

API NUMBER: 073 26836

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

Approval Date: 03/04/2022
Expiration Date: 09/04/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 20 Township: 15N Range: 5W County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ SW ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 503 231

Lease Name: ALMA 1505 Well No: 1-29MH Well will be 231 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 73112-5468

MELVIN & MARY STONE
1115 WEST INDUSTRIAL ROAD
GUTHRIE OK 73044

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

Name	Code	Depth
1 MISSISSIPPIAN (LESS CHESTER)	359MSNLC	7100

Spacing Orders: 666011

Location Exception Orders: 722343

Increased Density Orders: 722342

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 7377

Ground Elevation: 1168

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 320

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: 22-38158

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 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: 29 Township: 15N Range: 5W Meridian: IM
County: KINGFISHER

Total Length: 5618

Measured Total Depth: 13258

Spot Location of End Point: SE SW SW SW

True Vertical Depth: 7377

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: 650

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>[2/24/2022 - GB1] - 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: OCCWEB.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>
INCREASED DENSITY - 722342	<p>[3/4/2022 - GC2] - 29-15N-5W X666011 MSNLC 2 WELLS NO OP NAMED 12/22/2021</p>
LOCATION EXCEPTION - 722343	<p>[3/4/2022 - GC2] - (I.O.) 29-15N-5W X666011 MSNLC, OTHERS NCT 165' FNL, NCT 165' FSL, NCT 330' FWL RED BLUFF RESOURCES OPERATING LLC 12/22/2022</p>
SPACING - 666011	<p>[3/4/2022 - GC2] - (640)(HOR) 29-15-5W VAC OTHER EST MSNLC, OTHERS COMPL. INT. (MSNLC) NLT 660' FUB (COEXIST EXISTING NON-HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)</p>

Well Location Plat

S.H.L. Sec. 20-15N-5W I.M.
B.H.L. Sec. 29-15N-5W I.M.

Operator: RED BLUFF RESOURCES

Lease Name and No.: ALMA 1505 1-29MH

Surface Hole Location: 503' FSL - 231' FWL Pad Elevation: 1168'

NW/4-SW/4-SW/4 Section: 20 Township: 15N Range: 5W I.M.

Bottom Hole Location: 165' FSL - 650' FWL

SE/4-SW/4-SW/4-SW/4 Section: 29 Township: 15N Range: 5W I.M.

County: Kingfisher State of Oklahoma

Terrain at Loc.: Location fell on existing Red Bluff location.



All bearings shown
are grid bearings.

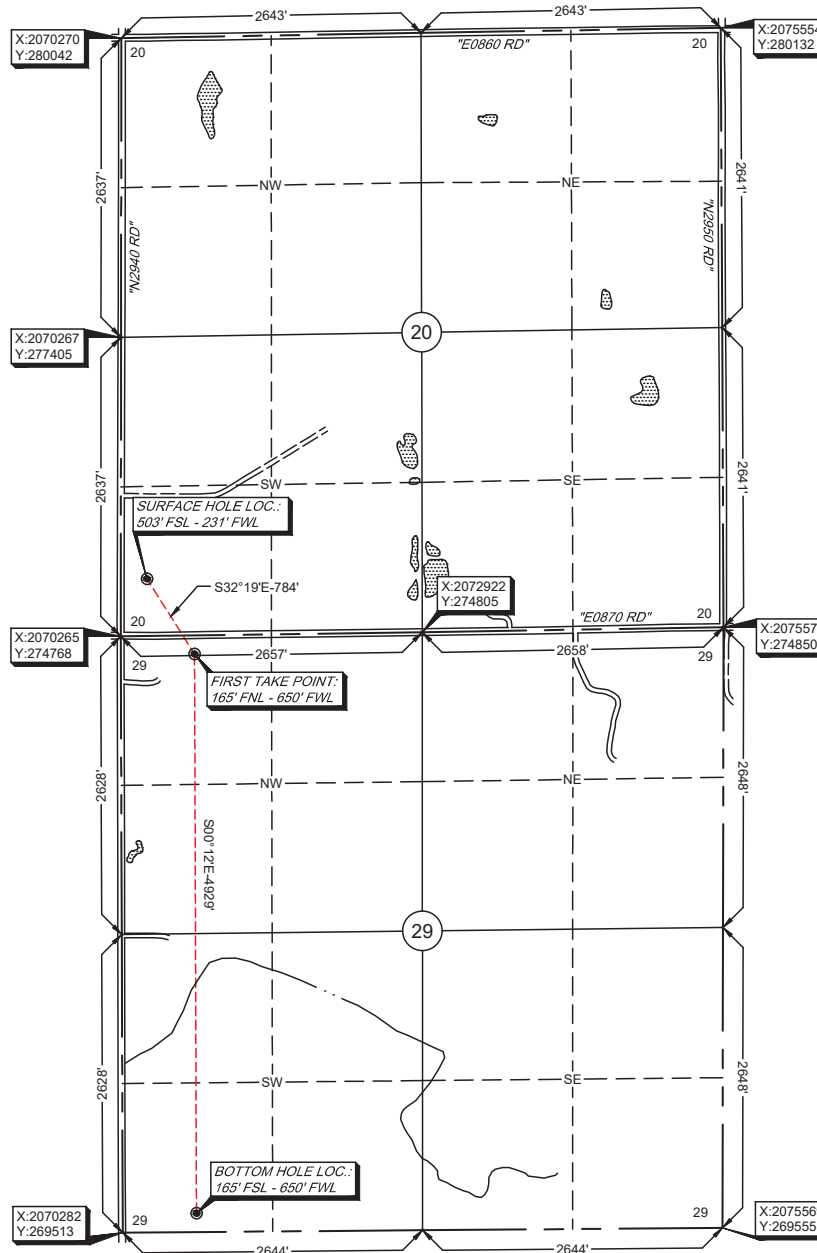
GPS DATUM
NAD 27
OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°45'21.58"N
Lon: 97°45'44.69"W
Lat: 35.75599566
Lon: -97.76241454
X: 2070496
Y: 275274

Landing Point:
Lat: 35°45'15.02"N
Lon: 97°45'39.63"W
Lat: 35.75417351
Lon: -97.76100777
X: 2070915
Y: 274612

Bottom Hole Loc.:
Lat: 35°44'26.27"N
Lon: 97°45'39.57"W
Lat: 35.74063143
Lon: -97.76099298
X: 2070932
Y: 269683

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 Alabama Surveying and Mapping promptly if any inconsistency is determined. GPS data is obtained from RTK. GPSs are surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Current Section distances may be assumed from a Government Survey Plat or assumed that 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 #9847-A
Date Staked: 01/31/2022 By: D.W.

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.

 02/07/2022
LANCE G. MATHIS OK LPLS 1664

