

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

API NUMBER: 117 ~~23636~~ 60008

Approval Date: 01/30/2015  
Expiration Date: 07/30/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 22N Rge: 4E County: PAWNEE  
SPOT LOCATION:  NE  NE  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 320 1339

Lease Name: SCHOOL LAND Well No: 1-36 Well will be 320 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

COMMISSIONERS OF THE LAND OFFICE-STATE OF OKLAHOMA  
120 N. ROBINSON AVE. SUITE 1000W  
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 CLEVELAND	2990	6 RED FORK	3420
2 BIG LIME	3060	7 MISSISSIPPI	3645
3 OSWEGO	3160	8 WOODFORD	3840
4 PRUE	3260	9 SIMPSON DOLOMITE	3890
5 SKINNER	3380	10 WILCOX	3930

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4070 Ground Elevation: 911 **Surface Casing: 160** Depth to base of Treatable Water-Bearing FM: 110

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: 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? 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.

Category	Description
FRAC FOCUS	1/30/2015 - 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
SPACING	1/30/2015 - G91 - FORMATIONS UNSPACED; 160-ACRE LEASE (NE4)

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.

# Well Location Plat

Operator: TARKA ENERGY, LLC  
 Lease Name and No.: SCHOOL LAND 1-36  
 Footage: 320' FNL - 1339' FEL GR. ELEVATION: 911' Good Site? YES  
 Section: 36 Township: 22N Range: 4E I.M.  
 County: Pawnee State of Oklahoma  
 Alternate Loc.: N/A  
 Terrain at Loc.: Location fell in Timber. Old Existing site ± 75' X 150'



Accessibility: From the East.  
 Directions: From the town of Pawnee, OK at the intersection of State Highway 18 & State Highway 64, go 0.5 mile West on HWY 64, go North on "11th Street", go 0.5 mile West on "Kansas Street", then go 0.5 mile North on "34700 Road" to Northeast Corner of Section 36-22N-4E.

*Lease 160 acres  
NE 4*

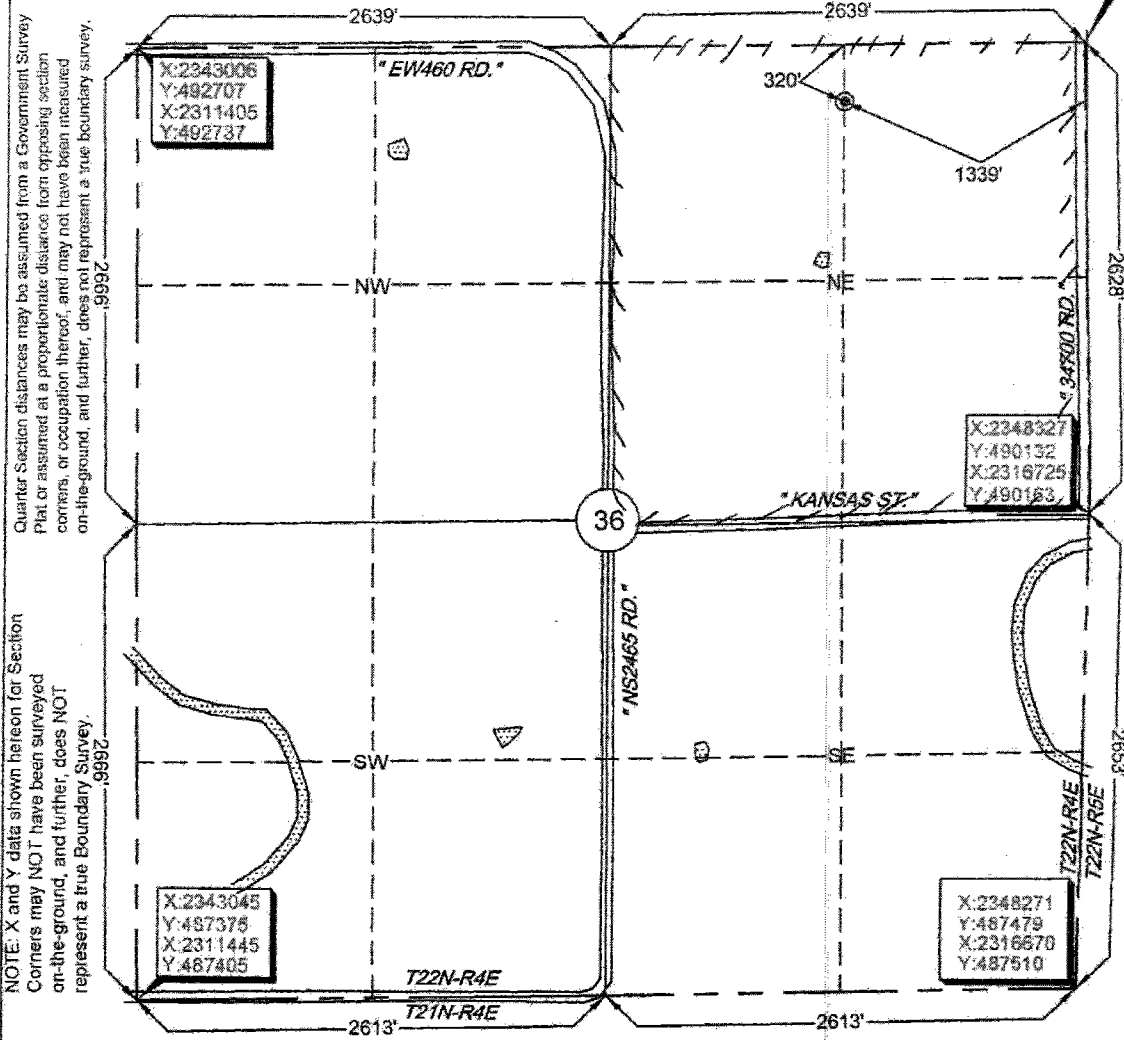
X:2348254  
Y:492758  
X:2316683  
Y:492790

1"=1000'  
 GPS DATUM  
 NAD - 27  
 OK NORTH ZONE  
 GPS DATUM  
 NAD - 83  
 OK NORTH ZONE

Surface Hole Loc.:  
 Lat: 36.347875  
 Lon: -96.821887  
 X: 2348950  
 Y: 492426

Surface Hole Loc.:  
 Lat: 36.347928  
 Lon: -96.822200  
 X: 2315350  
 Y: 492457

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.



X:2243006  
Y:492707  
X:2311405  
Y:492737

X:2348327  
Y:490132  
X:2316725  
Y:490183

X:2343045  
Y:487375  
X:2311445  
Y:487405

X:2348271  
Y:487479  
X:2316670  
Y:487510

survey and plat by,  
**Arkoma Surveying and Mapping, PLLC**  
 P.O. Box 238 Wilburton, OK 74578  
 Ph. 918-465-5711 Fax 918-465-5030  
 Certificate of Authorization No. 5348  
 Expires June 30, 2016

Invoice #5254  
 Date Staked: 01/27/15 By: J.W.  
 Date Drawn: 01/28/15 By: T.S.

**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.

*Stan Drannon* 1/29/15  
 STAN DRANNON OK LPLS 1672

