

API NUMBER: 017 25605

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

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 1693

Lease Name: KELLIE 1505 Well No: 7-31MH Well will be 179 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

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: 708564

Increased Density Orders: 708401

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 12300

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:

D. 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? 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: 31 Township: 15N Range: 5W

Total Length: 4900

County: KINGFISHER

Measured Total Depth: 12300

Spot Location of End Point: NE NE NW NE

True Vertical Depth: 7456

Feet From: NORTH 1/4 Section Line: 165

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

Feet From: EAST 1/4 Section Line: 1350

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>2/19/2020 - 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: OCCWEB.COM/OG/OGFORMS.HTML; 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: FRACFOCUS.ORG</p>
INCREASED DENSITY - 708401 (201905782)	<p>2/20/2020 - GB6 - 31-15N-5W X589375 MSSP 3 WELLS RED BLUFF RESOURCES OPERATING LLC 02/03/2020</p>
LOCATION EXCEPTION - 708564 (201905785)	<p>2/20/2020 - GB6 - (I.O.) 31-15N-5W X589375 MSSP COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL RED BLUFF RESOURCES OPERATING LLC 02/06/2020</p>
SPACING - 589375	<p>2/20/2020 - GB6 - (640)(HOR) 31-15N-5W VAC 59564/61637 MSSLM FOR 31-15N-5W CLARIFY 59564/61637 MSSLM THIS ORDER VAC 55880 MSSLM* FOR 3**-15N-5W EST MSSP, OTHER COMPL. INT. (MSSP) NCT 660' FB</p> <p>*S/B MSMR **S/B 31-15N-5W</p>