EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

November 23, 2005

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

> RE: APPLICATION FOR PERMIT TO DRILL CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E UINTAH COUNTY, UTAH LEASE NO.: U-37943 FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120 Fax: (435)789-1420

Sincerely

Ed Trotter / Agent EOG Resources, Inc.

Attachments

RECEIVED DEC 0 2 2005 DIV. OF OIL, GAS & MINING

Form 3160-3 (April 2004)			FORM APPRO OMB No. 1004	4-0137	
UNITE DEPARTMENT BUREAU OF LA		Expires March 31, 2007 5. Lease Serial No. U-37943			
	MIT TO DRILL OR REENT	6	n, Allottee or Tribe N	ame	
la. Type of Work: X DRILL	REENTER	7. If Unit c CHA	or CA Agreement, Na PITA WELL	ume and No. S UNIT	
1b. Type of Well: Oil Well X Gas Well O	ther Single Zone X Multiple Zon		ame and Well No. A WELLS UN	IT 690-34	
2. Name of Operator EOG RESOURCES, INC.		9. API Wel	1 No.	······	
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (135)780.0700	10. Field and I	8-047-394 Pool, or Exploratory		
4. Location of Well (Report location clearly and in accord	(435)789-0790 lance with any State requirements.*)	111 Sec T D	RAL BUTTE	LS	
At surface 696' FSL, 2065' FEL	101.31031	z SEC. 3	94, T9S, R23E L.B.&M.		
 Distance in miles and direction from nearest town or po <u>24 MILES SOUTHEAST OF OUR</u> Distance from proposed* 	st office* AY, UTAH 16. No. of Acres in lease	12. County or I UINTAH	UTA		
location to nearest property or lease line, ft. 696 ^c (Also to nearest drig. Unit line, if any)	600	17. Spacing Unit de	edicated to this well		
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C 	19. Proposed Depth 6685 ⁴	20. BLM/BIA Bond NM-2308			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5337.3 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL		Esti mated duration 45 DAYS		
Attachments The following, completed in accordance with the requir	24. Attachments				
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Fo SUPO shall be filed with the appropriate Forest Serv 	4. Bond to cover the (see Item 20 ab rest System Lands, the 5. Operator certificat	operations unless cover ove). ion. cific information and/or	red by an existing bor		
25. Signature	Name (Printed/Typed) Ed Trotter		_{Date} Novembe	r 23, 2005	
Agent					
Approved by (Signature)	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL SCIENTING	l F	Date		
Title	ENVIRONMENTAL SCIENTIS		12-05	,-05	
pplication approval does not warrant or certify that the applic onduct operations thereon. onditions of Approval, if any, are attached.	cant holds legal or equitable title to those rights	in the subject lease whi	ch would entitle the	applicant to	
itle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 nited States any false, fictitious or fraudulent statements or re	2, make it a crime for any person knowingly an presentations as to any matter within its include	d willful vite make to a	Meeatment or age	ncy of the	
(Instructions on page 2)	, maint is julisu		2005	<u> </u>	

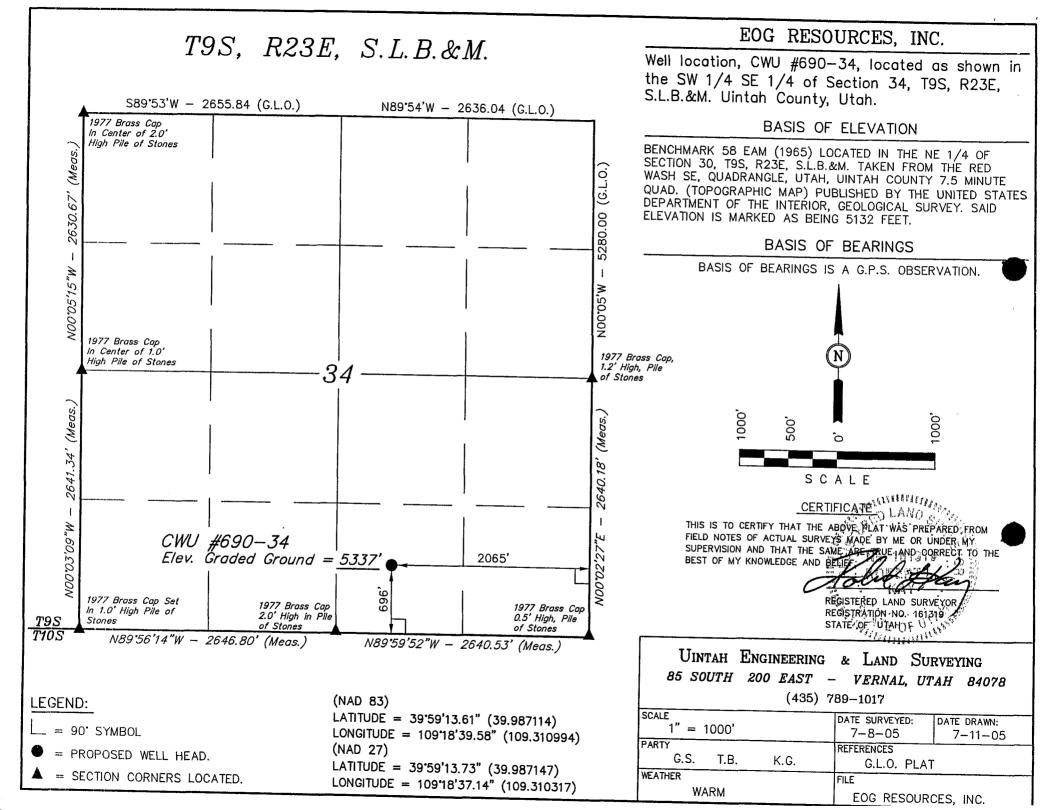
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Federal Approval of this Action is Necessary

DEC 0 2 2005

DIV. OF OIL, GAS & MINING



EIGHT POINT PLAN CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	1,373'
C-Zone	1,681'
Mahogany Oil Shale Bed	2,006'
Middle Carb Bed	2,729'
Castle Peak MBR	3,834'
Uteland Butte MBR	4,091'
Wasatch	4,196'
Chapita Wells	4,784'
Buck Canyon	5,522'
North Horn	6,079'
Island	6,356'

EST. TD: 6,685' or 200' \pm below Island Top

Anticipated BHP: 3,300 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. <u>PRESSURE CONTROL EQUIPMENT:</u> Production Hole - 3,000 Psig

BOP Schematic Diagram attached.

4. <u>CASING PROGRAM:</u>

	HOLE SIZE	INTERVAL	SIZE	WEIGHT	GRADE	THREAD		<u>FING FACTOR</u> E /BURST/ TENSILE
Surface	12-1/4"	0'-500'KB±	9-5/8"	36.0#	J-55	STC		3520 Psi 394,000#
		$500^{\circ} \pm - TD$	4-1/2"	11.6#	J- 55	LTC	4960 Psi	5350 Psi 162,000#
A	i casing wi	l be new or in	ispected	1.				

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe Insert Float Collar (PDC drillable) Centralizers: 1 – 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (500' ± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. $4-\frac{1}{2}$ ", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 1000' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2^{nd} joint.

<u>EIGHT POINT PLAN</u> <u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.</u> <u>UINTAH COUNTY, UTAH</u>

6. <u>MUD PROGRAM:</u>

Surface Hole Procedure (0 - 500' ± below GL):

Air/air mist or aerated water

Production Hole Procedure (500' ± - TD):

Anticipated mud weight 9.0 - 9.5 ppg depending on actual wellbore condition encountered while drilling.

500'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

<u>Reference:</u> Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs:Mud log from base of surface casing to TD.Cased-hole Logs:Cased-hole logs will be run in lieu of open-hole logs consisting of the following:
Cement Bond / Casing Collar Locator and Pulsed Neutron

9. <u>CEMENT PROGRAM:</u>

Surface Hole Procedure (0-500' ± Below GL) Lead: 275 sks. (100% excess volume) Class 'G' ceme

Lead: 275 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³./sk., 4.95 gps water.
Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16 ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note: <u>Cement volumes will be calculated to bring cement to surface.</u>

EIGHT POINT PLAN CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

CEMENT PROGRAM (Continued):

Production Hole Procedure (500' ± to TD)

- Lead: 258 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant),0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19 gps water.
- Tail: 520 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.
- Note:The above number of sacks is based on gauge-hole calculation.Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.Tail volume to be calculated to bring cement to 400'± above top of Wasatch.Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. <u>HAZARDOUS CHEMICALS:</u>

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

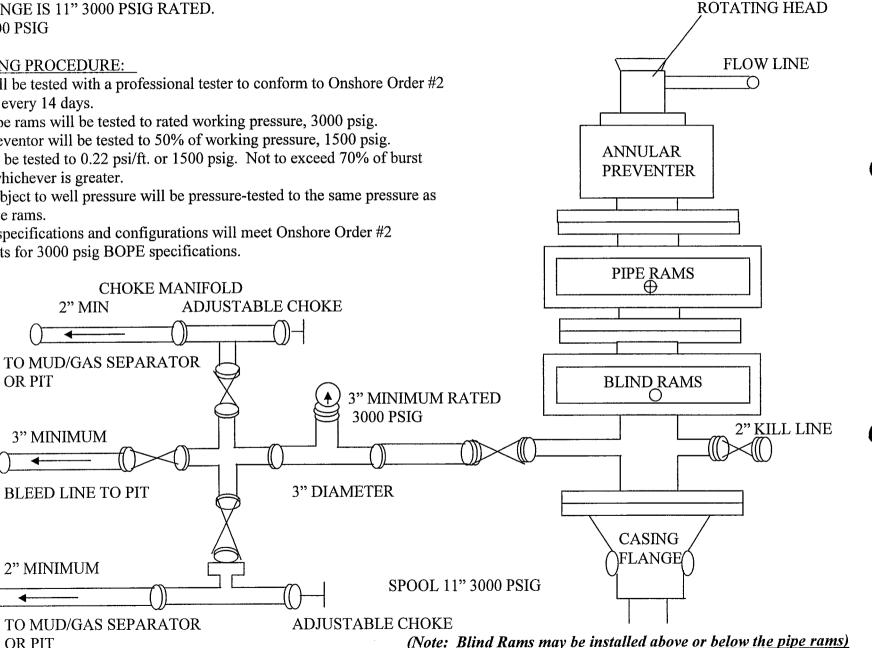
ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED. CASING FLANGE IS 11" 3000 PSIG RATED. BOPE 11" 3000 PSIG

TESTING PROCEDURE:

OR PIT

OR PIT

- 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
- 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
- 3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
- 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:	EOG Resources, Inc.
Well Name & Number:	Chapita Wells Unit 690-34
Lease Number:	<u>U-37943</u>
Location:	696' FSL & 2065' FEL, SW/SE, Sec. 34,
	T9S, R23E, S.L.B.&M., Uintah County, Utah
Surface Ownership:	Federal

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.					
Location Completion - prior to moving on the drilling rig.					
Spud Notice:	- at least twenty-four (24) hours prior to spudding the well.				
Casing String and Cementing	- twenty-four (24) hours prior to running casing and cementing all casing strings.				
BOP and related Equipment Tests	- twenty-four (24) hours prior to running casing and tests.				
First Production Notice	 within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days. 				

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 24 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.1 mile in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. Culverts will be installed in the access road as necessary. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface. The access road will be crowned, ditched and graveled.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF</u> <u>PROPOSED WELL LOCATION</u>

A. Producing wells - 14* (*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the Southwest side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be

disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 mill plastic liner.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is: Needle and Thread Grass – 6 pounds per acre Hi-Crest Crested Wheat Grass – 6 pounds per acre.

The final abandonment seed mixture for this location is: Wyoming Big Sage – 3 pounds per acre Needle & Thread Grass – 3 pounds per acre Hi-Crest Crested Wheat Grass – 1 pound per acre Winter Fat – 1 pound per acre.

The reserve pit will be located on the Southwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the West side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled location topsoil will be stored between Corners #2 and #4. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the North.

Corners #2 & #6 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence <u>shall be repaired to BLM or SMA</u> <u>specifications</u>. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (<u>shall/shall not</u>) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. **PRODUCING LOCATION**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: <u>Federal</u> Location: <u>Federal</u>

12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used.
 - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

<u>Additional Surface Stipulations</u> The access road will be crowned, ditched, and graveled.

Culverts will be installed in the access road as needed.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Telephone: (435)789-4120 Fax: (435)789-1420

DRILLING OPERATIONS

Donald Presenkowski EOG Resources, Inc. P.O. Box 250 Big Piney, WY 83113 Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the **Chapita Wells Unit 690-34 Well, located in the SW/SE of Section 34, T9S, R23E, Uintah County, Utah; Lease #U-37943;** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

11-23-2005

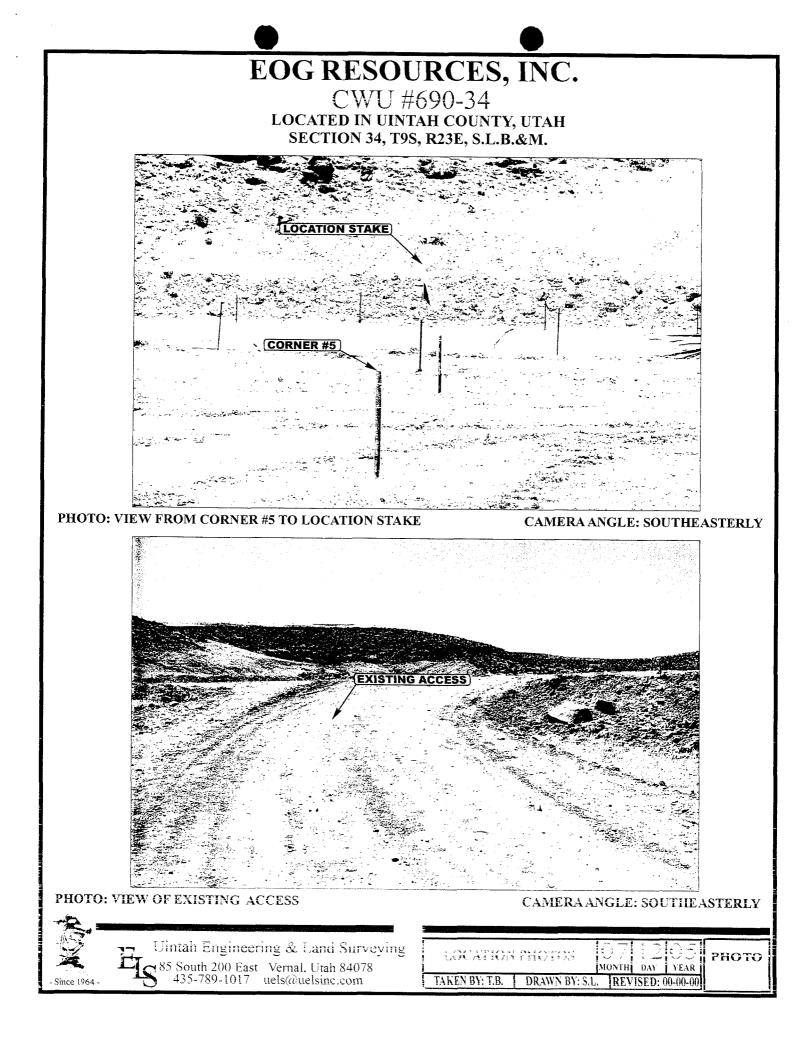
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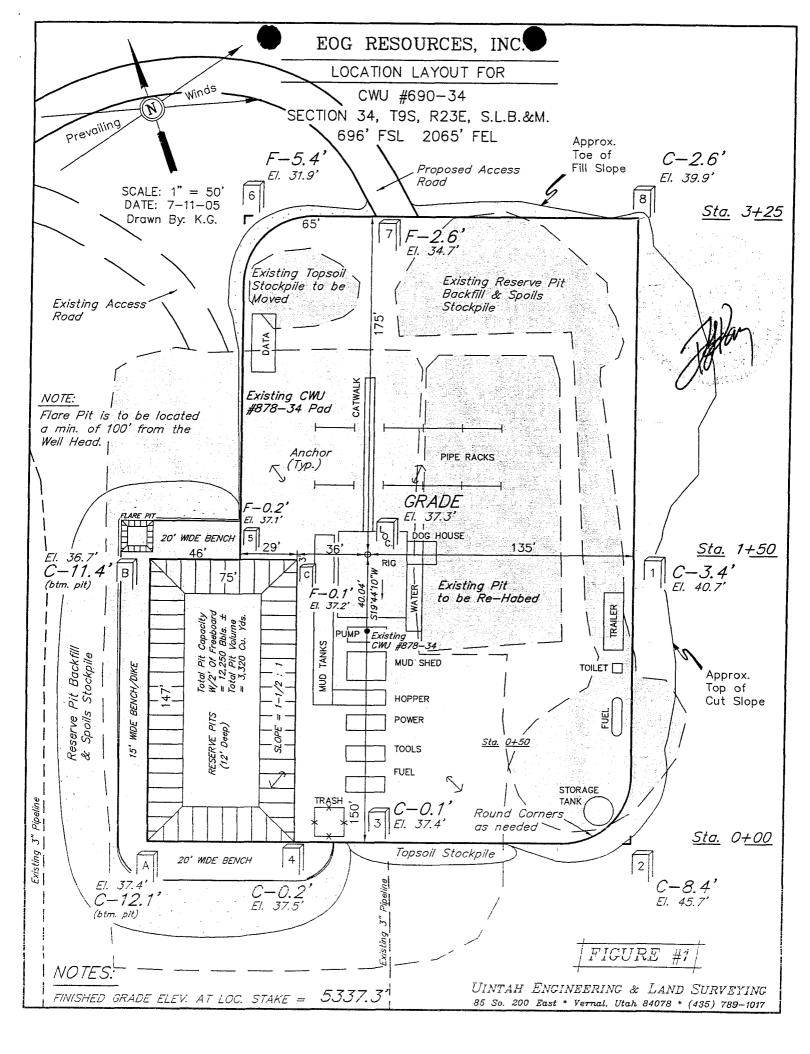
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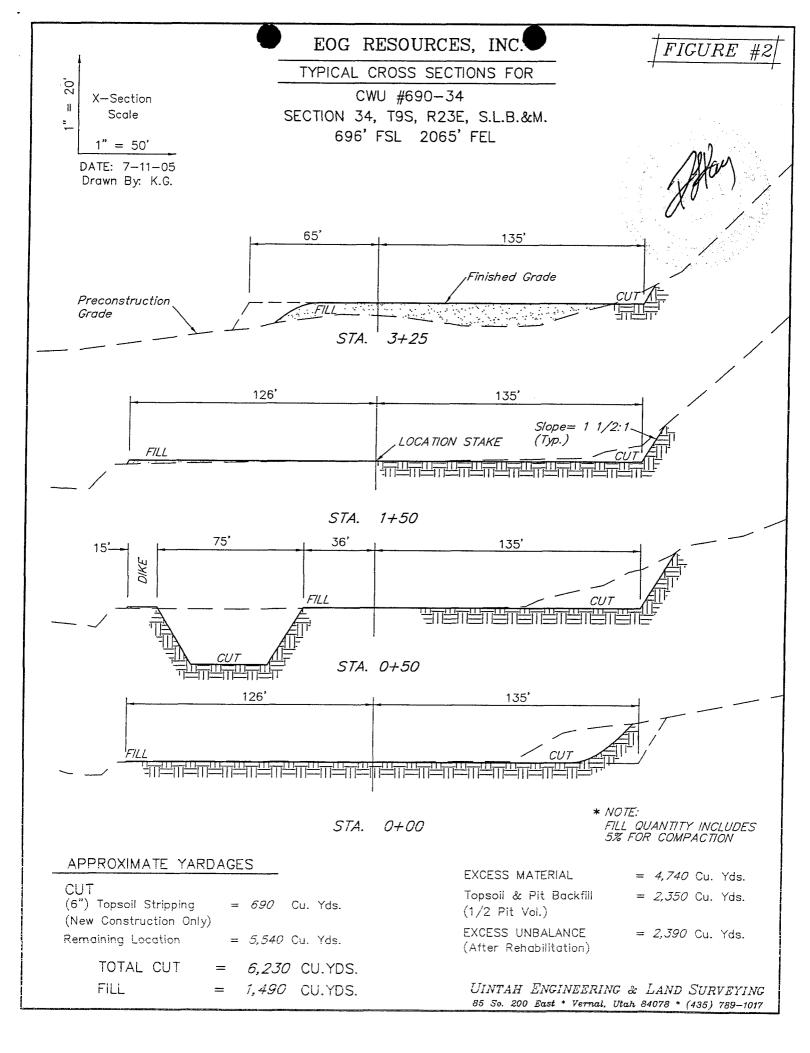
EOG RESOURCES, INC. CWU #690-34 SECTION 34, T9S, R23E, S.L.B.&M.

