

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

API NUMBER: 063 24657

Approval Date: 03/10/2017  
Expiration Date: 09/10/2017

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 6N Rge: 9E County: HUGHES  
SPOT LOCATION:  SE  NW  NE  SE FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2190 1840

Lease Name: CLAUD Well No: 1-28 Well will be 450 feet from nearest unit or lease boundary.

Operator Name: TILFORD PINSON EXPLORATION LLC Telephone: 4053487201 OTC/OCC Number: 19944 0

TILFORD PINSON EXPLORATION LLC  
841 S KELLY AVE STE 130  
EDMOND, OK 73003-5278

SUZANNE LORRAINE CRABTREE  
4803 SOUTH 69 EAST AVENUE  
TULSA OK 74145

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

	Name	Depth	Name	Depth	
1	CALVIN	460	6	HARTSHORNE	3475
2	SENORA (ALLEN)	880	7		
3	THURMAN	1810	8		
4	BARTLESVILLE	2260	9		
5	BOOCH	3110	10		

Spacing Orders: 633790

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3560

Ground Elevation: 845

**Surface Casing: 790**

Depth to base of Treatable Water-Bearing FM: 740

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. 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.

063 24657 CLAUD 1-28

Category	Description
HYDRAULIC FRACTURING	3/6/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
SPACING - 633790	3/10/2017 - G75 - (40) SE4 28-6N-9E EXT 199066 BOCH, OTHER EST CLVN, SNALN, TRMN, BRVL, HRSR, OTHER

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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.