

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

API NUMBER: 045 23272

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 17N Rge: 24W County: ELLIS
SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 800

Lease Name: FIELDER Well No: 10-1H 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

ED & JANE FIELDER REV TRUST
5300 W 29TH ST, SPT 156
GREELEY CO 80634

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: 602335

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201206097

Special Orders:

Total Depth: 14150

Ground Elevation: 2328

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 550

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: 12-21795

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 10 Twp 17N Rge 24W County ELLIS

Spot Location of End Point: W2 NW NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1150

Depth of Deviation: 9886

Radius of Turn: 446

Direction: 357

Total Length: 4264

Measured Total Depth: 14150

True Vertical Depth: 9576

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

Notes:

Category

Description

DEEP SURFACE CASING

11/5/2012 - 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 - 201206097

11/5/2012 - G30 - 10-17N-24W
X602335 MRMN
SHL NCT 250 FSL, NCT 800 FEL
POE NCT 330 FSL, NCT 800 FEL
BHL NCT 330 FNL, NCT 1150 FEL
NO OP. NAMED
REC 10/22/12 (P.PORTER)

SPACING - 602335

11/5/2012 - G30 - (640 HOR) 10-17N-24W
EXT 593688 MRMN, OTHERS
(NCT 660' FB)