Ohio Department of Natural Resource Division of Oil and Gas Resources Management

2045 Morse Rd, Building F2 Columbus, Ohio 43229

CMMNT

Form 55: Revised 12/97

W

LW

912

**FormTops** 

TRENTON LIMESTONE

Formation

API Well Number: 34-117-2-4177-00-00 Well Owner: 476 MARAM ENERGY CO 10/30/2012 Permit Issued: Date Completed: 06/08/2002 BOWEN Well No. 1 Lease Name: Plug Start: 2/7/2013 County: Township: PERU Plug End: 2/7/2013 Driller. PROFESSIONAL WELL SVC-PWS Status PA PlugBack GPS Lat: Duration: 12 Plugging Company BERRY WELL SERVICE 40.421700 DNR Notified?: Yes Cement Manufactor LAFARGE Long: Reason for Plugging: Incap. of Prod./Inj. Cement Contractor FORMATION CEMENTING, INC. 82.846570 Plug Desctiption Cement Clay Company Clay/Cement Tickets Rec: Yes Footage Calls: 398'SL & 803'EL OF LOT 10,1ST QTR. TWP. Plug Back Frm PlugBackDepth: PluggingTotalDepth: Comment: 2/7/2013 11:20 am Formation gain circulation and pumped Trempealeau plug through tubing. Berry Well service lay down tubing. Rip 4.5 casing at 2485', lay down two joints. Formation hook-up, gain circulation and set rip/Trenton plug 4:30 pm. Berry well service lay down 4.5" casing, Formation hook-up and set Newburg plug 6:10 pm. Set top of the Big Lime/bottom of surface casing plug 7:00 pm. Set final plug and circulate cement to surface 8:15 pm. All plugs witnessed by Berry well service Donny Strang.

TREMPEALEAU FORMATION	3122 D	Yes	GAS, OIL
Plug Details			
PLUG 1 TYP Cement	Density	Tons Cla	GEL_VIS
INTERVAL_BOT 3126 INTERVAL	TOP 3122 Weight	14.7 <b>Stat</b>	CLASS_CMT Class A Cement
Cemntd Dt 2/7/2013 Bot 307	3 Top 2773 Sack	20 Notific	ation Failed Wit 🗸
FMTN_C TREMPEALEAU FORM	ATION Inspecto	r ERIC DAUGS	TRUP
Spacer Type FRESH WATER	VISCOSITY	PACER_WEIGHT	: CIRCULATION
DISPLACEMENT_VO CEMI	ENT_ADDITIVES: 2% s	gel, 80 pounds cot	tton seed hulls, 150 pounds
CMT_CONTRACTOR			DEOE
CMMNT Bottom hole Trempealeau	plug set with tubing.		RECEIVED
			MAR 1 2 2013
			Division of Oil and Gas Resources Management

