

API NUMBER: 017 25693

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

Approval Date: 07/27/2021  
Expiration Date: 01/27/2023

Horizontal Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 11 Township: 14N Range: 6W County: CANADIAN

SPOT LOCATION: SW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 162 1255

Lease Name: PINEHURST 1406 Well No: 5-11MH Well will be 162 feet from nearest unit or lease boundary.  
Operator Name: RED BLUFF RESOURCES OPERATING LLC Telephone: 4052088667 OTC/OCC Number: 23828 0

RED BLUFF RESOURCES OPERATING LLC  
3030 NW EXPRESSWAY STE 900  
OKLAHOMA CITY, OK 73112-5447

MOFFAT FARMS LP  
5905 NW MOFFAT ROAD  
PIEDMONT OK 73078

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	7600

Spacing Orders: 701395

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202101182  
202101181

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 12650 Ground Elevation: 1215

Surface Casing: 490

Depth to base of Treatable Water-Bearing FM: 440

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: 21-37722  
H. (Other) CLOSED SYSTEM=STEEL PITS (REQUIRED - COTTONWOOD CREEK)

**PIT 1 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits  
Type of Mud System: WATER BASED  
Chlorides Max: 5000 Average: 3000  
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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: BISON

**HORIZONTAL HOLE 1**

Section: 11 Township: 14N Range: 6W Meridian: IM Total Length: 4988  
County: CANADIAN Measured Total Depth: 12650  
Spot Location of End Point: NE NW NW NE True Vertical Depth: 7800  
Feet From: NORTH 1/4 Section Line: 165 End Point Location from  
Feet From: EAST 1/4 Section Line: 2180 Lease, Unit, or Property Line: 165

**NOTES:**

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.

Category	Description
HYDRAULIC FRACTURING	<p>[7/22/2021 - 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>
PENDING CD - 202101181	<p>[7/27/2021 - G56] - 11-14N-6W  X701395 MSSP  1 WELL  NO OP NAMED  REC 7/13/2021 (DENTON)</p>
PENDING CD - 202101182	<p>[7/27/2021 - G56] - (I.O.) 11-14N-6W  X701395 MSSP, OTHERS  X165:10-3-28(C)(2)(B) MSSP  MAY BE CLOSER THAN 600' TO ANDY 1-11, CLIFFORD 1-11, CLIFFORD 2-11 WELLS  COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FEL, NCT 330' FWL  NO OP NAMED  REC 7/13/2021 (DENTON)</p>
SPACING - 701395	<p>[7/27/2021 - G56] - (640)(HOR) 11-14N-6W  EXT OTHER  EST MSSP, OTHER  COMPL INT NCT 660' FB  (COEXIST WITH SP # 127809, # 187655/191923, # 281147)</p>



# Well Location Plat

Sec. 11-14N-6W I.M.

Operator: RED BLUFF RESOURCES

Lease Name and No.: PINEHURST 1406 5-11MH

Surface Hole Location: 162' FSL - 1255' FEL Gr. Elevation: 1215'

SW/4-SW/4-SE/4-SE/4 Section: 11 Township: 14N Range: 6W I.M.

Bottom Hole Location: 165' FNL - 2180' FEL

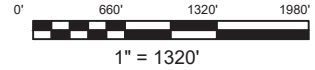
NE/4-NW/4-NW/4-NE/4 Section: 11 Township: 14N Range: 6W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell in open wheat field.



All bearings shown  
are grid bearings.



GPS DATUM

NAD 27

OK NORTH ZONE

Surface Hole Loc.:

Lat: 35°41'48.53"N

Lon: 97°48'08.40"W

Lat: 35.69681368

Lon: -97.80233296

X: 2058695

Y: 253706

First Take Point:

Lat: 35°41'48.58"N

Lon: 97°48'19.62"W

Lat: 35.69682665

Lon: -97.80544924

X: 2057770

Y: 253708

Bottom Hole Loc.:

