

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

API NUMBER: 117 20897 B

Approval Date: 07/20/2015  
Expiration Date: 01/20/2016

Straight Hole Oil & Gas

Amend reason: UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 21N Rge: 5E

County: PAWNEE

SPOT LOCATION:  SE  NW  SW  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 875 2207

Lease Name: DVORAK (GRIESEL 1)

Well No: 1-17

Well will be 875 feet from nearest unit or lease boundary.

Operator Name: TARKA ENERGY LLC

Telephone: 4053106264; 5804709

OTC/OCC Number: 23529 0

TARKA ENERGY LLC  
3928 TECUMESH ROAD  
NORMAN, OK 73072

MELVIN Y. GRIESEL & BETTY L. GRIESEL  
49501 SOUTH 349 ROAD  
PAWNEE OK 74058

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

Name	Depth	Name	Depth
1 CLEVELAND	2750	6 RED FORK	3302
2 BIG LIME	2915	7 MISSISSIPPIAN	3491
3 OSWEGO	2971	8 WOODFORD	3645
4 PRUE	3100	9 SIMPSON DOLOMITE	3684
5 SKINNER	3169	10 WILCOX	3688

Spacing Orders: 649855

Location Exception Orders: 650855

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3856

Ground Elevation: 877

**Surface Casing: 252 IP**

Depth to base of Treatable Water-Bearing FM: 200

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

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.

117 20897 DVORAK (GRIESEL 1) 1-17

Category	Description
HYDRAULIC FRACTURING	9/15/2016 - G75 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
LOCATION EXCEPTION - 650855	9/15/2016 - G75 - 17-21N-5E X649855 CLVD, BGLM, OSWG, PRUE, SKNR, RDFK, MSSP, WDFD, SMPD, WLCX 875' FSL, 2207' FEL TARKA ENERGY, LLC 3-15-2016
SPACING - 649855	9/15/2016 - G75 - (640) 17-21N-5E VAC 291202 CLVD, BGLM, OSWG, PRUE, SKNR, RDFK, MSSP, WDFD, WLCX EXT 646264 CLVD EXT 647332 OSWG, PRUE, SKNR, RDFK, MSSP, WDFD, SMPD, WLCX EST BGLM
SURFACE LOCATION	7/20/2015 - G64 - 875' FSL, 2207' FEL SE4 17-21N-5E PER SURVEY PLAT

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.