

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

API NUMBER: 121 24878

Approval Date: 08/26/2021

Expiration Date: 02/26/2023

Directional Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 14 Township: 7N Range: 18E County: PITTSBURG

SPOT LOCATION:  SE  NW  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 355 555

Lease Name: FORD 0718 Well No: 4-14V Well will be 355 feet from nearest unit or lease boundary.

Operator Name: RED MOUNTAIN OPERATING LLC Telephone: 4058424500 OTC/OCC Number: 23694 0

RED MOUNTAIN OPERATING LLC  
5901 N WESTERN AVE  
OKLAHOMA CITY, OK 73118-1253

SONJA FORD  
PO BOX 839  
QUINTON OK 74561-0839

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

Name	Code	Depth
1 ATOKA	403ATOK	2445
2 WAPANUCKA	402WPCK	6615
3 CROMWELL	402CMWL	7251

Spacing Orders: 46096 Location Exception Orders: 707283 Increased Density Orders: No Density  
576361 714905 716115

Pending CD Numbers: No Pending Working interest owners' notified: \*\*\* Special Orders: No Special

Total Depth: 7350 Ground Elevation: 697 Surface Casing: 300 Depth to base of Treatable Water-Bearing FM: 220

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

Approved Method for disposal of Drilling Fluids:	
D. One time land application -- (REQUIRES PERMIT)	PERMIT NO: 19-37018
H. (Other)	SEE MEMO

**PIT 1 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: SAVANNA

**PIT 2 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: SAVANNA

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

DIRECTIONAL HOLE 1			
Section: 14	Township: 7N	Range: 18E	Meridian: IM
County: PITTSBURG		Measured Total Depth: 7350	
Spot Location of End Point: C	N2	N2	NW
Feet From: <b>NORTH</b>		1/4 Section Line: 330	End Point Location from
Feet From: <b>WEST</b>		1/4 Section Line: 1320	Lease, Unit, or Property Line: 330
		True Vertical Depth: 7300	

**NOTES:**

Category	Description
HYDRAULIC FRACTURING	<p>[8/18/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
LOCATION EXCEPTION - 707283	<p>[8/26/2021 - G56] - (I.O.) 14-7N-18E  X46096 CMWL  X576361 ATOK, WPCK  ENTRY (ATOK) NCT 330' FNL, NCT 1320' FWL  EXIT (ATOK) NCT 330' FSL, NCT 1320' FWL  ENTRY (WPCK) NCT 330' FNL, NCT 1320' FWL  EXIT (WPCK) NCT 330' FSL, NCT 1320' FWL  ENTRY (CMWL) NCT 330' FNL, NCT 1320' FWL  EXIT (CMWL) NCT 330' FSL, NCT 1320' FWL  BHL NCT 330' FSL, NCT 1320' FWL  NO OP NAMED  1/8/2020</p>
LOCATION EXCEPTION - 714905	[8/26/2021 - G56] - NPT CORRECTING PARAGRAPH 14 OF ORDER 707283
LOCATION EXCEPTION - 716115	[8/26/2021 - G56] - EXTENSION OF TIME FOR ORDER # 707283/714905
SPACING - 46096	<p>[8/26/2021 - G56] - (640) 14-7N-18E  VAC 20109 COAT, CMWL  EXT 29915/VAR/44925 ATKBA, CMWL  (VAC BY SP # 576361 ATKBA)</p>
SPACING - 576361	<p>[8/26/2021 - G56] - (640) 14-7N-18E  VAC 46096 ATKBA  VAC 119584 ATOKU, ATOKM  EXT 172655 WPCK, OTHER  EST ATOK, OTHERS</p>

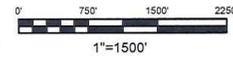
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# Well Location Plat