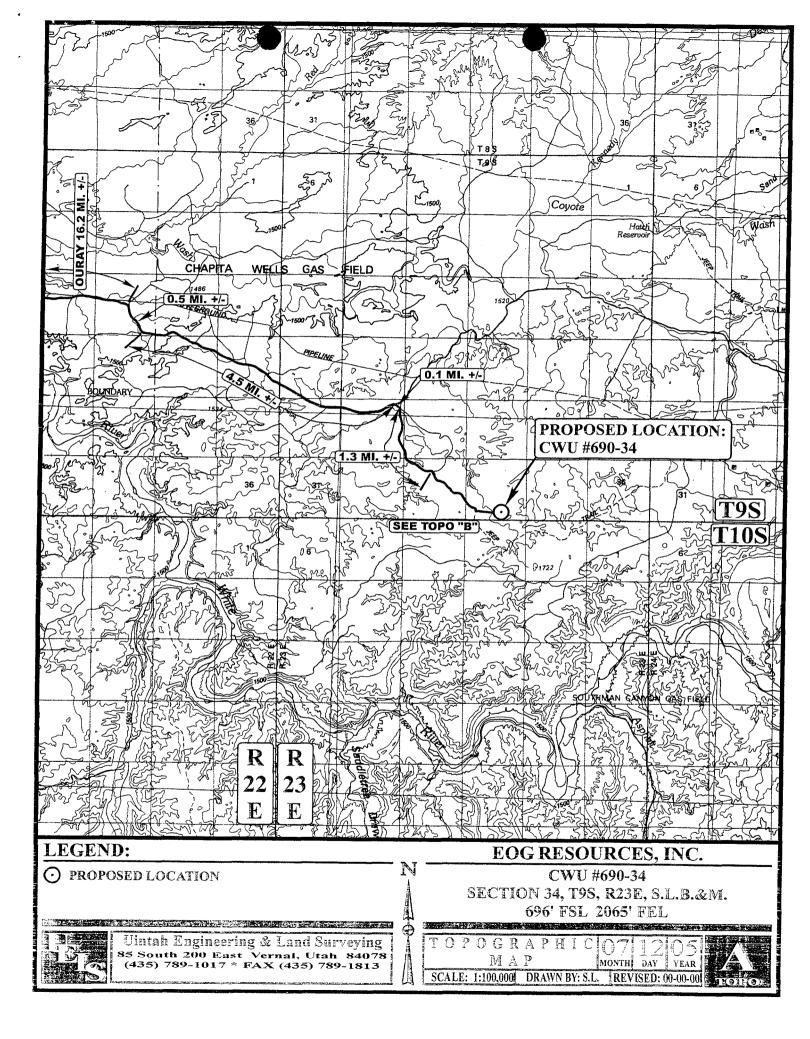
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION PROCEED IN APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN Α NORTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE CWU #878-34 AND THE PROPOSED LOCATION.

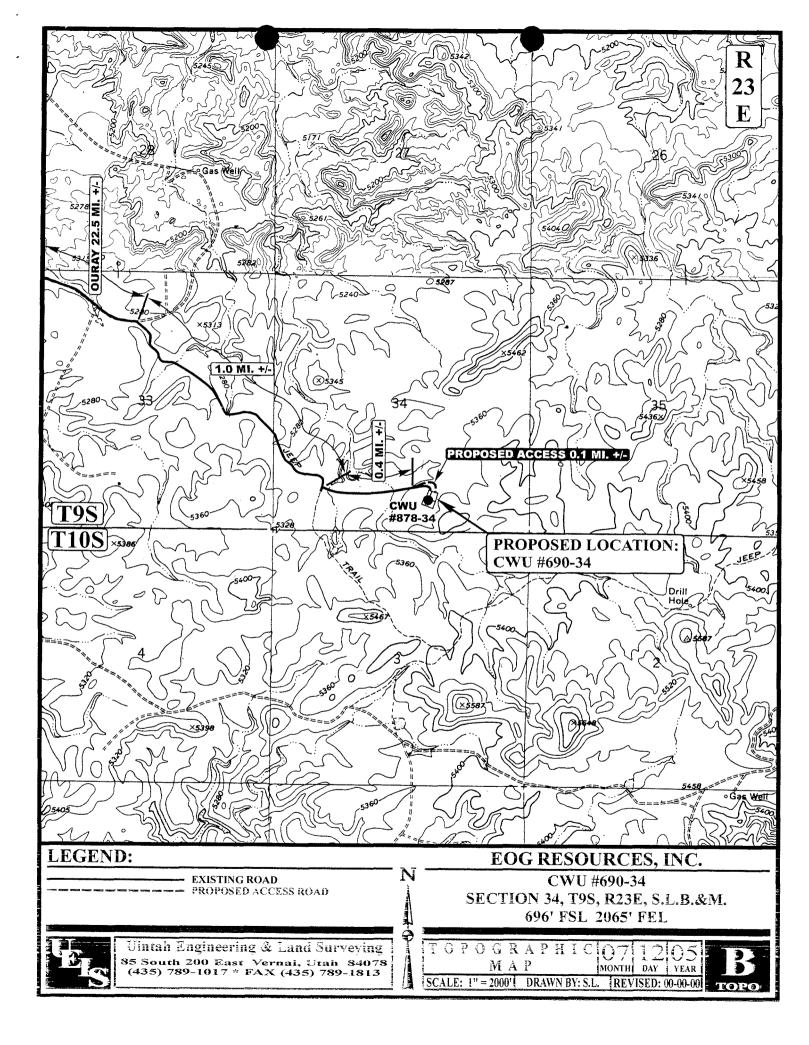
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.0 MILES.

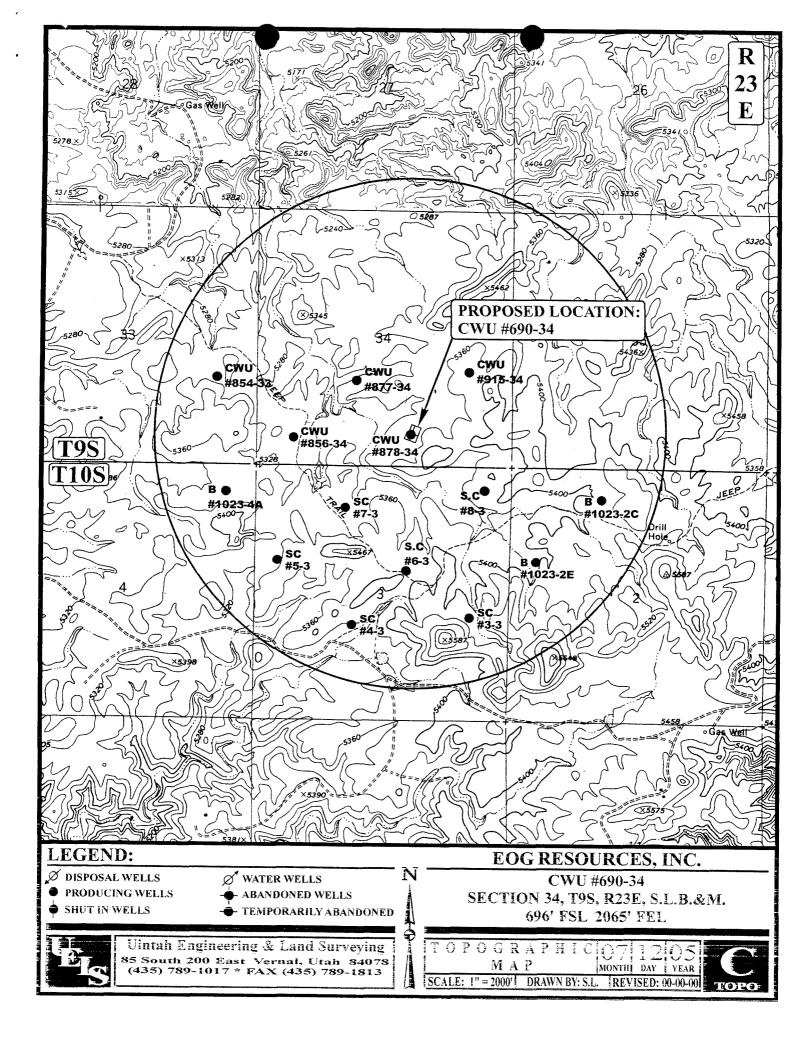












WORKSHEET APPLICATION FOR PERMIT TO DRILL

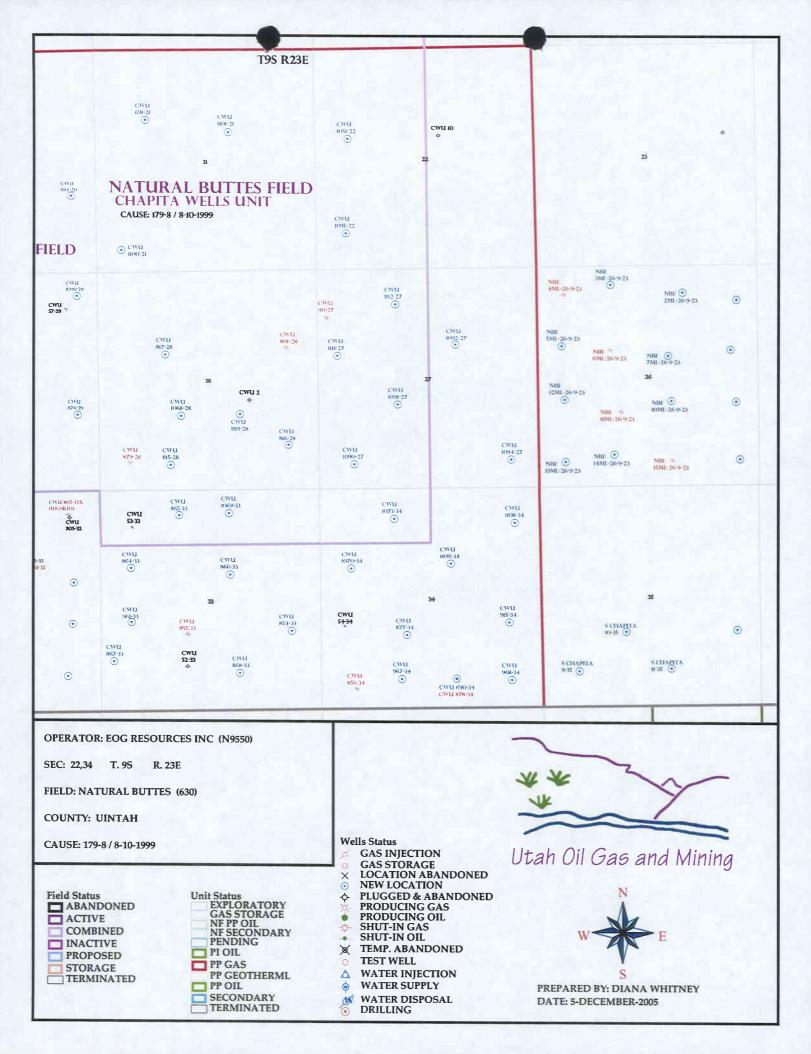
APD RECEIVED: 12/02/2005

API NO. ASSIGNED: 43-047-37459

WELL NAME: CWU 690-34 OPERATOR: EOG RESOURCES INC (N9550) CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

INSPECT LOCATN BY: / /
Tech Review Initials Date
Engineering
Geology
Surface
LATITUDE: 39.98717 LONGITUDE: -109.3103
LOCATION AND SITING:



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

December 5, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Chapita Wells Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME

LOCATION

(Proposed PZ North Horn) 43-047-37459 CWU 690-34 Sec 34 T09S R23E 0696 FSL 2065 FEL 43-047-37458 CWU 685-29 Sec 29 T09S R23E 0763 FSL 0587 FWL

(Proposed PZ Price River) 43-047-37452 CWU 1156-1 Sec 01 T09S R22E 0826 FSL 0664 FWL 43-047-37454 CWU 1057-13 Sec 13 T09S R22E 0723 FSL 0331 FWL 43-047-37455 CWU 1157-14 Sec 14 T09S R22E 2417 FNL 0509 FEL 43-047-37456 CWU 1136-19 Sec 19 T09S R23E 0649 FNL 0964 FEL 43-047-37457 CWU 1095-22 Sec 22 T09S R23E 0855 FSL 0741 FWL

(Proposed PZ Castlegate) 43-047-37453 CWU 3004-12GR Sec 12 T09S R22E 0823 FNL 1993 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit Division of Oil Gas and Mining Central Files Agr. Sec. Chron Fluid Chron



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

December 5, 2005

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re: <u>Chapita Wells Unit 690-34 Well, 696' FSL, 2065' FEL, SW SE, Sec. 34,</u> <u>T. 9 South, R. 23 East, Uintah County, Utah</u>

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37459.

Sincerely,

Ailthe

Gil Hunt Associate Director

pab Enclosures

cc:

Uintah County Assessor Bureau of Land Management, Vernal District Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801 telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

Operator:	EOG Resources, Inc.					
Well Name & Number	Chapita Wells	<u>Unit 690-34</u>				
API Number:	43-047-37459					
Lease:	U-37943	U-37943				
Location: <u>SW SE</u>	Sec. <u>34</u>	T. <u>9 South</u>	R. <u>23 East</u>			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

		The second s				
Form 3160-3 (April 2004)					OMB	1 APPROVED No. 1004-0137 25 March 31, 2007
UNITEI DEPARTMENT (BUREAU OF LA		1	-	Lease Serial I		
		Contracting sectors a state to contract of spin to contract particles and the sum of the sector o				r Tribe Name
APPLICATION FOR PERM	AIT TO DRIL	L OR REENTE	R			
1a. Type of Work: X DRILL	REENTER		7.		-	ement, Name and No. VELLS UNIT
1b. Type of Well: Oil Well 🔀 Gas Well 🗋 Oth	er 🗌 Single Z	one X Multiple Zone	8. C	Lease Nam CHAPITA		ell No. LS UNIT 690-34
2. Name of Operator EOG RESOURCES, INC.			9.	API Well N 43-047		7459
3a. Address P.O. BOX 1815 VERNAL, UT 84078	(435)78	(Include area code) 89-0790		Field and Po NATUF	ol, or Exp RAL B	ploratory BUTTES
4. Location of Well (Report location clearly and in accorded	ance with any State req	uirements.*)		Sec., T., R.,	M., or B	lk. and Survey or Area
At surface 696' FSL, 2065' FEL At proposed prod. Zone	SV	W/SE		SEC. 34 S.L.	, T9S B.&N	, ,
14. Distance in miles and direction from nearest town or por 24 MILES SOUTHEAST OF OUR			1	County or Pa INTAH	rish	13. State UTAH
 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) 	16. No. of Acres ir 600	ı lease	17. Sp	acing Unit dec	licated to	this well
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C 	19. Proposed Dept 6685'	h		M/BIA Bond N M-2308		le
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5337.3 FEET GRADED GROUND	UPON A	late work will start* PPROVAL			sti mated	
Attachments	24. Attachr	nents		·····		
 The following, completed in accordance with the requi Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National F SUPO shall be filed with the appropriate Forest Ser 	orest System Lands, th	4. Bond to cover the (see Item 20 al	e operation bove). ition. ecific infor	s unless cover mation and/or	ed by an o	existing bond on file may be required
25. Signature	Name (Printed/T Ed Trotter	-	RE	CEIVE	DN	Date ovember 23, 2005
Title Accepte Agent Utah Di	ed by the vision of and Mining		NO	/ 0 7 200	;	
Approved by (Signature)	Name (Printed		IV. OF OI	L, GAS & MI	Ring	······································
Any Knucha		1 KENCZKA			10-1.	2-2006
Title / Assistant Field Manager Lands & Mineral Resources	Office					
Application approval does not warrant or certify that the app conduct operations thereon. Conditions of Approval, if any, are attached.	licant holds legal or ec	uitable title to those righ	nts in the su	ibject lease wh	ich woul	d entitle the applicant to

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

U006M



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East **VERNAL, UT 84078** (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	EOG Resources, Inc.
Well No:	CWU 690-34
API No:	43-047-37459

Location: SWSE, Sec. 34, T9S, R23E Lease No: **UTU-37943** Agreement: Chapita Wells Unit

Petroleum Engineer: Petroleum Engineer: Supervisory Petroleum Technician: **Environmental Scientist: Environmental Scientist:** Natural Resource Specialist: Natural Resource Specialist: Natural Resource Specialist: After Hours Contact Number: 435-781-4513

Matt Baker Michael Lee Jamie Sparger Paul Buhler Karl Wright Holly Villa Melissa Hawk Scott Ackerman

Office: 435-781-4490	Cell: 435-828-4470
Office: 435-781-4432	Cell: 435-828-7875
Office: 435-781-4502	Cell: 435-828-3913
Office: 435-781-4475	Cell: 435-828-4029
Office: 435-781-4484	
Office: 435-781-4404	
Office: 435-781-4476	
Office: 435-781-4437	
Fax: 435-781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Paul Buhler)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Paul Buhler)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- 1. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:
 - a. 9 lbs of Hycrest Crested Wheatgrass & 3 lbs of Kochia prostrate.
- 2. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe. To reach the annulus of the surface casing and production casing, operator is required to pump additional cement beyond the stated amounts of sacks in application.
- 2. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours</u> in advance of casing cementing operations and BOPE & casing pressure tests.

