

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

API NUMBER: 129 23893

Approval Date: 11/20/2013
Expiration Date: 05/20/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 17N Rge: 25W County: ROGER MILLS
SPOT LOCATION: NW NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 300 2075

Lease Name: ALLEN 26-17-25 Well No: 1H Well will be 300 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

JACKIE A. ALLEN
18344 EAST 860 ROAD
CRAWFORD OK 73638

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

Name	Depth	Name	Depth
1 TONKAWA	7993	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 572421

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201306412
201306413

Special Orders:

Total Depth: 13500 Ground Elevation: 2149 **Surface Casing: 450** Depth to base of Treatable Water-Bearing FM: 400

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 1B

Liner required for Category: 1B

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: 13-24780

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: ON SITE
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: 3
Liner required for Category: 3
Pit Location is BED AQUIFER
Pit Location Formation: CLOUD CHIEF

HORIZONTAL HOLE 1

Sec 26 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: 7442
Radius of Turn: 573
Direction: 346
Total Length: 5158
Measured Total Depth: 13500
True Vertical Depth: 8002
End Point Location from Lease,
Unit, or Property Line: 330

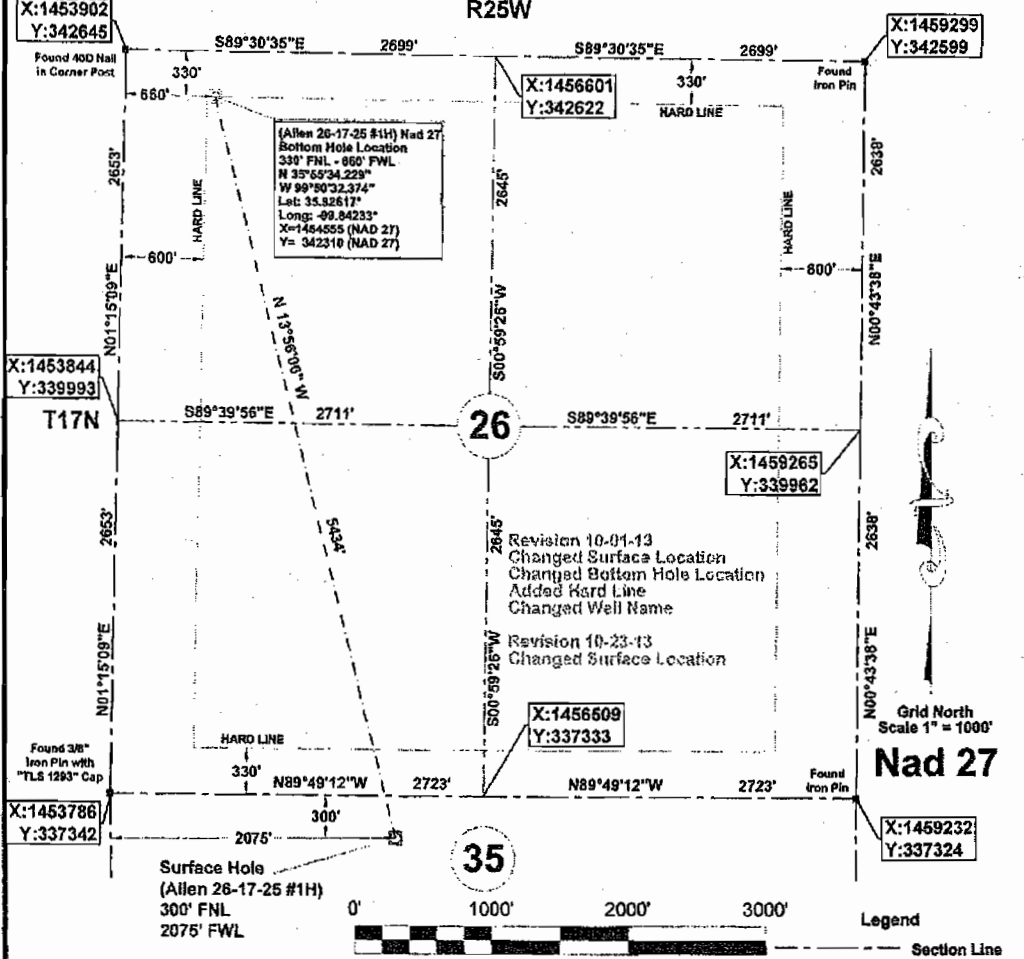
Notes:

Table with 2 columns: Category, Description. Contains notes for MEMO, PENDING CD - 201306412, PENDING CD - 201306413, and SPACING - 572421.

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.

API 129-23893

Roger Mills County, Oklahoma.
 BHL 330' FNL - 600' FWL, Section 26, T 17 N, R 25 W.I.M.
 R25W



BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.
 CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

OPERATOR: Apache Corporation WELL NO.: 1H ELEVATION: 2149' Gr. at stake

LEASE NAME: Allen 26-17-25

TOPOGRAPHY & VEGETATION: Level to slope grass pasture.

GOOD DRILL SITE: Yes REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET: None

BEST ACCESSIBILITY TO LOCATION: From the south
 DISTANCE & DIRECTION
 FROM HWY JCT OR TOWN: Beginning at the Town of Crawford, Oklahoma, west on CR E0820 1.0 mi. to CR N1780, north on said CR N1780 7.5 mi. to lease rd, west onto lease road bearing west southwest, west southwest on said lease road 1.4 mi., south 260 feet to location stake.

REVISION: October 23, 2013 DATE OF DRAWING: July 01, 2013
 INVOICE #: 18322 DATE STAKED: June 20, 2013

STAKED SURFACE HOLE We do hereby certify that this survey was done in accordance to records, maps and other information as provided to us by the client herein named and that great care was taken in the actual staking of this well and the determination of any obstacles thereupon. However, the accuracy of this survey is not guaranteed and if there appears to be any discrepancy, please notify us immediately.

DATUM: NAD 27
 N: 35°54'42.319"
 W: 99°50'15.251"
 LAT: 35.91176°
 LONG: -99.83757°
 STATE PLANE COORDINATES: (US FEET)
 ZONE: OK NORTH
 X: 1456864
 Y: 337035

Survey is valid only if print has original seal and signature of surveyor present

10-24-13
[Signature]

48 HOURS BEFORE YOU DIG...
 CALL ONE
 1-800-622-6543

THE NATIONAL UNDERGROUND UTILITY MARKING SYSTEM
 Buried utilities are not necessarily shown. It is the contractor's responsibility to locate and preserve all utility services.
 Contractor is responsible for contacting all utility companies prior to construction.

<p>JVIDENS LAND SURVEY CO., INC. 1210 19TH STREET / P.O. BOX 943 WOODWARD, OKLAHOMA 73802 Phone 580-256-7174 - Fax 580-256-3424 roger@jvidenslandsurvey.com mike@jvidenslandsurvey.com</p>	Survey For: Apache Corporation 6120 South Yale Avenue, Ste. 1500 Tulsa, Oklahoma 74136	JOB 352-13	DATE OF PLAT 07-01-2013	SCALE 1"=1000'	SHEET 1 OF 4
	DRAWN BY R.D.J.	OKLA. CA #2064, EXP. 06/30/2015 KANSAS CA #143, EXP. 12/31/2014			