

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

API NUMBER: 117 23435 C

Approval Date: 05/11/2016

Expiration Date: 11/11/2016

Horizontal Hole Injection

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 29 Twp: 20N Rge: 6E

County: PAWNEE

SPOT LOCATION: ☐ NW ☐ NE ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1000 2140

Lease Name: BARBARA

Well No: 1-29H

Well will be 500 feet from nearest unit or lease boundary.

Operator Name: TARKA ENERGY LLC

Telephone: 5804709230; 5804709

OTC/OCC Number: 23529 0

TARKA ENERGY LLC
PO BOX 190
DUNCAN, OK 73534-0190

KARP FAMILY LIVING TRUST
2128 SUTTON PLACE
PLANO TX 75093

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

	Name	Depth	Name	Depth
1	PRUE	2887	6	
2	MISSISSIPPI LIME	3471	7	
3	WOODFORD	3614	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7060

Ground Elevation: 900

Surface Casing: 593 IP

Depth to base of Treatable Water-Bearing FM: 540

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

HORIZONTAL HOLE 1

Sec 29 Twp 20N Rge 6E County PAWNEE

Spot Location of End Point: SW NW NE NE

Feet From: NORTH 1/4 Section Line: 381

Feet From: EAST 1/4 Section Line: 1014

Depth of Deviation: 2800

Radius of Turn: 573

Direction: 352

Total Length: 3941

Measured Total Depth: 7060

True Vertical Depth: 3614

End Point Location from Lease,

Unit, or Property Line: 381

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.

Notes:

Category	Description
HYDRAULIC FRACTURING	5/9/2016 - G71 - 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.
SPACING	5/10/2016 - G75 - NA-INJECTION WELL
SURFACE LOCATION	5/10/2016 - G75 - 1000' FSL, 2140' FWL SE4 29-20N-6E PER 1002A;

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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.

117 23435 BARBARA 1-29H