

API NUMBER: 087 22417 A

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

Approval Date: 02/22/2023

Expiration Date: 08/22/2024

Multi Unit Oil & Gas

Amend reason: CHANGE TARGET, LTP & BHL, TVD & MD,
UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 20 Township: 7N Range: 4W County: MCCLAIN

SPOT LOCATION: SE NW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 929 2104

Lease Name: STURGELL 172008 Well No: 7H Well will be 929 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC Telephone: 4052463248 OTC/OCC Number: 16231 0

EOG RESOURCES INC
14701 BOGERT PARKWAY
OKLAHOMA CITY, OK 73134-2646

EARL J FLEMING
24581 ROCKWELL AVE
BLANCHARD OK 73010

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10200
2	WOODFORD	319WDFD	10900

Spacing Orders: 676640
671787
671043

Location Exception Orders: 731456

Increased Density Orders: 732319
732317
732315

Pending CD Numbers: 202204726

Working interest owners' notified: YES

Special Orders: No Special

Total Depth: 26560 Ground Elevation: 1289

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 430

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

E. Haul to Commercial pit facility	Sec. 28 Twn. 2N Rng. 4W Cnty. 137 Order No: 717427
F. Haul to Commercial soil farming facility	Sec. 28 Twn. 2N Rng. 4W Cnty. 137 Order No: 665063
H. (Other)	SEE MEMO
G. Haul to recycling/re-use facility	Sec. 22 Twn. 16N Rng. 9W Cnty. 73 Order No: 647741

PIT 1 INFORMATION

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

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

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.

MULTI UNIT HOLE 1					
Section: 8	Township: 7N	Range: 4W	Meridian: IM	Total Length: 15750	
County: MCCLAIN			Measured Total Depth: 26560		
Spot Location of End Point: NE NW NW NE			True Vertical Depth: 11000		
Feet From: NORTH		1/4 Section Line: 50		End Point Location from	
Feet From: EAST		1/4 Section Line: 2145		Lease, Unit, or Property Line: 50	

Additional Surface Owner(s)	Address	City, State, Zip
EARL J FLEMING	24581 ROCKWELL AVE	BLANCHARD, OK 73010

NOTES:	
Category	Description
DEEP SURFACE CASING	[2/17/2023 - GC2] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	<p>[2/17/2023 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS. FORM 6000NH SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
INCREASED DENSITY - 732315	<p>[5/17/2023 - GB7] - (I.O.) 8-7N-4W</p> <p>X676640 MSSP, OTHERS</p> <p>2 WELLS</p> <p>EOG RESOURCES INC</p> <p>02/22/2023</p>
INCREASED DENSITY - 732317	<p>[5/17/2023 - GB7] - (I.O.) 17-7N-4W</p> <p>X671787 MSSP, OTHERS</p> <p>3 WELLS</p> <p>EOG RESOURCES INC</p> <p>02/22/2023</p>
INCREASED DENSITY - 732319	<p>[5/17/2023 - GB7] - (I.O.) 20-7N-4W</p> <p>X671043 MSSP, OTHERS</p> <p>3 WELLS</p> <p>EOG RESOURCES INC</p> <p>02/22/2023</p>
LOCATION EXCPETION - 731456 (CD2022-004729)	<p>[2/17/2023 - GB7] - (I.O.) 5,8,17 & 20-7N-4W</p> <p>X671043 MSSP, WDFD, OTHER 20-7N-4W</p> <p>X671787 MSSP, WDFD, OTHER 17-7N-4W</p> <p>X676640 MSSP, WDFD, OTHER 8-7N-4W</p> <p>X675220 MSSP, WDFD, OTHER 5-7N-4W</p> <p>X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO STURGELL 1720 4H (API# 087-22121), STURGELL 8 (API# TBD)</p> <p>COMPL. INT. (20-7N-4W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FWL</p> <p>COMPL. INT. (17-7N-4W) NCT 0' FNL, NCT 1320' FWL, NCT 0' FSL, NCT 1650' FWL</p> <p>COMPL. INT. (8-7N-4W) NCT 0' FNL, NCT 1650' FWL, NCT 0' FSL, NCT 1650' FEL</p> <p>COMPL. INT. (5-7N-4W) NCT 165' FNL, NCT 0' FSL, NCT 1650' FEL</p> <p>EOG RESOURCES INC</p> <p>01/18/2023</p>
MEMO	[2/17/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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.

PENDING CD - 202204726	[5/17/2023 - GB7] - (I.O.) 5,8,17 & 20-7N-4W EST MULTIUNIT HORIZONTAL WELL X671043 MSSP, WDFD 20-7N-4W X671787 MSSP, WDFD 17-7N-4W X676640 MSSP, WDFD 8-7N-4W (WDFD IS ADJACENT CSS TO MSSP) 33% 20-7N-4W 34% 17-7N-4W 33% 8-7N-4W EOG RESOURCES INC REC 5/15/2023 (MILLER)
SPACING - 671043	[2/17/2023 - GB7] - (640)(HOR) 20-7N-4W EXT 635145 MSSP, WDFD, OTHER POE TO BHL NCT 660' FB (MSSP) POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (WDFD)
SPACING - 671787	[2/17/2023 - GB7] - (640)(HOR) 17-7N-4W EXT 635145 MSSP, WDFD, OTHER POE TO BHL NCT 660' FB (MSSP) POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (WDFD)
SPACING - 676640	[2/17/2023 - GB7] - (640)(HOR) 8-7N-4W EXT 655159 MSSP, WDFD, OTHER POE TO BHL NCT 660' FB (MSSP) POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (WDFD)