

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

API NUMBER: 129 24028

Approval Date: 12/04/2014
Expiration Date: 06/04/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 16N Rge: 25W County: ROGER MILLS
SPOT LOCATION: NW NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 200 1840

Lease Name: ROCKY ALLEN 35-17-25 Well No: 1H Well will be 200 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

PATRICIA L. ALLEN REV. TR., J.A. & P.L. ALLEN INDEP.
CO- TTEES.
18344 E. 860 ROAD
CRAWFORD OK 73638

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

Name	Depth	Name	Depth
1 MARMATON	9804	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408227
201408229

Special Orders:

Total Depth: 15200 Ground Elevation: 2282 **Surface Casing: 750** Depth to base of Treatable Water-Bearing FM: 500

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 BED AQUIFER

Pit Location Formation: OGALLALA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-29007
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 BED AQUIFER

Pit Location Formation: OGALLALA

HORIZONTAL HOLE 1

Sec 35 Twp 17N Rge 25W County ROGER MILLS

Spot Location of End Point: C N2 NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 9473

Radius of Turn: 605

Direction: 30

Total Length: 4776

Measured Total Depth: 15200

True Vertical Depth: 9887

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

Notes:

Category

Description

MEMO

12/4/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201408227

12/4/2014 - G91 - (640)(HOR) 35-17N-25W
EST MRMN
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER #134743 OSWG)
REC. 12-2-2014 (MCKEOWN)

PENDING CD - 201408229

12/4/2014 - G91 - (I.O.)
X201408227 MRMN
SHL NCT 200 FNL, NCT 1840 FEL 3-16N-25W
1ST PERF NCT 300 FSL, NCT 560 FWL 35-17N-25W
LAST PERF NCT 300 FNL, NCT 560 FWL 35-17N-25W
NO OP. NAMED
REC. 12-2-2014 (MCKEOWN)

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129-24028