4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- 6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location $(\frac{1}{4})$, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be

reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

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- 15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

F SUNDRY Do not use th	UNITED STATES DEPARTMENT OF THE BUREAU OF LAND MAN NOTICES AND REF is form for proposals t ell. Use Form 3160-3 (A	INTERIOR AGEMENT PORTS ON WE to drill or to re-o	enter an	OM	M APPROVED B No. 1004-0137 es: March 31, 2007
SUBMIT IN TR	IPLICATE- Other instr	ructions on reve	rse side.	7. If Unit or CA/A	Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other			Chapita We	lls Unit
Land La				8. Well Name and Chapita Wel	i No. I s Unit 690-34
2. Name of Operator EOG Resou	irces, Inc.			9. API Well No	•
3a Address 600 17th Street, Suite 1000N, D	enver, CO 80202	3b. Phone No. (include 303-824-5526	e area code)	43-047-3745	, or Exploratory Area
4. Location of Well (Footage, Sec.,				Natural But	· · ·
696' FSL & 2065' FEL (SW/SI Sec. 34-T9S-R23E 39.987114)				11. County or Par Uintah Cour	
12. CHECK AF	PROPRIATE BOX(ES) TO	INDICATE NATUR	RE OF NOTICE, R	EPORT, OR OTI	HER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Sta Reclamation Recomplete Temporarily Ab Water Disposal		Water Shut-Off Well Integrity Other Change TD
testing has been completed. Fir determined that the site is ready	ests permission to change the	filed only after all require TD on the referenced Appi	ments, including reclam	ation, have been com	
		Date: By:	-15-29 2014		COPY SENT TO OPERATOR Dolle: 11-15-0.6 Initials: 2011
 I hereby certify that the fore Name (Printed/Typed) Mary A. Maestas 		Title R	Legulatory Assistant	7	×
Signature Mary	a. Manon	Date		1/09/2006	
·	THIS SPACE FOR I	FEDERAL OR S	TATE OFFICE	USE	
Approved by		1	îtle	Date	
Conditions of approval, if any, are a certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights in	does not warrant or	Office		
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudul	43 U.S.C. Section 1212, make it a ent statements or representations	crime for any person ki as to any matter within it	nowingly and willfully t s jurisdiction.	to make to any depa	rtment or agency of the United
(Instructions on page 2)				RE	CEIVED
		Federal Approv Action is Neces	al of this isary	NO	/ 1 4 2006
				DIV. OF O	L, GAS & MITT G

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<u>CHAPTTA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.</u> <u>UINTAH COUNTY, UTAH</u>

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	1,368'
Mahogany Oil Shale Bed	2,001'
Uteland Butte MBR	4,086'
Wasatch	4,191'
Chapita Wells	4,779'
Buck Canyon	5,517'
North Horn	6,880'
Island	6,103'

EST. TD: 6,400' or 200' ± below Island Top

Anticipated BHP: 3,160 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. **PRESSURE CONTROL EQUIPMENT:** Production Hole - 3,000 Psig

BOP Schematic Diagram attached.

4. CASING PROGRAM:

							RAT	ING FACTOR
	HOLE SIZE	<u>INTERVAL</u>	<u>SIZE</u>	<u>WEIGHT</u>	GRADE	<u>THREAD</u>	COLLAPS	E /BURST/ TENSILE
Surface	12-1/4"	0'-500'KB±	9-5/8"	36.0#	J-55	STC	2020 Psi	3520 Psi 394,000#
Production	n: 7-7/8"	$500' \pm - TD$	4-1/2"	11.6#	J-55	LTC	4960 Psi	5350 Psi 162,000#
Al	l casing wi	ll be new or i	nspecte	<u>d.</u>				

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe Insert Float Collar (PDC drillable) Centralizers: 1 – 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (500' ± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. $4-\frac{1}{2}$ ", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 1000' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2^{nd} joint.

CHAPTTA WELL'S UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M. <u>UINTAH COUNTY, UTAH</u>

6. <u>MUD PROGRAM:</u>

Surface Hole Procedure (0 - 500' ± below GL):

Air/air mist or aerated water

Production Hole Procedure (500' ± - TD):

Anticipated mud weight 9.0 - 9.5 ppg depending on actual wellbore condition encountered while drilling.

500'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

<u>Reference:</u> Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs:Mud log from base of surface casing to TD.Cased-hole Logs:Cased-hole logs will be run in lieu of open-hole logs consisting of the following:
Cement Bond / Casing Collar Locator and Pulsed Neutron

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.</u> <u>UINTAH COUNTY, UTAH</u>

9. <u>CEMENT PROGRAM:</u>

Surface Hole Procedure (0-500' ± Below GL)

- Lead: 275 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³./sk., 4.95 gps water.
- **Top Out:** Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16 ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note: <u>Cement volumes will be calculated to bring cement to surface.</u>

Production Hole Procedure (500' ± to TD)

Lead: 245 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant),0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19 gps water.

Tail: 495 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note:The above number of sacks is based on gauge-hole calculation.Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.Tail volume to be calculated to bring cement to 400'± above top of Wasatch.Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.</u> <u>UINTAH COUNTY, UTAH</u>

11. STANDARD REQUIRED EQUIPMENT:

A. Choke Manifold

.

- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. <u>HAZARDOUS CHEMICALS:</u>

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

STATE OF UTAH

I		5. LEASE DES U-37943	IGNATION AND SERIAL NUMBER:			
SUNDRY	NOTICES AND REPORTS (ON WELLS			ALLOTTEE OR TRIBE NAME:	
	Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.					
OIL WELL	GAS WELL 🗹 OTHER				E and NUMBER: A WELLS UNIT 690-34	
2. NAME OF OPERATOR: EOG RESOURCES, INC.				API NUMBE	7459	
3. ADDRESS OF OPERATOR: P.O. BOX 1815	VERNAL STATE UT ZIP 84		NUMBER: 1		D POOL, OR WILDCAT: L BUTTES	
4. LOCATION OF WELL	SL 2065 FEL 39.987114 LAT 109.31	10994 LON		COUNTY: U STATE:	INTAH	
	OPRIATE BOXES TO INDICATE I					
TYPE OF SUBMISSION	OFRIATE BOXES TO INDICATE I			I, OK OI		
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12. DESCRIBE PROPOSED OR COMPLete	ACIDIZE	DEEPEN FRACTURE TREAT NEW CONSTRUCTIO OPERATOR CHANGI PLUG AND ABANDO PLUG BACK PRODUCTION (STAF RECLAMATION OF V RECOMPLETE - DIFF	DN E N RT/RESUME) VELL SITE FERENT FORMATION dates, depths, volumes,	SIDET TEMPO TUBIN VENT WATEI VATEI	RFORATE CURRENT FORMATION RACK TO REPAIR WELL ORARILY ABANDON G REPAIR OR FLARE R DISPOSAL R SHUT-OFF R: <u>APD EXTENSION</u> REQUEST	
		Approved Utah Div Oil, Gas an Date: By:	rision of		-30-06 PM	

NAME (PLEASE PRINT) Kaylene R. Gardner	TITLE Regulatory Assistant
SIGNATURE Danche Toandre	DATE 5/30/2006
(This space for State use only)	RECEIVED
	NOV 2 2 2000

NUV 2 2 2006

(See Instructions on Reverse Side)

Т

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:43-047-37459Well Name:CHAPITA WELLS UNIT 690-34Location:696 FSL 2065 FEL (SWSE), SECTION 34, T9S, R23E S.L.B.&MCompany Permit Issued to:EOG RESOURCES, INC.Date Original Permit Issued:12/5/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No □

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes⊡ No ☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes \Box No \Box

Have there been any changes to the access route including ownership, or rightof-way, which could affect the proposed location? Yes \Box No \Box

Has the approved source of water for drilling changed? Yes□No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes \Box No

Is bonding still in place, which covers this proposed well? Yes ZNO□

11/20/2006

Date

Title: SR. REGULATORY ASSISTANT

Representing: EOG RESOURCES, INC.

RECEIVED NOV 2 2 2006

DIV. OF OIL, GAS & MINING

Form 3160-5 (August 2007) DE	UNITED STATES PARTMENT OF THE I	NTERIOR			OMB N	APPROVED O. 1004-0135 July 31, 2010
	UREAU OF LAND MANA			EIVE	Expires 5 Lease Serial No. UTU37943	5019 51, 2010
Do not use thi abandoned we	s form for proposals to II. Use form 3160-3 (AP	drill or to re- D) for such p	enter an.	5 2007	6. If Indian, Allottee of	r Tribe Name
SUBMIT IN TRI	PLICATE - Other instruc	ctions on rev	erse sid RI	۸ <i>۸</i>	7. If Unit or CA/Agree UTU63013X	ement, Name and/or No.
1. Type of Well	er			: y :	8. Well Name and No. CWU 690-34	
2. Name of Operator EOG RESOURCES INC		KAYLENE R			9: API Well No. 43-047-37459-	 00-X1
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078			(include area code)		10. Field and Pool, or NATURAL BU1	
4. Location of Well <i>(Footage, Sec., T.</i> Sec 34 T9S R23E SWSE 696		}			11. County or Parish, UINTAH COUN	
12. CHECK APPF	OPRIATE BOX(ES) TO) INDICATE	NATURE OF	NOTICE, RE	PORT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE O	F ACTION		
Notice of Intent	☐ Acidize ☐ Alter Casing	Deep Frac	oen ture Treat	□ Producti □ Reclama	on (Start/Resume) tion	□ Water Shut-Off □ Well Integrity
□ Subsequent Report □ Final Abandonment Notice	Casing Repair Change Plans Convert to Injection		Construction and Abandon Back	Recomp Tempora	rily Abandon	Other Change to Original A PD
EOG Resources, Inc. request extended for one year.	CONDITIONS OF A	-			VERNAL DIST ENG GEOL E.S PET A.M	
14. I hereby certify that the foregoing is t	Electronic Submission # For EOG	RESOURCES	NC, sent to the	Vernal	•	
Name(Printed/Typed) KAYLENE	ommitted to AFMSS for pro	bcessing by G			RY ASSISTANT	
Signature (Electronic S	ubmission)		Date 09/25/2	2007		
	THIS SPACE FC	OR FEDERA	L OR STATE	OFFICE U	SE	
Approved By Mar P	ale		Retrole	um En	gineer	0C Jac 1 2007
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduc	table title to those rights in the su		Office			
Title 18 U.S.C. Section 1001 and Title 43 U States any false, fictitious or fraudulent st	J.S.C. Section 1212, make it a c atements or representations as to	rime for any personany matter within	on knowingly and w n its jurisdiction.	illfully to make	to any department or age	ency of the United
** BLM REV	SED ** BLM REVISEI	D ** BLM RE	VISED ** BL	M REVISED	** BLM REVISE	DIV. OF OIL, GAB & MI

CONDITIONS OF APPROVAL

EOG Resources Inc.

Notice of Intent APD Extension

 Lease:
 UTU-37943

 Well:
 CWU 690-34

 Location:
 SWSE Sec 34-T9S-R23E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 10/12/08
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS AND MI		5. LEASE DESIGNATION AND SERIAL NUMBER: U-37943
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	ew wells, significantly deepen existing wells below cun aterals. Use APPLICATION FOR PERMIT TO DRILL fi		7. UNIT OF CA AGREEMENT NAME: CHAPITA WELLS UNIT
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER: CHAPITA WELLS UNIT 690-34
2. NAME OF OPERATOR: EOG RESOURCES, INC.	<u> </u>	i	9. API NUMBER: 43-047-37459
3. ADDRESS OF OPERATOR:		PHONE NUMBER: 80202 (303) 824-5526	10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch
4. LOCATION OF WELL	Y DOINCI STATE OO ZIP		
FOOTAGES AT SURFACE: 696 FS	SL 2065 FEL 39.987114 LAT 109	9.310994 LON	соилту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: SWSE 34 9S 2	23E S.L.B. & M	STATE: UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	DRT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	
(Submit in Duplicate)		FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:			
	CHANGE TO PREVIOUS PLANS		
SUBSEQUENT REPORT (Submit Original Form Only)		PLUG BACK	WATER DISPOSAL
Date of work completion:		PRODUCTION (START/RESUME)	WATER SHUT-OFF
		RECLAMATION OF WELL SITE	
		RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all p	pertinent details including dates, depths, volun	nes, etc.
EOG Resources, Inc. resp	pectfully requests the APD for the	e referenced well be extended for	r one year.
		Approved by the	
		Utah Division of	
		Oil, Gas and Mining	
	·	1-19-17	
	D	ate: 11-00-0-+	
	R	* FullCelly	
		1. <u>Constant</u>	
		\mathcal{M}	
NAME (PLEASE PRINT) Mary A. N	laestas	TITLE Regulatory Assi	stant
	1 Marta	DATE 11/6/2007	
SIGNATORE JY WW	u. Huespe	DATE 11/0/2007	
(This space for State use only)			RECEIVED
COPY SENT TO OPERATOR		, 1.	
Initials: RIM		** *	NOV 07 2007
			DIV. OF OIL, GAS & MINING
(5/2000)	(See Instr	ructions on Reverse Side)	DIV. OF OIL, GAS & MILLING

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Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:43-047-37459Well Name:CHAPITA WELLS UNIT 690-34Location:696 FSL 2065 FEL (SWSE), SECTION 34, T9S, R23E S.L.B.&MCompany Permit Issued to:EOG RESOURCES, INC.Date Original Permit Issued:12/5/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes □ No ☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes⊡No⊠

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Has the approved source of water for drilling changed? Yes \Box No \Box

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes \Box No \Box

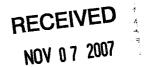
Is bonding still in place, which covers this proposed well? Yes ☑No□

11/6/2007

Date

Title: REGULATORY ASSISTANT

Representing: EOG RESOURCES, INC.



DIV. OF OIL, GAS & MINING

BUREAU O SUNDRY NOTICE: Do not use this form fo abandoned well. Use fo SUBMIT IN TRIPLICATE	r proposais to dri			Emilian	JO. 1004-0135 : July 31, 2010	
Do not use this form fo abandoned well. Use fo	r proposais to dri	SUNWEIS		Lease Serial No. UTU37943	<u>. July 51, 2010</u>	
SUBMIT IN TRIPLICATE		ill or to re-enter an		If Indian, Allottee	or Tribe Name	
	- Other instructio	ons on reverse side.	7.	7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI		
1. Type of Well	······································			Well Name and No.		
Oil Well Gas Well Other Anne of Operator	Contaot: KA	YLENE R GARDNER		CHAPITA WELLS UNIT 690-34 9. API Well No.		
	-Mail: KAYLENE_GA		S.COM	43-047-37459		
3a. Address 1080 E. HWY 40 VERNAL, UT 84078	P	b. Phone No. (include area code h: 435-781-9111		Field and Pool, or NATURAL BUT	Exploratory TES	
4. Location of Well (Footage, Sec., T., R., M., or I				County or Parish,		
Sec 34 T9S R23E SWSE 696FSL 2065I 39.98711 N Lat, 109.31099 W Lon	FEL			UINTAH COUN	ITY COUNTY, UT	
12. CHECK APPROPRIAT	E BOX(ES) TO IN	NDICATE NATURE OF	NOTICE, REPO	RT, OR OTHE	R DATA	
TYPE OF SUBMISSION		TYPE O	F ACTION			
Notice of Intent	lize	Deepen	Production (S	Start/Resume)	U Water Shut-Off	
Subsequent Report	r Casing	Fracture Treat	Reclamation		U Well Integrity	
	ng Repair	New Construction	Recomplete		🔀 Other	
· · · · ·	nge Plans vert to Injection	Plug and Abandon Plug Back				
			Water Dispos			
Attach the Bond under which the work will be per following completion of the involved operations. testing has been completed. Final Abandonment 1	plete horizontally, give formed or provide the l If the operation results Notices shall be filed or	subsurface locations and measu Bond No, on file with BLM/BL/ in a multiple completion or rea	red and true vertical A. Required subseque	depths of all pertin ant reports shall be terrial a Form 316	ent markers and zones. filed within 30 days	
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DIV. OF OIL, GAS & MINING

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,323		Shale	
Mahogany Oil Shale Bed	2,001		Shale	
Uteland Butte MBR	4,086		Limestone	
Wasatch	4,198	Primary	Sandstone	Gas
Chapita Wells	4,748	Primary	Sandstone	Gas
Buck Canyon	5,421	Primary	Sandstone	Gas
North Horn	5,889	Primary	Sandstone	Gas
KMV Price River	6,102		Sandstone	Gas
TD	6,300			

Estimated TD: 6,300' or 200'± below TD

Anticipated BHP: 3,440 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.
- 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	<u>WEIGHT</u>	Grade	Thread	Rating Collapse	<u>Factor</u> Burst	<u>Tensile</u>
Conductor	17 ½"	0 – 45'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 <u>¼</u> "	0' 2,300' KB±	9-%"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	6- <u>1⁄4"</u>	Surface – TD	4-1/2"	11.6#	P-110	BTC	7560 PSI	10,690 Psi	279,000#

<u>Note:</u> 12- $\frac{1}{4}$ " surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{4}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe Insert Float Collar (PDC drillable) Centralizers: 1-5' above shoe, top of its, #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Bit, Cross-over sub with float, IB stabilizer, Casing pup jt., IB Stabilizer, 1 joint casing, and balance of casing to surface. All casing will be 4-1/2", 11.6#, P-110, Buttress and Grant Prideco DWC couplings, with a marker jt. 400' above top of Wasatch. Composite-coated, positive stand-off centralizers will be utilized on the bottom 20 jts. The casing will be rotated via a top-drive system to drill the hole. A cement plug will be landed on the float above the bit.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

7. VARIANCE REQUESTS:

<u>Reference:</u> Onshore Oil and Gas Order No. 1 Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Gas shows.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement Bond / Casing Collar Locator and Pulsed Neutron

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead:	185 sks	Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl ₂ , 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft ³ /sk. yield, 23 gps water.
Tail:	207 sks	Class "G" cement with 2% CaCl ₂ , ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft ³ /sk., 5.2 gps water.
Top Out:		As necessary with Class "G" cement with 2% CaCl ₂ , <i>¼</i> #/sk Flocele mixed at 15.6 ppg, 1.18 ft ³ /sk., 5.2 gps water.
Note:		Cement volumes will be calculated to bring lead cement to surface and tail cement to 500'above the casing shoe.
Producti	<u>on Hole Pr</u>	<u>ocedure (2300'± - TD)</u>
Lead:	85 sks:	Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft ³ /sk., 24.5 gps water.
Tail:	200 sks:	50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft ³ /sk., 5.9gps water.

