

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

API NUMBER: 129 23861 B

Approval Date: 08/12/2013  
Expiration Date: 02/12/2014

Horizontal Hole Oil & Gas

Amend reason: 2ND AMENDMENT - SHL MOVED 11'

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 16N Rge: 23W County: ROGER MILLS  
SPOT LOCATION:  SE  SW  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 250 834

Lease Name: BEALS Well No: 4-26H Well will be 250 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

GARY D. LEDDY & MARIENE A. LEDDY, H&W  
RT 1, BOX 22A  
LEEDEY OK 73654

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

Name	Depth	Name	Depth
1 TONKAWA	8300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 208270

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201304490  
201304489

Special Orders:

Total Depth: 13300

Ground Elevation: 2059

**Surface Casing: 700**

Depth to base of Treatable Water-Bearing FM: 530

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: 13-24057

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 26 Twp 16N Rge 23W County ROGER MILLS
Spot Location of End Point: NW NE NE NE
Feet From: NORTH 1/4 Section Line: 200
Feet From: EAST 1/4 Section Line: 600
Depth of Deviation: 7800
Radius of Turn: 573
Direction: 1
Total Length: 4817
Measured Total Depth: 13300
True Vertical Depth: 8450
End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Table with 2 columns: Category, Description. Contains notes for MEMO, PENDING CD - 201304489, PENDING CD - 201304490, and SPACING - 208270.

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