

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

API NUMBER: 125 23908 A

Approval Date: 06/15/2018

Expiration Date: 12/15/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 7N Rge: 4E

County: POTTAWATOMIE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1155 1320

Lease Name: DEATHERAGE

Well No: 11

Well will be 165 feet from nearest unit or lease boundary.

Operator Name: PHOENIX OIL & GAS INC

Telephone: 4053820935

OTC/OCC Number: 10952 0

PHOENIX OIL & GAS INC
PO BOX 1859
SEMINOLE, OK 74818-1859

P.O.G. L.L.C.
P.O. BOX 1859
SEMINOLE OK 74818

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

	Name	Depth		Name	Depth
1	EARLSBORO	3500	6	SIMPSON DOLOMITE	4230
2	MISENER	3700	7	2ND WILCOX	4350
3	BOIS D ARC	3730	8		
4	CHIMNEY HILL	3900	9		
5	VIOLA	4010	10		

Spacing Orders: 116885
55239
67787

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804507

Special Orders:

Total Depth: 4450

Ground Elevation: 1006

Surface Casing: 370

Depth to base of Treatable Water-Bearing FM: 320

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.

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

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	<p>6/1/2018 - 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 - 201804507	<p>6/15/2018 - G57 - (E.O.) SE4 NW4 28-7N-4E X55239 ERLB, BDRC, CMNL, VIOL X67787 SMPSD X116885 WLCX2 165' FNL, 0' FWL X165:10-1-21 MSNR 165' FNL, 1320' FWL PHOENIX OIL & GAS, INC. REC 6-15-2018 (DENTON)</p>
SPACING	6/5/2018 - G57 - MISENER UNSPACED; 80-ACRE LEASE (S2 NW4)
SPACING - 116885	6/5/2018 - G57 - (40) 28-7N-4E EST WLCX2, OTHERS
SPACING - 55239	6/5/2018 - G57 - (40) 28-7N-4E EXT 52763 BDRC, CMNL EXT 35773/50505 ERLB EST VIOL
SPACING - 67787	6/5/2018 - G57 - (40) N2 28-7N-4E EXT 26802 SMPSD