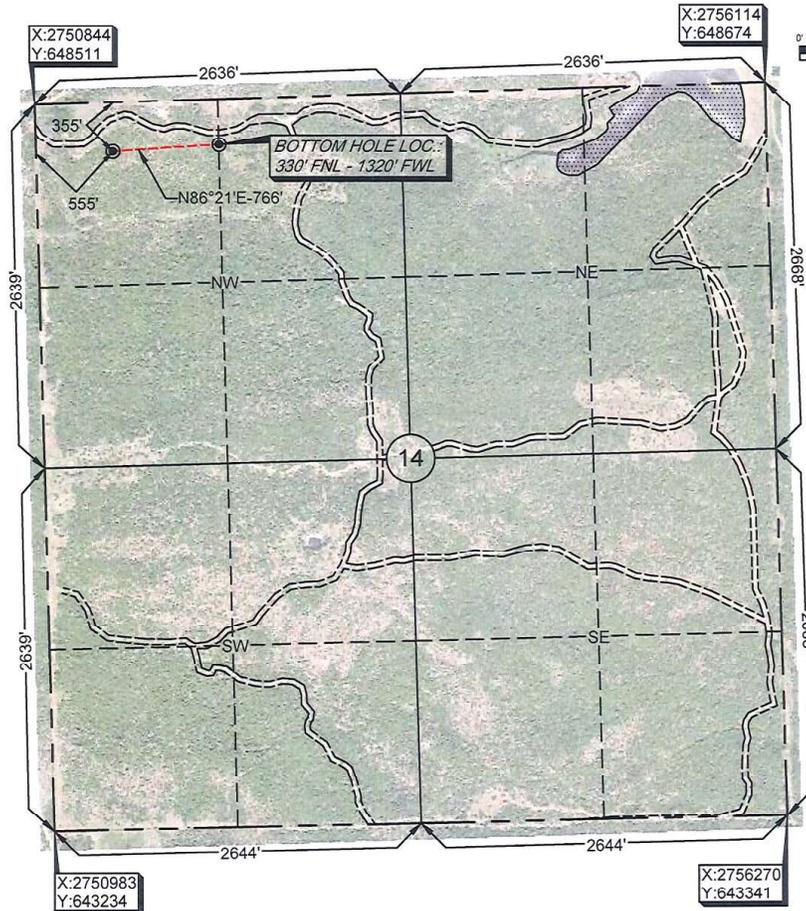
Sec. 14-7N-18E I.M.

Operator: RED MOUNTAIN ENERGY, LLC  
 Lease Name and No.: FORD 0718 4-14V  
 Footage: 355' FNL - 555' FWL Gr. Elevation: 697'  
 Section: 14 Township: 7N Range: 18E I.M.  
 County: Pittsburg State of Oklahoma  
 Terrain at Loc.: Location fell in flat pasture.



GPS DATUM  
 NAD 83  
 OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°05'11.35"N
Lon: 95°22'58.24"W
Lat: 35.08648722
Lon: -95.38284513
X: 2751408
Y: 648173
Bottom Hole Loc.:
Lat: 35°05'11.64"N
Lon: 95°22'49.03"W
Lat: 35.08656662
Lon: -95.38028656
X: 2752172
Y: 648222

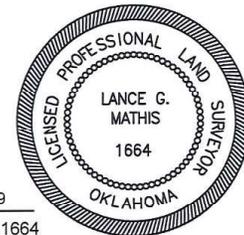


Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, and the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. The accuracy of this survey is based on the accuracy of the GPS data. The survey was conducted on the ground, and either does NOT represent a true boundary survey. Quarter section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and they not have been measured on the ground, and either, does not represent a true boundary survey.

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, 2020  
 Invoice #6689-B-E  
 Date Staked: 10/27/16 By: D.A.  
 Date Drawn: 07/15/19 By: M.K.  
 Rev. Lse. Name & BHL: 09/17/19 By: C.K.

**Certification:**  
 This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

  
 LANCE G. MATHIS 09/18/19  
 OK LPLS 1664

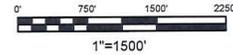




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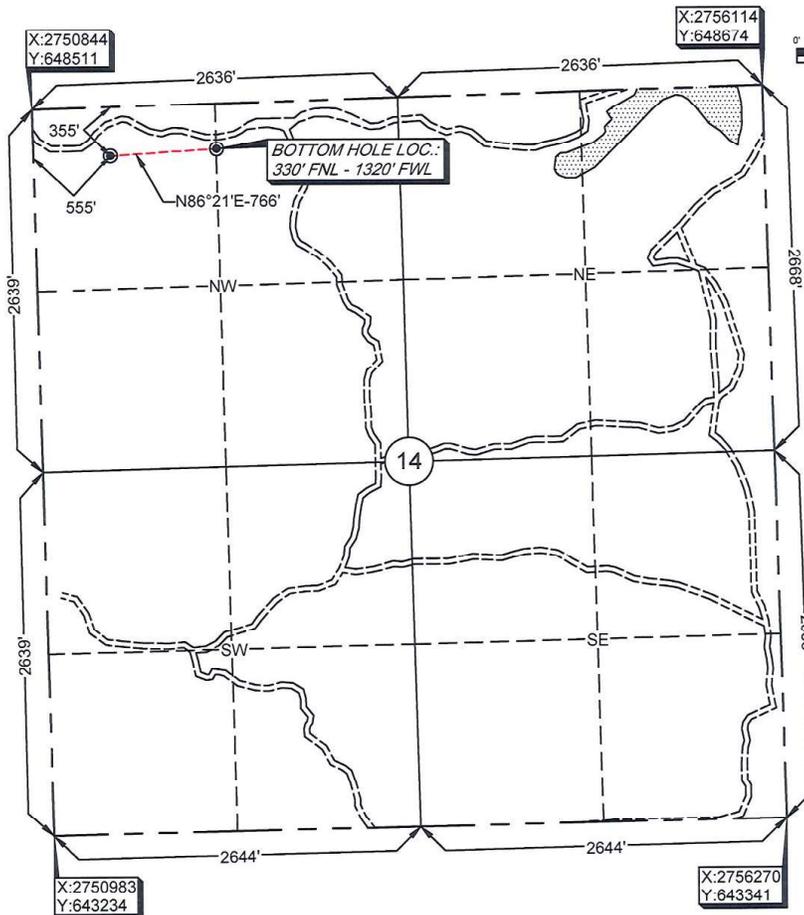
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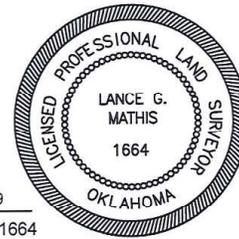
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*Lance G. Mathis*  
 LANCE G. MATHIS

