

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

API NUMBER: 129 23933

Approval Date: 03/27/2014
Expiration Date: 09/27/2014

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: 500 550

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

W&S TURLEY LTD PARTNERSHIP
8468 N 1750 RD
DURHAM OK 73642

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

Name	Depth	Name	Depth
1 MARMATON	10344	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400100
201400098

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:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-24516
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 01 Twp 14N Rge 25W County ROGER MILLS

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 250

Feet From: EAST 1/4 Section Line: 550

Depth of Deviation: 10506

Radius of Turn: 573

Direction: 180

Total Length: 5420

Measured Total Depth: 16200

True Vertical Depth: 11112

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

Notes:

Category

Description

MEMO

3/21/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER),
PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201400098

3/21/2014 - G30 - (600 HOR) N2 & SE4 & N2 SW4 & SE4 SW4 1-14N-25W
EST MRMN, OTHER
POE TO BHL NCT 660' FB
(SUPERSEDE SP. 146905 MRMN)
REC 3/25/14 (MCKEOWN)

PENDING CD - 201400100

3/21/2014 - G30 - N2 & SE4 & N2 SW4 & SE4 SW4 1-14N-25W
X201400098 MRMN
SHL NCT 100 FSL, NCT 100 FEL 36-15N-25W
1ST PERF NCT 330 FNL, NCT 500 FEL 1-14N-25W
LAST PERF NCT 330 FSL, NCT 500 FEL 1-14N-25W
NO OP. NAMED
REC 3/25/14 (JOHNSON)

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Office of the Conservation Division as to when Surface Casing will be run.