

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

API NUMBER: 129 23996

Approval Date: 09/05/2014

Expiration Date: 03/05/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 17N Rge: 25W

County: ROGER MILLS

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 150 635

Lease Name: TWO D RANCH 24-17-25

Well No: 1H

Well will be 150 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

TWO D RANCH, LLC, C/O STEVE DOBSON
13900 N. PORTLAND AVE.

OKLAHOMA CITY OK 73134

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

Name	Depth	Name	Depth
1 MARMATON	9715	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 607316

Location Exception Orders: 625830

Increased Density Orders: 625774

Pending CD Numbers:

Special Orders:

Total Depth: 15000

Ground Elevation: 2097

Surface Casing: 520

Depth to base of Treatable Water-Bearing FM: 470

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 14-27223

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: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

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: W2 NW NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1371

Depth of Deviation: 10015

Radius of Turn: 573

Direction: 10

Total Length: 4085

Measured Total Depth: 15000

True Vertical Depth: 10588

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
INCREASED DENSITY - 625774	9/5/2014 - G91 - 24-17N-25W X 607316 MRMN 1 WELL APACHE CORPORATION 5-21-2014
LOCATION EXCEPTION - 625830	9/5/2014 - G91 - (I.O.) 24-17N-25W X 607316 MRMN SHL NCT 10 FNL NCT 500 FEL COMP INT. NCT 330 FNL, NCT 330 FSL NCT 1000 FEL APACHE CORPORATION 5-22-2014
MEMO	9/5/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 607316	9/5/2014 - G91 - (640) (HOR) 24-17N-25W EST MRMN POE TO BHL NCT 660' FB

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