

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

API NUMBER: 129 23875

Approval Date: 09/24/2013  
Expiration Date: 03/24/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 17N Rge: 25W County: ROGER MILLS  
SPOT LOCATION:  SE  NW  NW  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 410 414

Lease Name: BEAVIN 24-17-25 Well No: 2H Well will be 410 feet from nearest unit or lease boundary.  
Operator Name: APACHE CORPORATION Telephone: 9184914900 OTC/OCC Number: 6778 0

APACHE CORPORATION  
6120 S YALE AVE STE 1500  
TULSA, OK 74136-4224

E. MARGUERITE BAKER  
8294 N. 1730 ROAD  
DURHAM OK 73642

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

Name	Depth	Name	Depth
1 TONKAWA	7866	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 597345

Location Exception Orders: 615986

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13000

Ground Elevation: 2164

**Surface Casing: 700**

Depth to base of Treatable Water-Bearing FM: 450

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: 90000 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

H. SEE MEMO

PERMIT NO: 13-24367

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.

PIT 2 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: OIL BASED
Chlorides Max: 300000 Average: 200000
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: 3
Liner required for Category: 3
Pit Location is AP/TE DEPOSIT
Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 24 Twp 17N Rge 25W County ROGER MILLS
Spot Location of End Point: SE SW SW SW
Feet From: SOUTH 1/4 Section Line: 250
Feet From: WEST 1/4 Section Line: 600
Depth of Deviation: 7499
Radius of Turn: 573
Direction: 178
Total Length: 4568
Measured Total Depth: 13000
True Vertical Depth: 8023
End Point Location from Lease,
Unit, or Property Line: 250

Notes:

Table with 2 columns: Category, Description. Includes entries for LOCATION EXCEPTION - 615986, MEMO, and SPACING - 597345.

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