

API NUMBER: 133 25282 C

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

Approval Date: 02/28/2018

Expiration Date: 08/28/2018

Straight Hole Oil & Gas

Amend reason: CORRECT SHL FOOTAGES, UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 23 Township: 8N Range: 6E County: SEMINOLE

SPOT LOCATION: C SW SW NE
FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 2310 2310

Lease Name: MOGA Well No: 2-23 Well will be 2310 feet from nearest unit or lease boundary.

Operator Name: CIRCLE 9 RESOURCES LLC Telephone: 4055296577; 4055296577 OTC/OCC Number: 23209 0

CIRCLE 9 RESOURCES LLC
PO BOX 249
OKLAHOMA CITY, OK 73101-0249

CIRCLE 9 RESOURCES, LLC
P.O. BOX 249
OKLAHOMA CITY OK 73101

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

Name	Code	Depth	Name	Code	Depth
1 CALVIN UP	404CLVNU	2120	6 VIOLA	202VIOL	4030
2 CALVIN MID	404CLVNM	2210	7 SIMPSON DENSE	202SMPD	4080
3 CALVIN LOW	404CLVNL	2390	8 SIMPSON DOLOMITE	202SMPSD	4110
4 EARLSBORO	404ERLB	2980	9 1ST WILCOX	202WLCX1	4160
5 BOOCH	404BOCH	3290	10 2ND WILCOX	202WLCX2	4250

Spacing Orders: 660262

Location Exception Orders: 683560

Increased Density Orders: 678798

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 4450

Ground Elevation: 0

Surface Casing: 1140

Depth to base of Treatable Water-Bearing FM: 1090

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: 18-33924
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: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

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: ADA

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>2/15/2018 - 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: OCCEWEB.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 - 678798 (201801333)	<p>3/25/2020 - GC2 - (I.O.) NE4 23-8N-6E X660262 VIOL, WLCX1 1 WELL CIRCLE 9 RESOURCES LLC 6-6-2018</p>
LOCATION EXCEPTION - 683560 (201801334)	<p>3/25/2020 - GC2 - (I.O.) NE4 23-8N-6E X660262 CLVNU, CLVNM, CLVNL, ERLB, BOCH, SMPD, SMPSD, VIOL, WLCX1, WLCX2 NCT 330' FSL, NCT 330' FWL CIRCLE 9 RESOURCES LLC 9-24-2018</p>
PUBLIC WATER SUPPLY WELL	<p>2/15/2018 - G71 - BOWLEGS LIMA WATER - 1 PWS/WPA, SE/4 14-8N-6E</p>
SPACING - 660262	<p>2/15/2018 - G57 - (160) NE4 23-8N-6W VAC 341091 CLVN, ERLB, BOCH, WLCX1, WLCX2 NW4 NE4 EST CLVNU, CLVNM, CLVNL, ERLB, BOCH, VIOL, SMPD, SMPSD, WLCX1, WLCX2</p>

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