Note:The above number of sacks is based on gauge-hole calculation.Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation. <u>This section of hole will be casing drilled and will meet BLM requirement for .422 of cement sheath</u> <u>space on all sides of the casing couplings.</u>

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

B ^{II} SUNDRY Do not use thi abandoned we		ENT ON WELLS or to re-enter an r such proposals.	OMB Expire 5. Lease Serial No. UTU37943 6. If Indian, Allotte 7. If Unit or CA/Ag CHAPITA WE 8. Well Name and N	e or Tribe Name reement, Name and/or No. LLS UNI
EOG RESOURCES INC 3a. Address 600 17TH STREET SUITE 10	43-047-37459 10. Field and Pool,			
DENVER, CO 80202 4. Location of Well <i>(Footage, Sec., T</i> Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W	FSL 2065FEL		11. County or Paris UINTAH COU	
12. CHECK APPI	ROPRIATE BOX(ES) TO IND			ER DATA
Attach the Bond under which the wor following completion of the involved	ally or recomplete horizontally, give such as the second s	 Deepen Fracture Treat New Construction Plug and Abandon Plug Back ls, including estimated startin absurface locations and measu ond No. on file with BLM/BLA a multiple completion or recompletion 	red and true vertical depths of all per . Required subsequent reports shall propertion in a new interval, a Form 3	tinent markers and zones. be filed within 30 days 160-4 shall be filed once
14. I hereby certify that the foregoing is	Electronic Submission #60535	5 verified by the BLM Wel URCES INC, sent to the	I Information System Vernal	
Name(Printed/Typed) MARY A.	MAESTAS	Title REGUL	ATORY ASSISTANT	
Signature Marelectronic	ubmission Center	Date 06/02/2		
	#:			
Approved By Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to condu	itable title to those rights in the subje	Title arrant or ct lease Office	<u> </u>	Date
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime	for any person knowingly and	l willfully to make to any department	or agency of the United

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ECEIVED

JUN 0 4 2008

DIV. OF OIL, GAS & MINING

	C	en 1090-	34			
	UNITED STATES PARTMENT OF THE INTER UREAU OF LAND MANAGEM		OMB Expir	M APPROVED NO. 1004-0135 es: July 31, 2010		
SUNDRY	NOTICES AND REPORTS	ON WELLS	5. Lease Serial No. UTU67868			
Do not use the abandoned we	is form for proposals to drill II. Use form 3160-3 (APD) for	or to re-enter an r such proposals.	6. If Indian, Allotte	e or Tribe Name		
SUBMIT IN TRI	PLICATE - Other instructions	s on reverse side.	7. If Unit or CA/A	greement, Name and/or No.		
1. Type of Well ☐ Oil Well ⊠ Gas Well ☐ Oth	ier		8. Well Name and M MULTIPLE MU			
2. Name of Operator EOG RESOURCES INC	Contact: MAR E-Mail: mary_maestas@	Y A. MAESTAS eogresources.com	9. API Well No. 43 04	+7 37459		
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202		Phone No. (include area code 303-824-5526) 10. Field and Pool, NATURAL BU			
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County or Paris	sh, and State		
	Δc		UINTAH COL	JNTY, UT		
	95	23E 34	I			
12. CHECK APPI	ROPRIATE BOX(ES) TO INI	DICATE NATURE OF	NOTICE, REPORT, OR OTH 	IER DATA		
TYPE OF SUBMISSION		TYPE O	F ACTION			
☑ Notice of Intent		Deepen	□ Production (Start/Resume)			
Subsequent Report	□ Alter Casing	□ Fracture Treat	□ Reclamation	Well Integrity		
Final Abandonment Notice	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Abandon	□ Other		
	Convert to Injection	Plug Back	Water Disposal			
Attach the Bond under which the wo following completion of the involved testing has been completed. Final At determined that the site is ready for f	s authorization for disposal of r	ond No. on file with BLM/BL n a multiple completion or rec y after all requirements, includ	A. Required subsequent reports shall ompletion in a new interval, a Form 3 ling reclamation, have been complete	be filed within 30 days 3160-4 shall be filed once		
 Natural Buttes Unit 21-20B Chapita Wells Unit 550-30N Chapita Wells Unit 2-29 SW Red Wash Evaporation por RN Industries 	SWD NSWD VD		Accepted Utah Divi Oil, Gas an	sion of d Mining		
This sundry covers multiple w	ells. Please see the attached s	sheet detailing the wells.	FOR RECO	RD ONLY		
14. I hereby certify that the foregoing is	Electronic Submission #6054	0 verified by the BLM We DURCES INC, sent to the				
Name(Printed/Typed) MARY A.	MAESTAS	Title REGU	Title REGULATORY ASSISTANT			
Signature Man (Electronic	suppression for	Date 06/02/2	2008			
	THIS SPACE FOR F	EDERAL OR STATE	OFFICE USE			
Approved By		Title		Date		
Approved By Conditions of approval, if any, are attache certify that the applicant holds legal or equivicant would entitle the applicant to condu-	uitable title to those rights in the subje			1		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime statements or representations as to an	for any person knowingly and y matter within its jurisdiction	l willfully to make to any department.	t or agency of the United		
** OPERAT	TOR-SUBMITTED ** OPER	ATOR-SUBMITTED	** OPERATOR-SUBMITTE	^D JUN 0 4 2008		

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Well Name	<u>SEC</u>	Ţ	<u>R</u>	<u>Qtr/Qtr</u>	Lease	<u>API</u>
East Chapita 81-23	23	9S	23E	NESE	UTU67868	43-047-39443
CWU 1363-25H	25	9S	22E	SENE	UTU0282	43-047-50007
East Chapita 51-35	35	98	23E	NWNW	UTU0344	43-047-39208
East Chapita 25-09	9	9S	23E	SESE	UTU67868	43-047-38145
CWU 1365-19	19	9S	23E	SWSW	UTU0337	43-047-39779
NBU 573-17E	17	10S	21E	SESE	UTU02278	43-047-38510
NBU 561-17E	17	10S	21E	SWSE	UTU02278	43-047-37512
CWU 1088-22	22	9S	22E	SWNE	UTU0284A	43-047-37502
CWU 1023-15	15	9S	22E	NWNW	UTU0283A	43-047-38666
CWU 965-34	34	9S	23E	NWSW	UTU37943	43-047-39806
NBU 567-17E	17	10S	21E	NWNE	UTU01791	43-047-38535
East Chapita 79-23	23	9S	23E	SESE	UTU67868	43-047-39442
CWU 1274-22	22	9S	22E	NENW	UTU0284A	43-047-38530
CWU 690-34	34	9S	23E	SWSE	UTU37943	43-047-37459

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Form 3160-5 (August 2007)	UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MANA	INTERIOR			OMB N Expires	APPROVED IO. 1004-0135 July 31, 2010
SUND	RY NOTICES AND REPO	ELLS		 Lease Serial No. UTU37943 		
	e this form for proposals to I well. Use form 3160-3 (AF			-	6. If Indian, Allottee	or Tribe Name
SUBMIT IN	TRIPLICATE - Other instru	ictions on re	verse side.		7. If Unit or CA/Agre CHAPITA WEL	æment, Name and/or No. LS UNI
1. Type of Well Oil Well 🛛 Gas Well] Other				8. Well Name and No CHAPITA WELLS	
2. Name of Operator EOG RESOURCES INC	Contact: E-Mail: mary_ma	MARY A. M/ estas@eogresc		·····	9. API Well No. 43-047-37459	
3a. Address 600 17TH STREET SUIT DENVER, CO 80202	E 1000N	3b. Phone No Ph: 303-82	o. (include area code) 24-5526		10. Field and Pool, or NATURAL BUT	Exploratory
4. Location of Well (Footage, S	ec., T., R., M., or Survey Descriptio	n)			11. County or Parish,	and State
Sec 34 T9S R23E SWSE 39.98711 N Lat, 109.3109					UINTAH COUN	ITY, UT
12. CHECK A	APPROPRIATE BOX(ES) T	O INDICATI	ENATURE OF N	NOTICE, RE	PORT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
Notice of Intent	Acidize	🗂 Dee	epen	Producti	on (Start/Resume)	UWater Shut-Off
-	Alter Casing	🗖 Fra	cture Treat	Reclama	tion	Well Integrity
Subsequent Report	Casing Repair	_	w Construction	□ Recompl		Other Change to Original A
Final Abandonment Notic	Change Plans		 Plug and Abandon Plug Back Water I 		rily Abandon	PD
following completion of the inv testing has been completed. Fin determined that the site is ready	uests authorization to change " to 8-5/8". casing drilling is attached.	esults in a multip iled only after all	le completion or reco requirements, includ	mpletion in a no ing reclamation	ew interval, a Form 310	50-4 shall be filed once
14. I hereby certify that the forego	Electronic Submission	#60570 verifie RESOURCES	by the BLM Well INC, sent to the \	Information /ernal	System	
Name (Printed/Typed) MAR	A. MAESTAS		Title REGUL	ATORY ASS	SISTANT	
Signature Manager	Ac submission real for		Date 06/03/20	008		
	THIS SPACE F		AL OR STATE	OFFICE US	SE	
Approved By			TitlAccepte	d by the vision of		Date
Conditions of approval, if any, are at certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights in the		Gill, Gas a	and Minin	Federal Apr	proval Of This
Title 18 U.S.C. Section 1001 and Tit States any false, fictitious or fraud	le 43 U.S.C. Section 1212, make it allent statements or representations a	a crime for any p as to any matter v		willfully to ma	ke to Action IS	Nocassany r agency of the United

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** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** JUN 0 4 2008

DIV. OF OIL, GAS & MINING

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,323		Shale	
Mahogany Oil Shale Bed	2,001		Shale	
Uteland Butte MBR	4,086		Limestone	
Wasatch	4,198	Primary	Sandstone	Gas
Chapita Wells	4,748	Primary	Sandstone	Gas
Buck Canyon	5,421	Primary	Sandstone	Gas
North Horn	5,889	Primary	Sandstone	Gas
KMV Price River	6,102		Sandstone	Gas
TD	6,300			

Estimated TD: 6,300' or 200'± below TD

Anticipated BHP: 3,440 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.
- 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

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CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	<u>WEIGHT</u>	<u>Grade</u>	<u>Thread</u>	<u>Rating</u> Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 ½"	0 - 60'	13 ¾"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' – 2,300' KB±	8-5%"	32.0#	J-55	STC	2530 PSI	3930 Psi	372,000#
Production	6-¼"	Surface – TD	4-1⁄2"	11.6#	P-110	BTC	7560 PSI	10,690 Psi	279,000#

<u>Note:</u> 12- $\frac{1}{2}$ surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{6}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe Insert Float Collar (PDC drillable) Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Bit, Cross-over sub with float, IB stabilizer, Casing pup jt., IB Stabilizer, 1 joint casing, and balance of casing to surface. All casing will be 4-½", 11.6#, P-110, Buttress and Grant Prideco DWC couplings, with a marker jt. 400' above top of Wasatch. Composite-coated, positive stand-off centralizers will be utilized on the bottom 20 jts. The casing will be rotated via a top-drive system to drill the hole. A cement plug will be landed on the float above the bit.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1 Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

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- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Gas shows.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement Bond / Casing Collar Locator and Pulsed Neutron

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

9. CEMENT PROGRAM:

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Surface Hole Procedure (Surface - 2300'±):

Lead:	278 sks	Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl ₂ , 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft ³ /sk. yield, 23 gps water.
Tail:	312 sks	Class "G" cement with 2% CaCl ₂ , ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft ³ /sk., 5.2 gps water.
Top Out:		As necessary with Class "G" cement with 2% CaCl ₂ , ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft ³ /sk., 5.2 gps water.
Note:		Cement volumes will be calculated to bring lead cement to surface and tail cement to 500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead:	95 sks:	Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft ³ /sk., 24.5 gps water.
Tail:	476 sks:	50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft ³ /sk., 5.9gps water.
Note:		The above number of sacks is based on gauge-hole calculation. Lead volume to be calculated to bring cement to 200° above $9-5/8^{\circ}$ casing shoe. Tail volume to be calculated to bring cement to 400° above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation. <u>This section of hole will be casing drilled and will meet BLM requirement for .422 of cement sheath</u> <u>space on all sides of the casing couplings.</u>

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. <u>Air Drilling Operations:</u>

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
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- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

	UNITED STATE: EPARTMENT OF THE I	NTERIOR		OMB N	APPROVED O. 1004-0135 July 31, 2010
	UREAU OF LAND MANA NOTICES AND REPO		-	5. Lease Serial No. UTU37943	<i>suly</i> 51, 2010
Do not use the abandoned we	e	5. If Indian, Allottee of	or Tribe Name		
SUBMIT IN TRI	PLICATE - Other instruc	ctions on reverse side.	7	. If Unit or CA/Agre CHAPITA WEL	ement, Name and/or No.
1. Type of Well			8	. Well Name and No. CHAPITA WELLS	
☐ Oil Well ⊠ Gas Well ☐ Oth 2. Name of Operator		MARY A. MAESTAS	ç	. API Well No.	
EOG RESOURCES INC	E-Mail: mary_mae	stas@eogresources.com 3b. Phone No. (include area code		43-047-37459 0. Field and Pool, or	Evaluation
600 17TH STREET SUITE 10 DENVER, CO 80202	000 N	Ph: 303-824-5526		NATURAL BUT	TES/WASATCH
4. Location of Well (Footage, Sec., 7	F., R., M., or Survey Description)	1	1. County or Parish,	and State
Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W				UINTAH COUN	TY, UT
12. CHECK APP!	ROPRIATE BOX(ES) TO	D INDICATE NATURE OF	NOTICE, REP	ORT, OR OTHE	R DATA
TYPE OF SUBMISSION		TYPE O	F ACTION		
Notice of Intent		Deepen	Production	n (Start/Resume)	U Water Shut-Off
	□ Alter Casing	Fracture Treat	Reclamation	on	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomple		Other Change to Original
Final Abandonment Notice	 Change Plans Convert to Injection 	Plug and Abandon Plug Back	☐ Temporari	-	PD
referenced well from 6-1/4" to					
A revised drilling plan for casi	ng drilling is attached.				
A revised drilling plan for casi	ng drilling is attached.			COPY SENT TO C	DPERATOR
A revised drilling plan for casi	ng drilling is attached.			COPY SENT TO C Date: 6.25.	
A revised drilling plan for casi	ng drilling is attached.				
A revised drilling plan for casi	ng drilling is attached.			Date: 6.25.	
A revised drilling plan for casis 14. I hereby certify that the foregoing is	s true and correct. Electronic Submission #	₩60659 verified by the BLM We RESOURCESINC. sent to the		Date: <u>6.25</u> . Initials: <u>k</u>	
14. I hereby certify that the foregoing is	s true and correct. Electronic Submission #	RESOURCES INC, sent to the		Date: <u>6.25</u> . Initials: <u>k</u>	
14. I hereby certify that the foregoing is Name(<i>Printed/Typed</i>) MARY A.	s true and correct. Electronic Submission # For EOG MAESTAS	RESOURCES INC, sent to the	Vernal	Date: <u>6.25</u> . Initials: <u>k</u>	
14. I hereby certify that the foregoing is Name(<i>Printed/Typed</i>) MARY A.	s true and correct. Electronic Submission # For EOG MAESTAS	RESOURCES INČ, sent to the Title REGUL Date 06/05/2 DR FEDERAL OR STATE	Vernal ATORY ASSI 008 OFFICE USE	Date: <u>6.25</u> . Initials: <u>k</u> ystem	
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<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,323		Shale	
Mahogany Oil Shale Bed	2,001		Shale	
Uteland Butte MBR	4,086		Limestone	
Wasatch	4,198	Primary	Sandstone	Gas
Chapita Wells	4,748	Primary	Sandstone	Gas
Buck Canyon	5,421	Primary	Sandstone	Gas
North Horn	5,889	Primary	Sandstone	Gas
KMV Price River	6,102		Sandstone	Gas
TD	6,300			

Estimated TD: 6,300' or 200'± below TD

Anticipated BHP: 3,440 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.
- 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> <u>Size</u>	<u>Length</u>	<u>Size</u>	<u>WEIGHT</u>	<u>Grade</u>	<u>Thread</u>	<u>Rating</u> <u>Collapse</u>	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 ½"	0 - 60'	13 ¾"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' – 2,300' KB±	8-5/8"	32.0#	J-55	STC	2530 PSI	3930 Psi	372,000#
Production	6- ¾"	Surface – TD	4-1⁄2"	11.6#	P-110	BTC	7560 PSI	10,690 Psi	279,000#

<u>Note:</u> 12- $\frac{12}{4}$ " surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{6}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

CHAPITA WELLS UNIT 690-34 SW/SE, SEC. 34, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe Insert Float Collar (PDC drillable) Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Bit, Cross-over sub with float, IB stabilizer, Casing pup jt., IB Stabilizer, 1 joint casing, and balance of casing to surface. All casing will be 4-½", 11.6#, P-110, Buttress and Grant Prideco DWC couplings, with a marker jt. 400' above top of Wasatch. Composite-coated, positive stand-off centralizers will be utilized on the bottom 20 jts. The casing will be rotated via a top-drive system to drill the hole. A cement plug will be landed on the float above the bit.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

7. VARIANCE REQUESTS:

<u>Reference:</u> Onshore Oil and Gas Order No. 1 Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Gas shows.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement Bond / Casing Collar Locator and Pulsed Neutron

