

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

API NUMBER: 151 24540

Approval Date: 09/07/2018

Expiration Date: 03/07/2019

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 29N Rge: 13W

County: WOODS

SPOT LOCATION:  C  SE  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 1980 1980

Lease Name: PULLIAM A

Well No: 1-31

Well will be 1980 feet from nearest unit or lease boundary.

Operator Name: TRANS PACIFIC OIL CORPORATION

Telephone: 3162623596

OTC/OCC Number: 23435 0

TRANS PACIFIC OIL CORPORATION  
100 S MAIN ST STE 200  
WICHITA, KS 67202-3735

MONTY G. LOHMANN  
514 14TH ST.  
ALVA OK 63717

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

|   | Name          | Depth |    | Name        | Depth |
|---|---------------|-------|----|-------------|-------|
| 1 | TONKAWA       | 4200  | 6  | MISENER     | 5325  |
| 2 | KANSAS CITY   | 4470  | 7  | HUNTON      | 5400  |
| 3 | OSWEGO        | 4720  | 8  | SYLVAN DOLO | 5420  |
| 4 | MISSISSIPPIAN | 4830  | 9  | VIOLA       | 5450  |
| 5 | CHEROKEE      | 4850  | 10 | SIMPSON     | 5540  |

Spacing Orders: 555678  
557533  
559882

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5900

Ground Elevation: 1365

**Surface Casing: 1100**

Depth to base of Treatable Water-Bearing FM: 410

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 60000 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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  |
|----------------------|--|
| DEEP SURFACE CASING  | 9/4/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING  |
| HYDRAULIC FRACTURING | 9/4/2018 - G71 - OCC 165:10-3-10 REQUIRES:<br><br>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;<br><br>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://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a> ; AND,<br><br>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> |
| SPACING - 555678     | 9/7/2018 - G57 - (480)(IRRG-UNIT) NW4, SW4, SE4 31-29N-13W & (160) NE4 31-29N-13W VAC 122549 TNKS, KSSC, OSWG, CHRK, MSSP<br>EST (480) TNKW, KSSC, OSWG, CHRK, MSSP, MSNR, HNTN, SLVND, VIOL, SMPS<br>EST (160) TNKW, KSSC, OSWG, CHRK, MSSP, MSNR, HNTN, SLVND, VIOL, SMPS (VAC ALL BY 644330 NE4)  |
| SPACING - 557533     | 9/7/2018 - G57 - NPT FOR SP. ORDER 55678 TO CORRECT SPELLING OF MISENER  |
| SPACING - 559882     | 9/7/2018 - G57 - NPT OF 555678/557533 TO CORRECT SPELLING OF THE MISENER   |