API NUMBER: 049 25058

Oil & Gas

Horizontal Hole

## OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000 (Rule 165:10-3-1)

Approval Date: 07/10/2015
Expiration Date: 01/10/2016

PERMIT TO DRILL

WELL LOCATION:	Sec:	26	Twp:	4N	Rge: 4W	County:	GARVIN
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SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST SECTION LINES: 221 369

Lease Name: WERTZ TRUST Well No: 1-26-23XH Well will be 221 feet from nearest unit or lease boundary.

Operator CONTINENTAL RESOURCES INC Telephone: 4052349000; 4052349 OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC

PO BOX 269000

OKLAHOMA CITY, OK 73126-9000

GEORGIA DENE WERTZ 1817 RIDGEWAY DR.

SHERMAN TX 75092

Formation(s) (Permit Valid for Listed Formations Only):

Name Depth Name Depth 1 WOODFORD 10630 6 2 7 3 8 9 4 5 10 639883 Spacing Orders: Location Exception Orders: 639974 Increased Density Orders: 639882

Pending CD Numbers: 201501121 Special Orders:

201501122

Total Depth: 20850 Ground Elevation: 1103 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 330

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED
Chlorides Max: 3000 Average: 2500

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well?

Wellhead Protection Area?

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2
Pit Location is BED AQUIFER
Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 15-30006

H. SEE MEMO

PIT 2 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 250000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 3

Liner required for Category: 3

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

## **HORIZONTAL HOLE 1**

Sec 23 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: N2 NE NE NE
Feet From: NORTH 1/4 Section Line: 30
Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 10200 Radius of Turn: 526

Direction: 3

Total Length: 9824

Measured Total Depth: 20850

True Vertical Depth: 10630

End Point Location from Lease,
Unit, or Property Line: 30

Additional Surface Owner Address City, State, Zip

JOAN O. WERTZ 1004 CENTINELA AVE. SANTA MONICA, CA 90413

Notes:

Category Description

DEEP SURFACE CASING 7/7/2015 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF

ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY

CONDUCTOR OR SURFACE CASING

EXCEPTION TO RULE - 639974 7/9/2015 - G64 - (I.O.) 26-4N-4W

X165:10-3-28(C)(2)(B) MSSP (WERTZ TRUST 1 -26-23XH)\*\*
MAY BE CLOSER THAN 600' TO THE YARBOROUGH #1

CONTINENTAL RESOURCES, INC.

4-27-2015

\*\*S/B X165:10-3-28(C)(2)(B) WDFD;

MEMO 7/7/2015 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO

VENDOR, OBM CUTTINGS TO DEQ APPROVED FACILITIES (PAULS VALLEY LANDFILL, GARVIN

CO., # 3525009 OR SOUTHERN PLAINS LANDFILL, GRADY CO., # 3526013)

PENDING CD - 201501121 7/8/2015 - G64 - (I.O.) 26 & 23-4N-4W

EST MULTIUNIT HORZONTAL WELL

X639882 WDFD 26-4N-4W X639883 WDFD 23-4N-4W

50% 26-4N-4W 50% 23-4N-4W

CONTINENTAL RESOURCES INC. REC 3-23-2015 (M. PORTER)

Category Description

7/8/2015 - G64 - (I.O.) 26 & 23-4N-4W X639882 WDFD 26-4N-4W PENDING CD - 201501122

X639883 WDFD 23-4N-4W

SHL 150 FNL, 775 FEL 35-4N-4W \*\*

COMPL. INT. (26-4N-4W) NCT 150 FSL, NCT 0 FNL, NCT 330 FEL COMPL. INT. (23-4N-4W) NCT 0 FSL, NCT 150 FNL, NCT 330 FEL

CONTINENTAL RESOURCES, INC. REC 3-23-2015 (M. PORTER)

\*\* ITD HAS SHL AS 221 FSL, 369 FEL, 26-4N-4W;

SPACING - 639882 7/8/2015 - G64 - (640)(HOR) 26-4N-4W

EST WDFD

POE TO BHL NCT 330' FB

(COEXIST SP. ORDER # 333548 WDFD N2; SP. ORDER # 370178 WDFD SE4; SP. ORDER #

383648/389362/385844/389377 WDFD SW4)

**SPACING - 639883** 7/8/2015 - G64 - (640)(HOR) 23-4N-4W

EST WDFD

POE TO BHL 330 FB

(COEXIST SP. ORDER # 323464 WDFD NW4; ORDER # 201121 WDFD E2 & SW4)

S.H.L. Sec. 26-4N-4W I.M. Well Location Plat Continental B.H.L. Sec. 23-4N-4W I.M. Operator: CONTINENTAL RESOURCES, INC. Lease Name and No.: WERTZ TRUST #1-26-23XH GR. ELEVATION: 1103' Good Site? YES Footage: 221' FSL - 369' FEL Section: 26 Township: 4N I.M. Range: 4W County: Garvin State of Oklahoma Alternate Loc.: N/A Terrain at Loc.: Open pasture that drains Northwesterly. Accessibility: From the North. Directions: From the intersection of "State Highway 19" and "State Highway 76" in the town of Lindsay, OK, go 3.75 miles South on "State Highway 76". Go East 1 mile on "CR 1540 RD" to the Southeast Corner Section 26-4N-4W. 1"=1320 **GPS DATUM** NAD - 27 OK SOUTH ZONE Surface Hole Loc.: Lat: 34°47'00.08"N BOTTOM HOLE LOC. Lon: 97°34'53,54"W X: 2125654 Y: 527942 Heel Slot: NAD 27) Lat: 34°47'00,08"N Lon: 97°34'53.08"W (Grid Br.) X: 2125693 Y: 527942 V00°18'W Bottom Hole Loc.: Lat: 34°48'42,10"N Lon: 97°34'53,21"W X: 2125639 23 Y: 538255 (d) Quantor Section distances may be assumed from a Government Si.
Plat or assumed as a proportionate distance from opposits section
Plats or assumed as a proportionate distance from opposits section
promotion and turbler, does not leposant as twe boundary and
on-tho-ground; and turbler, does not leposant as twe boundary and X:2120712 Y:532991 NOTE: X and Y data shown hereon for the Corners may NOT have been surveyed on-the-ground, and further, does NOT tepresent a true Boundary Survey. Section 26 n Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed.

Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. 9 id Br. NAD 27) X:2128024 Y:527721 HEEL SLOT: 221' FSL - 330' FEL 5510NAL Certification: survey and plat by. Arkoma Surveying and Mapping, PLLC P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030 Certificate of Authorization No. 5348 Expires June 30, 2016 This is to certify that this Well Location STAN

Invoice # 5322-A Date Staked : 05/14/15 Date Drawn : 05/18/15 By : H.N. By : T.S. Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Stan Dianner 05/21/15 STAN DRANNON

OK LPLS 1672

DRANNON

1672