

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

API NUMBER: 133 25334

Approval Date: 11/28/2018

Expiration Date: 05/28/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 8N Rge: 6E

County: SEMINOLE

SPOT LOCATION: ☐ NE ☐ SW ☐ SE ☐ NE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 400 900

Lease Name: MOGA

Well No: 3-23

Well will be 400 feet from nearest unit or lease boundary.

Operator Name: CIRCLE 9 RESOURCES LLC

Telephone: 4055296577; 4055296

OTC/OCC Number: 23209 0

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

BELVA KRAUSE
PO BOX 206
BOWLEGS OK 74830

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

	Name	Depth		Name	Depth
1	CALVIN UP	2120	6	VIOLA	4030
2	CALVIN MID	2210	7	SIMPSON DENSE	4080
3	CALVIN LOW	2390	8	SIMPSON DOLOMITE	4140
4	EARLSBORO	2980	9	1ST WILCOX	4160
5	BOOCH	3290	10	2ND WILCOX	4250

Spacing Orders: 660262

Location Exception Orders:

Increased Density Orders: 678798

Pending CD Numbers: 201807256
201807255

Special Orders:

Total Depth: 4450

Ground Elevation: 971

Surface Casing: 1130

Depth to base of Treatable Water-Bearing FM: 1080

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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: VAMOOSA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35363
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX 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>9/14/2018 - 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: 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 - 678798	<p>11/28/2018 - G56 - NE4 23-8N-6E X660262 VIOL, WLCX1 1 WELL CIRCLE 9 RESOURCES LLC 6/6/2018</p>
PENDING CD - 201807255	<p>9/25/2018 - G57 - NE4 23-8N-6E X660262 CLVNU, CLVNM, CLVNL, ERLB, BOCH, SMPD, SMPSD, WLCX1, WLCX2 1 WELL CIRCLE 9 RESOURCES, LLC. REC 10/2/2018 (FOREMAN)</p>
PENDING CD - 201807256	<p>9/25/2018 - G57 - (I.O.) NE4 23-8N-6E X660262 CLVNU, CLVNM, CLVNL, ERLB, BOCH, VIOL, SMPD, SMPSD, WLCX1, WLCX2 NCT 400' FSL, NCT 900' FEL CIRCLE 9 RESOURCES, LLC. REC 10/2/2018 (FOREMAN)</p>
PUBLIC WATER SUPPLY WELL	<p>9/14/2018 - G71 - BOWLEYS LIMA WATER - 1 PWS/WPA, SE/4 14-8N-6E</p>
SPACING - 660262	<p>9/25/2018 - 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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133 25334 MOGA 3-23

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