

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

PERMIT NUMBER: 017 25608

Approval Date: 02/21/2020

Expiration Date: 08/21/2021

Horizontal Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 06 Township: 14N Range: 5W County: CANADIAN

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 179 1723

Lease Name: FRANK JO 1505

Well No: 4-31MH

Well will be 179 feet from nearest unit or lease boundary.

Operator Name: RED BLUFF RESOURCES OPERATING LLC

Telephone: 4052088667

OTC/CDC Number: 23828 0

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

BRADSHAW CATTLE CO., LLC  
P.O. BOX 251  
PIEDMONT OK 73078

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	7290

Spacing Orders: 589375

Location Exception Orders: 708563

Increased Density Orders: 708401

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 12200

Ground Elevation: 1167

Surface Casing: 560

Depth to base of Treatable Water-Bearing FM: 510

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

**Approved Method for disposal of Drilling Fluids:**

A. One time land application -- (REQUIRES PERMIT) PERMIT NO: 20-37264  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

**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? Yes

Within 1 mile of municipal water well? No

Wellhead Protection Area? No

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Lines not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: BISON

**HORIZONTAL HOLE 1**

Section: 31 Township: 15N Range: 5W

Total Length: 4900

County: KINGFISHER

Measured Total Depth: 12200

Spot Location of End Point: NW NE NE NW

True Vertical Depth: 7347

Feet From: NORTH 1/4 Section Line: 165

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

Feet From: WEST 1/4 Section Line: 2170

**NOTES:**

Canceled per operator request  
CKL 6/29/2021

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>2/19/2020 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING 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 TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 708401 (201905782)	<p>2/21/2020 - GB6 - 31-15N-5W X589375 MSSP 3 WELLS RED BLUFF RESOURCES OPERATING LLC 02/03/2020</p>
LOCATION EXCEPTION - 708563 (201905784)	<p>2/21/2020 - GB6 - (I.O.) 31-15N-5W X589375 MSSP X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO SIMMONS 31-15-5 1H (API 073-24757) COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 1320' FEL, NCT 1320' FWL RED BLUFF RESOURCES OPERATING LLC 02/06/2020</p>
SPACING – 589375	<p>2/21/2020 - GB6 - (640)(HOR) 31-15N-5W VAC 59564/61637 MSSLM FOR 31-15N-5W CLARIFY 59564/61637 MSSLM THIS ORDER VACATED 55880 MSSLM* FOR 3**-15N-5W EST MSSP, OTHER COMPL. INT. (MSSP) NCT 660' FB *S/B MSMR **S/B 31-15N-5W</p>

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