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead:	278 sks	Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl ₂ , 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft ³ /sk. yield, 23 gps water.
Tail:	312 sks	Class "G" cement with 2% CaCl ₂ , ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft ³ /sk., 5.2 gps water.
Top Out:		As necessary with Class "G" cement with 2% CaCl ₂ , ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft ³ /sk., 5.2 gps water.
Note:		Cement volumes will be calculated to bring lead cement to surface and tail cement to 500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead:	95 sks:	Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft ³ /sk., 24.5 gps water.
Tail:	476 sks:	50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft ³ /sk., 5.9gps water.
Note:		The above number of sacks is based on gauge-hole calculation. Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation. <u>This section of hole will be casing drilled and will meet BLM requirement for .422 of cement sheath</u> <u>space on all sides of the casing couplings.</u>

<u>CHAPITA WELLS UNIT 690-34</u> <u>SW/SE, SEC. 34, T9S, R23E, S.L.B.&M..</u> <u>UINTAH COUNTY, UTAH</u>

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

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- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
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- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

orm 3160-5 ugust 2007)	OMB	1 APPROVED NO. 1004-0135 3: July 31, 2010			
B	5. Lease Serial No.				
Do not use th abandoned we		6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRI	7. If Unit or CA/Agr CHAPITA WEI	eement, Name and/or No.			
1. Type of Well	8. Well Name and No CHAPITA WELL),			
Oil Well 🛛 Gas Well 🗋 Oth 2. Name of Operator	9. API Well No.	.5 UNIT 690-34			
EOG RESOURCES, INC.	43-047-37459				
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202		3b. Phone No. (include area code Ph: 303-824-5526	NATURAL BU	TTÈS/WASATCH	
4. Location of Well (Footage, Sec., 7)	11. County or Parish		
Sec 34 T9S R23E SWSE 696 39.98711 N Lat, 109.31099 W			UINTAH COUI	NTY, UT	
12. CHECK APP	ROPRIATE BOX(ES) TO) INDICATE NATURE OF	NOTICE, REPORT, OR OTHI	ER DATA	
TYPE OF SUBMISSION		ТҮРЕ О	FACTION		
□ Notice of Intent	□ Acidize	Deepen	Production (Start/Resume)	UWater Shut-Off	
Subsequent Report	☐ Alter Casing	Fracture Treat	□ Reclamation	Well Integrity	
	Casing Repair	New Construction Plug and Abandon	Recomplete Temporarily Abandon	Other Production Start-u	
☐ Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
If the proposal is to deepen direction Attach the Bond under which the wo following completion of the involver	ally or recomplete horizontally, ork will be performed or provide d operations. If the operation res bandonment Notices shall be file	give subsurface locations and meas the Bond No. on file with BLM/BL sults in a multiple completion or rec	ng date of any proposed work and appro- ured and true vertical depths of all pert A. Required subsequent reports shall b ompletion in a new interval, a Form 31 ding reclamation, have been completed	inent markers and zones. e filed within 30 days 60-4 shall be filed once	
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DIV. OF OIL, GAS & MINING

				WEL	L CHR REP	ONOLOG ORT	Ϋ́					
	•			Report G	enerated	On: 08–21-	-2008					
Well Name	CW	U 690-34		Well Type	DE	/G		Division		DENV	ER	
Field	CH	APITA WEL		API #	43-	047-37459		Well Clas	8 S	1SA		
County, State	UIN	TAH, UT		Spud Date	06-	14-2008		Class Da	te	08-18-	-2008	
Tax Credit	Ν			TVD / MD	6,30	0/ 6,300		Property	#	057251	l	
Water Depth	0			Last CSG	0.0			Shoe TV	D/MD	4,946/	4,946	
KB / GL Elev	5,35	50/ 5,337									·	
Location	Sect	tion 34, T9S	R23E, SWSE,	, 696 FSL & 206	5 FEL							
Event No	1.0			Description	DR	LL & COMPLE	ETE					
Operator	EOG	G RESOUR	CES, INC	WI %	100	0		NRI %		82.25		
AFE No		303467		AFE Total		1,298,800		DHC/O	CWC	704	,700/ 594	,100
Rig Contr	ELE	NBURG	Rig Name	ELENB	URG #28	Start Date	12-	07–2005	Releas	e Date	06-20	-2008
12-07-2005	Re	eported By										
DailyCosts: Dr	illing	\$0		Com	pletion	\$0		Dail	y Total	\$0		
Cum Costs: Dr	-	\$0			pletion	\$0	,	Well	Total	\$0		
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Formation :			PBTD : 0.4	0		Perf :			PKR I	Depth : (0.0	
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Start End 06:00 0	d 06:00	24.0 L . 6' S U L L C O D C N N	ECTION 34, T INTAH COUN AT 39.987147, AT 39.987114, LENBURG #2 BJECTIVE: 6 W/GAS HAPITA WEL D&A: NATUI ATURAL BU1 EASE: U-379	TA 5' FEL (SW/SE) 9S, R23E FTY, UTAH LONG 109.310 LONG 109.310 8 300' TD, WASA LS PROSPECT RAL BUTTES FTES FIELD	317 (NAD 994 (NAD TCH			NG PREP G	WILLBE	5337) 5	350° KB (13')
						_ (•		.,, .		,
		F	OG WI 100%,	NDI 82 250%								

Field: CHAPITA WELLS UNIT

DailyCosts: Dr	illing	\$38,000		Com	pletion	\$0		Daily '	Total	\$38,000	
Cum Costs: Dr	rilling	\$38,000		Com	pletion	\$0		Well T	otal	\$38,000	
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Activity at Rep	oort Ti	me: BUILD LO	CATION								
Start End	ł	Hrs Activ	ity Desc	ription							
06:00 0	06:00	24.0 LOCA	TION ST	ARTED TODAY	05/20/08						
05-21-2008	R	eported By	TI	ERRY CSERE							
DailyCosts: Dr	illing	\$0		Com	pletion	\$0		Daily '	Total	\$0	
Cum Costs: Dr	illing	\$38,000		Com	pletion	\$0		Well T	otal	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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06:00)6:00	24.0 LOCA	TION 20	% COMPLETE.							
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DailyCosts: Dr	illing	\$0		Com	pletion	\$0		Daily '	Total	\$0	
Cum Costs: Dr	rilling	\$38,000		Com	pletion	\$0		Well T	otal	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		Р	BTD : 0	.0		Perf :			PKR De	pth : 0.0	
Activity at Rep	oort Ti	me: BUILD LO	CATION								
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05-23-2008	R	eported By	TI	ERRY CSERE							
DailyCosts: Dr	illing	\$0		Com	pletion	\$0		Daily '	Total	\$0	
Cum Costs: Di	-	\$38,000			pletion	\$0		Well T	Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		Р	BTD : 0	.0		Perf :			PKR De	pth : 0.0	
Activity at Rep	oort Ti	me: BUILD LO	CATION								
Start En	d	Hrs Activ	ity Desc	ription							
	06:00			- % COMPLETE.							
05-27-2008	R	eported By	TI	ERRY CSERE							
DailyCosts: Dr	illing	\$0		Com	pletion	\$0		Daily '	Total	\$0	
Cum Costs: Di		\$38,000		Com	pletion	\$0		Well T	fotal	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			BTD : 0	0		Perf :			PKR De	pth : 0.0	
Activity at Rep	oort Ti	me: BUILD LO	CATION								
Start En			ity Desc	ription							
)6:00		•	% COMPLETE.							
05-28-2008	R	eported By	TI	ERRY CSERE							

Page 2

Field: CHAPITA WELLS UNIT

	s: Drilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Cost	ts: Drilling	\$38,000		Com	pletion	\$0		Wel	l Total	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n :	P	BTD : (0.0		Perf :			PKR Dep	pth:0.0	
Activity a	t Report Ti	ne: BUILD LO	CATION	Ĩ							
Start	End	Hrs Activ	ity Des	cription							
06:00	06:00	24.0 LOCA	TION 85	5% COMPLETE.							
05-29-20	08 Re	ported By	Т	ERRY CSERE							
DailyCost	s: Drilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Cost	ts: Drilling	\$38,000		Com	pletion	\$0		Wel	l Total	\$38,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n :	Р	BTD : (0.0		Perf :			PKR Dep	pth: 0.0	
Activity a	t Report Tu	me: WO BUCK	ET TRU	СК							
Start	End	Hrs Activ	rity Des	cription							
06:00	06:00			OMPLETE. ROC TOR. CEMENT 1							
				ND MICHAEL L						LD CINCOL	Diningso
06-07-20	08 Re	ported By	Т	ERRY CSERE			A				
DailyCost	ts: Drilling	\$186,28	1	Com	pletion	\$0		Dail	y Total	\$186,281	
Cum Cost	ts: Drilling	\$224,28	1	Com	pletion	\$0		Wel	l Total	\$224,281	
MD	2,118	TVD	2,118	Progress	0	Days	0	MW	0.0	Visc	. 0.0
Formation	n :	Р	BTD : (0.0		Perf :			PKR De	pth:0.0	
	n : t Report Tii		BTD : (0.0		Perf :			PKR De	pth : 0.0	
Formation Activity a Start		me: WORT		0.0 cription		Perf :			PKR Dej	pth : 0.0	
Activity a	t Report Ti	ne: WORT Hrs Activ 24.0 MIRU RAN 8 CEM	r ity Des o J CRAIG 52 JTS (2 NTRALIZ		/8", 32.0# 11DDLE C	8. DRILLED 1 , J–55, ST&C -)F SHOE JOIN	CASING W	ІТН ТОР–С	GL. ENCOUI	NTERED WA	DAT COLLAR.
Activity a Start	t Report Tii End	me: WORT Hrs Activ 24.0 MIRU RAN 8 CEN WASI MIRU VALV CEMI	vity Deso I CRAIG 52 JTS (2 NTRALI2 HED CA I HALLI E TO 30 ENT. MI	cription S AIR RIG #2 O 2119.48') OF 8–5 ZERS SPACED M	/8", 32.0# IIDDLE C DM W/RIC NTERS. H ED 2 BBL 0 400 SX (8. DRILLED I , J–55, ST&C OF SHOE JOIN G PUMP. IELD SAFET S FRESH WAT	CASING W IT AND EV (MEETING 'ER & 20 B	ITH TOP-C ERY COLL G. PRESSUF BLS GELLF	GL. ENCOUI O GUIDE SHO AR TILL GON RE TESTED LI ED WATER FL	NTERED WA OE AND FLO IE. LANDED INES AND C IUSH AHEAI	DAT COLLAR. @ 2132' KB. DEMENT D OF
Activity a Start	t Report Tii End	me: WORT Hrs Activ 24.0 MIRU RAN 8 CEN WASI WASI VALV CEMI PPG V DISPI FLOA	rity Dese I CRAIG 52 JTS (2 NTRALI2 HED CA: I HALLI I HALLI TE TO 30 ENT. MI W/YIELI	cription 'S AIR RIG #2 O 2119.48') OF 8–5 ZERS SPACED M SING TO BOTTC BURTON CEMEJ 000 PSIG. PUMPED DO F 1.18 CF/SX. CEMENT W/160. AT HELD. SHUT-	/8", 32.0# IIDDLE C DM W/RIC NTERS. F ED 2 BBL 0 400 SX (5 BBLS F	8. DRILLED I , J–55, ST&C)F SHOE JOIN G PUMP. HELD SAFET S FRESH WAT 84 BBLS) OF TRESH WATEI	CASING W IT AND EV (MEETING TER & 20 B PREMIUM R. BUMPEE	ITH TOP-C ERY COLL G. PRESSUF BLS GELLF CEMENT V O PLUG W/6	GL. ENCOUI O GUIDE SHO AR TILL GON RE TESTED LI ED WATER FL V/2 % CACL2. 00# @ 6:58 9M	NTERED WA OE AND FL(IE. LANDED INES AND C IUSH AHEAI . MIXED CE M, 6/3/2008. (DAT COLLAR. (a) (a) 2132' KB. (CHECKED) (CHECKED) (CHECKED) (CHECKED)
Activity a Start	t Report Tii End	me: WORT Hrs Activ 24.0 MIRU 8 CEN WASI MIRU VALV CEMI PPG V DISPI FLOA CRAI	vity Dese V CRAIG 52 JTS (2 VTRALI2 HED CAS V HALLI ZE TO 30 ENT. MI V/YIELI LACED (T, FLOA GS RIG. IOB # 1:	cription 'S AIR RIG #2 O 2119.48') OF 8–5 ZERS SPACED M SING TO BOTTC BURTON CEMEJ 000 PSIG. PUMPED DO F 1.18 CF/SX. CEMENT W/160. AT HELD. SHUT-	/8", 32.0# IIDDLE C OM W/RIC NTERS. F ED 2 BBL 0 400 SX (5 BBLS F -IN CASH PED 100 S	8. DRILLED I , J-55, ST&C DF SHOE JOIN 5 PUMP. HELD SAFETY S FRESH WAT 84 BBLS) OF RESH WATEN NG VALVE. N	CASING W IT AND EV (MEETING TER & 20 B PREMIUM R. BUMPEE (O RETURN () OF PREM	ITH TOP-C ERY COLL. 5. PRESSUF BLS GELLF CEMENT V O PLUG W/6 NS. SET 5M	GL. ENCOUI O GUIDE SHO AR TILL GON RE TESTED LI ED WATER FL V/2 % CACL2. 00# @ 6:58 9M STRING WT	NTERED WA OE AND FLO IE. LANDED INES AND C USH AHEAI . MIXED CE M, 6/3/2008. 1 ON BOTTOM	DAT COLLAR. © @ 2132' KB. CEMENT D OF MENT @ 15.6 CHECKED M. RDMO

TOP JOB # 3: MIRU HALLIBURTON CEMENTERS. MIXED & PUMPED 200 SX (41 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 30 MINUTES.

TOP JOB # 4: MIXED & PUMPED 200 SX (41 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

DCT TOOK SURVEYS WHILE DRILLING HOLE @ 1169' - 0.75:, 1920' - 2.0:. AND @ 2090' - 1.75:.

CONDUCTOR LEVEL RECORD: PS= 89.7 OPS= 89.8 VDS= 89.9 MS= 89.8. 9 5/8 CASING LEVEL RECORD: PS= 89.6 OPS= 89.7 VDS= 89.9 MS= 89.8.

KYLAN COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 6/2/2008 @ 8:40 AM.

06-14-20	08 Re	eported By	y D.	FOREMAN/J.S	CHLENKI	ER					
DailyCost	s: Drilling	\$92	2,046	Com	pletion	\$1,509		Dail	y Total	\$93,555	
Cum Cost	ts: Drilling	\$3	16,327	Completion		\$1,509		Well	Total	\$317,836	
MD	2,145	TVD	2,145	Progress	13	Days	1	MW	0.0	Visc	0.0
Formation	n :		PBTD : 0	.0		Perf :			PKR De	pth : 0.0	
Activity a	t Report Ti	me: CIRCU	ULATE & CON	DITION MUD							
Start	End	Hrs A	Activity Desc	ription							
06:00	07:00	1.0 H	RIG DOWN &	SAFETY MEET	'ING W/ H	IALCROFT TR	UCKING	& RIG CREV	N.		
07:00	09:00	2.0 M	MOVE FROM	CWU 722-32 TO	D CWU 69	0-34, RIG UP.	CLEAR L	OCATION @	9 09:00		
		I	NSTALL NIGH	HT CAP W/ FM	C.						
09:00	11:30			TEST DTO HE. TS + 4 MARKE			OWN BOF	CONT. RIC	UP, CLEAN	& DRIFT 4.5	P110,11.6#
		1	FRUCKS OFF	LOCATION @ 1	11:30						
11:30	16:30	5.0 N	NIPPLE UP BC	P, ROT.HEAD,	CHOKE L	INE, KILL LIN	NE VALVE	S, HYD. HO	SES, FUNCT	ION TEST BOI	P.
		F	RIG ON DAY V	VORK @ 11:30,	6/13/08.						
16:30	22:00			UICK TEST & CR, KELLY UP				,		ALVES, CHOKI	E LINE &
		F	PSI LOW & 500	00 PSI HIGH, A	NNULAR	250 PSI LOW	2500 HIGI	I, SURFACE	CSG 1500 PS	SI. GOOD TES	Т.
		١	WITNESS MEI	TON COOPER	, B&C QU	ICK TEST.					
22:00	01:00	3.0 5	SET & CHECK	C-O-MATIC,	P/U BHA '	TRIP IN W/4.5	DRLL CS	G TO DRILI	. 6 3/4 HOLE,	, TAG @ 2028'.	
01:00	03:30	2.5 I	ORILL CEMEN	IT/FLOAT EQU	IP FROM	2028' TO 2132	'+ 10' FOF	RMATION TO	O 2145'.		
03:30	04:00	0.5 F	PERFORMED	FIT W/ 8.8 WT.	@ 2132',	190 PSI. EMW	10.5.				
04:00	06:00	2.0 0	CIRC & COND	MUD FROM 8	.9 & 33, V	IS TO 9 & 40 V	/IS.				
		N	MUD LOSS LA	ST 24 HRS. 0 B	BLS.						
		N	MUD WT.9. VI	S.40							
		F	ROT 30, P/U 30	, S/O 28.							
			ACCIDENTS N	ONE REPORTE	ED.						

FUNCTION CROWN–O–MATIC. SAFETY MEETING: TIH, HOUSEKEEPING. CREWS FULL. FUEL ON HAND: 2102, GALS. USED: 240 , GALS.

GAS BG.25 U, CONN. 73 U. LITHOLOGY; SAND/ SHALE. MUD LOGGER UNMANED ON LOCATION F/ 6/13/08 (1 DAY).

