

API NUMBER: 087 22423

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

Approval Date: 03/22/2023

Expiration Date: 09/22/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 09 Township: 9N Range: 4W County: MCCLAIN

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 321 354

Lease Name: TOMCAT 1621

Well No: 2H

Well will be 321 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

BOBBY C & WANDA L CASTLE, TRUSTEES OF THE CASTLE FAMILY TRUST
2405 SW 124TH ST
OKLAHOMA CITY OK 73170

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	8795
2	WOODFORD	319WDFD	8825
3	HUNTON	269HNTN	8980

Spacing Orders: 682225
693110
730829

Location Exception Orders: 730746

Increased Density Orders: 730744
730745

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 21200

Ground Elevation: 1277

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 1010

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: 21	Township: 9N	Range: 4W	Meridian: IM	Total Length: 10500
	County: MCCLAIN			Measured Total Depth: 21200
Spot Location of End Point:	SE	SW	SE	SW
	Feet From: SOUTH		1/4 Section Line: 50	True Vertical Depth: 9150
	Feet From: WEST		1/4 Section Line: 1885	End Point Location from Lease, Unit, or Property Line: 50

NOTES:

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.

Category	Description
DEEP SURFACE CASING	[3/21/2023 - 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>[3/21/2023 - 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 6000NHF 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 - 730744	<p>[3/22/2023 - G56] - (I.O.) 16-9N-4W X682225 WDFD 3 WELLS EOG RESOURCES, INC 12/16/2022</p>
INCREASED DENSITY - 730745	<p>[3/22/2023 - G56] - (I.O.) 21-9N-4W X693110 WDFD 3 WELLS EOG RESOURCES, INC 12/16/2022</p>
LOCATION EXCEPTION - 730746	<p>[3/22/2023 - G56] - (I.O.) 16 & 21-9N-4W X682225 MSSP, WDFD, HNTN 16-9N-4W X693110 MSSP, WDFD, HNTN 21-9N-4W COMPL INT (16-9N-4W) NCT 165' FNL, NCT 0' FSL, NCT 1320' FWL COMPL INT (21-9N-4W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FWL EOG RESOURCES, INC 12/16/2022</p>
MEMO	[3/21/2023 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - POND CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 682225	<p>[3/22/2023 - G56] - (640)(HOR) 16-9N-4W VAC 497555 MISS, HNTN EST MSSP, WDFD, HNTN COMPL INT (MSSP, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL</p>
SPACING - 693110	<p>[3/22/2023 - G56] - (640)(HOR) 21-9N-4W VAC 84871/85471 HNTN EST MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>
SPACING - 730829	<p>[3/22/2023 - G56] - (I.O.) 16 & 21-9N-4W EST MULTIUNIT HORIZONTAL WELL X682225 MSSP, WDFD, HNTN 16-9N-4W X693110 MSSP, WDFD, HNTN 21-9N-4W (MSSP, HNTN ARE ADJACENT CSS TO WDFD) 50% 16-9N-4W 50% 21-9N-4W EOG RESOURCES, INC 12/20/2022</p>