

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

API NUMBER: 045 23717

Approval Date: 01/09/2018

Expiration Date: 07/09/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 17N Rge: 24W County: ELLIS
SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 250 1790

Lease Name: FIELDER Well No: 1015 3H Well will be 250 feet from nearest unit or lease boundary.
Operator Name: EOG RESOURCES INC Telephone: 4052463212 OTC/OCC Number: 16231 0

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

EDDIE & SUSAN MILLER REVOCABLE TRUST
42585 US HWY. 283
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 MARMATON	9450	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 602335
599840

Location Exception Orders:

Increased Density Orders: 665478

Pending CD Numbers: 201707956
201707957
201707955

Special Orders:

Total Depth: 20561 Ground Elevation: 2356 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 570

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: 17-33597

H. SEE MEMO

E. Haul to Commercial pit facility: Sec. 21 Twn. 14N Rng. 21W Cnty. 129 Order No: 376462

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

HORIZONTAL HOLE 1

Sec 15 Twp 17N Rge 24W County ELLIS

Spot Location of End Point: SW SW SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2333

Depth of Deviation: 9025

Radius of Turn: 750

Direction: 170

Total Length: 10358

Measured Total Depth: 20561

True Vertical Depth: 9736

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

1/5/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

1/5/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

INCREASED DENSITY - 665478

1/9/2018 - G75 - 15-17N-24W
X599840 MRMN
2 WELLS
EOG RESOURCES, INC.
6-30-2017

MEMO

1/5/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO BE SOIL-FARMED; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO LONE MOUNTAIN FACILITY, EPA ID # OKD065438376, 28 & 33-23N-15W, MAJOR CO. OR SAFE EARTH MANAGEMENT 21-14N-21W, ROGER MILLS CO. # 376462

This permit does not address the right of entry or settlement of surface damages.

045 23717 FIELDER 1015 3H

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.

Category	Description
PENDING CD - 201707955	1/9/2018 - G75 - 10-17N-24W X602335 MRMN 2 WELLS NO OP. NAMED REC 12-18-2017 (THOMAS)
PENDING CD - 201707956	1/9/2018 - G75 - (I.O.) 10 & 15-17N-24W EST MULTIUNIT HORIZONTAL WELL X602335 MRMN 10-17N-24W X599840 MRMN 15-17N-24W 50% 10-17N-24W 50% 15-17N-24W NO OP. NAMED REC 12-18-2017 (THOMAS)
PENDING CD - 201707957	1/9/2018 - G75 - (I.O.) X602335 MRMN 10-17N-24W X599840 MRMN 15-17N-24W SHL (3-17N-24W) SW4 COMPL. INT. (10-17N-24W) NCT 165' FNL, NCT 0' FSL, NCT 2287' FEL COMPL. INT. (15-17N-24W) NCT 0' FNL, NCT 165' FSL, NCT 2287' FEL NO OP. NAMED REC 12-18-2017 (THOMAS)
SPACING - 599840	1/9/2018 - G75 - (640)(HOR) 15-17N-24W EXT 594259 MRMN, OTHERS EXT OTHER POE TO BHL NCT 660' FB (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST PRODUCING NON-HORIZONTAL SPACING UNITS)
SPACING - 602335	1/9/2018 - G75 - (640)(HOR) 10-17N-24W EXT 593688 MRMN, OTHERS POE TO BHL NCT 660' FB (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST PRODUCING NON-HORIZONTAL SPACING UNITS)

