

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

API NUMBER: 117 23637

Approval Date: 02/02/2015
Expiration Date: 08/02/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 21N Rge: 5E County: PAWNEE
SPOT LOCATION: W2 NE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 990 1700

Lease Name: WARE Well No: 1-29 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

JACK AND PAM WARE
48751 E. 5200 RD
PAWNEE OK 74058

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

	Name	Depth	Name	Depth	
1	CLEVELAND	2983	6	RED FORK	3412
2	BIG LIME	3052	7	MISSISSIPPI	3639
3	OSWEGO	3154	8	WOODFORD	3830
4	PRUE	3249	9	SIMPSON DOLOMITE	3883
5	SKINNER	3374	10	WILCOX	3915

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4070 Ground Elevation: 964 **Surface Casing: 170** Depth to base of Treatable Water-Bearing FM: 120

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	2/2/2015 - 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 HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING	2/2/2015 - G91 - FORMATIONS UNSPACED; 40-ACRE LEASE (SW4 SE4)

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. : WARE 1-29

Footage : 990' FSL - 1700' FEL GR. ELEVATION : 964' Good Site? YES

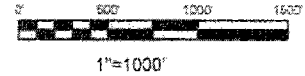
Section: 29 Township: 21N Range: 5E I.M.

County : Pawnee State of Oklahoma

Alternate Loc.: N/A

Terrain at Loc. : Location fell in pasture, South of dry creek bed.

Lease 40 Acres SW/SE



Accessibility : From the North.

Directions : From the town of Pawnee, OK, at the intersection of State Highway 18 & State Highway 64, go 3.75 miles South on HWY 18, then go .3 mile West on "E0520 Road" to site in the Southeast Corner of Section 29-21N-5E.

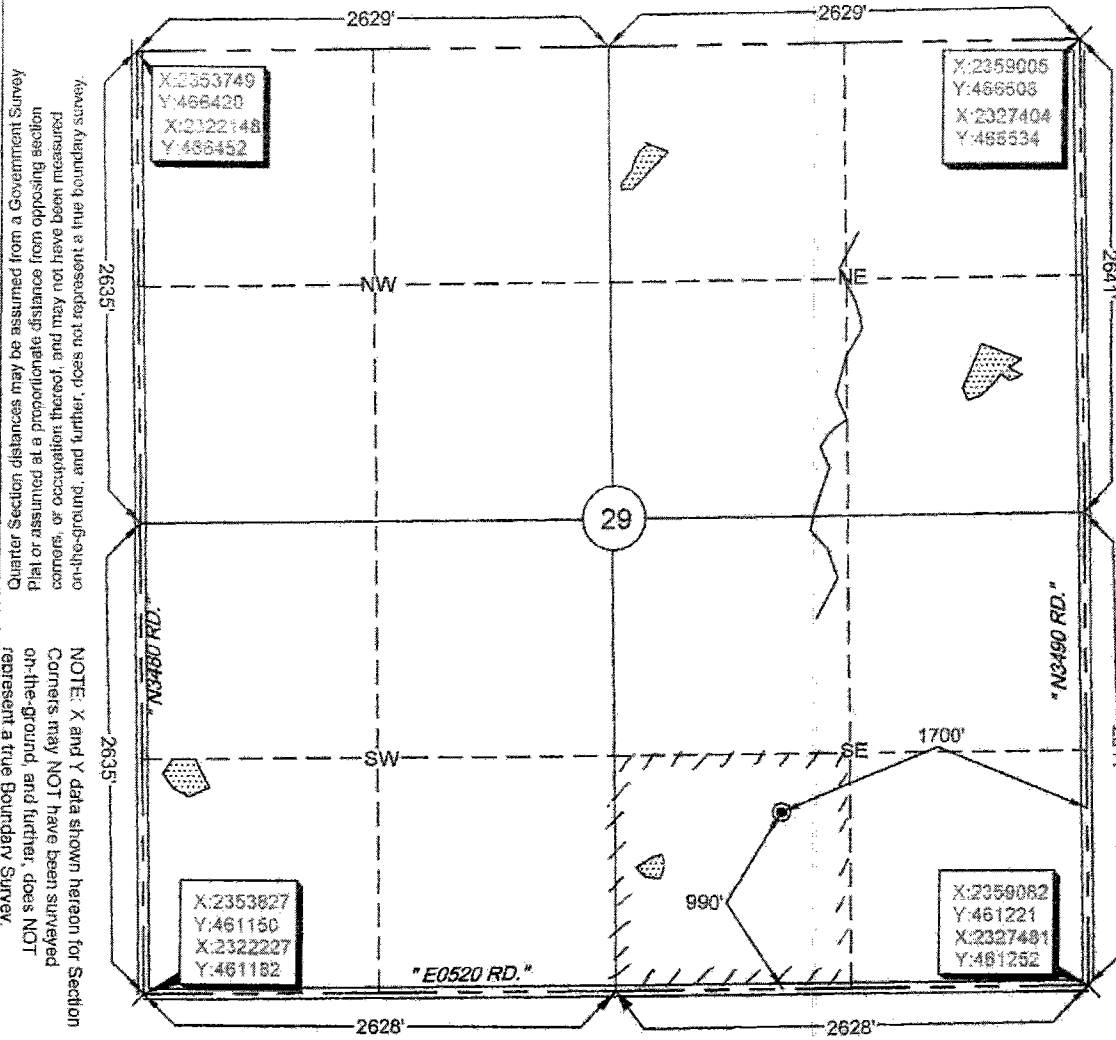
GPS DATUM
NAD - 27
OK NORTH ZONE

GPS DATUM
NAD - 83
OK NORTH ZONE

Surface Hole Loc.:
Lat: 36.263584
Lon: -96.787794
X: 2357368
Y: 462188

Surface Hole Loc.:
Lat: 36.263642
Lon: -96.788106
X: 2325767
Y: 462220

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.

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 #5269
Date Staked : 01/27/15 By : J.W.
Date Drawn : 01/29/15 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

