

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

API NUMBER: 117 23632

Approval Date: 01/20/2015

Expiration Date: 07/20/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 22N Rge: 5E

County: PAWNEE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 330 935

Lease Name: I.R.

Well No: 1-33

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: TARKA ENERGY LLC

Telephone: 5804709230

OTC/OCC Number: 23529 0

TARKA ENERGY LLC  
PO BOX 190  
DUNCAN, OK 73534-0190

TR. FOR PAWNEE TRIBE, PAWNEE AGENCY, BUREAU OF  
AFFAIRS  
P.O. BOX 440  
PAWNEE OK 74085

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

Name	Depth	Name	Depth
1 CLEVELAND	2784	6 SIMPSON DOLOMITE	3626
2 RED FORK	3187	7 WILCOX	3640
3 MISSISSIPPI CHAT	3366	8	
4 MISSISSIPPI LIME	3379	9	
5 WOODFORD	3592	10	

Spacing Orders: 617558

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408993  
201408992

Special Orders:

Total Depth: 3790

Ground Elevation: 918

**Surface Casing: 180**

Depth to base of Treatable Water-Bearing FM: 130

Under Federal Jurisdiction: Yes

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: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is BED AQUIFER

Pit Location Formation: VANOSS

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. 20-MIL PIT LINER REQUIRED

F. Haul to Commercial soil farming facility: Sec. 13 Twn. 19N Rng. 5E Cnty. 119 Order No: 561542

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
FRAC FOCUS	1/20/2015 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
PENDING CD - 201408992	1/20/2015 - G91 - 33-22N-5E X617558 RDFK, MSSCT, WDFD, SMPD, WLCX, OTHER XOTHER 1 WELL NO OP. NAMED REC. 1-13-2015 (P. PORTER)
PENDING CD - 201408993	1/20/2015 - G91 - 33-22N-5E X617558 CLVD, RDFK, MSSCT, MSSLM, WDFD, SMPD, WLCX, OTHER XOTHER NCT 330 FNL, NCT 935 FWL NO OP. NAMED REC. 1-13-2015 (P. PORTER)
PUBLIC WATER SUPPLY/WELLHEAD PROTECTION AREA	1/20/2015 - G71 - CITY OF PAWNEE - 1 PWS/WPA, S2 29-22N-5E
SPACING - 617558	1/20/2015 - G91 - (640) 33-22N-5E EST CLVD, RDFK, MSSCT, MSSLM, WDFD, SMPD, WLCX, OTHER

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