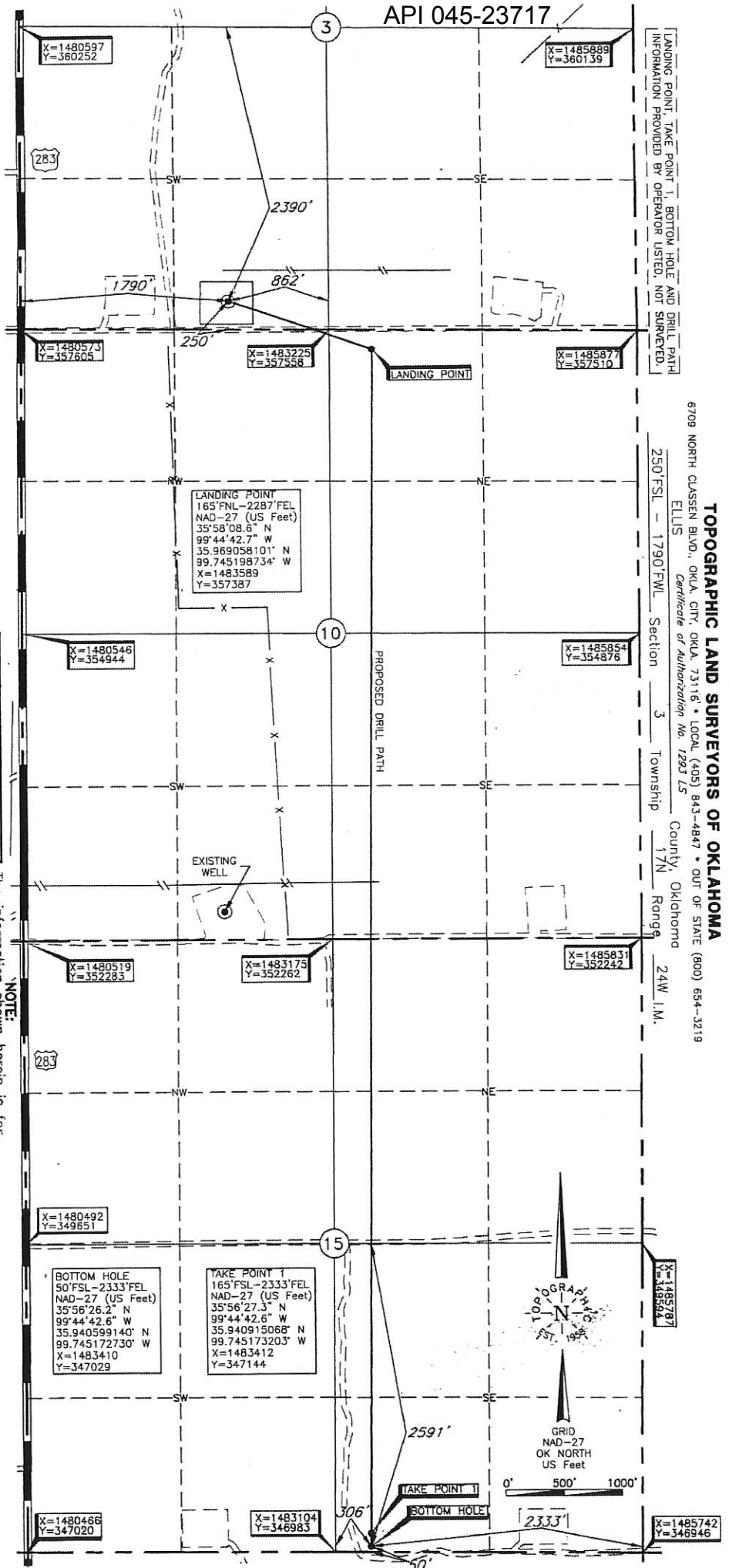
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219

ELLIS Certificate of Authorization No. 1293 LS County, Oklahoma

250 FSL - 1790 FWL Section 3 Township 17N Range 24W 1.M.

LANDING POINT, TAKE POINT 1, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.



NOTE: The information shown herein is for the construction purposes ONLY.

ELEVATION:
2356' Gr. at Stake

Operator: EOG RESOURCES, INC.
Lease Name: FIELDER 1015
Well No.: #3H
Topography & Vegetation: Loc. fell in tall grass pasture, ±275' South of E-W pipeline

Good Drill Site? Yes
Reference Stokes or Alternate Location
Stokes Set None

Best Accessibility to Location: From South off county road
Distance & Direction: From Jct US Hwy. 60 E-W and US Hwy. 283 South, East of Arnett, OK, go ±11.5 mi. South to the SW Cor. of Sec. 3-17N-R24W

DATUM: NAD-27
LAT: 35°58'12.7" N
LON: 99°44'57.7" W
LAT: 35°57'01.9" N
LON: 99°44'59.9" W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1482365
Y: 357823

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.)

Invoice # 283514 Date Staked: Oct. 30, 2017
Date of Drawing: Nov. 02, 2017

CERTIFICATE:

I, THOMAS L. HOWELL, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Thomas L. Howell
Oklahoma Lic. No. 1433

