

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

API NUMBER: 087 22225

Approval Date: 03/12/2019

Expiration Date: 09/12/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 8N Rge: 4W County: MCCLAIN

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 292 1047

Lease Name: LEFLORE 1015

Well No: 4H

Well will be 292 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

MARY LEFLORE CLEMENTS
6601 NORTH HARVEY
COPELAND GRAHAM FARMS LLC
OKLAHOMA CITY OK 73116

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9145	6	
2	WOODFORD	9175	7	
3	HUNTON	9321	8	
4			9	
5			10	

Spacing Orders: 207975
616337
627628

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201810684
201810685
201810678
201810679

Special Orders:

Total Depth: 19728

Ground Elevation: 1292

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 430

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: 5000 Average: 3000

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: DUNCAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36328

E. Haul to Commercial pit facility: Sec. 1 Twn. 15N Rng. 11W Cnty. 11 Order No: 662791

H. SEE MEMO

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: DUNCAN

HORIZONTAL HOLE 1

Sec 15 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: S2 SW SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2310

Depth of Deviation: 8332

Radius of Turn: 750

Direction: 190

Total Length: 10228

Measured Total Depth: 19728

True Vertical Depth: 9470

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

Additional Surface Owner	Address	City, State, Zip
LOUIS EDWARD LEFLORE TRUST	2825 NW GRAND BLVD, NO. 21	OKLAHOMA CITY, OK 73116

Notes:

Category

Description

DEEP SURFACE CASING

1/25/2019 - 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

1/25/2019 - 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: OCCWEB.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

MEMO

1/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM/CUTTINGS TO BE SOIL FARMED; PIT 2 - OBM CUTTINGS TO HEARTLAND ENVIRONMENTAL RESOURCES (ORDER #662791) OR DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, 3-5N-6W, GRADY CO., # 3526013); PIT 2 - OBM TO VENDOR

PENDING CD - 201810678

2/28/2019 - GA8 - (E.O.) 10-8N-4W
X627628 MSSP, WDFD
3 WELLS
NO OP. NAMED
REC. 3/11/2019 (DENTON)

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

087 22225 LEFLORE 1015 4H

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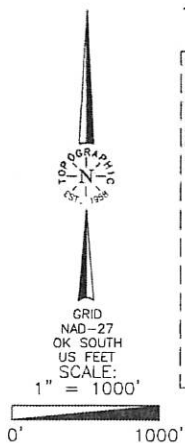
Category	Description
PENDING CD - 201810679	2/28/2019 - GA8 - (E.O.) 15-8N-4W X 616337 MSSP, WDFD 3 WELLS NO OP. NAMED REC. 3/11/2019 (DENTON)
PENDING CD - 201810685	2/28/2019 - GA8 - (E.O.) 10 & 15-8N-4W X207975 HNTN 10-8N-4W X627628 MSSP, WDFD 10-8N-4W X616337 MSSP, WDFD, HNTN 15-8N-4W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO LEFLORE 1015 3H COMPL. INT. (10-8N-4W) NCT 165' FNL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. (15-8N-4W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FEL NO OP. NAMED REC. 3/11/2019 (DENTON)
PENDING CD- 201810684	2/28/2019 - GA8 - (E.O.) 10 & 15-8N-4W EST MULTIUNIT HORIZONTAL WELL X207975 HNTN 10-8N-4W X627628 MSSP, WDFD 10-8N-4W X616337 MSSP, WDFD, HNTN 15-8N-4W (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 10-8N-4W 50% 15-8N-4W NO OP. NAMED REC. 3/11/2019 (DENTON)
SPACING - 207975	2/28/2019 - GA8 - (640) 10 & 15-8N-4W EXT 188079 HNTN (VAC 15-8N-4W BY 272478), OTHERS EXT OTHER
SPACING - 616337	2/28/2019 - GA8 - (640) 15-8N-4W VAC 272478 HNTN, OTHERS EXT 601388 MSSP, WDFD, OTHER EXT 207975 HNTN, OTHERS EST OTHERS
SPACING - 627628	2/28/2019 - GA8 - (640) 10-8N-4W VAC OTHER EXT 616337 MSSP, WDFD, OTHERS

