

API NUMBER: 017 25798

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

Approval Date: 04/08/2022

Expiration Date: 10/08/2023

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 31 Township: 14N Range: 5W County: CANADIAN

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1014 1501

Lease Name: RIVIERA 1405

Well No: 4-31MH

Well will be 1014 feet from nearest unit or lease boundary.

Operator Name: RED BLUFF RESOURCES OPERATING LLC

Telephone: 4054317275

OTC/OCC Number: 23828 0

RED BLUFF RESOURCES OPERATING LLC
3030 NW EXPRESSWAY STE 900
OKLAHOMA CITY, OK 73112-5468MOFFAT FARMS LIMITED PARTNERSHIP
5221 MOFFAT ROAD NW
PIEDMONT OK 73078

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

| Name | Code | Depth |
|--------------------------------|----------|-------|
| 1 MISSISSIPPIAN (LESS CHESTER) | 359MSNLC | 7632 |

Spacing Orders: 654577

Location Exception Orders: 723157

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 13465

Ground Elevation: 1265

Surface Casing: 1070

Depth to base of Treatable Water-Bearing FM: 1000

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: 22-38224

H. (Other)

CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER)

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Section: 31 Township: 14N Range: 5W Meridian: IM

Total Length: 5799

County: CANADIAN

Measured Total Depth: 13465

Spot Location of End Point: SW SE SE SW

True Vertical Depth: 7865

Feet From: SOUTH 1/4 Section Line: 165

End Point Location from
Lease, Unit, or Property Line: 165

Feet From: WEST 1/4 Section Line: 2080

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>[4/6/2022 - 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: OCCEWEB.COM/OG/OGFORMS.HTML; 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 FRACFOCUS.ORG</p> |
| LOCATION EXCEPTION - 723157 | <p>[4/8/2022 - G56] - (I.O.) 31-14N-5W X654577 MSNLC COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 990' FWL RED BLUFF RESOURCES OP LLC 1/31/2022</p> |
| SPACING - 654577 | <p>[4/8/2022 - G56] - (640)(HOR) 31-14N-5W EXT OTHERS VAC 176472 MISS, OTHERS VAC 182916 MISS, OTHERS EST MSNLC, OTHERS POE TO BHL NLT 660' FB</p> |



Sec. 31-14N-5W I.M.

Operator: RED BLUFF RESOURCES

Lease Name and No.: RIVIERA 1405 4-31MH

Surface Hole Location: 1014' FNL - 1501' FWL Gr. Elevation: 1265'
SW/4-SW/4-NE/4-NW/4 Section: 31 Township: 14N Range: 5W I.M.

Bottom Hole Location: 165' FSL - 2080' FWL

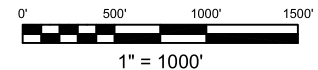
SW/4-SE/4-SE/4-SW/4 Section: 31 Township: 14N Range: 5W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell on top of hill in grassland with minimal trees.



All bearings shown
are grid bearings.