06:00 06:00 24.0 SPUD 6-3/4" HOLE @ 2:00 AM, 6/14/08

)6-15-200	08 Re	ported I	By D.F	FOREMAN/J.S	CHLENKE	ER					
DailyCost	s: Drilling	\$	53,754	Con	npletion	\$1,509		Daily	y Total	\$55,263	
Cum Cost	s: Drilling	\$3	370,081	Con	npletion	\$3,018		Well	Total	\$373,099	
MD	3,223	TVD	3,223	Progress	1,057	Days	2	MW	9.1	Visc	45.0
Formation	1:		PBTD : 0.0)		Perf :			PKR Dep	oth: 0.0	
Activity at	t Report Tii	ne: DRII	LING @ 3223'								
start	End	Hrs	Activity Descr	iption							
06:00	07:00	1.0	CIRC. COND. M	IUD TO 47 VI	S. W 9. WT						
07:00	15:00	8.0	DRLG. 6 3/4 HC	DLE F/ 2145' T	O 2582', 43	37', ROP 54.6',	WOB 10, 1	RPM 60, TR	Q 1200.		
15:00	15:30	0.5	SERVICE RIG.								
15:30	00:30	9.0	DRLG. F/ 2582'	TO 3003', 421	', ROP 46.	7', WOB 10/11	RPM 60, 1	rqr 12/1300) PSI.		
00:30	01:00	0.5	SERVICE RIG.								
01:00	06:00	5.0	DRLG. 3003' TO	0 3223',220',R	OP,44',WO	B,8/10,RPM,7	I,TQ,12/13	00 PSI. X 4.9	933= 6413.FT	LB.	
			MUD LOSS LA	ST 24 HRS. 0	BBLS.						
			MUD WT.9.2 V	S.48.							
			ROT 34, P/U 34,	S/O 32.							
			ACCIDENTS N	ONE REPORT	ΈD.						
			FUNCTION CR	OWN-O-MA	ГIC.						
			SAFETY MEET	ING:HOUSE	KEEPING.						
			CREWS FULL.								
			FUEL ON HAN	D: 6000, GAL	S. USED: 6	02 , GALS.					
			GAS BG.25 U, O	CONN. 183 U.							
			LITHOLOGY; S	SAND/ SHALE	5.						
			MUD LOGGER	UNMANNEE	ON LOCA	ATION F/ 6/13/	08 (2 DAY)).			
6-16-20	08 Re	ported 1	By D.I	FOREMAN/J.S	SCHLENKI	ER					
DailyCost	s: Drilling	\$	29,990	Cor	npletion	\$1,509		Dail	y Total	\$31,499	
Cum Cost	ts: Drilling	\$	400,071	Cor	npletion	\$4,527		Well	l Total	\$404,598	
Œ	4,255	TVD	4,255	Progress	1,253	Days	2	MW	9.6	Visc	47.0
Formatio	n :		PBTD : 0.	0		Perf :			PKR De	pth: 0.0	
Activity a	t Report Ti	me: DRI	LLING @ 4255'								
-	End	Hrs	Activity Desc								

Well Name: CWU 690-34

Property: 057251

06:00	15:30	9.5 DRLG F/3002' TO 3675', 673', ROP 70.8'. WOB 10, RPM 70, TRQ 1300 PSI = 6,400 FT/#.
15:30	16:00	0.5 SERVICE RIG.
16:00	00:30	8.5 DRLG F/3675' TO 4088', 413'. ROP 48.5', WOB 10, RPM 60/65, TRQ 1335 PSI = 6,536 FT#.
00:30	01:00	0.5 SERVICE RIG.
01:00	06:00	5.0 DRLG F/4088' TO 4255', 167'. ROP 33.4', WOB 10, RPM 60/65, TRQ 1300/1335 = 6,536 FT#.

MUD LOSS LAST 24 HRS. 0 BBLS. MUD WT 9.6, VIS 48. ROT 44, P/U 47, S/O 43. ACCIDENTS NONE REPORTED. FUNCTION CROWN–O–MATIC. SAFETY MEETING:WINCH LINES /MIX CHEM. CREWS FULL. FUEL ON HAND: 5076 GALS. USED: 974 GALS.

GAS BG.49 U, CONN. 83 U. LITHOLOGY; SAND/ SHALE. MUD LOGGER UNMANNED ON LOCATION F/ 6/13/08 (3 DAY).

06-17-2008	Re	ported By	Ľ	D.FOREMAN/J.S	CHLENK	ER			-		
DailyCosts: I	Drilling	\$28,	456	Con	npletion	\$1,509		Daily	Total	\$29,965	
Cum Costs: 1	Drilling	\$428	3,528	Con	apletion	\$6,036	. •	Well	Fotal	\$434,564	
MD	4,865	TVD	4,865	Progress	610	Days	3	MW	10.0	Visc	45.0
Formation :			PBTD :	0.0		Perf :			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 4865'

Start	End	Hrs	Activity Desc	ription								
06:00	15:30	9.5	DRILL ROTAT	E 4255' TO 458	9' 334' RO	P 35' WOB 12	RPM 70 TH	RQ 6400				
15:30	16:00	0.5	SERVICE RIG.									
16:00	06:00	14.0	DRILL ROTAT	E 4589' TO 486	5' 276' RO	P 20' WOB 12	2/14 RPM 7	0 TRQ 6	700.			
			MUD LOSS LA	ST 24 HRS. 0	BBLS.							
			MUD WT 9.8	VIS 49.								
			ROT 50 P/U 56	S/O 48.								
			ACCIDENTS N	IONE REPORT	ED.							
			FUNCTION CF	ROWN-O-MA	FIC.							
			SAFETY MEE	FING:EYE PRO	TECTION	•						
			CREWS FULL.									
			FUEL ON HAN	ID: 4404 GALS	USED 67	2 GALS.						
			GAS BG 47 U	CONN 76 U.								
			LITHOLOGY	SAND/ SHAL	E.							
			MUD LOGGER	R UNMANNED	ON LOCA	TION SINCE	6/13/08 (4 J	DAYS).				
06-18-20	08 Re	eported l	By D.	FOREMAN/J.S	CHLENKE	ER						
DailyCost	s: Drilling	\$	32,597	Cor	npletion	\$1,509		r	Daily Tota	1	\$34,106	
Cum Cost	ts: Drilling	\$	461,126	Cor	npletion	\$7,545		V	Vell Total		\$468,671	
MD	5,233	TVD	5,233	Progress	368	Days	4	MW		0.0	Visc	0.0

Activity at Report Time: DRLLING @ 5233'

Start	End	Hrs Activity	y Description							
06:00	15:30	9.5 DRILL F	ROTATE 4865' TO 50	49' 184' RO	P 19 WOB 14	RPM 70 T	RQ 6500'/#			
15:30	16:00	0.5 SERVIC	E RIG.							
16:00	06:00	14.0 DRILL F	ROTATE 5049' TO 52	33' 184 ROP	13.1' WOB 18	RPM 68 TI	RQ 6415'/#.			
		MUD LO	OSS LAST 24 HRS. (BBLS.						
		MUD W	T 9.6 VIS 46.							
		ROT 54	P/U 60 S/O 52.							
		ACCIDE	ENTS NONE REPOR	TED.						
		FUNCT	ION CROWN-O-MA	ATIC.						
		SAFETY	Y MEETING:PROPE	R LIFTING 1	ECHNIQUE.					
		CREWS	FULL.							
		FUEL O	N HAND: 3871 GAL	S USED 43	3 GALS.					
		GAS BC	G 45 U SHOW 4500 I	J @ 5220'.						
		LITHOL	LOGY SAND/ SHAI	LE.						
		MUD LO	OGGER UNMANNE	D ON LOCA	TION SINCE 6	/13/08 (5 D	DAYS).			
06-19-20)08 Re	ported By	D.FOREMAN/J	SCHLENKE	R					
DailvCos	ts: Drilling	\$31,585	Ca	mpletion	\$0		Daily	y Total	\$31,585	
-	ts: Drilling	\$494,216		mpletion	\$7,545		Well	Total	\$501,761	
	-			492		5	MW	9.8	Visc	43.0
MD	5,725		5,725 Progress	492	Days	5	IVI VV			
Formatio			TD : 0.0		Perf :			PKR De	ptn : 0.0	
Activity a	at Report Ti	me: DRILLING @								
Start	End	Hrs Activity	y Description							
06:00	16:30	10.5 DRILL	ROTATE 5233' TO 54	67' 229' RO	OP 22 WOB 12	/16 RPM 7	2 TRQ 680	0		
16:30	17:00	0.5 SERVIC	E RIG							
17:00	00:30	7.5 DRILL I	ROTATE 5467' TO 56	533' 166' RC	OP 22 WOB 13	RPM 70 T	RQ 6900			
00:30	01:00	0.5 SERVIC	CE RIG							
	06:00									
01:00		5.0 DRILL	ROTATE 5633' TO 57	25' 92' ROF	18 WOB 13	RPM 65 TO	QR 6460			
01:00			ROTATE 5633' TO 57 OSS LAST 24 HRS. (18 WOB 13	RPM 65 TC	QR 6460			
01:00		MUD LO			9 18 WOB 13	RPM 65 TC	QR 6460			
01:00		MUD LO MUD W	OSS LAST 24 HRS. (9 18 WOB 13	RPM 65 TC	Q R 6460			
01:00		MUD LO MUD W ROT 60	OSS LAST 24 HRS. (/T 9.7 VIS 43.) BBLS.	9 18 WOB 13	RPM 65 TC	QR 6460			
01:00		MUD LA MUD W ROT 60 ACCIDE	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57.) BBLS. TED.	9 18 WOB 13	RPM 65 TC	QR 6460			
01:00		MUD L4 MUD W ROT 60 ACCIDI FUNCT	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR) BBLS. TED. ATIC.		RPM 65 TC	QR 6460			
01:00		MUD L4 MUD W ROT 60 ACCIDI FUNCT	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR ION CROWN–O–MA Y MEETING:PPE &) BBLS. TED. ATIC.		RPM 65 TC	QR 6460			
01:00		MUD LA MUD W ROT 60 ACCIDI FUNCT SAFET CREWS	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR ION CROWN–O–MA Y MEETING:PPE &) BBLS. TED. ATIC. POWER WA	SHING.	RPM 65 TC	QR 6460			
01:00		MUD LA MUD W ROT 60 ACCIDE FUNCT SAFET CREWS FUEL C	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR ION CROWN–O–M. Y MEETING:PPE & S FULL.) BBLS. TED. ATIC. POWER WA LS USED: 6:	SHING.	RPM 65 TC	QR 6460			
01:00		MUD LO MUD W ROT 60 ACCIDI FUNCT SAFET CREWS FUEL C GAS BC	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR ION CROWN-O-M. Y MEETING:PPE & 5 FULL. ON HAND: 3218 GAI) BBLS. TED. ATIC. POWER WA LS USED: 6: U @5514'.	SHING.	RPM 65 TC	QR 6460			
01:00		MUD LO MUD W ROT 60 ACCIDI FUNCT SAFET CREWS FUEL C GAS BC LITHOI	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR TON CROWN-O-M. Y MEETING:PPE & S FULL. ON HAND: 3218 GAI G 50 U SHOW 2400) BBLS. TED. ATIC. POWER WA .S USED: 65 U @5514'. LE.	SHING. 53 GALS.					
		MUD LO MUD W ROT 60 ACCIDI FUNCT SAFET CREWS FUEL C GAS BC LITHOI	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR ION CROWN-O-M. Y MEETING:PPE & S FULL. DN HAND: 3218 GAI G 50 U SHOW 2400 LOGY SAND/ SHA) BBLS. TED. ATIC. POWER WA LS USED: 6: U @5514'. LE. ED ON LOCA	SHING. 53 GALS. ATION SINCE (
06-20-20		MUD LA MUD W ROT 60 ACCIDE FUNCT SAFET CREWS FUEL C GAS BC LITHOI MUD L	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR ION CROWN-O-M. Y MEETING:PPE & S FULL. ON HAND: 3218 GAI G 50 U SHOW 2400 LOGY SAND/ SHA OGGER UNMANNE D.FOREMAN/J) BBLS. TED. ATIC. POWER WA LS USED: 6: U @5514'. LE. ED ON LOCA	SHING. 53 GALS. ATION SINCE (DAYS).	y Total	\$28,952	
06–20–20 DailyCos	008 R	MUD LA MUD W ROT 60 ACCIDI FUNCT SAFET CREWS FUEL C GAS BC LITHOI MUD L	OSS LAST 24 HRS. (/T 9.7 VIS 43. P/U 68 S/O 57. ENTS NONE REPOR ION CROWN-O-M. Y MEETING:PPE & S FULL. ON HAND: 3218 GAI G 50 U SHOW 2400 LOGY SAND/ SHA OGGER UNMANNE D.FOREMAN/J) BBLS. TED. ATIC. POWER WA LS USED: 6: U @5514'. LE. ED ON LOCA	SHING. 53 GALS. ATION SINCE (ER		DAYS). Dail	y Total Total	\$28,952 \$530,713	

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Formatio	n:	PB	STD : 0.0		Perf :			PKR De	pth : 0.0	
Activity a	ıt Report Ti	me: DRILLING @	@ 6245'							
Start	End	Hrs Activity	ty Description	1						
06:00	14:30	8.5 DRILL I	ROTATE 5725'	TO 5883' 158'	ROP 19 WOB 14	4/16 RPM 7	72 TRQ 6650).		
14:30	15:00			TED STATE OF TING LONG ST	UTAH (DAVID I 'RING.	HACKFORI	D BY E-MA	IL) & BLM (J	IAIME SPARG	ER @ 435-
15:00	06:00				ROP 24 WOB 1	2 RPM 70	TRQ 6800.			
		MUD LO	OSS LAST 24	HRS. 0 BBLS.			-			
		MUD W	VT 10 VIS 42.							
		ROT 70	P/U 75 S/O 6	7.						
		ACCIDE	ENTS NONE R	EPORTED.						
		FUNCT	ION CROWN-	-O-MATIC.						
		SAFETY	Y MEETING:P	PE & POWER W	ASHING.					
		CREWS	S FULL.							
		FUEL O	ON HAND: 240	3 GALS USED:	815 GALS.					
		GAS BC	G 56 U SHOW	350 U @ 6220'.						
		LITHOL	LOGY SAND	/ SHALE.						
		MUD LO	OGGER UNM	ANNED ON LO	CATION SINCE	6/13/08 (7]	DAYS).			
06-21-20	08 Re	eported By	D.FOREM	IAN/J.SCHLEN	KER		- haffud (
DailyCost	ts: Drilling	\$12,654		Completion	s \$67,376		Daily	v Total	\$80,030	
Cum Cos	ts: Drilling	\$535,822		Completion	n \$74,921		Well	Total	\$610,744	
MD	6,300	TVD 6	6,300 Prog	gress 55	Days	7	MW	9.8	Visc	43.0
Formatio	n:	PB	TD : 0.0		Perf :			PKR Dej	pth: 0.0	
Activity a	it Report Ti	me: RDRT/WO CO	OMPLETION							
Start	End	Hrs Activity	y Description	1						
06:00	08:30	2.5 DRILL F	ROTATE 6245'	TO 6300' TD 55	' ROP 22 WOB	15 RPM 7	0 TRQ 6520.	REACHED	TD @ 08:30 HI	RS, 6/20/08.
08:30	11:30				& LANDING JO WAIT ON SCH				G W/ FULL SI	RING WT
11:30	12:30	1.0 SAFETY PSI OK.		// SCHLUMBER	GER & RIG CR	EW. RIG U	P SCHLUME	BERGER EQU	JIP, TEST LINI	ES TO 4000
12:30	13:30	4 1/2 P- D046.2% YIELD 2 EXTENI YIELD 1 & DISP. JOB. DR	-110 11.6# CSG % ANTIFOAM, 2.98 FT3/SK H IDER, D046 .19 1.29 FT3/SK H TO BOTTOM ROP PLUG @ 1	 LEAD 79.6 BI D013 .5% RATA 20 18.227 GALA ANTIFOAM, I 20 5.94 GAL/SK W/FRESH WAT 13:05, BUMPED 	WASH & 20 BE 3LS, 150 SKS. G ARDER, D065.5 SK@ 11.5.PPG. D167.2% FLUID (@ 14.1 PPG. SF ER.98 BBLS. AV PLUG @ 13:25 (@ 13:27 CEMEN	+ ADDS; I % DISPER TAIL; 105.0 LOSS, DO IUTDOWN G. DISP. R. TO 2000 PS	2020 10%EX SANT, D130 6 BBLS, 460 65 .2% DISP 1, WASH OUT ATE 4.88 BP 51, 500 PSI O	TENDER, DI .125LB/SK B SKS 50/50 PC ERSANT, S00 F PUMPS & I M, FULL RE VER LIFT PS	167 .2% FLUID LEND LOST (DZ G + ADDS; 01 1% ACCELI LINES, DROP ⁷ FURNS THRO I, HOLD PRES	LOSS, CIRC, D020 2% ERATOR. FOP PLUG UGH OUT
13:30	14:30	1.0 W/O CE	EMENT & RIG	DOWN LINES.						
14:30	16:00		/E LANDING J CE TOOL.	T. INSTALL PA	CKOFF SEAL A	SSEMBLY,	UNLOCK B	OP DTO HEA	AD W/ FMC RI	EP.L/D
16:00	20:00	4.0 CLEAN	MUD TANKS	& N/D BOP. RIG	G RELEASE CO	ST \$ 535,42	22.			
					Page 8					

06:00	06:00	24.0 RELI	EASE RIG	@ 20:00 HRS, (5/20/2008.						
				T COST \$535,82							
06-25-2008	Re	ported By	SE	EARLE							
DailyCosts:		\$0		Com	pletion	\$38,495		Daily	7 Total	\$38,495	
Cum Costs:	_	\$535,82	22		pletion	\$113,416		Well	Total	\$649,239	
MD	6,300	TVD	6,300	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation :	:	l	PBTD : 0	.0		Perf :			PKR De	pth : 0.0	
Activity at I	Report Ti	me: PREP FOF	R FRACS								
Start 1	End	Hrs Acti	vity Desc	ription							
06:00	06:00				G WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD	TO 470'. ES	CEMENT TO	P@ 720'.
			CHLUME								
06-28-2008		eported By	JC	DE VIGIL	a	¢1 702		r. "	- T- 4 - 1	¢1 772	
DailyCosts:	0	\$0 \$525.8/	22		pletion	\$1,723 \$115,130		-	y Total Total	\$1,723 \$650,962	
Cum Costs:	-	\$535,8			pletion	\$115,139	n		10tai 0.0	\$050,902 Visc	0.0
MD Formation :	6,300	TVD	6,300 P BTD : 0	Progress	0	Days Perf :	9	MW	0.0 PKR De		0.0
		me: WO COM		1.0		ren:			I KK De	pui : 0.0	
•	-										
Start 1 06:00	End 06:00		vity Desc	-	IRE TEST	ED FRAC TREE	& CAS	ING TO 8500	PSIG. WO C	OMPLETION.	
07-02-2008		eported By		DE VIGIL							
		s0			pletion	\$195,515		Daib	y Total	\$195,515	
DailyCosts: Cum Costs:	-	\$535,8	77		pletion	\$310,654		-	Total	\$846,477	
MD	6,300	TVD	6,300	Progress	0	Davs	10	MW	0.0	Visc	0.0
Formation			PBTD : (0	Ū	Perf : 4996'-			PKR De		
		me: PREP TO								•	
-	End		vity Desc	ription							
06:00	06:00	24.0 RU 0 5960 SCH GAL	CUTTERS '-61', 598 LUMBER . 16# YF11	WIRELINE & F 32'-83', 6002'-0 GER, FRAC DO 6ST W/1# & 1.5	03', 6022'- 9WN CASI 6# 20/40 S/	TE NH FROM 58 -23', 6052' -53', , ING WITH 165 C AND, 42156 GAJ G. ATR 47 BPM.	5059'–60 GAL GYF 2. 16# YF)', 6067'–70' PTRON T–10 116ST+ W/14	@ 3 SPF @ 1 6, 4160 GAL 18000# 20/40	20° PHASING. 16# YF116ST P SAND @ 1–5 F	RDWL. RU AD, 10518
		5691	'-92', 570)9'–10', 5714'–1 GER, FRAC DC	.5', 5729'- WN CASI	ATE BA FROM -30', 5748'-49', ING W/2077 GA	5777'–78 L 16# YF	3', 5794'–95' 116ST PAD,	@ 3 SPF @ 1 4230 GAL 16	20° PHASING. 5# YF116ST W/1	RDWL. RU # & 1.5#
		20/4	O SAND, 3	35731 GAL YF1		SCHLUMBER		1–4 PPG. IVI I	1 00 10 1 510		

RUWL. SET 6K CFP AT 5350'. PERFORATE CA FROM 5204'-06', 5210'-12', 5220'-21', 5238'-39', 5248'-49', 5272'-73', 5282'-83', 5295'-96', 5310'-11', 5315'-16' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/2071 GAL 16# YF116ST PAD, 4214 GAL 16# YF116ST W/1# & 1.5# 20/40 SAND, 35602 GAL YF116ST+ W/115400# 20/40 SAND @ 1-4 PPG. MTP 6119 PSIG. MTR 53 BPM. ATP 3357 PSIG. ATR 48.5 BPM. ISIP 1350 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CFP AT 5185'. PERFORATE CA FROM 4996'-97', 5004'-05', 5045'-46', 5052'-53', 5081'-82', 5086'-88', 5147'-48', 5152'-53', 5156'-58', 5169'-70' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/2074 GAL 16# YF116ST PAD, 4226 GAL 16# YF116ST W/1# & 1.5# 20/40 SAND, 26166 GAL YF116ST+ W/77000# 20/40 SAND @ 1-4 PPG. MTP 7817 PSIG. MTR 53 BPM. ATP 3721 PSIG. ATR 48 BPM. ISIP 1712 PSIG. RD SCHLUMBERGER.

