

API NUMBER: 063 24957

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

Approval Date: 11/22/2022

Expiration Date: 05/22/2024

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 33 Township: 6N Range: 9E County: HUGHES

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 690 750

Lease Name: JESSICA Well No: 1-33 Well will be 570 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

WILLIAM DAVID, JO ELLA, AND JESSICA ELAINE CATES
PO BOX 155
ATWOOD OK 74827

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

	Name	Code	Depth
1	CALVIN	404CLVN	440
2	SENORA (ALLEN)	404SNALN	850
3	THURMAN	404TRMN	1810
4	BARTLESVILLE	404BRVL	2260
5	SAVANNA	404SVNN	2550

	Name	Code	Depth
6	BOOCH	404BOCH	3080
7	HARTSHORNE	404HRSR	3460

Spacing Orders: 634169

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 3550

Ground Elevation: 799

Surface Casing: 630

Depth to base of Treatable Water-Bearing FM: 580

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 22-38616

H. (Other)

CLOSED SYSTEM=STEEL PITS (REQUIRED - LEADER CREEK)

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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>[11/21/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
SPACING - 634169	<p>[11/22/2022 - GB1] - (40) E2 33-6N-9E EXT 199066 BOCH, OTHER EST CLVN, SNALN, TRMN, BRVL, SVNN, HRSR</p>