

API NUMBER: 051 24958

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

Approval Date: 08/31/2022
Expiration Date: 02/29/2024

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 25 Township: 4N Range: 5W County: GRADY

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 511 1615

Lease Name: ERNIE 0405 Well No: 2-25-24SXH Well will be 511 feet from nearest unit or lease boundary.
Operator Name: MARATHON OIL COMPANY Telephone: 866622378 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
990 TOWN & COUNTRY BLVD
HOUSTON, TX 77024-2217

BOBBY AND JANICE BRUTON LIVING TRUST
BOBBY BRUTON AND JANICE BRUTON
P O BOX 925
LINDSAY OK 73052

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

Name	Code	Depth
1 SPRINGER	401SPRG	12736

Spacing Orders: 218926
681039

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202203031
202203032
202203026
202203027

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 23424 Ground Elevation: 1129

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 520

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: 22-38504
F. Haul to Commercial soil farming facility	Sec. 28 Twn. 2N Rng. 4W Cnty. 137 Order No: 665063	
H. (Other)	SEE MEMO	

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: 24	Township: 4N	Range: 5W	Meridian: IM	Total Length: 10238
	County: GRADY			Measured Total Depth: 23424
Spot Location of End Point: NW	NE	NW	NW	True Vertical Depth: 13228
Feet From: NORTH		1/4 Section Line: 165		End Point Location from
Feet From: WEST		1/4 Section Line: 880		Lease, Unit, or Property Line: 165

NOTES:

Category	Description
DEEP SURFACE CASING	[8/26/2022 - 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>[8/26/2022 - 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 6000NHF 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>
MEMO	[8/26/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202203026	<p>[8/30/2022 - G56] - 24-4N-5W X681039 SPRG 1 WELL NO OP NAMED REC 8/23/2022 (P. PORTER)</p>
PENDING CD - 202203027	<p>[8/30/2022 - G56] - 25-4N-5W X218926 SPRG 2 WELLS NO OP NAMED REC 8/23/2022 (P. PORTER)</p>
PENDING CD - 202203031	<p>[8/30/2022 - G56] - (I.O.) 24 & 25-4N-5W EST MULTIUNIT HORIZONTAL WELL X681039 SPRG 24-4N-5W X218926 SPRG 25-4N-5W 40% 25-4N-5W 60% 24-4N-5W NO OP NAMED REC 8/23/2022 (P. PORTER)</p>
PENDING CD - 202203032	<p>[8/30/2022 - G56] - (I.O.) 24 & 25-4N-5W X681039 SPRG 24-4N-5W X218926 SPRG 25-4N-5W COMPL INT (25-4N-5W) NCT 0' FNL, NCT 990' FSL, NCT 330' FWL COMPL INT (24-4N-5W) NCT 150' FNL, NCT 0' FSL, NCT 330' FWL*** NO OP NAMED REC 8/23/2022 (P. PORTER)</p> <p>*** WILL BE AMENDED TO NCT 165' FNL PER ATTORNEY FOR OPERATOR;</p>
SPACING - 218926	<p>[8/30/2022 - G56] - (640) 25-4N-5W EST OTHERS EXT 162653 SPRG, OTHERS</p>
SPACING - 681039	<p>[8/30/2022 - G56] - (640)(HOR) 24-4N-5W EXT OTHERS VAC 649889 SPRG, OTHERS EXT 659775 SPRG POE TO BHL NLT 660' FB</p>
WATERSHED STRUCTURE	[8/26/2022 - GC2] - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING