

API NUMBER: 037 29460

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

Approval Date: 09/29/2020

Expiration Date: 03/29/2022

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 36 Township: 15N Range: 8E County: CREEK

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1650 990

Lease Name: BUFFALO RIDGE Well No: 36-1 Well will be 990 feet from nearest unit or lease boundary.

Operator Name: BARDEN/BASS OIL & GAS EXPLORATION Telephone: 9725631496 OTC/OCC Number: 24488 0

BARDEN/BASS OIL & GAS EXPLORATION COMPANY INC
201A W MOORE AVE STE D
TERRELL, TX 75160-3143

BRANDY R SMITH
29397 S 385TH AVE
BRISTOW OK 74010

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

	Name	Code	Depth
1	SKINNER	404SKNR	2120
2	RED FORK	404RDFK	2280
3	BARTLESVILLE	404BRVL	2660
4	GILCREASE	403GLCR	2990
5	VIOLA	202VIOL	3600

	Name	Code	Depth
6	WILCOX	202WLCX	3660

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 4000

Ground Elevation: 911

Surface Casing: 630

Depth to base of Treatable Water-Bearing FM: 580

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is: BED AQUIFER

Pit Location Formation: TALLANT

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>[9/29/2020 - GC2] - 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>
SPACING	<p>[9/29/2020 - GB6] - SKNR, RDFK, BRVL, GLCR, VIOL, WLCX UNSPACED; 160-ACRE LEASE (NW4 36 -15N-8E)</p>

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