

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

API NUMBER: 093 24983

Approval Date: 02/12/2014

Expiration Date: 08/12/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 22N Rge: 9W

County: MAJOR

SPOT LOCATION: S2 S2 S2 SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 250 1320

Lease Name: JANTZ

Well No: 1H-8

Well will be 250 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

ARNOLD C. EWY & MELVA
1012 S. POPLAR
NEWTON KS 67114

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	6950	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201307864
201307865

Special Orders:

Total Depth: 12000

Ground Elevation: 1365

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 420

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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 08 Twp 22N Rge 9W County MAJOR

Spot Location of End Point: S2 S2 S2 SE

Feet From: SOUTH 1/4 Section Line: 15

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 6900

Radius of Turn: 715

Direction: 180

Total Length: 4946

Measured Total Depth: 12000

True Vertical Depth: 7100

End Point Location from Lease,

Unit, or Property Line: 15

Additional Surface Owner	Address	City, State, Zip
CAROL JUNE OGAN	1012 S POPLAR	NEWTON, KS 67114

Notes:

Category	Description
DEEP SURFACE HOLE	2/12/2014 - 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
PENDING CD - 201307864	2/12/2014 - G30 - (640 HOR) 8-22N-9W DEL 58067 MSSLM EST MSSCT, MSSLM REC 2/7/14 (STUCK)
PENDING CD - 201307865	2/12/2014 - G30 - 8-22N-9W X201307864 MSSCT, MSSLM COMP. INT. NCT 165 FNL/FSL, NCT 1020 FEL NO OP. NAMED REC 2/7/14 (STUCK)

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093 24983 JANTZ 1H-8

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