RUWL. SET 6K CBP AT 4836'. RD WIRELINE. SDFN.

07-10-2008	Reported	i By B	AUSCH							
DailyCosts: Dril	ling	\$0		Completion	\$17,548		Daily T	otal	\$17,548	
Cum Costs: Dril	ling	\$535,822		Completion	\$328,202		Well To	ətal	\$864,025	
MD 6,3	00 TVD	6,300	Progres	ss 0	Days	11	MW	0.0	Visc	0.0
Formation : WAS	SATCH	PBTD : (0.0		Perf : 4996'-	6070'		PKR Dep	oth: 0.0	
Activity at Repo	rt Time: M	IRUSU. C/O AFTI	ER FRAC.							

Start End Hrs Activity Description

07:00 15:00 8.0 MIRUSU. UNLOAD TBG. ND FRAC VALVES. NU BOPE. MU 3 7/8" MILL, POBS, 1 JT 2 3/8" 4.7# N-80 TBG. XN NIPPLE. TALLY AND PU 148 JTS OF TBG. TAGGED PLUG @ 4836'. RU TO D/O PLUGS. SIFN.

07-11-2008	Repo	orted By	BAUSCH							
DailyCosts: D	rilling	\$0	Co	mpletion	\$8,025		Daily	Total	\$8,025	
Cum Costs: D	Drilling	\$535,822	Co	mpletion	\$336,227		Well	Fotal	\$872,050	
MD	6,300 T	CVD 6,30	0 Progress	0	Days	12	MW	0.0	Visc	0.0
Formation : \	VASATCH	PBTD	: 6140.0		Perf: 4996'-	-6070'		PKR Dej	oth: 0.0	

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description

07:00 06:00 23.0 SICP 0 PSIG. SISCP 0 PSIG. FLOAT WOULD NOT HOLD PRESSURE. POH TO CHANGE OUT FLOAT. RIH W/BIT & PUMP OFF SUB. CLEANED OUT & DRILLED OUT PLUGS @ 4836', 5185', 5350', 5582' & 5815'. RIH. CLEANED OUT TO PBTD @ 6140'. LANDED TBG AT 4946' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 12 HRS. 32/64" CHOKE. FTP 850 PSIG. CP 1100 PSIG. 89 BFPH. RECOVERED 1070 BLW. 4481 BLWTR.

TUBING DETAIL: LENGTH:

PUMP OFF SUB 1.00' 1 JT 2–3/8" 4.7# N–80 TBG 31.82' XN NIPPLE 1.30' 151 JTS 2–3/8" 4.7# N–80 TBG 4898.41' 2–3/8" N80 NIPPLE & COUPLING .60' BELOW KB 13.00' LANDED @ 4946.13' KB

DailyCosts: Drilling	\$0		Com	pletion	\$2,425		Daily	y Total	\$2,425	
Cum Costs: Drilling	\$535,82	2	Com	pletion	\$338,652		Well	Total	\$874,475	
AD 6,300	TVD	6,300	Progress	0	Days	13	MW	0.0	Visc	0.0
ormation : WASATC	н Р	BTD : 61	40.0		Perf : 4996'-	6070'		PKR Dep	oth: 0.0	
ctivity at Report Ti	me: FLOW TES	T								
tart End		ity Descr	-							
06:00 06:00	24.0 FLOW	VED 24 HI	RS. 32/64" CHC	KE. FTP 8	50 PSIG. CP 15	50 PSIG.	56 BFPH. R	ECOVERED 1	360 BLW. 3121	BLWTR
07–13–2008 R	eported By	BA	USCH							
DailyCosts: Drilling	\$0		Com	pletion	\$2,425		Daily	y Total	\$2,425	
Cum Costs: Drilling	\$535,82	2	Com	pletion	\$341,077		Well	Total	\$876,900	
MD 6,300	TVD	6,300	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : WASATC	EH P	BTD : 61	140.0		Perf: 4996'-	6070'		PKR De _l	oth: 0.0	
Activity at Report Ti	me: FLOW TES	ST								
tart End	Hrs Activ	ity Desci	ription							
06:00 06:00	24.0 FLOW	VED 24 HI	RS. 32/64" CHC	KE. FTP	000 PSIG. CP 1	500 PSIC	5. 33 BFPH. I	RECOVERED	800 BLW. 2321	BLWTR
7–14–2008 R	eported By	BA	USCH							
DailyCosts: Drilling	\$0		Com	pletion	\$2,425		Dail	y Total	\$2,425	
Terre Castar Duilling	\$535,82	2	Com	pletion	\$343,502		Well	Total	\$879,325	
um Cosis: Drining				0	Days	15	MW	0.0	Visc	0.0
Ũ	TVD	6,300	Progress	0	Days					
D 6,300		6,300 P BTD : 61	0	0	Days Perf : 4996'-			PKR Dej	oth : 0.0	
D 6,300 Formation : WASATC	сн І	PBTD : 61	0	U	·			PKR Dej	oth : 0.0	
D 6,300 Formation : WASATC	CH I me: WO FACIL	PBTD : 61	140.0	U	·			PKR Dej	oth : 0.0	
D 6,300 Formation : WASATC Activity at Report Ti	CH FACIL Me: WO FACIL Hrs Activ 24.0 FLOV	PBTD : 61 LITIES vity Descu	140.0 ription RS. 32/64" CHC		·	-6070'	20 BFPH. R			BLWTR.
MD 6,300 Formation : WASATC Activity at Report To Start End	CH F me: WO FACIL Hrs Activ 24.0 FLOV WO F	PBTD : 61 JITIES vity Descu VED 24 HI FACILITIE	140.0 ription RS. 32/64" CHC	DKE. FTP	Perf : 4996'-	-6070'	20 BFPH. R			BLWTR.
MD 6,300 Formation : WASATC Activity at Report To Start End 06:00 06:00	CH F me: WO FACIL Hrs Activ 24.0 FLOV WO F	PBTD : 61 JTIES vity Descr VED 24 HI FACILITIE L COMPL	140.0 ription RS. 32/64" CHC SS.	DKE. FTP	Perf : 4996'-	-6070'	20 BFPH. R			BLWTR.
MD 6,300 Formation : WASATC Activity at Report Tr Start End 06:00 06:00 08–19–2008 R	CH F me: WO FACIL Hrs Activ 24.0 FLOV WO F	PBTD : 61 JTIES vity Descr VED 24 HI FACILITIE L COMPL	140.0 ription RS. 32/64" CHC S. LETION DATE: JANE COOK	DKE. FTP	Perf : 4996'-	-6070'				BLWTR.
VID 6,300 Formation : WASATC Activity at Report Tr Start End 06:00 06:00 08-19-2008 R DailyCosts: Drilling	CH F me: WO FACIL Hrs Activ 24.0 FLOV WO F FINA eported By	PBTD : 61 JITIES vity Descr VED 24 HI FACILITIE L COMPL DU	140.0 ription RS. 32/64" CHC SS. LETION DATE: JANE COOK Con	DKE. FTP 9 7/13/08	Perf : 4996'-	-6070'	Dail	ECOVERED 4	485 BLW. 1836	BLWTR.
AD 6,300 Formation : WASATC Activity at Report Tr Start End 06:00 06:00 08–19–2008 R DailyCosts: Drilling Cum Costs: Drilling	CH F me: WO FACIL Hrs Activ 24.0 FLOW 24.0 FLOW WO F FINA eported By \$0	PBTD : 61 JITIES vity Descr VED 24 HI FACILITIE L COMPL DU	140.0 ription RS. 32/64" CHC S. LETION DATE: JANE COOK Con Con	OKE. FTP 9 7/13/08 apletion apletion	Perf : 4996'- 2000 PSIG. CP 15 \$0 \$343,502	-6070'	Dail	ECOVERED 4	485 BLW. 1836 \$0	BLWTR.
AD 6,300 Formation : WASATC Activity at Report Tr Start End 06:00 06:00 18–19–2008 R DailyCosts: Drilling Cum Costs: Drilling MD 6,300	CH F me: WO FACIL Hrs Activ 24.0 FLOV 24.0 FLOV WO F FINA eported By \$0 \$535,82 TVD	PBTD : 61 JITIES vity Descr VED 24 HI FACILITIE L COMPL DU	140.0 ription RS. 32/64" CHC SS. LETION DATE: JANE COOK Con Con Progress	OKE. FTP 9 7/13/08 apletion apletion	Perf : 4996'- 2000 PSIG. CP 15 \$0 \$343,502	-6070' 00 PSIG. 	Dail Well	ECOVERED 4 y Total	\$0 \$879,325 Visc	
MD 6,300 Formation : WASATC Activity at Report Tr Start End 06:00 06:00 08–19–2008 R DailyCosts: Drilling Cum Costs: Drilling MD 6,300 Formation : WASATC	CH FINA Mrs Activ 24.0 FLOV 24.0 FLOV WO FINA FINA Eported By \$0 \$535,82 TVD CH I	PBTD : 61 JITIES VITY Descrived VED 24 HI FACILITIE L COMPL DU 22 6,300 PBTD : 6	140.0 ription RS. 32/64" CHC SS. LETION DATE: JANE COOK Con Con Progress 140.0	OKE. FTP 9 7/13/08 apletion apletion	Perf : 4996'- 900 PSIG. CP 15 \$0 \$343,502 Days	-6070' 00 PSIG. 	Dail Well	ECOVERED 4 y Total I Total 0.0	\$0 \$879,325 Visc	
Formation : WASATC Activity at Report Ti Start End 06:00 06:00 08–19–2008 R DailyCosts: Drilling Cum Costs: Drilling	CH FINA Hrs Activ 24.0 FLOV 24.0 FLOV WO H FINA eported By \$0 \$535,82 TVD CH I ime: INITIAL P	PBTD : 61 JITIES VITY Descrived VED 24 HI FACILITIE L COMPL DU 22 6,300 PBTD : 6	140.0 ription RS. 32/64" CHC SS. LETION DATE: JANE COOK Con Progress 140.0 ION	OKE. FTP 9 7/13/08 apletion apletion	Perf : 4996'- 900 PSIG. CP 15 \$0 \$343,502 Days	-6070' 00 PSIG. 	Dail Well	ECOVERED 4 y Total I Total 0.0	\$0 \$879,325 Visc	
MD 6,300 Formation : WASATC Activity at Report Tr Start End 06:00 06:00 08–19–2008 R DailyCosts: Drilling MD 6,300 Formation : WASATC Activity at Report T	CH FINA me: WO FACIL Hrs Activ 24.0 FLOV 24.0 FLOV WO F FINA eported By \$0 \$535,82 TVD CH I ime: INITIAL P Hrs Activ 24.0 INITI QUE	PBTD : 61 JTTIES vity Descr VED 24 HI FACILITIE L COMPL DU 22 6,300 PBTD : 6 RODUCTI vity Desc IAL PROD	140.0 ription RS. 32/64" CHC IS. LETION DATE: JANE COOK Con Progress 140.0 ION ription DUCTION- OPF LES AT 9:30 HR	7/13/08 7/13/08 apletion apletion 0	Perf : 4996'- 900 PSIG. CP 15 \$0 \$343,502 Days	-6070' 00 PSIG. -6070' 50 PSIG	Dail Well MW & CP 1950 P	ECOVERED 4 y Total I Total 0.0 PKR Dej PSIG. TURNEI	\$0 \$0 \$879,325 Visc pth : 0.0	0.0 TO
MD 6,300 Formation : WASATC Activity at Report Tr Start End 06:00 06:00 08–19–2008 R DailyCosts: Drilling MD 6,300 Formation : WASATC Activity at Report T Start End 06:00 06:00	CH FINA me: WO FACIL Hrs Activ 24.0 FLOV 24.0 FLOV WO F FINA eported By \$0 \$535,82 TVD CH I ime: INITIAL P Hrs Activ 24.0 INITI QUE	PBTD : 61 JTTES vity Descr VED 24 HI FACILITIE L COMPL DU 22 6,300 PBTD : 6 PRODUCTI vity Desc IAL PROD STAR SAL ER #7837.	140.0 ription RS. 32/64" CHC IS. LETION DATE: JANE COOK Con Progress 140.0 ION ription DUCTION- OPF LES AT 9:30 HR	7/13/08 7/13/08 apletion apletion 0	Perf : 4996'- 900 PSIG. CP 15 \$0 \$343,502 Days Perf : 4996'- ESSURE: TP 18	-6070' 00 PSIG. -6070' 50 PSIG	Dail Well MW & CP 1950 P	ECOVERED 4 y Total I Total 0.0 PKR Dej PSIG. TURNEI	\$0 \$0 \$879,325 Visc pth : 0.0	0.0 TO
MD6,300Formation : WASATCActivity at Report TiStartEnd06:0006:0008-19-2008RDailyCosts: DrillingCum Costs: DrillingMD6,300Formation : WASATCActivity at Report TStartEnd06:0006:0008-20-2008R	CH I me: WO FACIL Hrs Activ 24.0 FLOV WO F FINA eported By \$0 \$535,82 TVD CH I ime: INITIAL P Hrs Acti 24.0 INIT QUE MET	PBTD : 61 JTTES vity Descr VED 24 HI FACILITIE L COMPL DU 22 6,300 PBTD : 6 PRODUCTI vity Desc IAL PROD STAR SAL ER #7837.	140.0 ription RS. 32/64" CHC IS. LETION DATE: JANE COOK Con Progress 140.0 ION ription DUCTION- OPF LES AT 9:30 HR DOGER DART	7/13/08 7/13/08 apletion apletion 0	Perf : 4996'- 900 PSIG. CP 15 \$0 \$343,502 Days Perf : 4996'- ESSURE: TP 18	-6070' 00 PSIG. -6070' 50 PSIG	Dail Well MW & CP 1950 P RATE ON 14	ECOVERED 4 y Total I Total 0.0 PKR Dej PSIG. TURNEI	\$0 \$0 \$879,325 Visc pth : 0.0	0.0 TO
MD 6,300 Formation : WASATC Activity at Report Till Start End 06:00 06:00 08–19–2008 R DailyCosts: Drilling VID 6,300 Formation : WASATC Activity at Report T Start End 06:00 06:00 Formation : WASATC Activity at Report T Start End 06:00 06:00 08–20–2008 R DailyCosts: Drilling R	CH INTITAL P Hrs Activ 24.0 FLOV 24.0 FLOV WO H FINA eported By \$0 \$535,82 TVD CH I ime: INITIAL P Hrs Acti 24.0 INIT QUE MET eported By \$0	PBTD : 61 JTTIES vity Descr VED 24 HI FACILITIE L COMPL DU 22 6,300 PBTD : 6 PBTD : 6 PBTD : 6 PBTD : 6 PBTD : 6 PBTD : 7 COMPL	140.0 ription RS. 32/64" CHC SS. LETION DATE: UANE COOK Con Progress 140.0 ION ription DUCTION- OPF LES AT 9:30 HR DOGER DART Con	7/13/08 apletion apletion 0 ENING PR 25, 8/18/08	Perf : 4996'- 2000 PSIG. CP 15 \$0 \$343,502 Days Perf : 4996'- ESSURE: TP 18 . FLOWED 1786	-6070' 00 PSIG. -6070' 50 PSIG	Dail Well MW & CP 1950 P RATE ON 14 Dail	ECOVERED 4 y Total I Total 0.0 PKR Dej SIG. TURNEI %64" CHOKE.	\$0 \$879,325 Visc pth : 0.0 D WELL OVER STATIC 387. (0.0 TO
MD 6,300 Formation : WASATC Activity at Report T Start End 06:00 06:00 08–19–2008 R DailyCosts: Drilling Cum Costs: Drilling MD 6,300 Formation : WASATC Activity at Report T Start End 06:00 06:00	CH INTITAL P Hrs Activ 24.0 FLOV 24.0 FLOV WO H FINA eported By \$0 \$535,82 TVD CH I ime: INITIAL P Hrs Acti 24.0 INIT QUE MET eported By \$0	PBTD : 61 JTTIES vity Descr VED 24 HI FACILITIE L COMPL DU 22 6,300 PBTD : 6 PBTD : 6 PBTD : 6 PBTD : 6 PBTD : 6 PBTD : 7 COMPL	140.0 ription RS. 32/64" CHC SS. LETION DATE: UANE COOK Con Progress 140.0 ION ription DUCTION- OPF LES AT 9:30 HR DOGER DART Con	7/13/08 7/13/08 apletion 0 ENING PR 25, 8/18/08	Perf : 4996'- 900 PSIG. CP 15 \$0 \$343,502 Days Perf : 4996'- ESSURE: TP 18 . FLOWED 1786 \$0	-6070' 00 PSIG. -6070' 50 PSIG	Dail Well MW & CP 1950 P RATE ON 14 Dail	ECOVERED 4 y Total I Total 0.0 PKR De SIG. TURNEI W64" CHOKE.	\$0 \$0 \$879,325 Visc pth : 0.0 D WELL OVER STATIC 387. (\$0	0.0 TO
VID6,300Formation : WASATCActivity at Report TiStartEnd06:0006:0008-19-2008RDailyCosts: DrillingVID6,300Formation : WASATCActivity at Report TStartEnd06:0006:00Formation : WASATCActivity at Report TStartEnd06:0006:0008-20-2008RDailyCosts: DrillingCum Costs: DrillingCum Costs: DrillingCum Costs: Drilling	CH INTERPORT INT	PBTD : 61 ITTIES vity Descr VED 24 HI FACILITIE L COMPL DU 22 6,300 PBTD : 6 RODUCTI vity Desc: IAL PROD STAR SAL ER #7837. RC 22	140.0 ription RS. 32/64" CHC S. LETION DATE: JANE COOK Con Progress 140.0 ION ription DUCTION- OPF LES AT 9:30 HR DOGER DART Con Con Con	7/13/08 7/13/08 apletion apletion 0 ENING PR ENING PR (S, 8/18/08 apletion apletion	Perf : 4996'- 2000 PSIG. CP 15 \$0 \$343,502 Days Perf : 4996'- ESSURE: TP 18 . FLOWED 1786 \$0 \$343,502	6070' 00 PSIG. 16 -6070' 50 PSIG 50 PSIG 5 MCFD	Dail Well MW & CP 1950 P RATE ON 14 Dail Wel	ECOVERED 4 y Total I Total 0.0 PKR Dej SIG. TURNEI %64" CHOKE.	\$0 \$0 \$879,325 Visc pth : 0.0 D WELL OVER STATIC 387. (\$0 \$879,325 Visc	0.0 TO QGM

