

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

API NUMBER: 117 23629

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

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 22N Rge: 4E

County: PAWNEE

SPOT LOCATION: C SE NE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1650 330

Lease Name: MCKILL

Well No: 1-25

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

MORRIS MCKILL & CLAUDIE MCKILL
44551 S. 358 RD
PAWNEE OK 74058

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

	Name	Depth	Name	Depth	
1	CLEVELAND	2292	6	RED FORK	3379
2	BIG LIME	3053	7	MISSISSIPPI	3596
3	OSWEGO	3144	8	WOODFORD	3819
4	PRUE	3200	9	SIMPSON DOLOMITE	3850
5	SKINNER	3343	10	WILCOX	3879

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3990

Ground Elevation: 911

Surface Casing: 180

Depth to base of Treatable Water-Bearing FM: 130

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.

Category	Description
FRAC FOCUS	10/31/2014 - 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	12/12/2014 - G76 - FORMATIONS UNSPACED; 160-ACRE LEASE (SE4)

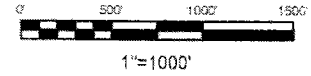
This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Well Location Plat

Sec. 25-22N-4E I.M.

APT. 117-23629

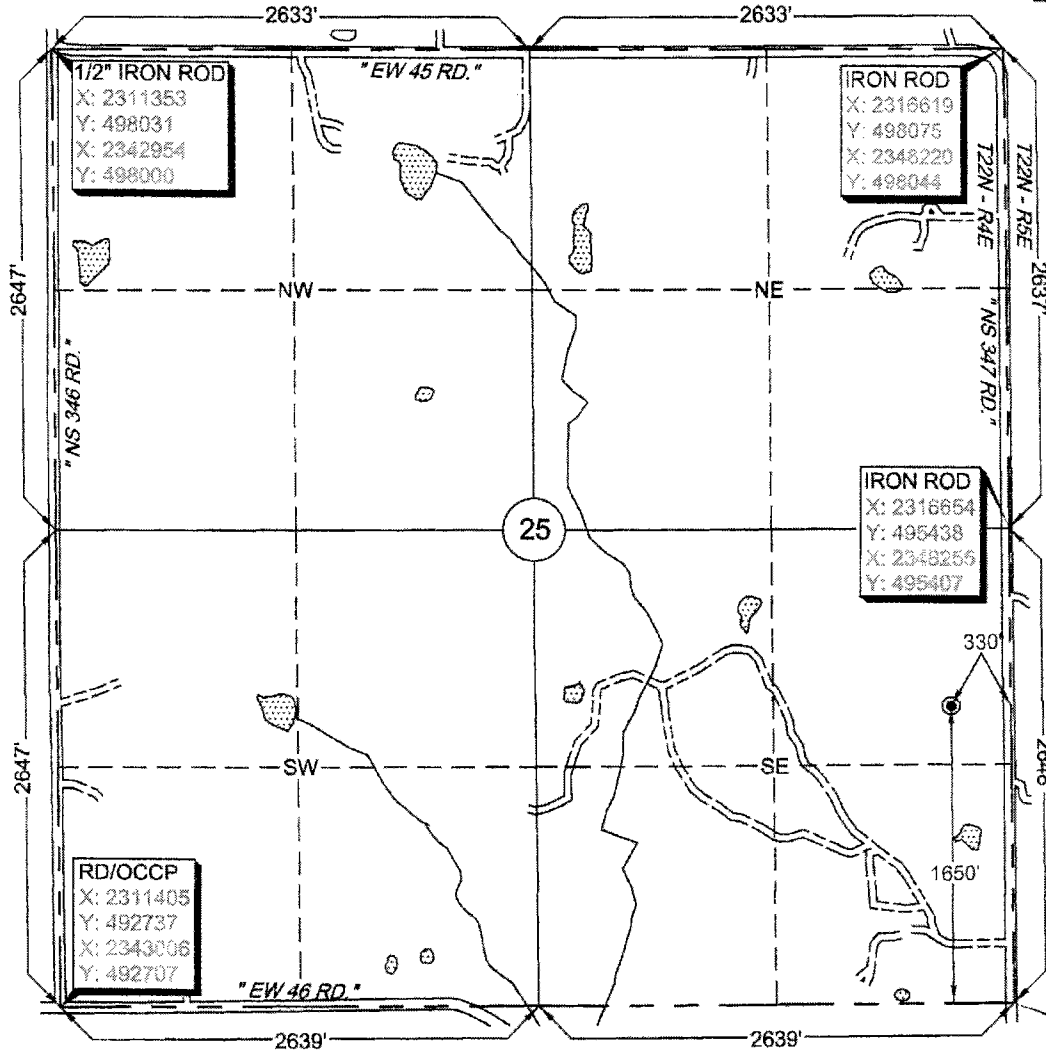
Operator: TARKA ENERGY, LLC
 Lease Name and No. : McKILL 1-25
 Footage : 1650' FSL - 330' FEL GR. ELEVATION : 911' Good Site? YES
 Section: 25 Township: 22N Range: 4E I.M.
 County : Pawnee State of Oklahoma
 Terrain at Loc. : Stake fell in pasture with scattered timber.
 Accessibility : From the North.
 Directions : From the intersection of State Highway 18 and State Highway 15 in the town of Pawnee, OK, go 1.0 mile West on State Highway 15, then 3.5 miles South on "NS 347 Road" to the East 1/4 Corner of Section 25-22N-5E.



GPS DATUM
 NAD 83
 OK NORTH ZONE
 NAD 83
 OK NORTH ZONE

Surface Hole Loc
 Lat: 36.35249609
 Lon: -96.81876813
 X: 2316335
 Y: 494437

Surface Hole Loc.
 Lat: 36.35240161
 Lon: -96.81845513
 X: 2347636
 Y: 494406

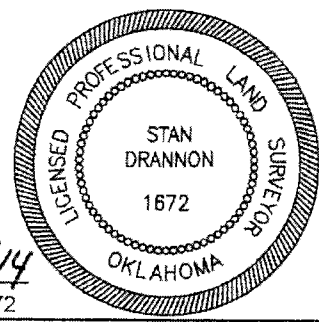


Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

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

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 # 5032
 Date Staked : 10/24/14 By : J.F.
 Date Drawn : 10/27/14 By : J.H.

Stan Drannon 10/28/14
 STAN DRANNON OK LPLS 1672

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