

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

API NUMBER: 087 22202 E

Approval Date: 12/21/2018
Expiration Date: 06/21/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: UPDATE OCC ORDERS; CHANGE SHL & BHL;
ADD SURFACE OWNER

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 8N Rge: 4W County: MCCLAIN
SPOT LOCATION: SE NE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 786 1316

Lease Name: TERRI 1621 Well No: 2H Well will be 350 feet from nearest unit or lease boundary.

Operator EOG RESOURCES INC Telephone: 4052463224 OTC/OCC Number: 16231 0
Name:

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

THOMAS W CURRY, TRUSTEE
5555 DEL MONTE, UNIT 1103
THOMAS W CURRY 2010 GIFT TRUST
HOUSTON TX 77056

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9670	6	
2 WOODFORD	9790	7	
3 HUNTON	9890	8	
4		9	
5		10	

Spacing Orders: 601388 Location Exception Orders: 695939 Increased Density Orders: 692364
671519 693686
672465
628255
695286

Pending CD Numbers:

Special Orders:

Total Depth: 19993 Ground Elevation: 1270 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 480

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

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

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

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

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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 16 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 902

Depth of Deviation: 9087

Radius of Turn: 500

Direction: 355

Total Length: 10120

Measured Total Depth: 19993

True Vertical Depth: 9890

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

Additional Surface Owner	Address	City, State, Zip
CYNTHIA A MOONEY, TRUSTEE	CYNTHIA A MOONEY 2010 GIFT TRUST PO BOX 100	BLANCHARD, OK 73010
NANCY CURRY	2610 RIP VAN WINKLE	PEARLAND, TX 77581

Notes:

Category

Description

DEEP SURFACE CASING

12/19/2018 - 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

12/19/2018 - 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 - 692364

12/20/2018 - G58 - 21-8N-4W
X671519/672465 WDFD
4 WELLS
EOG RESOURCES, INC.
03/04/2019

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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.

INCREASED DENSITY - 693686	12/20/2018 - G58 - 16-8N-4W X601388 WDFD 4 WELLS EOG RESOURCES, INC. 03/28/2019
LOCATION EXCEPTION - 695939	12/20/2018 - G58 - (I.O.) 16 & 21-8N-4W X601388 MSSP, WDFD, HNTN 16-8N-4W X671519/672465 MSSP, WDFD X628255 HNTN X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING AND PROPOSED WELLS COMPL. INT. 16-8N-4W NCT 165' FNL, NCT 0' FSL, NCT 660' FWL COMPL. INT. 21-8N-4W NCT 0' FNL, NCT 165' FSL, NCT 660' FWL EOG RESOURCES, INC. 05/10/2019
MEMO	12/19/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 1 - WBM/CUTTINGS & PIT 2 - CUTTINGS TO BE HAUL TO COMM PITS (587498) OR TO DEQ APPROVED FAC – SOUTHERN PLAINS LANDFILL (GRADY CO) 3526013, PIT 2 - OBM TO VENDOR
SPACING - 601388	12/20/2018 - G58 - (640) 16-8N-4W VAC 165857 HNTN, OTHERS EXT 588047 MSSP, WDFD, HNTN, OTHERS
SPACING - 628255	12/20/2018 - G58 - (640) 21-8N-4W VAC 165857 HNTN, OTHERS EXT 601388/616603 MSSP, WDFD, HNTN, OTHERS
SPACING - 671519	12/20/2018 - G58 - (640)(HOR) 21-8N-4W EXT 663347 MSSP, WDFD COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 628255 MSSP)
SPACING - 672465	12/20/2018 - G58 - NPT TO SP. ORDER 671519 TO COEXIST WITH WDFD FROM ORDER 628255
SPACING - 695287	12/20/2018 - G58 - (I.O.) 16 & 21-8N-4W EST MULTIUNIT HORIZONTAL WELL X601388 MSSP, WDFD, HNTN 16-8N-4W X671519/672465 MSSP, WDFD X628255 HNTN (MSSP, HNTN ARE ADJACENT CSS TO WDFD) 50% 16-8N-4W 50% 21-8N-4W EOG RESOURCES, INC. 04/29/2019

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