

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

API NUMBER: 129 23881

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 14N Rge: 24W County: ROGER MILLS
SPOT LOCATION: N2 N2 NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 250 1980

Lease Name: RON 6-14-24 Well No: 1H Well will be 250 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., A LIMITED PARTNERSHIP, AND
SHIRLEY TURLEY GST EXEMPT TRUST, OF ROGER
MILLS COUNTY
8468 N. 1750 ROAD
A/K/A TURLEY RANCH
DURHAM OK 73642

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

Name	Depth	Name	Depth
1 MARMATON	10403	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 146905
112842

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201305410
201305409

Special Orders:

Total Depth: 15900

Ground Elevation: 2089

Surface Casing: 540

Depth to base of Treatable Water-Bearing FM: 490

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 BED AQUIFER

Pit Location Formation: CLOUD CHIEF

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 13-24478

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: CLOUD CHIEF

HORIZONTAL HOLE 1

Sec 06 Twp 14N Rge 24W County ROGER MILLS

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 250

Feet From: WEST 1/4 Section Line: 600

Depth of Deviation: 10532

Radius of Turn: 573

Direction: 197

Total Length: 4641

Measured Total Depth: 15900

True Vertical Depth: 11164

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

Notes:

Category

Description

MEMO

10/7/2013 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS REQUIRED - WASHITA RIVER, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201305409

10/7/2013 - G30 - 6-14N-24W
X146905** MRMN
SHL NCT 100 FNL, NCT 500 FWL
1ST PERF NCT 330 FNL, NCT 500 FWL
LAST PERF NCT 330 FSL, NCT 500 FWL
NO OP. NAMED
HEARING 9/17/13 (DECKER)

**S/B 112842, TO BE CORRECTED IN FINAL ORDER PER ATTORNEY FOR OPERATOR

PENDING CD - 201305410

10/7/2013 - G30 - 6-14N-24W
X146905** MRMN
1 WELL
NO OP. NAMED
HEARING 9/17/13 (DECKER)

**S/B 112842, TO BE CORRECTED IN FINAL ORDER PER ATTORNEY FOR OPERATOR

SPACING - 112842

10/7/2013 - G30 - (640) 6-14N-24W
EST MRMN, OTHERS

WATERSHED STRUCTURE

10/7/2013 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 497-3413 PRIOR TO DRILLING

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.