09/18/19  
 OK LPLS 1664



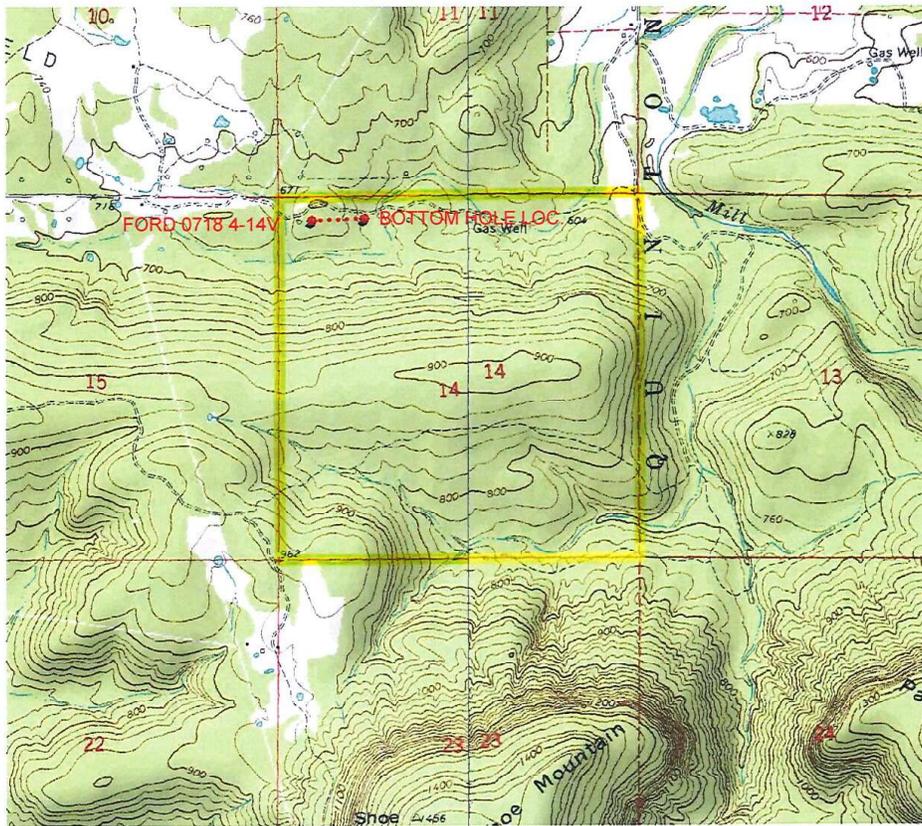


# Topographic Vicinity Map

Operator: RED MOUNTAIN ENERGY, LLC  
Lease Name and No.: FORD 0718 4-14V  
Surface Hole Location: 355' FNL - 555' FWL  
Bottom Hole Location: 330' FNL -1320' FWL  
Sec. 14 Twp. 7N Rng. 18E I.M.  
County: Pittsburg State of Oklahoma  
Ground Elevation at Surface Hole Location: 697'



Scale 1"= 2000'  
Contour Interval: 20'



Provided by:  
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P.O. Box 238 Wilburton, OK 74578  
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Certificate of Authorization No. 5348  
Expires June 30, 2020

Date Staked: 10/27/16

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown herein is only as SCALED onto a U.S.G.S. Topographic Map.  
Please note that this location was staked carefully 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.

# County Highway Vicinity Map



Job #: 6689-B-E  
 Operator: RED MOUNTAIN ENERGY, LLC  
 Lease Name and No.: FORD 0718 4-14V

**Accessibility: From the North.**  
**Directions:** From the junction of State HWY 2 & State HWY 31 in the town of Quinton, OK, go 0.7 miles South on State HWY 2, 1.75 miles West on "CR 1310", 1.3 miles South on "Adams Rd", then go 0.7 miles South on an unnamed lease road to the Northeast Quarter of Seciton 14-7N-18E on the West side of the road (location is in NW/4-14-7N-18E).

1 inch = 0.5 mile

provided by:  
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