

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

API NUMBER: 009 21888

Approval Date: 05/09/2013  
Expiration Date: 11/09/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 12N Rge: 22W County: BECKHAM  
SPOT LOCATION:  SE  SW  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 200 635

Lease Name: SIMMONS Well No: 4-29H 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

SIMMONS FAMILY TRUST & GLADYS SIMMONS LIVING TRUST  
1408 W. AVE. D.  
ELK CITY OK 73644

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

Name	Depth	Name	Depth
1 HOXBAR	10368	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 138431

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201302175

Special Orders:

Total Depth: 15500

Ground Elevation: 2016

**Surface Casing: 310**

Depth to base of Treatable Water-Bearing FM: 210

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 OTHER HSA

Pit Location Formation: DOXEY

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

H. SEE MEMO

PERMIT NO: 12-21964

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 OTHER HSA
Pit Location Formation: DOXEY

HORIZONTAL HOLE 1

Sec 29 Twp 12N Rge 22W County BECKHAM
Spot Location of End Point: NW NE NW NW
Feet From: NORTH 1/4 Section Line: 200
Feet From: WEST 1/4 Section Line: 880
Depth of Deviation: 9890
Radius of Turn: 573
Direction: 4
Total Length: 4710
Measured Total Depth: 15500
True Vertical Depth: 10368
End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Table with 2 columns: Category, Description. Contains notes for MEMO, PENDING CD - 201302175, and SPACING - 138431.

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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.

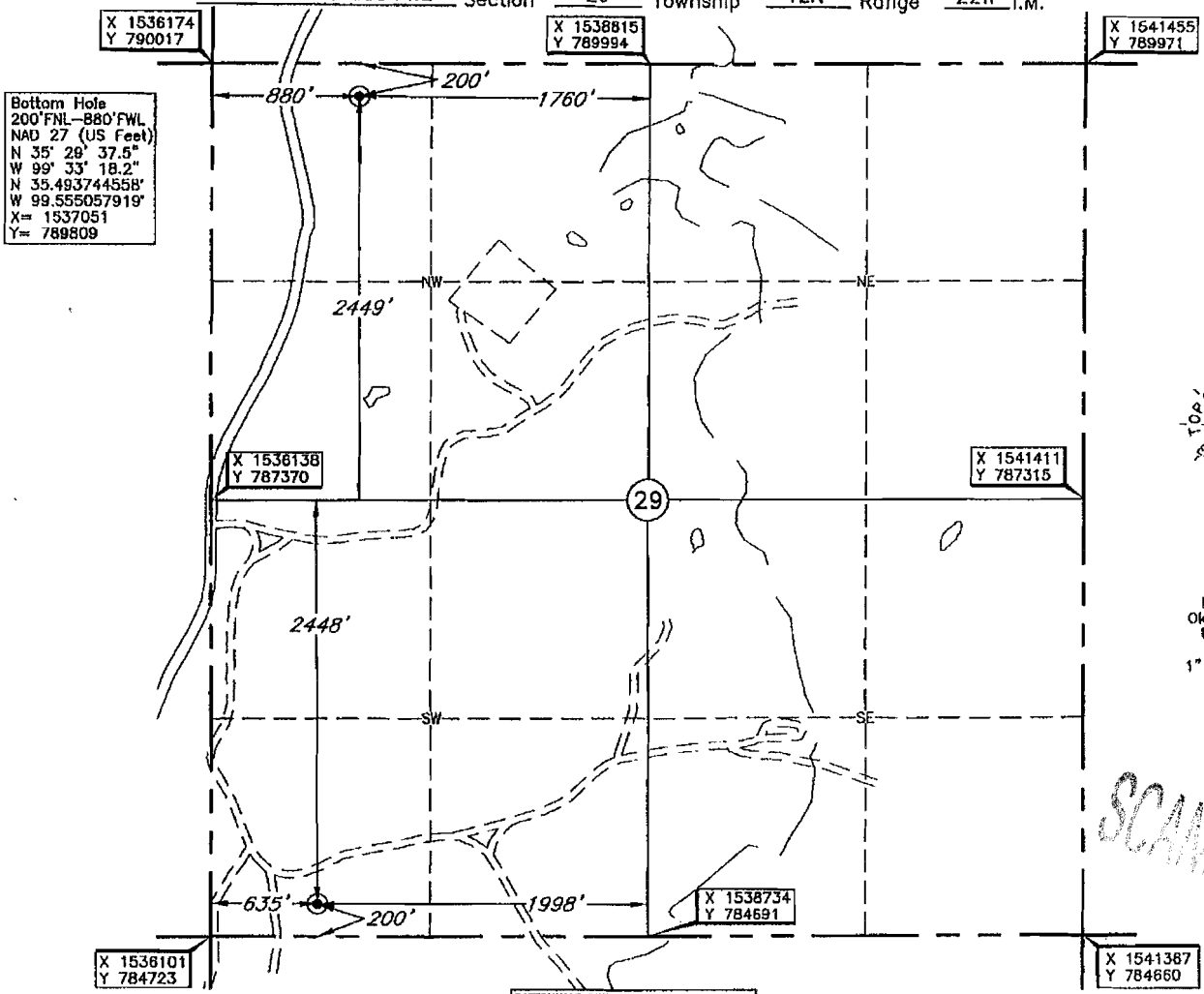
**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**  
 6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293.

API  
009-21888

BECKHAM

County, Oklahoma

200'FSL-635'FWL Section 29 Township 12N Range 22W I.M.



BOTTOMHOLE INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED. BEARING AND/OR DISTANCE TO BOTTOMHOLE POINTS ARE CALCULATED. CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

Operator: APACHE CORPORATION  
 Lease Name: SIMMONS Well No.: 4-29 **ELEVATION:** 2016' Gr. at Stake

Topography & Vegetation Loc. fell in rough pasture.

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From lease road North of location,  
 Distance & Direction From Jct. of St. Hwy. 6 & U.S. Hwy. 283, go ±4.5 mi. East on  
St. Hwy. 6, then ±4.3 mi. North, then ±1.4 mi. NE to the W/4 Corner of Section 29, T12N-R22W.

Date of Drawing: Apr. 23, 2013  
 Invoice # 200140 Date Staked: Apr. 18, 2013 AD

This information was gathered with a GPS receiver with ±1.0 accuracy.  
 DATUM: NAD-27  
 LAT: 35°28'49.0"N  
 LONG: 99°33'21.1"W  
 LAT: 35.480288961° N  
 LONG: 99.555855045° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK SOUTH  
 X: 1536739  
 Y: 784915

**CERTIFICATE:**  
 I, Lee K. Goss 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.  
Lee K. Goss  
 Oklahoma Lic. No. 1778

