

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

API NUMBER: 045 23801

Approval Date: 05/24/2019
Expiration Date: 11/24/2020

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 18N Rge: 25W County: ELLIS
SPOT LOCATION: S2 N2 NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 525 1980

Lease Name: PSHIGODA 2536 Well No: 4H Well will be 525 feet from nearest unit or lease boundary.
Operator Name: EOG RESOURCES INC Telephone: 4052463224 OTC/OCC Number: 16231 0

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

CHARLES J AND JANICE A PARKER
14835 LONG IRON DRIVE
HUNTERSVILLE NC 28078

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

Name	Depth	Name	Depth
1 MARMATON	8800	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 581966 Location Exception Orders: Increased Density Orders: 691970
579336 691971

Pending CD Numbers: 201810266
201810265

Special Orders:

Total Depth: 19830 Ground Elevation: 2328 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 470

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

E. Haul to Commercial pit facility: Sec. 34 Twn. 14N Rng. 24W Cnty. 129 Order No: 563353

Is depth to top of ground water greater than 10ft below base of pit? Y

H. SEE MEMO

Within 1 mile of municipal water well? N

G. Haul to recycling/re-use facility: Sec. 1 Twn. 15N Rng. 11W Cnty. 11 Order No: 662791

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

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 25 Twp 19N Rge 25W County ELLIS

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2290

Depth of Deviation: 8590

Radius of Turn: 336

Direction: 350

Total Length: 10712

Measured Total Depth: 19830

True Vertical Depth: 9090

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

Notes:

Category

Description

DEEP SURFACE CASING

4/29/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

4/29/2019 - 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 - 691970

5/2/2019 - GB1 - 25-19N-25W
X581966 MRMN
2 WELLS
EOG RESOURCES, INC.
2/25/2019

INCREASED DENSITY - 691971

5/2/2019 - GB1 - 36-19N-25W
X579336 MRMN
2 WELLS
EOG RESOURCES, INC
2/25/2019

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	4/29/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201810265	5/2/2019 - GB1 - (I.O.) 25 & 36-19N-25W EST MULTIUNIT HORIZONTAL WELL X579336 MRMN 36-19N-25W X581966 MRMN 25-19N-25W 50% 36-19N-25W 50% 25-19N-25W NO OP. NAMED REC. 1/7/2019 (MILLER)
PENDING CD - 201810266	5/2/2019 - GB1 - (I.O.) 25 & 36-19N-25W X579336 MRMN 36-19N-25W X581966 MRMN 25-19N-25W COMPL. INT. (36-19N-25W) NCT 0' FNL, NCT 2237' FEL, NCT 165' FSL, NCT 1920' FEL*** COMPL. INT. (25-19N-25W) NCT 165' FNL, NCT 2585' FEL, NCT 0' FSL, NCT 2237' FEL*** NO OP. NAMED REC. 1/7/2019 (MILLER)
	***WILL BE CORRECTED PER ATTORNEY FOR OPR AT FINAL HEARING
SPACING - 579336	5/2/2019 - GB1 - (640)(HOR) 36-19N-25W EST MRMN, OTHERS COMPL. INT. NCT 660' FB
SPACING - 581966	5/2/2019 - GB1 - (640)(HOR) 25-19N-25W EST MRMN, OTHERS COMPL. INT. NCT 660' FB

