

API NUMBER: 087 22418

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

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: 944 2104

Lease Name: STURGELL 172008

Well No: 8H

Well will be 944 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
3	HUNTON	269HNTN	10950

Spacing Orders: 675220
676640
671787
671043
731454

Location Exception Orders: 731457

Increased Density Orders: No Density

Pending CD Numbers: 202204731
202204732
202204733
202204734

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 32000

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

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 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**MULTI UNIT HOLE 1**

Section: 5 Township: 7N Range: 4W Meridian: 1M

Total Length: 21000

County: MCCLAIN

Measured Total Depth: 32000

Spot Location of End Point: NE NW NE NW

True Vertical Depth: 11000

Feet From: **NORTH** 1/4 Section Line: 50Feet From: **WEST** 1/4 Section Line: 1835End Point Location from
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

[2/17/2023 - GC2] - OCC 165:10-3-10 REQUIRES:

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 6000NHO. 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;

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 6000NHF SHALL BE FOUND HERE: [HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS](https://oklahoma.gov/occ/divisions/oil-gas/ogcd-forms); AND,

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

LOCATION EXCEPTION - 731457 (CD2022-004730)	[2/22/2023 - GB7] - (I.O.) 5,8,17 & 20-7N-4W X671043 MSSP, WDFD, HNTN 20-7N-4W X671787 MSSP, WDFD, HNTN 17-7N-4W X676640 MSSP, WDFD, HNTN 8-7N-4W X675220 MSSP, WDFD, HNTN 5-7N-4W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO STURGELL 0805 1H (API# 087-22113), STURGELL 7 (API# TBD) COMPL. INT. (20-7N-4W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL COMPL. INT. (17-7N-4W) NCT 0' FNL, NCT 990' FWL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (8-7N-4W) NCT 0' FNL, NCT 1320' FWL, NCT 0' FSL, NCT 990' FWL COMPL. INT. (5-7N-4W) NCT 165' FNL, NCT 0' FSL, NCT 1320' FWL EOG RESOURCES INC 01/18/2023
MEMO	[2/17/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING - CD2022-004731	[2/22/2023 - GB7] - 5-7N-4W X675220 MSSP, WDFD, HNTN 3 WELLS EOG RESOURCES INC 02/13/2023
PENDING - CD2022-004732	[2/22/2023 - GB7] - 8-7N-4W X676640 MSSP, WDFD, HNTN 3 WELLS EOG RESOURCES INC 02/13/2023
PENDING - CD2022-004733	[2/22/2023 - GB7] - 17-7N-4W X671787 MSSP, WDFD, HNTN 3 WELLS EOG RESOURCES INC 02/13/2023
PENDING CD - 2022-004734	[2/22/2023 - GB7] - 20-7N-4W X671043 MSSP, WDFD, HNTN 3 WELLS EOG RESOURCES INC 02/13/2023
SPACING - 671043	[2/22/2023 - GB7] - (640)(HOR) 20-7N-4W EXT 635145 MSSP, WDFD, HNTN POE TO BHL NCT 660' FB (MSSP, HNTN) POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (WDFD) (COEXIST SP# 100960/110671/112492 MSRH S2, NE4 & SP# 327983 HNTN NW4)
SPACING - 671787	[2/22/2023 - GB7] - (640)(HOR) 17-7N-4W EXT 635145 MSSP, WDFD, HNTN POE TO BHL NCT 660' FB (MSSP, HNTN) POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (WDFD)
SPACING - 675220	[2/22/2023 - GB7] - (640)(HOR) 5-7N-4W EXT 634434 MSSP, WDFD, HNTN POE TO BHL NCT 660' FB (MSSP, HNTN) POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (WDFD)
SPACING - 676640	[2/22/2023 - GB7] - (640)(HOR) 8-7N-4W EXT 655159 MSSP, WDFD, HNTN POE TO BHL NCT 660' FB (MSSP, HNTN) POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (WDFD) (COEXIST WITH SP# 221867 HNTN)
SPACING - 731454 (CD2022-004727)	[2/22/2023 - GB7] - (I.O.) 5,8,17 & 20-7N-4W EST MULTIUNIT HORIZONTAL WELL X671043 MSSP, WDFD, HNTN 20-7N-4W X671787 MSSP, WDFD, HNTN 17-7N-4W X676640 MSSP, WDFD, HNTN 8-7N-4W X675220 MSSP, WDFD, HNTN 5-7N-4W 25% 20-7N-4W 25% 17-7N-4W 25% 8-7N-4W 25% 5-7N-4W EOG RESOURCES INC 01/18/2023