API NUMBER: 117 23689

Straight Hole Oil & Gas

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

Approval Date: 07/19/2017
Expiration Date: 01/19/2018

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 22N Rge: 3E County: PAWNEE

SPOT LOCATION: C NE SW NW FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**
SECTION LINES: **990** **990**

Lease Name: ADAMS **Well No: 3-4** **Well will be 990 feet from nearest unit or lease boundary.**

Operator Name: **PETRO WARRIOR LLC** Telephone: 3166504279; 3166504 OTC/OCC Number: 22165 0

PETRO WARRIOR LLC
PO BOX 3399
WICHITA, KS 67201-3399

JANICE SCROGGINS
41801 SOUTH 377 ROAD
MORRISON OK 74061

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

	Name	Depth		Name	Depth
1	TONKAWA	1900	6		
2	PERRY	2250	7		
3	LAYTON	2500	8		
4			9		
5			10		

Spacing Orders: 547942 Location Exception Orders: Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 2850 Ground Elevation: 1006 **Surface Casing: 240** Depth to base of Treatable Water-Bearing FM: 190

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: 5000 Average: 3000
Is depth to top of ground water greater than 10ft below base of pit? N
Within 1 mile of municipal water well? N
Wellhead Protection Area? N
Pit **is** located in a Hydrologically Sensitive Area.
Category of Pit: 2
Liner not required for Category: 2
Pit Location is BED AQUIFER
Pit Location Formation: OSCAR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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	6/28/2017 - 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 HTTP://FRACFOCUS.ORG/ 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 - 547942	7/10/2017 - G64 - (160) NW4 4-22N-3E VAC OTHER EST TNKW, PRRY, LYTN

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