

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

API NUMBER: 007 25630 A

Approval Date: 08/15/2013
Expiration Date: 02/15/2014

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL & BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 1N Rge: 20ECM County: BEAVER

SPOT LOCATION: S2 N2 NW NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 350 660

Lease Name: ANDERSON

Well No: 2HX 27-34

Well will be 350 feet from nearest unit or lease boundary.

Operator Name: CHAPARRAL ENERGY LLC

Telephone: 4054264481

OTC/OCC Number: 16896 0

CHAPARRAL ENERGY LLC
701 CEDAR LAKE BLVD
OKLAHOMA CITY, OK 73114-7800

LINDA KIMREY
1320 PIGEON VIEW DRIVE
ROUND ROCK TX 78665

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

Name	Depth	Name	Depth
1 MARMATON	6199	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 610658

Location Exception Orders: 614124

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 17000

Ground Elevation: 2900

Surface Casing: 2000

Depth to base of Treatable Water-Bearing FM: 390

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: 50000 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: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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.

HORIZONTAL HOLE 1

Sec 27 Twp 1N Rge 20E County BEAVER

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 550

Depth of Deviation: 6210

Radius of Turn: 715

Direction: 180

Total Length: 4936

Measured Total Depth: 11600

True Vertical Depth: 6925

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

Category	Description
DEEP SURFACE CASING	8/15/2013 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
LOCATION EXCEPTION - 614124	8/15/2013 - G30 - (E.O.) W2 27 & W2 34-1N-20ECM X610658 MRMN, OTHERS COMP. INT. NCT 165 FNL/FSL, NCT 500 FWL OF W2 27 & W2 34-1N-20ECM CHAPARRAL ENERGY, L.L.C. 7/23/13
SPACING - 610658	8/15/2013 - G30 - (640 HOR)(IRR) W2 27 & W2 34-1N-20ECM EXT 607552 MRMN, OTHERS POE TO BHL NCT 660' FB

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