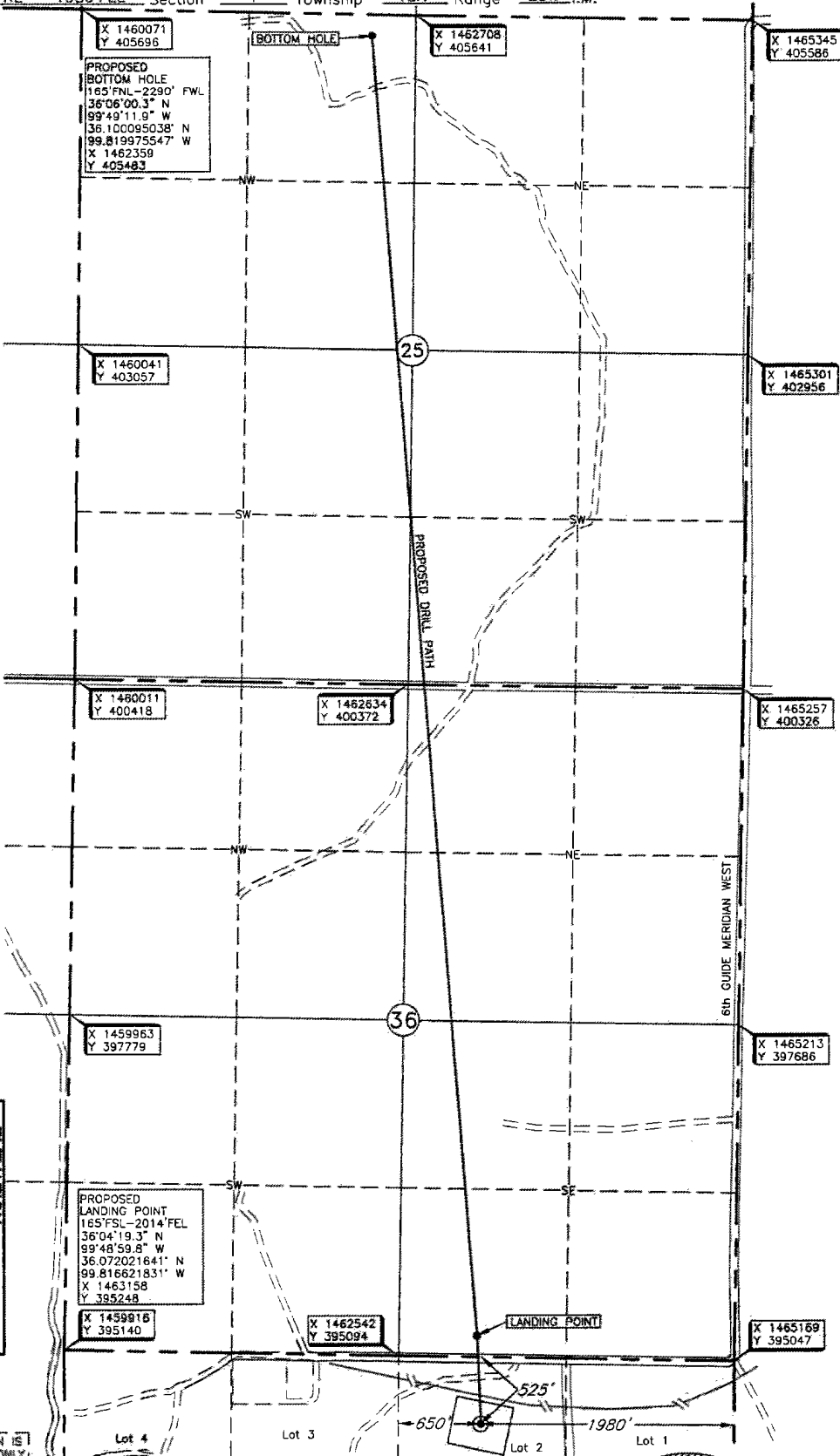
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The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

ELLIS County, Oklahoma

525' FNL - 1980' FEL Section 1 Township 18N Range 25W I.M.



X 1460071
Y 405696

PROPOSED BOTTOM HOLE
 185' FNL - 2290' FWL
 36°06'00.3" N
 99°49'11.9" W
 36.100095038' N
 99.819975547' W
 X 1462359
 Y 405483

X 1462708
Y 405641

X 1465345
Y 405586

X 1460041
Y 403057

X 1465301
Y 402956

X 1460011
Y 400418

X 1462834
Y 400372

X 1465257
Y 400326

X 1459963
Y 397779

X 1465213
Y 397686

PROPOSED LANDING POINT
 165' FSL - 2014' FEL
 36°04'19.3" N
 99°48'59.3" W
 36.072021641' N
 99.816621831' W
 X 1463158
 Y 395248

X 1459818
Y 395140

X 1462542
Y 395094

X 1465169
Y 395047

Operator: EOG RESOURCES, INC
 Lease Name: PSHIGODA 2536
 Topography & Vegetation Location: fall in grass pasture, level to slope, ±218 SW of NW-SE pipeline.
 Well No.: 4H
 ELEVATION: 2328' Gr. at Stake
 Reference Stakes or Alternate Location: Stakes Set
 Good Drill Site? Yes
 Best Accessibility to Location: From North of county road.
 Distance & Direction from Hwy Jct or Town: From junction of US Hwy 283 & US Hwy 60, East of Arnett, Oklahoma, go South ±3.5 miles, then West ±3 miles, then South ±1 mile to the Northeast corner of Section 1-118N-R25W.

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

Revision 1 Date of Drawing: Apr. 15, 2019
 Project # 125396 Date Staked: Apr. 8, 2019 KH

DATUM: NAD-27
 LAT: 36°04'12.5"N
 LONG: 99°48'59.4"W
 LAT: 36.070125350°N
 LONG: 99.816487987°W
 STATE PLANE
 COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 1463185
 Y: 394557

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