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As-Built



Operator: E.O.G. RESOURCES, INC. Well No.: #4H

Lease Name: LEFLORE 1015

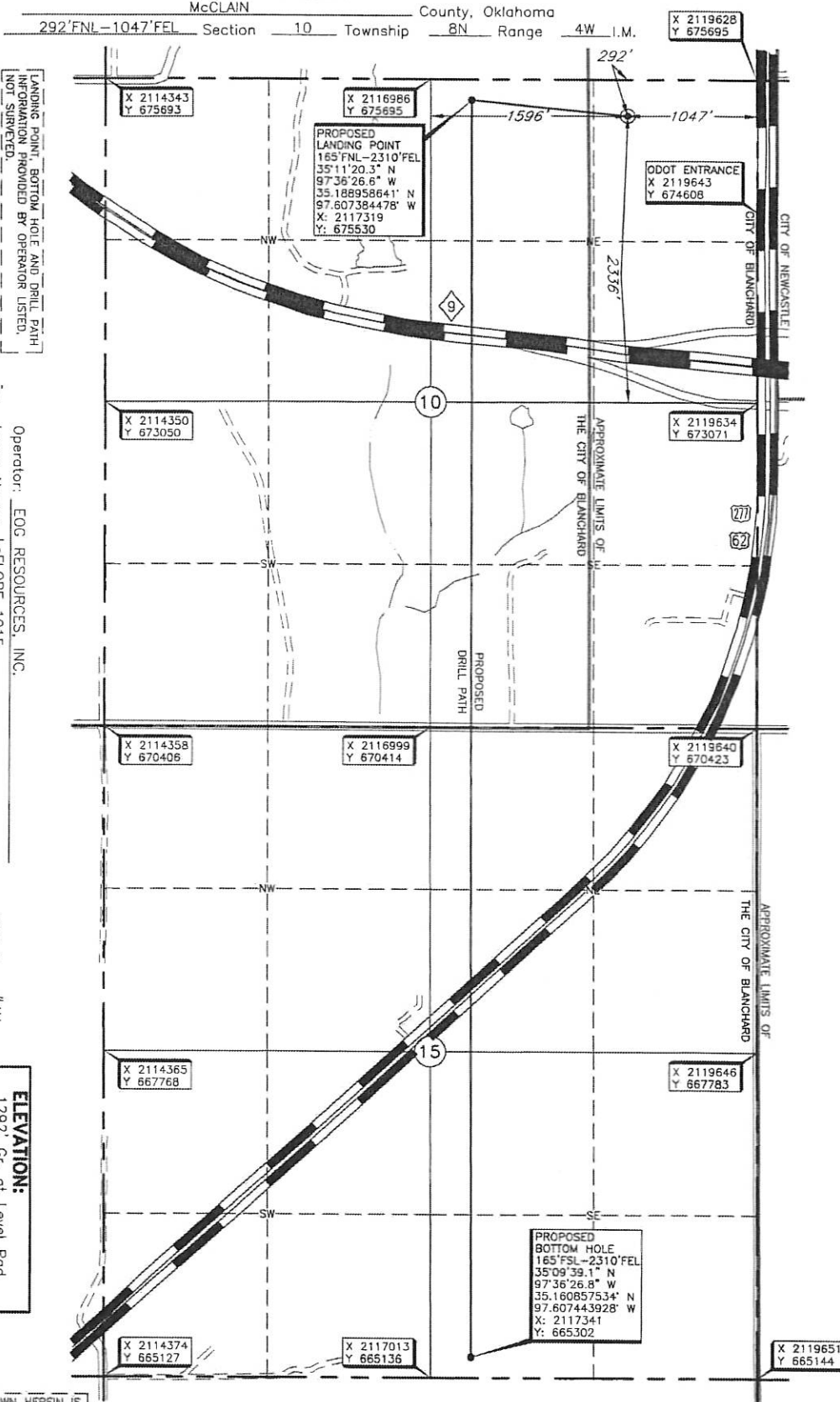
Topography & Vegetation Loc. fell on existing pad

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

Best Accessibility to Location From East off US Hwy 277

Distance & Direction The junction of US Hwy 277 & St. Hwy 9 is the East Quarter Corner of Section 10, T8N-R4W from Hwy Jct or Town

ELEVATION:
1292 Gr. at Level Pad



THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27
 LAT: 35°11'18.9" N
 LONG: 97°16'11.4" W
 LAT: 35.188595814° N
 LONG: 97.603158593° W
 STATE PLANE
 COORDINATES (US FEET):
 ZONE: OK SOUTH
 X: 2118582
 Y: 675403

Revision ☒ B Date of Drawing: Feb. 28, 2019
Project # 124417B Date Staked: Feb. 26, 2019 TR

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. Kuehl
Oklahoma Lic. No. 1433