Lat: 35°42'37.90"N

Lon: 97°48'19.88"W

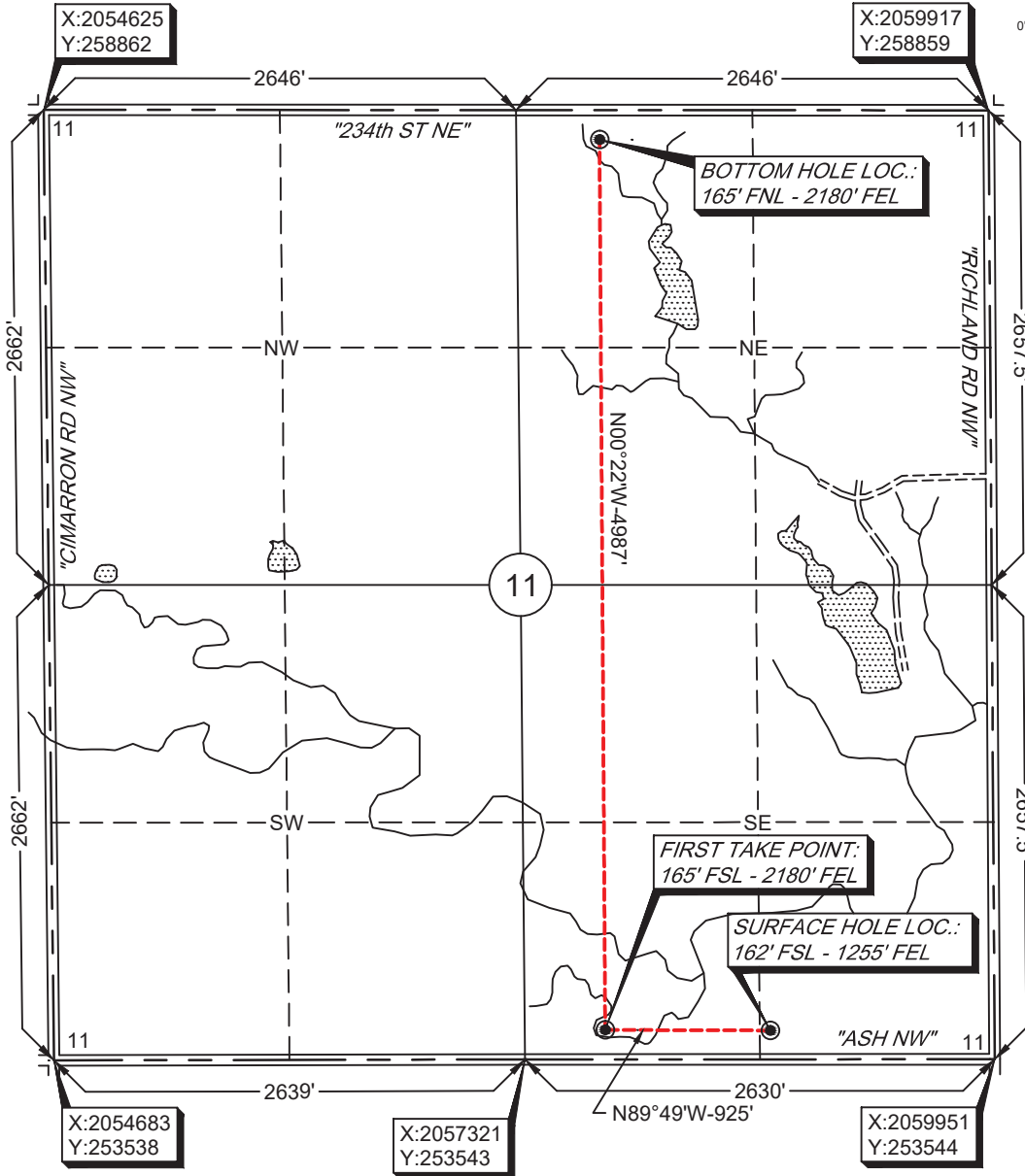
Lat: 35.71052745

Lon: -97.80552315

X: 2057738

Y: 258696

-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. GPS data is observed from RTK - GPS. -NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, 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 may not have been measured on-the-ground, and further, 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, 2022

Invoice #9449-A-B

Date Staked: 07/15/2021 By: D.W.

Date Drawn: 07/19/2021 By: J.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*  
LANCE G. MATHIS

07/19/2021

OK LPLS 1664

