

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

API NUMBER: 009 21873

Approval Date: 12/12/2012  
Expiration Date: 06/12/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 12N Rge: 22W County: BECKHAM  
SPOT LOCATION:  NE  SW  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 515 875

Lease Name: SIMMONS Well No: 3-30H Well will be 515 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 & J.R. SIMMONS LIVING TRUST  
1408 W AVENUE DRIVE  
ELK CITY OK 73644

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

Name	Depth	Name	Depth
1 HOXBAR	10365	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 138431

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201207434

Special Orders:

Total Depth: 15500

Ground Elevation: 2114

**Surface Casing: 330**

Depth to base of Treatable Water-Bearing FM: 280

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: 12-21958

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 30 Twp 12N Rge 22W County BECKHAM

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 880

Depth of Deviation: 6600

Radius of Turn: 573

Direction: 1

Total Length: 4578

Measured Total Depth: 15500

True Vertical Depth: 10400

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

Notes:

Category

Description

MEMO

11/29/2012 - G71 - PITS 1 & 2 - CONCRETE LINED PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201207434

11/30/2012 - G30 - 30-12N-22W
X138431 HXBR
SHL NCT 200 FSL, NCT 500 FEL
1ST PERF NCT 300 FSL, NCT 500 FEL
LAST PERF NCT 300 FNL, NCT 500 FEL
NO OP. NAMED
REC 12/11/12 (MCKEOWN)

SPACING - 138431

11/30/2012 - G30 - (640) 30-12N-22W
EXT 131148 HXBR, OTHERS