GPS DATUM

NAD 27

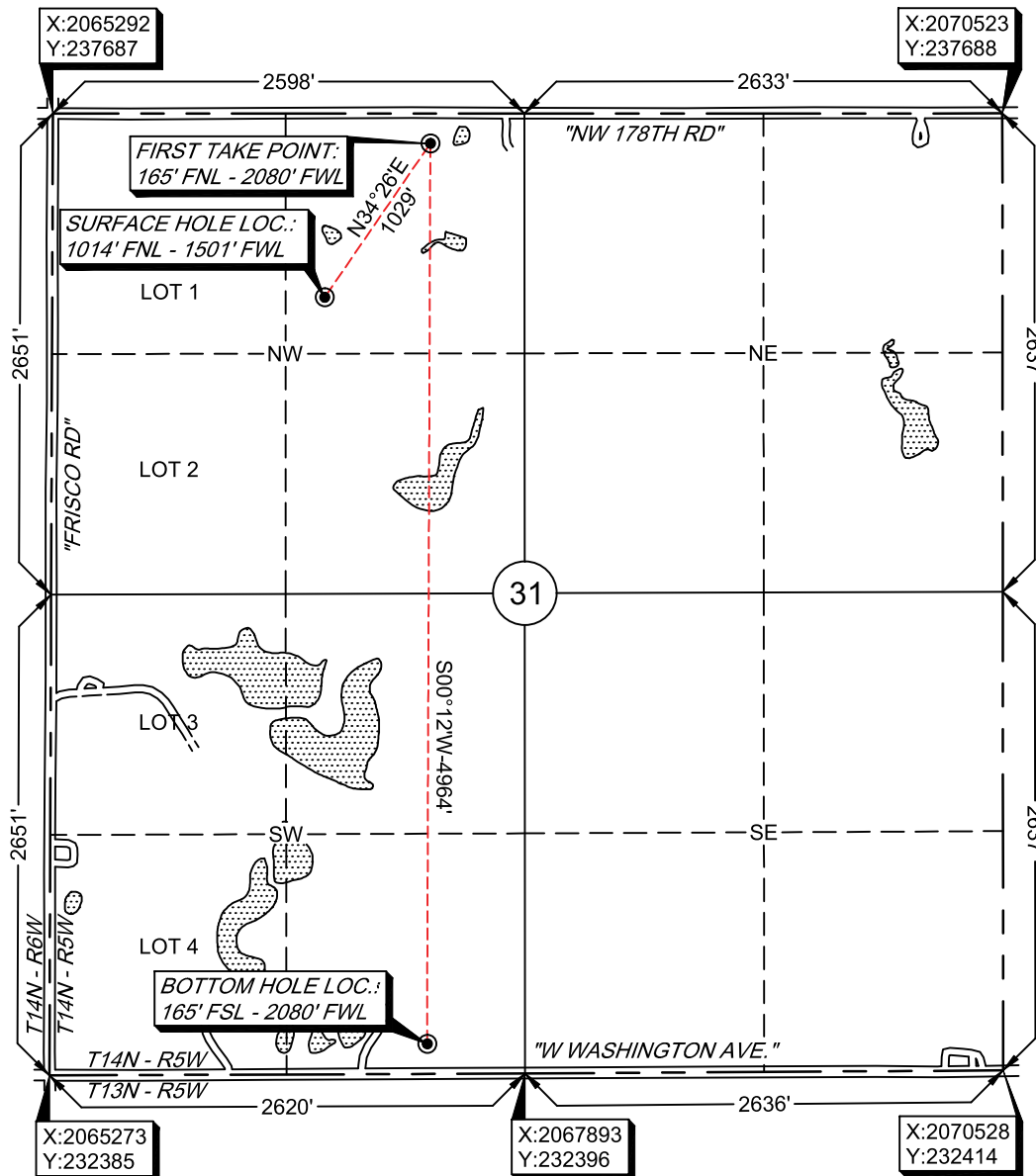
OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°38'59.91"N
Lon: 97°46'30.75"W
Lat: 35.64997463
Lon: -97.77520824
X: 2066789
Y: 236674

First Take Point:
Lat: 35°39'08.29"N
Lon: 97°46'23.67"W
Lat: 35.65230261
Lon: -97.77324264
X: 2067371
Y: 237522

Bottom Hole Loc.:
Lat: 35°38'19.20"N
Lon: 97°46'24.03"W
Lat: 35.63866614
Lon: -97.77334224
X: 2067353
Y: 232559

Please note that this location was situated on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Akoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS, N-OTC X and a 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 Map or other reliable source. The distance between the corner and the boundary 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 #9923-A

Date Staked: 03/10/2022 By: G.G.

Date Drawn: 03/15/2022 By: J.L.

Added Bore Path: 03/17/2022 By: J.L.

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

03/17/2022

OK LPLS 1664

