

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

API NUMBER: 129 23938 A

Approval Date: 04/09/2014
Expiration Date: 10/09/2014

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE CASING DEPTH

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 14N Rge: 24W County: ROGER MILLS
SPOT LOCATION: NW NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 170 1355

Lease Name: FARRELL 22-14-24 Well No: 2H Well will be 170 feet from nearest unit or lease boundary.

Operator Name: APACHE CORPORATION Telephone: 9184914900; 9184914 OTC/OCC Number: 6778 0

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

DENA ROWLAN FKA FARRELL, REMAINDERMAN
1900 SOUTH LL MALES AVENUE
CHEYENNE OK 73628

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

| Name | Depth | Name | Depth |
|------------|-------|------|-------|
| 1 MARMATON | 10596 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 128051 Location Exception Orders: Increased Density Orders:

Pending CD Numbers: 201401786 Special Orders:
201401787

Total Depth: 16300 Ground Elevation: 2127 **Surface Casing: 950** Depth to base of Treatable Water-Bearing FM: 540

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: 200000 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.

Approved Method for disposal of Drilling Fluids:

- A. Evaporation/dewater and backfilling of reserve pit.
- D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26703
- H. SEE MEMO

Category of Pit: 1B

Liner required for Category: 1B

Pit Location is OTHER HSA
Pit Location Formation: DOXEY

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 OTHER HSA
Pit Location Formation: DOXEY

HORIZONTAL HOLE 1

Sec 22 Twp 14N Rge 24W County ROGER MILLS
Spot Location of End Point: C N2 N2 NW
Feet From: NORTH 1/4 Section Line: 330
Feet From: WEST 1/4 Section Line: 1320
Depth of Deviation: 10698
Radius of Turn: 573
Direction: 1
Total Length: 5095
Measured Total Depth: 16300
True Vertical Depth: 11207
End Point Location from Lease,
Unit, or Property Line: 330

Table with 3 columns: Additional Surface Owner, Address, City, State, Zip. Rows include KAREN FARRELL LIFE ESTATE, DANA BARTON FKA FARRELL, REM, and DANNY FARRELL, REMAINDERMAN.

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, MEMO, PENDING CD - 201401786, and PENDING CD - 201401787.

**SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION

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Category

Description

SPACING - 128051

3/26/2014 - G30 - (640) 22-14N-24W
DEL OTHERS
EXT 125353 MRMN, OTHERS

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