

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

API NUMBER: 125 23951

Approval Date: 09/25/2019

Expiration Date: 03/25/2021

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 7N Rge: 4E

County: POTTAWATOMIE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 150 735

Lease Name: MATTIE GREEN

Well No: 15

Well will be 150 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

PHOENIX OIL & GAS INC.  
PO BOX 1859  
SEMINOLE OK 74818

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

|   | Name             | Depth | Name | Depth |
|---|------------------|-------|------|-------|
| 1 | CALVIN           | 2900  | 6    |       |
| 2 | HUNTON           | 3610  | 7    |       |
| 3 | SIMPSON DOLOMITE | 4130  | 8    |       |
| 4 | 1ST WILCOX       | 4200  | 9    |       |
| 5 |                  |       | 10   |       |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201904701

Special Orders:

Total Depth: 4400

Ground Elevation: 986

**Surface Casing: 300**

Depth to base of Treatable Water-Bearing FM: 140

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

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

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

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

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: OSCAR

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>9/24/2019 - GC2 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p> |
| PENDING CD - 201904701 | <p>9/25/2019 - G56 - (E.O.) N2 SE4 17-7N-4E<br/> X165:10-1-21 CLVN, HNTN, SMPSD, WLCX1 MAY BE CLOSER THAN 600' TO W. SAINT LOUIS E-H UNIT P-6 WELL<br/> COMPL INT NCT 150' FNL, NCT 735' FEL<br/> PHOENIX OIL &amp; GAS INC.<br/> REC 9/24/2019 (PRESLAR) PER ATTORNEY FOR OPERATOR</p>   |
| SPACING                | <p>9/25/2019 - G56 - FORMATIONS UNSPACED; 80 ACRE LEASE (N2 SE4)</p>  |