

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

API NUMBER: 045 23429

Approval Date: 01/29/2014
Expiration Date: 07/29/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 19N Rge: 24W County: ELLIS
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 250 1320

Lease Name: LELA MAE Well No: 30 #2H 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

VINCENT FAMILY FARMS, LLC
8219 RAINTREE DR NE
ALBUQUERQUE NM 87122

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

Name	Depth	Name	Depth
1 MARMATON	8875	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 593981 Location Exception Orders: 610043 Increased Density Orders: 610042

Pending CD Numbers: Special Orders:

Total Depth: 13731 Ground Elevation: 2359 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 490

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26259
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 30 Twp 19N Rge 24W County ELLIS

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 800

Depth of Deviation: 9305

Radius of Turn: 447

Direction: 355

Total Length: 4426

Measured Total Depth: 13731

True Vertical Depth: 8980

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category	Description
DEEP SURFACE CASING	1/29/2014 - 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
INCREASED DENSITY - 610042	1/29/2014 - G30 - 30-19N-24W X593981 MRMN 1 WELL EOG RESOURCES, INC. 4/5/13
LOCATION EXCEPTION - 610043	1/29/2014 - G30 - (I.O.) 30-19N-24W X593981 MRMN SHL NCT 250 FSL, NCT 1320 FWL POE NCT 660 FSL, NCT 1320 FWL BHL NCT 330 FNL, NCT 800 FWL EOG RESOURCES, INC. 4/5/13
SPACING - 593981	1/29/2014 - G30 - (640 HOR) 30-19N-24W EST MRMN, OTHERS POE TO BHL NCT 660' FB (SUPERCEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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