

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

API NUMBER: 117 23623

Approval Date: 11/10/2014

Expiration Date: 05/10/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 21N Rge: 5E

County: PAWNEE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 330 430

Lease Name: DALE

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

DALE L. OSBORN
51401 S. 349 ROAD
PAWNEE OK 74058

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

Name	Depth	Name	Depth
1 BIG LIME	3018	6 RED FORK	3422
2 OSWEGO	3141	7 MISSISSIPPIAN	3622
3 PRUE UP	3203	8 WOODFORD	3804
4 PRUE LOW	3236	9 SIMPSON DOLOMITE	3844
5 SKINNER LOW	3376	10 WILCOX	3874

Spacing Orders: 621832
292043

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4000

Ground Elevation: 1034

Surface Casing: 300

Depth to base of Treatable Water-Bearing FM: 250

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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: OSCAR

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	10/14/2014 - 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 HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING	11/10/2014 - G72 - FORMATION UNSPACED (SMPSD), 40 ACRE LEASE (NW NW)
SPACING - 292043	11/10/2014 - G72 - (40) NW 33-21N-05E EXT 53862 PRUEU, PRUEL, SKNRL, RDFK, MSSLM, EST CLVD, BGLM, OSWG, WDFD, WLCX, OTHERS (VAC BY 621832 N2 NW RDFK, MSSLM, WDFD, WLCX)
SPACING - 621832	11/10/2014 - G72 - (80) N2 NW 33-21N-05E LD (NW NW) VAC 292043 RDFK, MSSLM, WDFD, WLCX, EST RDFK, MSSP, WDFD, WLCX

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.

Sec. 33-21N-5E I.M.

117-23623

Well Location Plat

Operator: TARKA ENERGY, LLC
 Lease Name and No.: DALE 1-33
 Footage: 330' FNL - 430' FWL GR. ELEVATION: 1034' Range: 5E I.M.
 Section: 33 Township: 21N Range: 5E I.M. Good Site? YES

County: Pawnee State of Oklahoma

Terrain at Loc.: Location fell in open pasture.

Accessibility: From the North.

Directions: From the junction of US Highway 64 & State Highway 18 in Pawnee, OK, go 3.4 miles South on Highway 18 to the Northwest corner of Section 33-21N-5E.



1"=1000'

GPS DATUM

NAD 83

OK NORTH ZONE

NAD 27

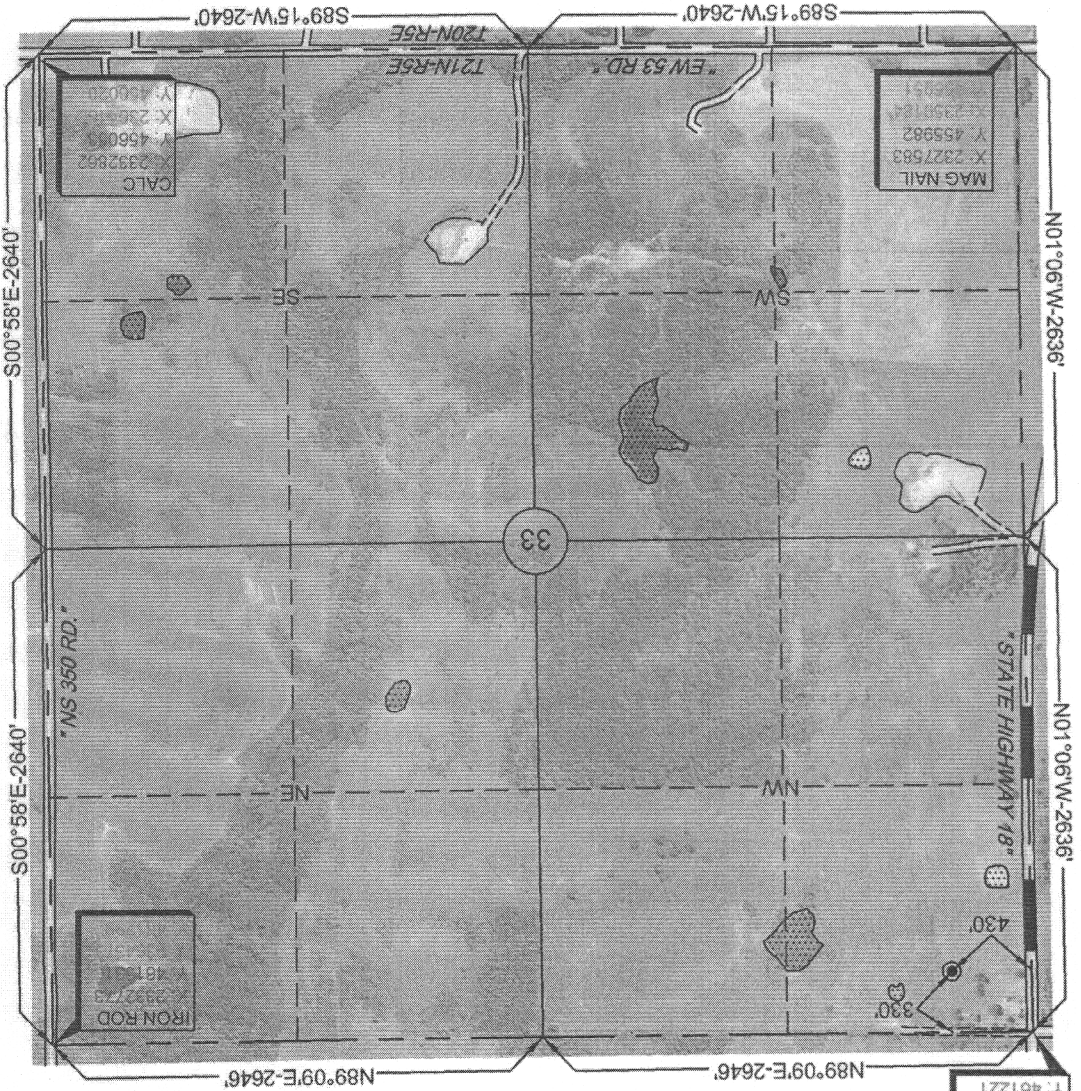
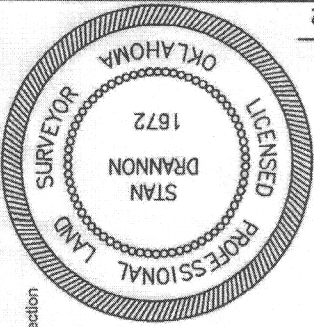
OK NORTH ZONE

Surface Hole Loc.:
 Lat 36.26002475
 Lon: -96.78086676
 X: 2327918
 Y: 460929

Surface Hole Loc.:
 Lat 36.25986573
 Lon: -96.78055680
 X: 2369519
 Y: 460897

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.
 Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.



MAG NAIL
 X: 2327482
 Y: 461253
 X: 2359082
 Y: 461221

STAN DRANNON
 OK LPLS 1672

Stan Drannon 10/9/14

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.

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 # 4950
 Date Staked: 10/02/14 By: J.F.
 Date Drawn: 10/08/14 By: J.H.