

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

API NUMBER: 129 23877

Approval Date: 10/04/2013
Expiration Date: 04/04/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 15N Rge: 25W County: ROGER MILLS
SPOT LOCATION: NW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 500 530

Lease Name: RONALD Well No: 1-36H Well will be 500 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

W&S TURLEY, LTD. & SHIRLEY TURLEY GST EXEMPT
TRUST OF ROGER MILLS CTY AKA TURLEY RANCH
8468 N. 1750 ROAD
DURHAM OK 73642

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

Name	Depth	Name	Depth
1 MARMATON	11065	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 218851

Location Exception Orders: 614565

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16200

Ground Elevation: 2059

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

Type of Pit System: CLOSED Closed System Means Steel Pits

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.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 12-24456

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 36 Twp 15N Rge 25W County ROGER MILLS

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 250

Feet From: EAST 1/4 Section Line: 550

Depth of Deviation: 7760

Radius of Turn: 573

Direction: 2

Total Length: 4497

Measured Total Depth: 16200

True Vertical Depth: 11065

End Point Location from Lease,
Unit, or Property Line: 250

Notes:

Category

Description

LOCATION EXCEPTION - 614565

10/4/2013 - G30 - (I.O.) 36-15N-25W
X218851 MRMN
SHL NCT 100 FSL, NCT 100 FEL
1ST PERF NCT 330 FSL, NCT 500 FEL
LAST PERF NCT 330 FNL, NCT 500 FEL
APACHE CORPORATION
8/6/13

MEMO

10/2/2013 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS REQUIRED - WASHITA RIVER, PIT
2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 218851

10/4/2013 - G30 - (640) 36-15N-25W
EXT 146905 MRMN, OTHERS