

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

API NUMBER: 009 21910

Approval Date: 12/03/2013

Expiration Date: 06/03/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 12N Rge: 22W

County: BECKHAM

SPOT LOCATION: ☐ SW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 2345

Lease Name: FARRIS

Well No: 1-36H

Well will be 200 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

J.C. FARRIS TRUST C/O JAMES FARRIS, TRUSTEE
36 INDEPENDENCE DRIVE
ELK CITY OK 73644

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

Name	Depth	Name	Depth
1 DES MOINES	12875	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 138431

Location Exception Orders: 613927

Increased Density Orders: 613865

Pending CD Numbers: 201307856

Special Orders:

Total Depth: 17900

Ground Elevation: 2161

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 610

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: 25000 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 13-24098

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 36 Twp 12N Rge 22W County BECKHAM

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 2345

Depth of Deviation: 12535

Radius of Turn: 580

Direction: 360

Total Length: 4454

Measured Total Depth: 17900

True Vertical Depth: 12964

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category

Description

DEEP SURFACE CASING

11/15/2013 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

INCREASED DENSITY - 613865

11/15/2013 - G75 - 36-12N-22W
X138431 DSMN
1 WELL
APACHE CORP.
7-16-2013

LOCATION EXCEPTION - 613927

11/15/2013 - G75 - (I.O.) 36-12N-22W
X138431 DSMN
SHL NCT 50 FSL, NCT 1320 FEL
FIRST PERF NCT 300 FSL, NCT 1320 FEL
LAST PERF NCT 300 FNL, NCT 1320 FEL
APACHE CORP.
7-17-2013

MEMO

11/15/2013 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201307856

11/27/2013 - G75 - (E.O.) 36-12N-22W
VAC 126454 CHRK
REC 12-2-2013 (JOHNSON)

SPACING - 138431

11/15/2013 - G75 - (640) 36-12N-22W
EXT 131148 DSMN, OTHERS

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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.

009 21910 FARRIS 1-36H

Category

Description

WATERSHED STRUCTURE

11/15/2013 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 928-9950 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.

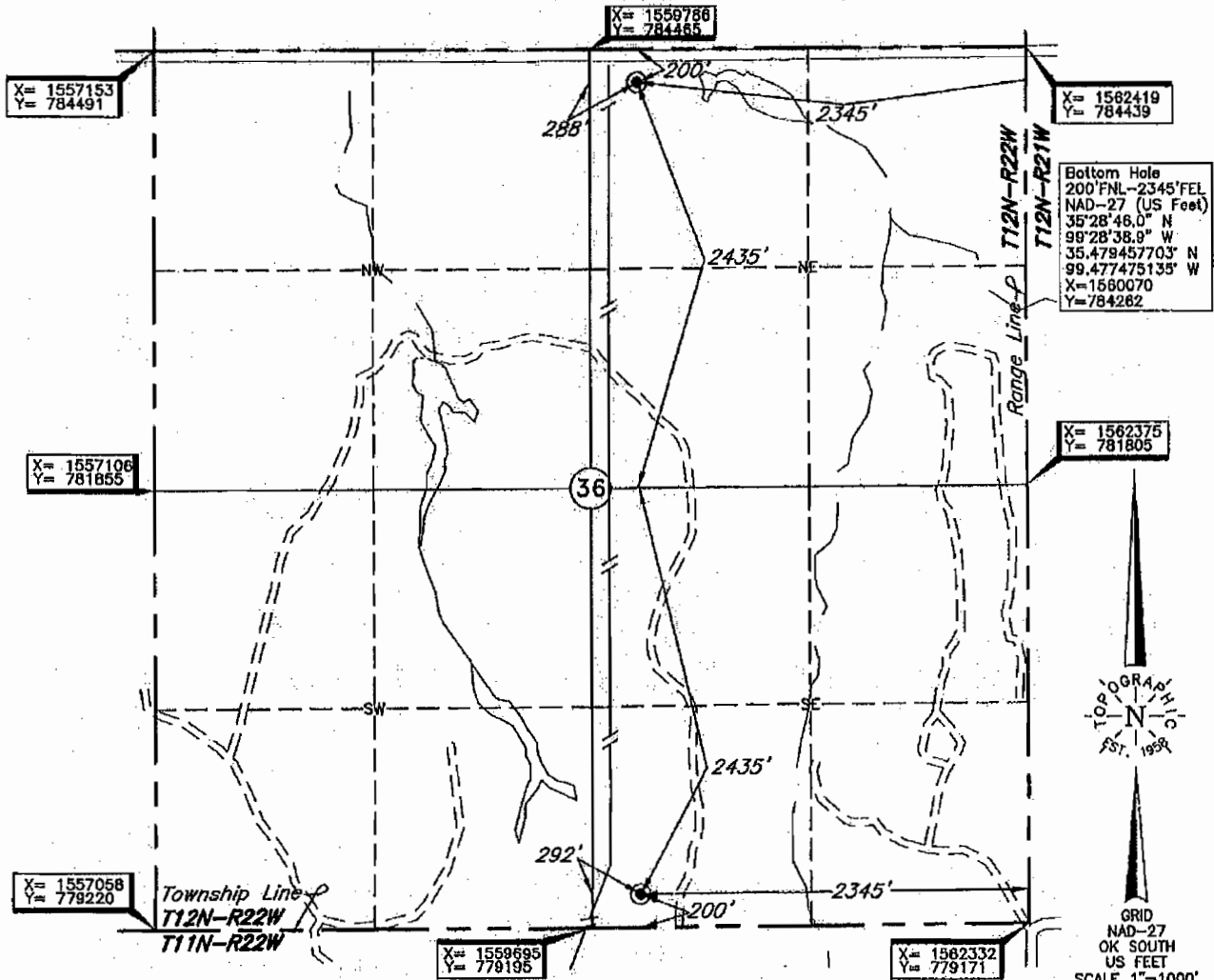
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

API 009-21910

BECKHAM

County, Oklahoma

200'FSL - 2345'FEL Section 36 Township 12N Range 22W I.M.



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

Operator: APACHE CORPORATION

Lease Name: FARRIS

Well No.: 1-36H

ELEVATION:

2161' Gr. at Stake

Topography & Vegetation Loc. fell in brushy pasture, ±235' West to NNG pipeline, ±205' South to E-S fence

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off lease road

Distance & Direction
from Hwy Jct or Town From Jct. 1-40 Bus and St. Hwy. 34, on East side of Elk City, OK,

go ±3.0 mi. North on St. Hwy. 34, then ±5.5 miles West to the SE Cor. of Sec. 36-T12N-R22W

Revision ☒ B

Date of Drawing: Jun. 12, 2013

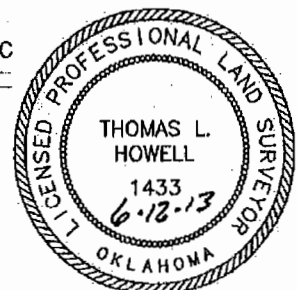
Invoice # 202068 Date Staked: Jun. 03, 2013

AC

CERTIFICATE:

I, Thomas L. Howell a Oklahoma Licensed Land
Surveyor and an authorized agent of Topographic Land
Surveyors of Oklahoma, do hereby certify that the above
described well location was surveyed and staked on the
ground as shown herein.

Thomas L. Howell
Oklahoma Lic. No. 1433



This information was
gathered with a GPS receiver
with ±1.0 accuracy.

DATUM: NAD-27
LAT: 35°27'57.9\"N
LONG: 99°28'39.0\"W
LAT: 35.466078000° N
LONG: 99.477504070° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 1559991
Y: 779392