

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

API NUMBER: 129 23868 A

Approval Date: 09/05/2013
Expiration Date: 03/05/2014

Horizontal Hole Oil & Gas

Amend reason: AMEND TD

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 16N Rge: 23W County: ROGER MILLS
SPOT LOCATION: SE NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 450 600

Lease Name: ROUNDS Well No: 6-33H Well will be 450 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

ROUNDS SURFACE LAND FAMILY LP
159 MOCKINGBIRD LANE
LIVINGSTON TX 77351

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

Name	Depth	Name	Depth
1 TONKAWA	8434	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 219969 Location Exception Orders: 614571 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 13200 Ground Elevation: 2096 Surface Casing: 560 Depth to base of Treatable Water-Bearing FM: 460

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: CLOUD CHIEF

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-24040

H. SEE MEMO

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 BED AQUIFER
Pit Location Formation: CLOUD CHIEF

HORIZONTAL HOLE 1

Sec 33 Twp 16N Rge 23W County ROGER MILLS
Spot Location of End Point: S2 S2 SW SW
Feet From: SOUTH 1/4 Section Line: 200
Feet From: WEST 1/4 Section Line: 660
Depth of Deviation: 7971
Radius of Turn: 573
Direction: 180
Total Length: 4661
Measured Total Depth: 13200
True Vertical Depth: 8477
End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Table with 2 columns: Category, Description. Includes entries for LOCATION EXCEPTION - 614571, MEMO, and SPACING - 219969.

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