

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

API NUMBER: 045 23278

Approval Date: 11/15/2012  
Expiration Date: 05/15/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 17N Rge: 24W

County: ELLIS

SPOT LOCATION:  SE  SW  SE  SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 250 1800

Lease Name: MAX

Well No: 11-1H

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC

Telephone: 4052463226; 7136517

OTC/OCC Number: 16231 0

EOG RESOURCES INC  
3817 NW EXPRESSWAY STE 500  
OKLAHOMA CITY, OK 73112-1483

EDDIE M MILLER REV TR & SUSAN E MILLER REV TR  
HCR 63, BOX 47  
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 MARMATON	9500	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201206383  
201206385

Special Orders:

Total Depth: 14156

Ground Elevation: 2354

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 580

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 12-21926  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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 11 Twp 17N Rge 24W County ELLIS

Spot Location of End Point: W2 NE NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 950

Depth of Deviation: 9944

Radius of Turn: 501

Direction: 355

Total Length: 4212

Measured Total Depth: 14156

True Vertical Depth: 9624

End Point Location from Lease,  
Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	11/15/2012 - 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 - 201206383	11/15/2012 - G30 - (640 HOR) 11-17N-24W EXT 201205002 MRMN, OTHERS
PENDING CD - 201206385	11/15/2012 - G30 - 11-17N-24W X201206383 MRMN SHL NCT 250 FSL, NCT 1800 FWL POE NCT 330 FSL, NCT 1800 FWL BHL NCT 330 FNL, NCT 950 FWL NO OP. NAMED REC 10/29/12 (P.PORTER)

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.