**Producing NonStandard** 

No

TOP

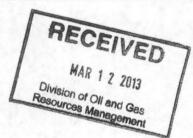
2600

**BOT METH** 

D

PLUG' 2 TYP Cement Density Tons Cla GEL_VIS
INTERVAL_BOT INTERVAL_TOP 2600 Weight 14.7 Stat CLASS_CMT Class A Cement
Cemntd Dt 2/7/2013 Bot 2400 Top 2200 Sack 31 Notification ■ Failed ■ Wit ✓
FMTN_C TRENTON LIMESTONE Inspector ERIC DAUGSTRUP
Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: ✓ CIRCULATION
DISPLACEMENT_VO CEMENT_ADDITIVES: 2% gel, 80 pounds cotton seed hulls, 150 pounds
CMT_CONTRACTOR
CMMNT Combination rip/Trenton plug. Rip at
PLUG 3 TYP Cement Density Tons Cla GEL_VIS
INTERVAL_BOT INTERVAL_TOP 1285 Weight 14.7 Stat CLASS_CMT Class A Cement
Cemntd Dt 2/7/2013 Bot 1160 Top 960 Sack 35 Notification ■ Failed ■ Wit ✓
FMTN_C NEWBURG DOLOMITE Inspector ERIC DAUGSTRUP
Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: ✓ CIRCULATION
DISPLACEMENT_VO CEMENT_ADDITIVES: 2% gel, 80 pounds cotton seed hulls, 150 pounds
CMT_CONTRACTOR
CMMNT Combination top of 7"/Newburg plug.
PLUG 4 TYP Cement Density Tons Cla GEL_VIS
PLUG 4 TYP Cement Density Tons Cla GEL_VIS  INTERVAL_BOT 1285 INTERVAL_TOP 520 Weight 14.7 Stat CLASS_CMT Class A Cement
PLUG 4 TYP Cement Density Tons Cla GEL_VIS  INTERVAL_BOT 1285 INTERVAL_TOP 520 Weight 14.7 Stat CLASS_CMT Class A Cement  Cemntd Dt 2/7/2013 Bot 670 Top 340 Sack 103 Notification Failed Wit ✓
PLUG 4 TYP Cement Density Tons Cla GEL_VIS  INTERVAL_BOT 1285 INTERVAL_TOP 520 Weight 14.7 Stat CLASS_CMT Class A Cement  Cemntd Dt 2/7/2013 Bot 670 Top 340 Sack 103 Notification Failed Wit FMTN_C BIG LIME Inspector ERIC DAUGSTRUP
PLUG 4 TYP Cement Density Tons Cla GEL_VIS  INTERVAL_BOT 1285 INTERVAL_TOP 520 Weight 14.7 Stat CLASS_CMT Class A Cement  Cemntd Dt 2/7/2013 Bot 670 Top 340 Sack 103 Notification Failed Wit   FMTN_C BIG LIME Inspector ERIC DAUGSTRUP  Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: CIRCULATION
PLUG 4 TYP Cement Density Tons Cla GEL_VIS  INTERVAL_BOT 1285 INTERVAL_TOP 520 Weight 14.7 Stat CLASS_CMT Class A Cement  Cemntd Dt 2/7/2013 Bot 670 Top 340 Sack 103 Notification Failed Wit   FMTN_C BIG LIME Inspector ERIC DAUGSTRUP  Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: CIRCULATION  DISPLACEMENT_VO CEMENT_ADDITIVES: 2% gel, 80 pounds cotton seed hulls, 150 pounds
PLUG 4 TYP Cement Density Tons Cla GEL_VIS  INTERVAL_BOT 1285 INTERVAL_TOP 520 Weight 14.7 Stat CLASS_CMT Class A Cement  Cemntd Dt 2/7/2013 Bot 670 Top 340 Sack 103 Notification Failed Wit   FMTN_C BIG LIME Inspector ERIC DAUGSTRUP  Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: CIRCULATION  DISPLACEMENT_VO CEMENT_ADDITIVES: 2% gel. 80 pounds cotton seed hulls, 150 pounds  CMMNT_Combination Big Lime/bottom of our food plans.
PLUG 4 TYP Cement Density Tons Cla GEL_VIS  INTERVAL_BOT 1285 INTERVAL_TOP 520 Weight 14.7 Stat CLASS_CMT Class A Cement  Cemntd Dt 2/7/2013 Bot 670 Top 340 Sack 103 Notification Failed Wit FMTN_C BIG LIME Inspector ERIC DAUGSTRUP  Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: CIRCULATION  DISPLACEMENT_VO CEMENT_ADDITIVES: 2% gel, 80 pounds cotton seed hulls, 150 pounds  CMT_CONTRACTOR  CMMNT Combination Big Lime/bottom of surface plug.
PLUG 4 TYP Cement Density Tons Cla GEL_VIS  INTERVAL_BOT 1285 INTERVAL_TOP 520 Weight 14.7 Stat CLASS_CMT Class A Cement  Cemntd Dt 2/7/2013 Bot 670 Top 340 Sack 103 Notification Failed Wit   FMTN_C BIG LIME Inspector ERIC DAUGSTRUP  Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: CIRCULATION  DISPLACEMENT_VO CEMENT_ADDITIVES: 2% gel. 80 pounds cotton seed hulls, 150 pounds  CMMNT_Combination Pig Lime/bottom of purface plage.

PLUG 5 TYP Cement Density Tons Cla GEL_VIS	
NTERVAL_BOT 440 INTERVAL_TOP 0 Weight 14.7 Stat CLASS_CMT Class A	Cement
Cemntd Dt 2/7/2013 Bot 670 Top 340 Sack 103 Notification Failed Wit	<b>✓</b>
MTN_C BOTTOM OF SURFACE Inspector ERIC DAUGSTRUP	
Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: CIRCULATION	
DISPLACEMENT_VO CEMENT_ADDITIVES: 2% gel, 80 pounds cotton seed hulls, 150 pounds	
CMT_CONTRACTOR	
CMMNT Combination Big Lime/bottom of surface plug.	
combination Big Emile sociom of surface plag.	
PLUG 6 TYP Cement Density Tons Cla GEL_VIS	
NTERVAL_BOT 440 INTERVAL_TOP 0 Weight 14.7 Stat CLASS_CMT Class A	Cement
Cemntd Dt 2/7/2013 Bot 150 Top 0 Sack 20 Notification Failed Wit	<b>✓</b>
FMTN C SURFACE Inspector ERIC DAUGSTRUP	
FMTN_C SURFACE Inspector ERIC DAUGSTRUP	
Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: CIRCULATION	
Spacer Type FRESH WATER VISCOSITY SPACER_WEIGHT: CIRCULATION	



