

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

API NUMBER: 125 23825

Approval Date: 10/07/2013  
Expiration Date: 04/07/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 8N Rge: 2E County: POTTAWATOMIE  
SPOT LOCATION:  SW  NE  SE  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 921 2237

Lease Name: HARRIS Well No: 1-23 Well will be 403 feet from nearest unit or lease boundary.

Operator Name: TBK ENERGY COMPANY Telephone: 4054203325; 4054203 OTC/OCC Number: 19409 0

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

KAY HARRIS  
11629 CEDAR VALLEY TERRACE  
OKC OK 73170

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

	Name	Depth	Name	Depth
1	WOODFORD	4930	6	
2	HUNTON	4962	7	
3	VIOLA	5388	8	
4	SIMPSON DOLOMITE	5488	9	
5	2ND WILCOX	5644	10	

Spacing Orders: 149193

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5800

Ground Elevation: 973

**Surface Casing: 260**

Depth to base of Treatable Water-Bearing FM: 210

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: 8000 Average: 5000

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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.

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Category

Description

SPACING - 149193

10/7/2013 - G30 - (40) 23-8N-2E  
DEL 123442  
EXT 25527 WDFD, HNTN, VIOL, SMPD, WLCX2, (W2 & SE4)

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