

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

Approval Date: 10/13/2014  
Expiration Date: 04/13/2015

API NUMBER: 083 24338

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 16N Rge: 2W County: LOGAN  
SPOT LOCATION: C NE NW NE FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2310 990

Lease Name: HOGAN Well No: 1-17 Well will be 330 feet from nearest unit or lease boundary.

Operator Name: TBK ENERGY COMPANY Telephone: 4054203325 OTC/OCC Number: 19409 0

TBK ENERGY COMPANY  
PO BOX 310590  
NEW BRAUNFELS, TX 78131-0590

TERRAL J HOGAN  
4451 E. PRAIRIE GROVE RD.  
GUTHRIE OK 73044

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

Name	Depth	Name	Depth
1 CHECKERBOARD	4660	6 VIOLA	5620
2 CLEVELAND	4680	7 2ND WILCOX	5800
3 OSWEGO	5110	8	
4 WOODFORD	5325	9	
5 HUNTON	5420	10	

Spacing Orders: 285296 Location Exception Orders: Increased Density Orders:  
Pending CD Numbers: Special Orders:

Total Depth: 6000 Ground Elevation: 931 Surface Casing: 390 Depth to base of Treatable Water-Bearing FM: 340

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

Approved Method for disposal of Drilling Fluids:

E. Haul to Commercial pit facility: Sec. 15 Twn. 24N Rng. 7W Only. 47 Order No: 623842

H. CLOSED SYSTEM=STEEL PITS FOR OPERATOR REQUEST

**Cancelled per Operator request (Mike Butler) SPV 3-24-2015**

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.

083 24338 HOGAN 1-17

Category	Description
FRAC FOCUS	10/13/2014 - G91 - 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 <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING - 285296	10/13/2014 - G91 - (40) 17-16N-2W AMD 284681 EXT 136619 CCKB, OSWG, HNTN, VIOL, WLCX2, OTHERS EXT 260454 CLVD EXT 230228 WDFD, OTHERS

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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.