

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

API NUMBER: 087 22143

Approval Date: 06/08/2018
Expiration Date: 12/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 9N Rge: 4W

County: MCCLAIN

SPOT LOCATION: NE SW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 550 388

Lease Name: MCMAHAN

Well No: 0211 1H

Well will be 388 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC

Telephone: 4052463212

OTC/OCC Number: 16231 0

EOG RESOURCES INC
PO BOX 4362
OKLAHOMA CITY, OK 73112-1483

JUANITA GRIFFIN FAMILY TRUST
1333 S E 32ND STREET
PATSY MCMAHAN, SUCCESSOR TRUSTEE
NEWCASTLE OK 73065

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9000	6	
2 WOODFORD	9100	7	
3 HUNTON	9230	8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803035
201803671
201803672
201803673
201803674

Special Orders:

Total Depth: 20331

Ground Elevation: 1253

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 440

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34423

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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: 20000

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 11 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 8900

Radius of Turn: 805

Direction: 185

Total Length: 10167

Measured Total Depth: 20331

True Vertical Depth: 9308

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

Notes:

Category

Description

DEEP SURFACE CASING

5/29/2018 - 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

5/29/2018 - 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

MEMO

5/29/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO BE SOIL FARMED; PIT 2 - OBM CUTTINGS TO R360 (ORDER # 587498) OR DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, 3-5N-6W, GRADY CO., # 3526013); PIT 2 - OBM TO VENDOR

Category	Description
PENDING CD - 201803035	6/8/2018 - G58 - (E.O.)(640)(HOR) 11-8N-4W VAC 577685 WDFD SE4 VAC 410286 HNTN SE4 VAC 350253/352342 HNTN S2 NW4; N2 SW4 EST MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER 575821 WDFD NE4; SP. ORDER 410286 HNTN NE4) EOG RESOURCES, INC. REC 4-30-2018 (P. PORTER)
PENDING CD - 201803671	6/8/2018 - G58 - (640)(HOR) 2-8N-4W VAC 187976 HNTN VAC 576475 WDFD EST MSSP, WDFD, HNTN COMPL. INT. (MSSP, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
PENDING CD - 201803672	6/8/2018 - G58 - 11-8N-4W X201803035 WDFD 1 WELL NO OP. NAMED REC 6/1/2018 (DENTON)
PENDING CD - 201803673	6/8/2018 - G58 - (I.O.) 2 & 11-8N-4W EST MULTIUNIT HORIZONTAL WELL X201803671 MSSP, WDFD, HNTN (2-8N-4W) X201803035 MSSP, WDFD, HNTN (11-8N-4W) (MSSP, HNTN ARE ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 50% 2-8N-4W 50% 11-8N-4W NO OP. NAMED REC 6/1/2018 (DENTON)
PENDING CD - 201803674	6/8/2018 - G58 - (I.O.) 2 & 11-8N-4W X201803671 MSSP, WDFD, HNTN (2-8N-4W) X201803035 MSSP, WDFD, HNTN (11-8N-4W) COMPL. INT. (2-8N-4W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (11-8N-4W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC 6/1/2018 (DENTON)

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