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Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00	24.0 FI	LOWED 1245	MCF, 10 BC &	145 BW I	N 24 HRS ON 14	4/64" CH	OKE, TP 1550	PSIG, CP 1	850 PSIG.	
08-21-20	08 R	eported By	RO	GER DART							
DailyCost	ts: Drilling	\$0		Con	apletion	\$0		Daily	Total	\$O	
Cum Cost	ts: Drilling	\$535	5,822	Con	apletion	\$343,502		Well 7	otal	\$879,325	
MD	6,300	TVD	6,300	Progress	0	Days	18	MW	0.0	Visc	0.0
Formatio	n : WASATC	ЭН	PBTD : 6	140.0		Perf : 4996'-	6070'		PKR De	pth : 0.0	
Activity a	t Report Ti	me: ON SA	LES								
Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00	24.0 FI	LOWED 1398	MCF, 15 BC &	: 133 BW I	N 24 HRS ON 14	4/64" CH	OKE, TP 1525	PSIG, CP 1	800 PSIG.	

orm 3160-4 August 2007)			DEPAR BUREAU	TMEN U OF L	IT OF) MANA	ITERIO GEMEN	T					OM	B No. I	PROVED 004-0137 7 31, 2010
	WELL (COMPL	ETION C	OR RE	CO	MPLET	ION R	EPORT	ANP L	∟øG	ſ		ease Serial I ITU37943	No.	
1a. Type of		Oil Well	🛛 Gas '	Well		Dry 🗖	Other	<u></u>				6. If	Indian, All	ottee of	Tribe Name
b. Type of	f Completion	X No Othe	ew Well r	U Wo	rk Ov	er 🗖	Deepen	🗖 Pluj	g Back	🗖 Diff. H	Resvr.	7. U	nit or CA A CHAPITA V	greem VELLS	ent Name and No. UNI
	EŜOURCES	,						. MAEST					ease Name : HAPITA V		ll No. UNIT 690-34
. Address	600 17TH DENVER,	STREET CO 802	SUITE 100	NOC				Phone N : 303-82		e area code)	9. Al	PI Well No	•	43-047-37459
. Location	of Well (Re			id in acc	cordan	ce with F	ederal req	uirements)*			10. F	Field and Po	ool, or l	Exploratory ES/WASATCH
At surface	ce SWSE rod interval r		2065FEL 3			-			100 3100	9 W Lon	ł	11. 5	Sec., T., R.,	M., or	Block and Survey 9S R23E Mer SL
At total		-	SL 2065FEI						109.3109	9 W LUN	ſ		County or P	arish	13. State UT
4. Date Sp 05/31/2	udded	52 0301 0	15. Da	ate T.D.	Reach		3.01033	16. Date	Complet	ed Ready to F	rod.		Elevations (DF, KI 37 GL	3, RT, GL)*
8. Total D	epth:	MD	6300		19. 1	Plug Bacl	T.D.:	08/1 	8/2008 61	40	20. Dept	th Brid	dge Plug Se	et:	MD
	lectric & Oth	TVD		m (0.1		Ū		TVD		22 Was	well cored				(Submit analysis)
RST/CE			temp	4		py of eac	n)			Was	well cored DST run? tional Sury		🛛 No	🗖 Yes	(Submit analysis) (Submit analysis) (Submit analysis)
. Casing an	d Liner Reco	ord (Repo	rt all strings	set in w To		Botton	Stage	Cementer	No.c	of Sks. &	Slurry	Vol			
Hole Size	Size/G	rade	Wt. (#/ft.)	(MI	• •	(MD)		Depth		of Cement	(BBL		Cement	Гор*	Amount Pulled
12.250		25 J-55	36.0		0	21				1000	-				
6.750	4.50	0 P-110	11.6		0	62	94			610	/				
							_								
4. Tubing	Record														
Size	Depth Set (M	ID) Pa	cker Depth	(MD)	Siz	ze D	epth Set (l	MD) I	Packer De	pth (MD)	Size	De	pth Set (Ml	D)	Packer Depth (MI
2.375	ng Intervals	1946				·	26 Perfor	ation Rec	ord .19	196					
	ormation		Тор		Bot	tom		Perforated			Size	1	No. Holes	<u> </u>	Perf. Status
)	WASA	тсн		4996		6070				O 6070			3		
)						$ \rightarrow $				O 5795		+	3		
)										O 5566 O 5316			3		
·	acture, Treat	ment, Cen	ient Squeeze	e, Etc.					- 5204 1	0 00101			0	L	
	Depth Interva									d Type of N	Aaterial				
I	58		70 56,999 0 95 42,038 0												
I			95 42,038 (66 42,357 (
I	56	87 TO 55								<u></u>					
I	<u> </u>	87 TO 55 04 TO 53	16 41,887 (anes a									ion Method		
8. Producti	56 53 52 on - Interval	04 TO 53 A						07.0		C					
8. Producti e First duced	56 53 52	04 <u>TO 5</u> 3	Test Production	Oil BBL 10.0	N	Gas MCF 1283.0	Water BBL 94.0	Oil G Corr.		Gas Gravit		Toulot		VS FRO	OM WELL
8. Producti e First duced 3/18/2008 oke	56 53 52 00 - Interval Test Date	04 TO 53 A Hours Tested 24 Csg.	Test	Oil BBL	0 0 0 0	MCF	BBL	Corr.	API Dil	Gravit Well S	у			VS FRO	DM WELL
8. Producti e First duced 8/18/2008 oke e 14/64"	56 53 52 0n - Interval Test Date 08/25/2008 Tbg. Press. Flwg. 1400	04 TO 53 A Hours Tested 24 Csg. Press. 1650.0	Test Production 24 Hr.	Oil BBL 10.0 Oil BBL	0 0 0 0	MCF 1283.0 Gas MCF	BBL 94.0 Water BBL) Corr. Gas:C	API Dil	Gravit Well S	y Status			VS FRO	DM WELL
8. Producti te First duced 8/18/2008 oke e 14/64" 8a. Produc te First	56 52 000 - Interval Test Date 08/25/2008 Tbg. Press. Flwg. 1400 SI	04 TO 53 A Hours Tested 24 Csg. Press. 1650.0	Test Production 24 Hr.	Oil BBL 10.0 Oil BBL		MCF 1283.0 Gas MCF	BBL 94.0 Water BBL	Corr. Gas:C Ratio	API Dil ravity	Gravit Well S	y itatus PGW			VS FRO	DM WELL
8. Producti te First duced 8/18/2008 oke e 14/64" .8a. Product te First duced oke	56 53 52 0n - Interval Test 08/25/2008 Tbg. Press. Flwg. 1400 SI tion - Interva Test Dare	04 TO 53 A Hours Tested 24 Csg. Press. 1650.0 I B Hours Tested Csg. Csg.	Test Production 24 Hr. Rate Production 24 Hr.	Oil BBL 10.0 Oil BBL 10 Oil BBL		MCF 1283.0 Gas MCF 1283 Gas	BBL 94.0 Water BBL 94 Water BBL Water	Corr. Gas:C Ratio Oil G Corr. Gas:C	API Dil ravity API Dil	Gravit Well S Gas	y Status PGW		FLOV	VS FRC	DM WELL
8. Producti te First duced 8/18/2008 oke e 14/64" 8a. Product te First duced oke	56 53 52 0n - Interval Date 08/25/2008 Tbg. Press. Flwg. 1400 SI tion - Interva Test Date Tbg. Press.	04 TO 53 A Hours Tested 24 Csg. Press. 1650.0 1 B Hours Tested Csg. Csg. Prese	Test Production 24 Hr. Rate Production 24 Hr. Production	Oil BBL 10.0 Oil BBL 10 Oil BBL		MCF 1283.0 Jas MCF 1283 Jas MCF	BBL 94.0 Water BBL 94 Water BBL Water BBL	Corr. Gas:CRatio	API Dil ravity API Dil	Gravit Well S Gas Gravit Well S	y fitatus PGW y 1 Status	Producti	FLOV		DM WELL DEIVED 2 9 2003

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8b. Prod	uction - Inter	val C												
te First duced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity		Production Method				
ke	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Sta	atus	<u>I</u>	<u> </u>			
sc. Prod	uction - Inter	val D	L	1	I									
First uced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity						
ke	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Sta						
. Dispo SOLE	sition of Gas	(Sold, used	for fuel, ven	ted, etc.)										
Summ Show tests, i	ary of Porou all important	zones of p	orosity and c	ontents ther	eof: Corec e tool ope	d intervals and a en, flowing and s	ll drill-stem hut-in pressure		31. Fo	rmation (Log) Mar	kers			
	Formation		Тор	Bottom		Description	s Contents etc			Name		Тор		
SATCI			4996	6070	······			•				Meas. Dep 1424		
Pleas	ional remarks e see the at nation.	(include p tached sh	lugging proc eet for deta	edure): iled perfora	tion and	additional form	nation marker		UT W/ CH BL	AHOGANY ELAND BUTTE ASATCH IAPITA WELLS ICK CANYON IICE RIVER		2006 4087 4196 4754 5419 6098		
 Circle enclosed attachments: Electrical/Mechanical Logs (1 full set req'd.) Geologic Report Sundry Notice for plugging and cement verification Core Analysis 						-		OST Re Other:	port	4. Directional Survey				
. I herel	by certify tha	t the forego	-	tronic Subn	aission #6	omplete and corr 53117 Verified I RESOURCES, J	y the BLM W	ell Informat		e records (see attac stem.	hed instructio	ons):		
Name (please print) MARY A. MAESTAS Signature							Title F	Title REGULATORY ASSISTANT						
							Date 0	Date 09/16/2008						
ile 18 U the Uni	J.S.C. Section ted States an	1001 and y false, fict	Title 43 U.S. itious or frac	C. Section 1 lulent statem	212, mak ients or re	te it a crime for a presentations as	any person know to any matter v	wingly and w within its juri	villfully	to make to any den.	partment or a	gency		
	** ORI	GINAL '	** ORIGII	NAL ** O	RIGINA	AL ** ORIGI	NAL ** OR	IGINAL *	** OR	IGINAL ** OF	RECE SEP 2	JVED 9 2003		

DIV. OF OIL, GAS & MINING

Chapita Wells Unit 690-34 - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

4996-5170 3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

4996-5170 32,466 GALS GELLED WATER & 77,000# 20/40 SAND

Perforated the North Horn from 5856-57', 5860-61', 5885-86', 5932-33', 5952-53', 5960-61', 5982-83', 6002-03', 6022-23', 6052-53', 6059-60', 6067-70' w/ 3 spf.

Perforated the Ba from 5619-20', 5626-27', 5640-41', 5647-48', 5681-82', 5691-92', 5709-10', 5714-15', 5729-30', 5748-49', 5777-78', 5794-95' w/ 3 spf.

Perforated the Ba from 5387-88', 5419-20', 5436-37', 5464-65', 5477-78', 5498-99', 5502-04', 5515-16', 5530-31', 5545-46', 5565-66' w/ 3 spf.

Perforated the Ca from 5204-06', 5210-12', 5220-21', 5238-39', 5248-49', 5272-73', 5282-83', 5295-96', 5310-11', 5315-16' w/ 3 spf.

Perforated the Ca from 4996-97', 5004-05', 5045-46', 5052-53', 5081-82', 5086-88', 5147-48', 5152-53', 5156-58', 5169-70' w/ 3 spf.

RECEIVED SEP 2 9 2003 DIV. OF OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and	number: <u>CWU</u>	690-34	·					
API number: 4	304737459							
Well Location: (QQ <u>SWSE</u> Sect	ion <u>34</u> To	wnship <u>9S</u> Range <u>23E</u>	Cou	nty_UINTAH			
Well operator:	EOG							
Address:1060 E HWY 40								
	_{city} VERNAL		Ph	Phone: (435) 781-9111				
Drilling contract	or: CRAIGS R	OUSTABOUT	SERVICE					
Address:	PO BOX 41							
	_{city} JENSEN		state UT zip 84035	Ph	Phone: (435) 781-1366			
Water encounte	ered (attach add	itional pages	as needed):					
Ľ	DEPT	Н	VOLUME		QUALITY			
Ļ	FROM TO 1,590 1,610		(FLOW RATE OR HEAD)		(FRESH OR SALTY)			
			NO FLOW		NOT KNOWN			
F								
F								
F								
F								
Formation tops	: 1_	· · · · · · · · · · · · · · · · · · ·	2		3			
(Top to Bottom)	4 _		5		6			
	7 _		8		9			
	10 _	<u> </u>	11		12			

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

 I hereby certify that this report is true and complete to the best of my knowledge.

 NAME (PLEASE PRINT)
 Mary A. Maestas

 SIGNATURE
 Mary A. Maestas

 (5/2000)
 TITLE

 Regulatory Assistant

 9/16/2008
 RECEIVED

 SEP 2 9 2003

 DIV. OF OIL, GAS & MINING

Form 3160-5 (August 2007)	OM Expi 5. Lease Serial No	FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010 5. Lease Serial No.								
	SUNDRY Do not use th abandoned we		UTU37943 6. If Indian, Allottee or Tribe Name							
<u> </u>	SUBMIT IN TRI	PLICATE - Other instruc	tions on rev	erse side.		7. If Unit or CA/A CHAPITA W	7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS			
1. Type of Well Oil Well	🛛 Gas Well 🗖 Oti	her				8. Well Name and CHAPITA WE		T 690-34		
2. Name of Oper EOG RESC	rator DURCES, INC.	Contact: E-Mail: mary_maes	MARY A. MA stas@eogreso			9. API Well No. 43-047-3745	9. API Well No. 43-047-37459			
3a. Address 600 17TH S DENVER, 0	STREET SUITE 10	000N	. (include area co 24-5526	de)	10. Field and Pool NATURAL B	10. Field and Pool, or Exploratory NATURAL BUTTES				
	_	., R., M., or Survey Description)	1	11. County or Parish, a						
	8 R23E SWSE 696 I Lat, 109.31099 W		-			UINTAH CO	UNTY, I	UT		
·	12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	NATURE OI	F NOTI	ICE, REPORT, OR OT	HER DA	ATA		
TYPE OF S	SUBMISSION			ТҮРЕ	OF AC	ΓΙΟΝ				
□ Notice of	Intent	☐ Acidize ☐ Alter Casing	Deepen Fracture Treat			Production (Start/Resume) Reclamation		Water Shut-Off Well Integrity		
🔀 Subseque	nt Report	Casing Repair	—	Construction	_	Recomplete	_	Other		
🗖 Final Aba	ndonment Notice	 Change Plans Convert to Injection 	🗖 Plug 🗖 Plug	and Abandon		 Temporarily Abandon Water Disposal 				
prescribed completed	seed mixture. The on 12/1/2008.	seeded area was then wa	alked down w	ith a cat. Inte	rim rec	lamation was				
14. I hereby certi	ify that the foregoing is	Electronic Submission #		l by the BLM W INC., sent to th						
Name (Printed	1/Typed) MARY A.	MAESTAS		Title REGULATORY ASSISTANT						
Signature	Marelectronide	Submission auta		Date 02/02	2/2009					
J THIS SPACE FOR FEDERAL OR STATE OFFICE USE										
Approved By				Title				Date		
Conditions of appro		d. Approval of this notice does uitable title to those rights in the act operations thereon.	Office							
		U.S.C. Section 1212, make it a statements or representations as				illy to make to any departmen	t or agenc	cy of the United		
	** OPERAT	FOR-SUBMITTED ** O	PERATOR-	SUBMITTED) ** OP	PERATOR-SUBMITT	D ** 9 200	9		
						DIV. OF OIL,				



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html



IN REPLY REFER TO 3180 UT-922

July 7, 2009

Debbie Spears EOG Resources, Inc. 600 17th Street, Suite 1000N Denver, Colorado 80202

Re:

e: Initial Wasatch Formation PA "K" Chapita Wells Unit Uintah County, Utạh

entity 16892

Dear Ms. Spears:

The Initial Wasatch Formation Participating Area "K", Chapita Wells Unit, CRS No. UTU63013BL, AFS No. 892000905BL, is hereby approved effective as of August 18, 2008, pursuant to Section 11 of the Chapita Wells Unit Agreement, Uintah County, Utah.

The Initial Wasatch Formation Participating Area "K" results in an Initial Participating Area of 80.00 acres and is based upon the completion of Well No. 690-34, API No. 43-047-37459, located in the SW1/4SE1/4 of Section 34, Township 9 South, Range 23 East, SLM&B, Federal Unit Tract No. 28, Lease No. UTU37943 as a well capable of producing unitized substances in paying quantities.

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Wasatch Formation Participating Area "K", Chapita Wells Unit, and the effective date.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond Chief, Branch of Fluid Minerals

Enclosure

DIV. OF OIL, GAS & MINING

RECEIVED

JUL 1 3 2009