

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

API NUMBER: 045 23682

Approval Date: 07/26/2017
Expiration Date: 01/26/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 19N Rge: 25W County: ELLIS
SPOT LOCATION: SW SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 300 2350

Lease Name: MAX Well No: 27-5H Well will be 300 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

WAYLAND FAMILY LLC
63005 SOUTH COUNTY ROAD 175
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 MARMATON	8950	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 580499 Location Exception Orders: 665616 Increased Density Orders: 666000

Pending CD Numbers:

Special Orders:

Total Depth: 14600 Ground Elevation: 2339 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 540

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 BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32937

H. SEE MEMO

E. Haul to Commercial pit facility: Sec. 24 Twn. 14N Rng. 21W Cnty. 129 Order No: 372833

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 27 Twp 19N Rge 25W County ELLIS

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2300

Depth of Deviation: 8477

Radius of Turn: 750

Direction: 185

Total Length: 4945

Measured Total Depth: 14600

True Vertical Depth: 9050

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

Notes:

Category

Description

DEEP SURFACE CASING

7/26/2017 - G58 - 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

7/26/2017 - G58 - 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 - 666000

7/26/2017 - G75 - 27-19N-25W
X580499 MRMN
2 WELLS
EOG RESOURCES, INC.
7-17-2017

LOCATION EXCEPTION - 665616

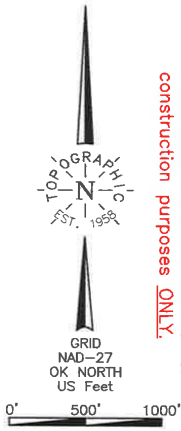
7/26/2017 - G75 - (I.O.) 27-19N-25W
X580499 MRMN
COMPL. INT. NCT 165' FNL & NCT 2400' FWL, NCT 165' FSL & NCT 2300' FWL
EOG RESOURCES, INC.
7-5-2017

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.

