

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

API NUMBER: 091 21808

Approval Date: 09/04/2018

Expiration Date: 03/04/2019

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 12N Rge: 16E

County: MCINTOSH

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ NE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2511 226

Lease Name: JEFFRIES

Well No: 1-21

Well will be 129 feet from nearest unit or lease boundary.

Operator Name: BLUE WATER TPX OPERATING COMPANY LLC

Telephone: 4053487201

OTC/OCC Number: 24207 0

BLUE WATER TPX OPERATING COMPANY LLC
841 S KELLY AVE
EDMOND, OK 73003-5658

JERRY JEFFRIES
409 MILES AVENUE
CHECOTAH OK 74426

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

	Name	Depth	Name	Depth
1	BOOCH	1320	6	
2	HARTSHORNE	1500	7	
3	ATOKA	1600	8	
4	WAPANUCKA	2490	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803865

Special Orders:

Total Depth: 2600

Ground Elevation: 664

Surface Casing: 100

Depth to base of Treatable Water-Bearing FM: 50

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: AIR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: BOGGY

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

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>8/21/2018 - 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: OCCWEB.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 - 201803865	<p>8/28/2018 - G57 - (480/320)(IRRG-UNITS) 16 & 21-12N-16E VAC 153229 BOCH 16-12N-16E VAC 492641 BOCH N2 N2 21-12N-16E VAC 663462 BOCH S2 21-12N-16E VAC 663462 HRSR, ATOK, WPCK 16 & 21-12N-16E EST (320)(IRRG) S2 S2 16 & N2 N2 21-12N-16E BOCH, HRSR, ATOK, WPCK, OTHER LD NCT 660'FB EST (480)(IRRG) N2 S2, N2 16 & S2 N2, S2 21-12N-16E BOCH, HRSR, ATOK, WPCK, OTHER REC 6-4-2018 (JOHNSON)</p>