

API NUMBER: 087 22388 A

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

Approval Date: 09/08/2022
Expiration Date: 03/08/2024

Multi Unit Oil & Gas

Amend reason: CHANGE SURFACE HOLE LOCATION AND
ADD DISPOSAL METHODS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 04 Township: 8N Range: 4W County: MCCLAIN

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 272 2386

Lease Name: LAUBHAN 0409 Well No: 6H Well will be 272 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

LAUBHAN FAMILY LLC
C/O JUDITH LAUBHAN FEHLMANN, CO-TTEE
PO BOX 432
BROOMFIELD CO 80038

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	9150
2	WOODFORD	319WDFD	9250
3	HUNTON	269HNTN	9390

Spacing Orders: 698391 Location Exception Orders: 702435 Increased Density Orders: 701994
588047 719972 702431
702434 719946
719950 719947

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 19800 Ground Elevation: 1261

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 590

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:

D. One time land application -- (REQUIRES PERMIT)		PERMIT NO: 22-38561
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. 36 Twn. 5N Rng. 11W Cnty. 15 Order No: 728810	

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: 9 Township: 8N Range: 4W Meridian: 1M

Total Length: 10289

County: MCCLAIN

Measured Total Depth: 19800

Spot Location of End Point: SW SE SW SW

True Vertical Depth: 9525

Feet From: **SOUTH** 1/4 Section Line: 50End Point Location from
Lease, Unit, or Property Line: 50Feet From: **WEST** 1/4 Section Line: 830**NOTES:**

Category	Description
DEEP SURFACE CASING	[8/31/2022 - GC2] - 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	<p>[8/31/2022 - 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 HYDRAULIC FRACTURING OPERATIONS. FORM 6000NH shall BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML; 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 - 701994	<p>[9/8/2022 - G56] - (I.O.) W2 4-8N-4W X698391 WDFD 2 WELLS EOG RESOURCES, INC 9/10/2019</p>
INCREASED DENSITY - 702431	<p>[9/8/2022 - G56] - E2 8 & W2 9-8N-4W X588047 WDFD 3 WELLS EOG RESOURCES, INC 9/18/2019</p>
INCREASED DENSITY - 719946	[9/8/2022 - G56] - EXT OF TIME FOR ORDER # 701994
INCREASED DENSITY - 719947	[9/8/2022 - G56] - EXT OF TIME FOR ORDER # 702431
LOCATION EXCEPTION - 702435	<p>[9/8/2022 - G56] - (I.O.) W2 4, E2 8 & W2 9-8N-4W X698391 MSSP, WDFD, HNTN W2 4-8N-4W X588047 MSSP, WDFD, HNTN E2 8 & W2 9-8N-4W COMPL INT (W2 4-8N-4W) NCT 165' FNL, NCT 0' FSL, NCT 660' FWL COMPL INT (E2 8 & W2 9-8N-4W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FEL EOG RESOURCES, INC 9/18/2019</p>
LOCATION EXCEPTION - 719972	[9/8/2022 - G56] - EXT OF TIME FOR ORDER # 702435
MEMO	[8/31/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 588047	<p>[9/8/2022 - G56] - (80/640/320)(IRR UNIT) E2 8 & W2 9-8N-4W SU NW/SE VAC OTHERS VAC 188079 HNTN, OTHERS EXT (80) OTHERS EST (320) E2 9-8N-4W HNTN, OTHERS EST (640) W2 9-8N-4W MSSP, WDFD, HNTN</p>
SPACING - 698391	<p>[9/8/2022 - G56] - (320)(HOR) W2 4-8N-4W VAC 684298 MSSP, WDFD, HNTN COMPL. INT. (MSSP, HNTN) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>
SPACING - 702434	<p>[9/8/2022 - G56] - (I.O.) W2 4, E2 8 & W2 9-8N-4W EST MULTIUNIT HORIZONTAL WELL X698391 MSSP, WDFD, HNTN W2 4-8N-4W X588047 MSSP, WDFD, HNTN E2 8 & W2 9-8N-4W (MSSP, HNTN ARE ADJACENT CSS TO WDFD) 50% W2 4-8N-4W 50% E2 8 & W2 9-8N-4W EOG RESOURCES, INC 9/18/2019</p>
SPACING - 719950	[9/8/2022 - G56] - EXT OF TIME FOR ORDER # 702434

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087 22388 LAUBHAN 0409 6H