

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

API NUMBER: 129 24010

Approval Date: 09/29/2014

Expiration Date: 03/29/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 16N Rge: 24W

County: ROGER MILLS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 250 1980

Lease Name: BARBER FAMILY TRUST 9-16-24

Well No: 1H

Well will be 250 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

BARBER FAMILY TRUST
8074 NORTH 1820 ROAD
C/O WAYNE & SHIRLEY BARBER
CRAWFORD OK 73638

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

Name	Depth	Name	Depth
1 MARMATON	9737	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 627923

Location Exception Orders: 630648

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12500

Ground Elevation: 2018

Surface Casing: 430

Depth to base of Treatable Water-Bearing FM: 380

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: 8000 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: 14-28474

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 09 Twp 16N Rge 24W County ROGER MILLS

Spot Location of End Point: NW NW NE NE

Feet From: NORTH 1/4 Section Line: 300

Feet From: EAST 1/4 Section Line: 1250

Depth of Deviation: 7674

Radius of Turn: 573

Direction: 27

Total Length: 3852

Measured Total Depth: 12500

True Vertical Depth: 9737

End Point Location from Lease,
Unit, or Property Line: 300

Notes:

Category

Description

LOCATION EXCEPTION - 630648

9/26/2014 - G72 - 09-16N-24W (I.O.)
X 627923 MRMN;
**SHL NCT 250 FSL NCE 2005 FEL;
COMP INT. NCT 300 FSL NCT 300 FNL NCT 1000 FEL;
APACHE CORPORATION;
9/16/2014
**SHL TO BE CORRECTED AT THE FINAL HEARING S/B 1980 FEL.

MEMO

9/23/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER),
PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 627923

9/26/2014 - G72 - (640 HORZ) 09-16N-24W
EST MRMN
POE TO BHL NLT 660' FB

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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.

129 24010 BARBER FAMILY TRUST 9-16-24
1H

Apache

WELL LOCATION PLAT

S.H.L. Sec.9-16N-24W I.M.

129-24010

Operator: APACHE CORPORATION

Lease Name and No. : BARBER FAMILY TRUST 9-16-24 1H

Footage : 250' FSL - 1980' FEL PAD ELEVATION : 2018' (NAVD 88) Good Site? YES

Section: 9 Township: 16N Range: 24W I.M.

County : Roger Mills State of Oklahoma

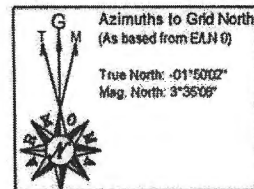
Alternate Loc. : N/A

Terrain at Loc. : Location fell on existing pad.

Accessibility : From the West.

Directions : From Roll, OK. at the intersection of Highway 283 and Highway 47, Go North on Hwy 283 approx. 6.0 mile to Unnamed Lease Road on West side of Hwy, Follow Unnamed Lease Road Northwest for approx. 1 mile.

Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



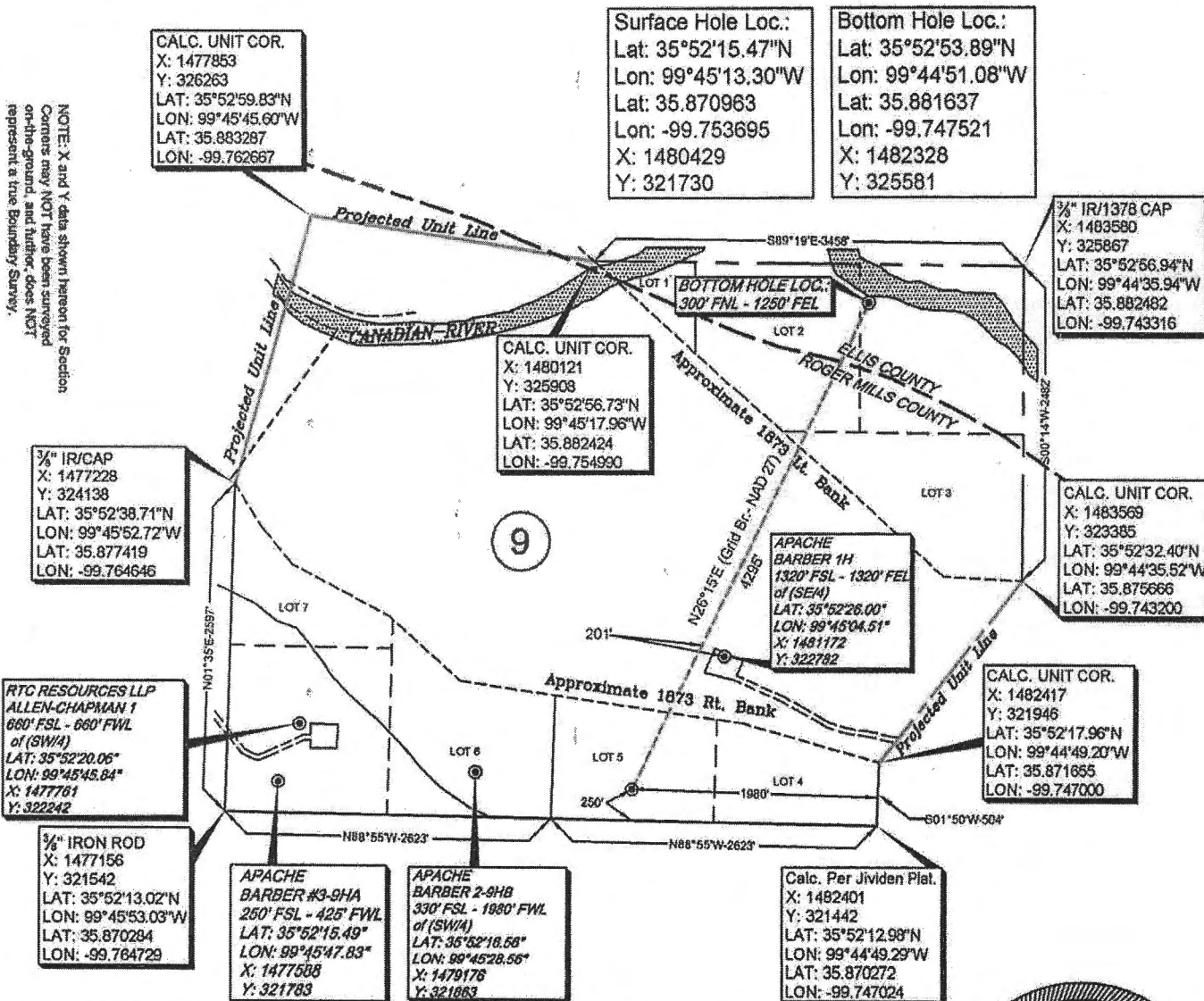
1"=1320'

GPS DATUM

NAD - 27

OK NORTH ZONE

BASIS OF BEARING:
GRID NORTH - NAD 27
STATE PLANE - OK NORTH ZONE



Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

survey and plat by,

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2014

Invoice #4427-B

Date Staked : 03/26/14

By: R.L.

Date Drawn : 04/01/14

By: E.D.

Rev. Date : 04/21/14

By: R.S.

Rev. Date : 04/23/14

By: R.M.

Rev. Date : 09/11/14

By: E.D.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Stan Drannon 9/11/14
STAN DRANNON OK LPLS 1672

