

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

API NUMBER: 117 23630

Approval Date: 12/22/2014  
Expiration Date: 06/22/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 20N Rge: 6E County: PAWNEE  
SPOT LOCATION:  NE  SE  NW  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 1815 1485

Lease Name: LASSLEY Well No: 2-17 Well will be 825 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

WILLIAM & KRISTI LASSLEY  
363033 E. 5880 RD.  
YALE OK 74085

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

	Name	Depth	Name	Depth	
1	CLEVELAND	2532	6	RED FORK	3013
2	BIG LIME	2591	7	MISSISSIPPI	3269
3	OSWEGO	2721	8	WOODFORD	3378
4	PRUE	2816	9	SIMPSON DOLOMITE	3420
5	SKINNER	2962	10	WILCOX	3448

Spacing Orders: 472149

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201409114

Special Orders:

Total Depth: 3650

Ground Elevation: 890

**Surface Casing: 390**

Depth to base of Treatable Water-Bearing FM: 340

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: 3000 Average: 2000

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: VANOSS

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.

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Category	Description
FRAC FOCUS	11/13/2014 - 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 - 201409114	12/22/2014 - G76 - (E.O) NW4 SE4 17-20N-6E X472149 CLVD, PRUE, SKNR, RDFK, WLCX NCT 495 FSL, NCT 165 FEL NO OP. NAMED REC. 12/19/2014 (DECKER)
SPACING	12/11/2014 - G76 - BIG LIME, OSWEGO, MISSISSIPPI, WOODFORD, SIMPSON DOLOMITE UNSPACED; 160-ACRE LEASE (SE4)
SPACING - 472149	12/11/2014 - G76 - (40) SE4 17-20N-6E EST CLVD, PRUE, SKNR, RDFK, WLCX

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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.

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HPI-117-23630

# Well Location Plat

Sec. 17-20N-6E I.M.

Operator: TARKA ENERGY, LLC  
 Lease Name and No.: LASSLEY 2-17 ALT  
 Footage: 1815' FSL - 1485' FEL GR. ELEVATION: 890' Good Site? YES  
 Section: 17 Township: 20N Range: 6E I.M.  
 County: Pawnee State of Oklahoma  
 Terrain at Loc.: Pasture, scattered timber  
 Accessibility: From the North.  
 Directions: From the junction of US Highway 64 & OK Highway 18 in the town of Pawnee, OK, go 5.8 miles South on Hwy 18, then turn East onto "Loce Chimney Road" for ± 6 miles, thence going South on Underwood Road ±1.5 miles, to the East quarter of Section 17-20N-6E.



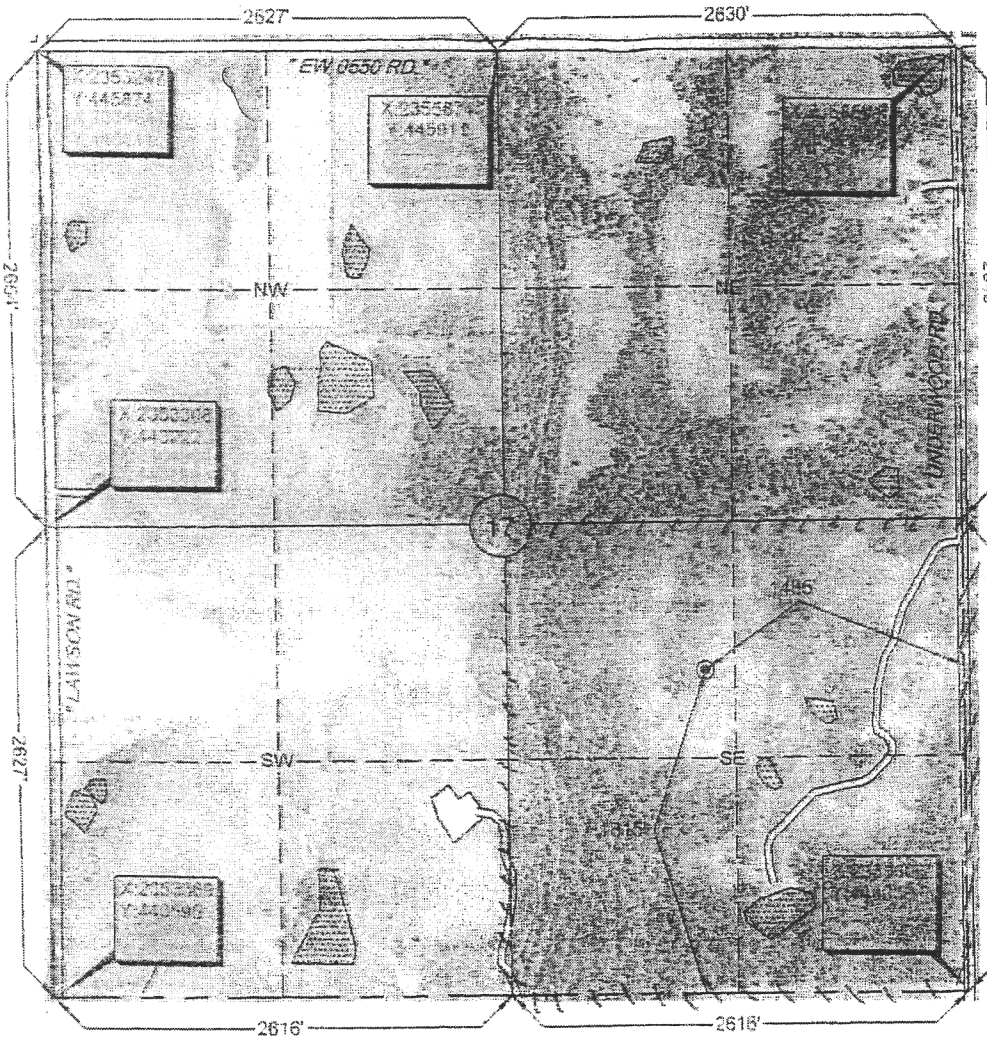
1"=1000'  
 GPS DATUM  
 NAD 83  
 OK NORTH ZONE  
 NAD 83  
 OK NORTH ZONE

Surface Hole Loc.  
 Lat: 36.20022962  
 Lon: 96.60290389  
 X: 2397062  
 Y: 442453

Surface Hole Loc.  
 Lat: 36.20018553  
 Lon: 96.60249747  
 X: 2392867  
 Y: 442400

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor and the accuracy of the survey is not guaranteed. Please contact Arkoma Surveying and Mapping for any inconsistency in coordinates. GPS 562 is obtained from RTK-GPS.

160  
 Acre  
 Lease  
 SE/4



NOTE: X and Y data shown herein is based on a Government Survey Plat. Coordinates may NOT have been surveyed on the ground, and further, do NOT represent a true boundary survey.

survey and plat by:  
 Arkoma Surveying and Mapping, PLLC  
 P.O. Box 238 Wilburton, OK 74575  
 Ph. 918-465-6711 Fax 918-465-5030  
 Certificate of Authorization No. 5348  
 Expires June 30, 2016

Certification:  
 This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Invoice #5033-A  
 Date Staked: 10/30/14 By: JF  
 Date Drawn: 11/07/14 By: RS

*Stan Drannon* 11/10/14  
 STAN DRANNON OK LPLS 1672

