

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

API NUMBER: 129 23939

Approval Date: 04/15/2014  
Expiration Date: 10/15/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 13N Rge: 25W County: ROGER MILLS  
SPOT LOCATION:  NW  NW  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 200 1090

Lease Name: HARTMAN 35-13-25 Well No: 1H Well will be 200 feet from nearest unit or lease boundary.  
Operator Name: CIMAREX ENERGY CO Telephone: 9185851100 OTC/OCC Number: 21194 0

CIMAREX ENERGY CO  
202 S CHEYENNE AVE STE 1000  
TULSA, OK 74103-3001

DAWN ALLUMS  
25 WEST 137 JANE AVE  
NEIGHBOR VILLE IL 60540

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

Name	Depth	Name	Depth
1 MARMATON GRANITE WASH	12300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 179784  
163376

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402043

Special Orders:

Total Depth: 17310

Ground Elevation: 2315

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 690

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 100000 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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-26875

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 35 Twp 13N Rge 25W County ROGER MILLS

Spot Location of End Point: S2 SW SE SE

Feet From: SOUTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 990

Depth of Deviation: 12750

Radius of Turn: 573

Direction: 180

Total Length: 4232

Measured Total Depth: 17310

True Vertical Depth: 12750

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

Additional Surface Owner	Address	City, State, Zip
SCOTT HARTMAN	18230 N CARIBOU CT	EDMOND, OK 73012
BRUCE HARTMAN	11240 US HIGHWAY 283	SAYRE, OK 73662

Notes:

Category	Description
DEEP SURFACE CASING	4/8/2014 - 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 - 201402043	(E.O.) 4/8/2014 - G30 - 35-13N-25W X179784 MRMGW SHL NCT 200 FNL, NCT 660 FEL 1ST PERF NCT 330 FNL, NCT 660 FEL LAST PERF NCT 330 FSL, NCT 660 FEL NO OP. NAMED REC 4/15/14 (JOHNSON, PER ATTORNEY FOR OPERATOR)
SPACING - 163376	4/8/2014 - G30 - (640) 35-13N-24W EXT 154788 MRMGW, OTHERS
SPACING - 179784	4/8/2014 - G30 - NPT 163376 TO CORRECT LEGAL DESCRIPTION TO 35-13N-25W

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