			Total Duration
witnessed, and by the information provid owner/operator has successfully plugge	d the well bore in compliance with the	ve. The inspector's sign e objectives stated in Se	nature does not imply that the
			1 1
(Signature of Inspe	ector)	D	ate Plugging Completed
	OWNER AFFID	AVIT	
By signing this affidavit, you are swearing	g or affirming that the information it o	ontains is true and accur	rate.
	petent to testify to the matters stated perator agent who placed plugging me cement tickets, affidavits, and/or bill	herein, and that the follo	
	hapter 1509 of Ohio Revised Code, S		I at the depths indicated on this plugging of the Ohio Administrative Code and/or
Further Affiant sayeth naught.			
In testimony whereof, I have I	nerewith subscribed my name this	day of	, 19
1 1			
Date Plugging Completed	Signature of Owner or	Operator Agent	
The foregoing instrument was sworn to,	subscribed and acknowledged before	me this day of	, 19
			Notary Public Signature

This report shall be submitted to the ODNR Division of Oil and Gas Resources Management within 30 days after the date the surface hole is plugged.





P.O. Box 2667 Zanesville, Ohio 43702-2667 1-740-453-6926

## WORK ORDER AND INVOICE '

14515

WTIII			
DATE 7-13 WELL NO. COUNTY MORROW	TOWNSHIP Perw	SEC. STATE	PERMIT NO.
CHARGE TO:  Maram Energy 6.  Temp 30 Ph.7, 1916 UF7 270 gill W+14,7	THIS WORK ORDER MUST BE SIGNED E FORMATION CEMENTING, Inc., shall not be liable for damage to the property of well owner a Inc. This provision applies, but is not limited to subsurface damage, and surface damage aris and shall defend and indemnify and hold FORMATION CEMENTING, INC. harmless against an out" unless such loss or damage is caused by the "gross negligence" of FORMATION CEMENTING, INC. It is expressly understood and agreed that FORMATION CEMENTING, INC. It is expressly understood and agreed that FORMATION CEMENTING, INC. shall not be bound b or employed by FORMATION CEMENTING, INC. has authority to alter or extend the terms of thi I have read and understood the terms of this Agreement and represent that I am authorized to SIGNED DATE A.M.  TIME P.M.  By signing this Work Order and Invoice, you agree to pay a late charge of 1 1/2% per month or 18% p.	and / or customer unless caused by the "grossing from subsurface damage. Well owner an any liability for reservoir loss or damage, or proy NTING, INC. If equipment or instruments of Fisuch equipment or instruments unless, however, any agreement not herein contained, and no is agreement without the express written author is sign the same as the customer or agent of company to the same as the customer of company to the same as the customer or agent of company to the customer or agent or agent of company to the customer or agent or agent or agent or agent	id/or customer shall be responsible for perty damage arising from a well "blow ORMATION CEMENTING, INC. are lost ver, such loss or damage is caused by agent or representative connected with prization of the company president. sustomer.
5 i'l dis	Base charge coment Se	υ.	
670'-340'	miles Pump tu	nex	
Berry Well Sev. 355K5	239 SKS Rig class H' cemen	+ 27ogel	
Plug to abondon w+ 14.9	500 185 acl	(Lafarge)	
30 73" 15.2 dis	800 1B5 L.C.M. Cotton	Seed Hulls	
CASING NEW (USED) 1160'- 960'	150 185 accelerator		
SIZE 4.5" 42 CUKY - 315K5 29.92	Tons cement delive	ny	
WEIGHT TYPE W+14.7		1	10 TO
THREAD BORESIZE 34.9 dis	58 shirny BB2s cement		The state of the s
CABLE TOOLE ROTARY 2,400'- 2200'		gemen on	
JOB COMPLETED AM PM 2760FF		L	5/
Chris, adam, Mark 4147			7
23, 2732 SO73 - 2773'10.77	Penalty of 1 1/2% per month (18% annual) after 30 days.	TOTAL	