

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

API NUMBER: 125 23941 A

Approval Date: 09/25/2018
Expiration Date: 03/25/2020

Straight Hole Oil & Gas

Amend reason: CHANGE PIT TYPE; UPDATE ORDER

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 9N Rge: 5E

County: POTTAWATOMIE

SPOT LOCATION: C S2 N2 SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1650 1320

Lease Name: E GWARTNEY FARMS

Well No: 2-5

Well will be 990 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

GWARTNEY FARMS LLC
48667 RUBEN RIVERS ROAD
EARLSBORO OK 74840

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

	Name	Depth		Name	Depth
1	EARLSBORO	3650	6	MARSHALL DOLOMITE	4345
2	MISENER-HUNTON	4100	7	2ND WILCOX	4370
3	VIOLA	4200	8		
4	SIMPSON DOLOMITE	4275	9		
5	1ST WILCOX	4300	10		

Spacing Orders: 667919

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807264

Special Orders:

Total Depth: 4570

Ground Elevation: 1077

Surface Casing: 1530

Depth to base of Treatable Water-Bearing FM: 1480

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: OSCAR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-35336

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.

125 23941 E GWARTNEY FARMS 2-5

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: 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>
PENDING CD - 201807264	<p>10/23/2018 - G75 - SW4 5-9N-5E X667919 SMPSD 1 WELL CIRCLE 9 RESOURCES LLC REC 10-2-2018 (FOREMAN)</p>
SPACING - 667919	<p>9/25/2018 - G75 - (160) SW4 5-9N-5E VAC 94782 ERLB, MSRH, VIOL, WLCX1, MRSL, WLCX2, OTHER SW4 VAC 205171 SMPSD SW4 EST ERLB, MSRH, VIOL, SMPSD, WLCX1, MRSDO, WLCX2, OTHER</p>
SURFACE LOCATION	<p>9/25/2018 - G75 - 1650' FSL, 1320' FWL SW4 5-9N-5E WITH GROUND ELEVATION 1077' PER STAKING PLAT</p>