

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

API NUMBER: 117 23627

Approval Date: 12/03/2014
Expiration Date: 06/03/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 21N Rge: 5E County: PAWNEE
SPOT LOCATION: C NW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 990 1650

Lease Name: MEDFORD Well No: 1-28 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

JAMES D. MEDFORD & EFFIE G. MEDFORD
29 CASA LOMA ROAD
CEDAR CREST NM 87008-

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

Name	Depth	Name	Depth
1 CLEVELAND	2830	6 MISSISSIPPI	3468
2 OSWEGO	3000	7 WOODFORD	3653
3 PRUE	3083	8 SIMPSON DOLOMITE	3686
4 SKINNER	3220	9 WILCOX	3710
5 RED FORK	3256	10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3800 Ground Elevation: 1004 **Surface Casing: 270** Depth to base of Treatable Water-Bearing FM: 50

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	12/3/2014 - 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	12/3/2014 - G91 - FORMATIONS UNSPACED; 240-ACRE LEASE (E2 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

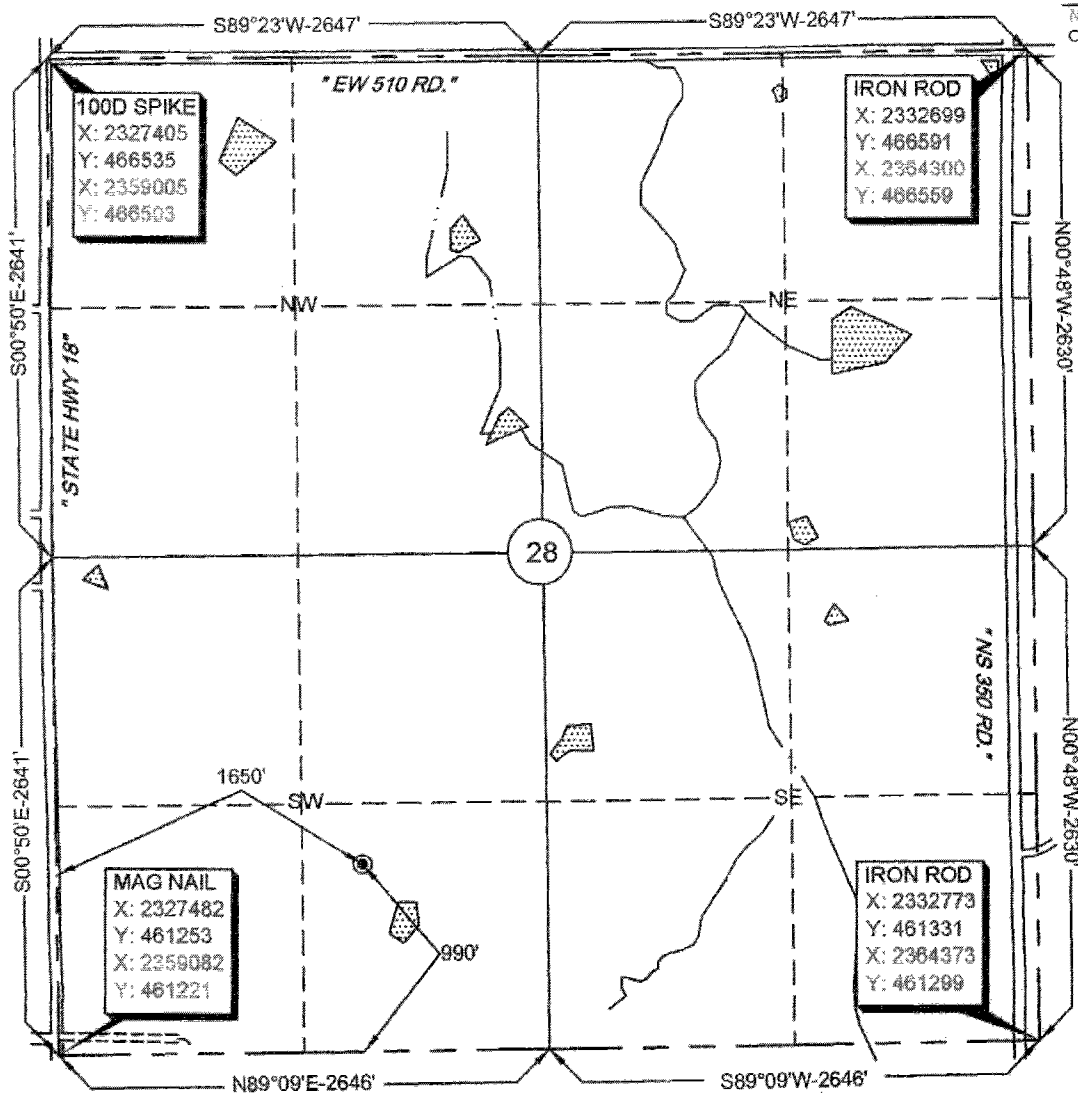
117-23627 Sec. 28-21N-5E I.M.

Operator: TARKA ENERGY, LLC
 Lease Name and No. : MEDFORD 1-28
 Footage : 990' FSL - 1650' FWL GR. ELEVATION : 1004' Good Site? YES
 Section: 28 Township: 21N Range: 5E I.M.
 County : Pawnee State of Oklahoma
 Terrain at Loc. : Location fell in open pasture.
 Accessibility : From the North.
 Directions : From the junction of US Highway 18 & OK Highway 64 in Pawnee,OK, go 3.4 miles South on Hwy 18, to the Southwest Corner of Section 28-21N-5E.



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

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.
 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.



Surface Hole Loc.:
 Lat: 36.26385756
 Lon: -96.77674298
 X: 2329117
 Y: 462267

Surface Hole Loc.:
 Lat: 36.26359945
 Lon: -96.77643182
 X: 2366716
 Y: 462235

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

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 #4949
 Date Staked : 10/02/14 By : JF
 Date Drawn : 10/08/14 By : TS

Stan Drannon 10/9/14
STAN DRANNON OK LPLS 1672

