

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

API NUMBER: 133 25268

Approval Date: 01/02/2018
Expiration Date: 07/02/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 9N Rge: 5E County: SEMINOLE
SPOT LOCATION: C SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 660 1980

Lease Name: E MAYS Well No: 1-2 Well will be 660 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

JERRY & PAULA MAYS REVOCABLE TRUST
49877 SANDY ROCK ROAD
EARLSBORO OK 74840

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

Name	Depth	Name	Depth
1 CALVIN	3030	6 SIMPSON DOLOMITE	4225
2 EARLSBORO	3460	7 1ST WILCOX	4240
3 MISSISSIPPIAN	3860	8 MARSHALL DOLO	4300
4 WOODFORD	3960	9 2ND WILCOX	4340
5 VIOLA	4160	10	

Spacing Orders: 669731 Location Exception Orders: Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 4540 Ground Elevation: 0 **Surface Casing: 1160** Depth to base of Treatable Water-Bearing FM: 1110

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

PIT 1 INFORMATION

Type of Pit System: ON SITE
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? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: VANOSS

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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

12/21/2017 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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,

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

SPACING - 669731

1/2/2018 - G57 - (160) SW4 2-9N-5E

VAC 40587 ERLB, CLVNU, CLVNM, CLVNL E2 SW4

EST CLVN, ERLB, MSSP, WDFD, VIOL, SMSPD, WLCX1, MRSDO, WLCX2

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133 25268 E MAYS 1-2