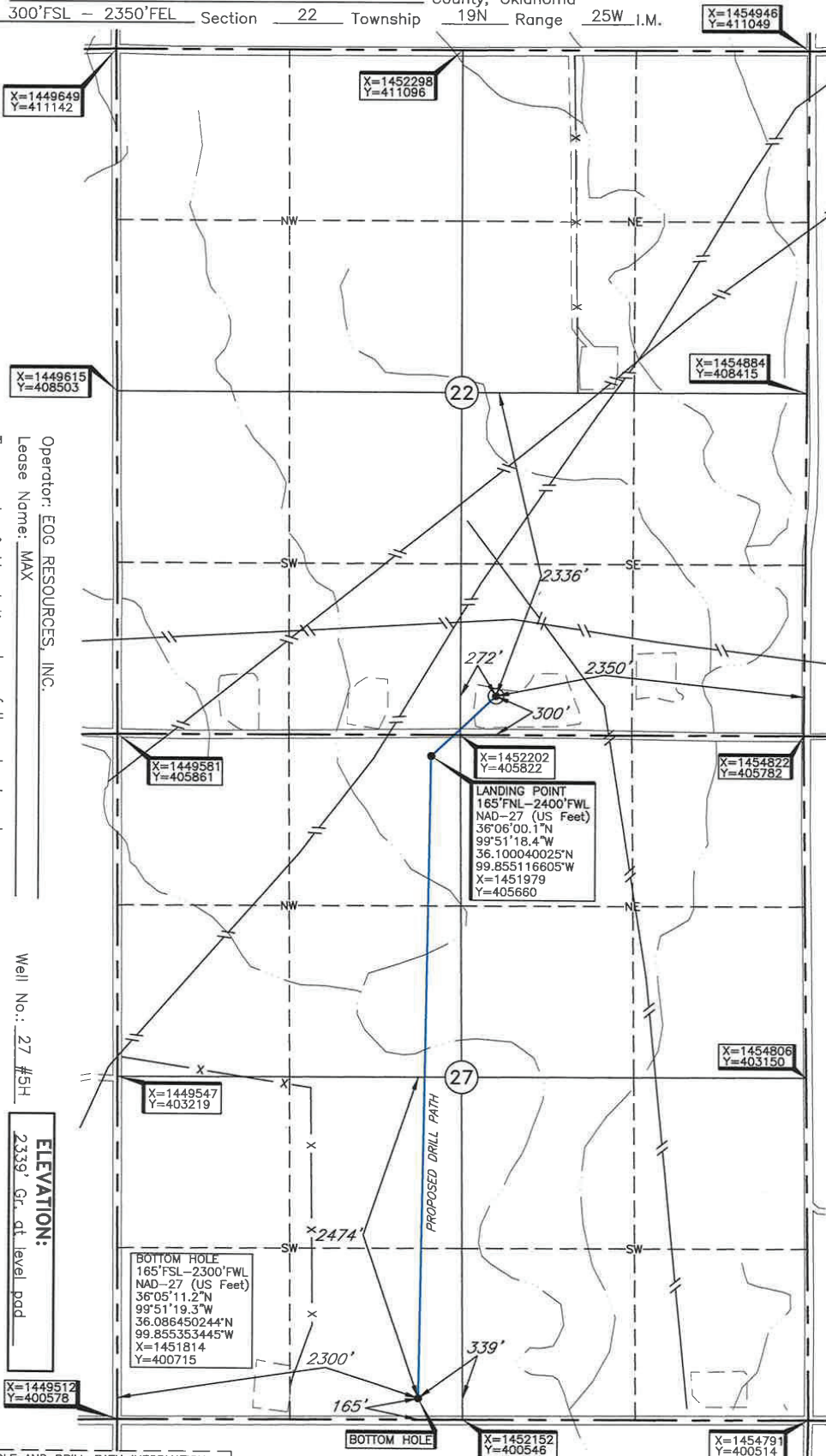
Category	Description
MEMO	7/26/2017 - G58 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO LONE MOUNTAIN FACILITY, EPA ID # OKD065438376, 28 & 33-23N-15W, MAJOR CO.
SPACING - 580499	7/26/2017 - G75 - (640)(HOR) 27-19N-25W EST MRMN, OTHERS POE TO BHL NCT 660' FB (SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)
SURFACE LOCATION	7/26/2017 - G75 - 300' FSL, 2350' FEL SE4 22-19N-25W PER STAKING PLAT

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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.

ELLIS County, Oklahoma
 300'FSL - 2350'FEL Section 22 Township 19N Range 25W I.M.



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



Operator: EOG RESOURCES, INC.
 Lease Name: MAX
 Topography & Vegetation Loc. fell on level pad
 Well No.: 27 #5H
ELEVATION:
 2339 Gr. at level pad

Good Drill Site? Yes No
 Reference Stakes or Alternate Location
 Stakes Set None

Best Accessibility to Location From South of county road
 Distance & Direction from Hwy Jet or Town From Jct. US Hwy. 60 E-W and US Hwy. 283 North, Podunk Corner, go ±2.0 mi. East on US Hwy. 60, then ±2.5 mi. South to the SE Cor. of Sec. 22-119N-R25W

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

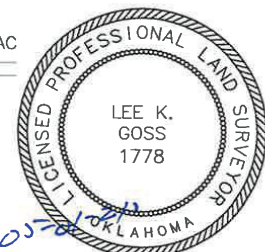
DATUM: NAD-27
 LAT: 36°06'04.8"N
 LONG: 99°51'12.4"W
 LAT: 36.101321838° N
 LONG: 99.853450763° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1452479
 Y: 406117

Date of Drawing: May 01, 2017
 Invoice # 274315 Date Staked: Apr. 11, 2017 AC

CERTIFICATE:

I, Lee K. Goss an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Oklahoma Lic. No. 1778



This information was gathered with a GPS receiver with a 1 ft accuracy.