

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

API NUMBER: 151 24552

Approval Date: 12/10/2018  
Expiration Date: 06/10/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 29N Rge: 17W County: WOODS  
SPOT LOCATION: W2 W2 E2 W2 FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2640 1335

Lease Name: KAMAS Well No: 12-32 Well will be 1335 feet from nearest unit or lease boundary.  
Operator Name: POLLOK ENERGY LLC Telephone: 4055276038 OTC/OCC Number: 23163 0

POLLOK ENERGY LLC  
PO BOX 106  
PURCELL, OK 73080-0106

RED HILL TRUST  
P O BOX 175  
FREEDOM OK 73842

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

	Name	Depth	Name	Depth
1	PENN UP (LS ELGIN)	4495	6	
2	KAN CITY-LANSING	4689	7	
3	CHEROKEE	5386	8	
4	MISSISSIPPIAN	5461	9	
5			10	

Spacing Orders: 128698

Location Exception Orders:

Increased Density Orders: 683714

Pending CD Numbers:

Special Orders:

Total Depth: 5750

Ground Elevation: 1919

**Surface Casing: 800**

Depth to base of Treatable Water-Bearing FM: 570

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 45000 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 BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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.

151 24552 KAMAS 12-32

Category	Description
HYDRAULIC FRACTURING	<p>11/27/2018 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 683714	<p>12/7/2018 - G56 - 32-29N-17W X128698 MSSP, OTHER 1 WELL POLLOK ENERGY, LLC 9/25/2018</p>
SPACING - 128698	<p>12/7/2018 - G56 - (640) 32-29N-17W VAC OTHERS EXT OTHERS EXT 64632/114205 MSSP, OTHERS EXT 114205/126117 PNULE, LGKC, CHRK, OTHERS</p>

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