

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

API NUMBER: 117 23667 A

Approval Date: 07/15/2015
Expiration Date: 01/15/2016

Straight Hole Oil & Gas

Amend reason: UPDATE ORDERS; DELETE FORMATIONS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 21N Rge: 5E

County: PAWNEE

SPOT LOCATION: C SE NE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1650 330

Lease Name: DVORAK

Well No: 1-18

Well will be 330 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

WILLIAM C. AND JUDY A. GREISEL
49451 SOUTH 34800 ROAD
PAWNEE OK 74058

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

	Name	Depth	Name	Depth	
1	OSWEGO	2975	6	WOODFORD	3650
2	PRUE	3104	7	SIMPSON DOLOMITE	3688
3	SKINNER	3173	8	WILCOX	3692
4	RED FORK	3306	9		
5	MISSISSIPPIAN	3495	10		

Spacing Orders: 647332

Location Exception Orders: 649129

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3790

Ground Elevation: 881

Surface Casing: 90

Depth to base of Treatable Water-Bearing FM: 40

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 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 23667 DVORAK 1-18

Category	Description
HYDRAULIC FRACTURING	9/14/2016 - 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 HTTP://FRACFOCUS.ORG/ 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 - 649129	9/15/2016 - G75 - 18-21N-5E X647332 OSWG, PRUE, SKNR, RDFK, MSSP, WDFD, SMPSD, WLCX 1650' FSL, 330' FEL TARKA ENERGY, LLC 1-27-2016
SPACING - 647332	9/15/2016 - G75 - (640) 18-21N-5E VAC 207972 PRUE, SKNRL, RDFK, MSSSD, WLCX1, WLCX2 EST OSWG, PRUE, SKNR, RDFK, MSSP, WDFD, SMPSD, WLCX

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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.