

API NUMBER: 051 24757 A

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

Approval Date: 05/10/2023

Expiration Date: 11/10/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 05 Township: 6N Range: 5W County: GRADY

SPOT LOCATION: ☐ SW ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 373 1061

Lease Name: MARY B 0605

Well No: 4-5-8WXH

Well will be 373 feet from nearest unit or lease boundary.

Operator Name: MARATHON OIL COMPANY

Telephone: 8666622378

OTC/OCC Number: 1363 0

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

LAWRENCE RAY NABORS
PO BOX 1452
BLANCHARD OK 73010

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	12175
2	WOODFORD	319WDFD	12341
3	HUNTON	269HNTN	12509

Spacing Orders: 581830
554702
131103
153801

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202301331
202301330
202301324
202301322
202301333

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 22362

Ground Elevation: 1134

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 340

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: 23-38983

H. (Other)

SEE MEMO

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: 8 Township: 6N Range: 5W Meridian: 1M

County: GRADY

Spot Location of End Point: SW SE SW SE

Feet From: **SOUTH** 1/4 Section Line: 50Feet From: **EAST** 1/4 Section Line: 1794

Total Length: 9757

Measured Total Depth: 22362

True Vertical Depth: 12853

End Point Location from
Lease, Unit, or Property Line: 50

Additional Surface Owner(s)	Address	City, State, Zip
NAN JOANNE CHAIN	2412 LANIER DR.	WEATHERFORD, OK 73096
NAN JOANNE CHAIN	2412 LANIER DR.	CHICKASHA, OK 73018
NAN JOANNE CHAIN	2412 LANIER DR.	CHICKASHA, OK 73018
NAN JOANNE CHAIN	2412 LANIER DR.	CHICKASHA, OK 73018
NAN JOANNE CHAIN	2412 LANIER DR.	CHICKASHA, OK 73018
NAN JOANNE CHAIN	2412 LANIER DR.	OKLAHOMA CITY, OK 73162
NAN JOANNE CHAIN	2412 LANIER DR.	SEATTLE, WA 98116

NOTES:

Category	Description
DEEP SURFACE CASING	[4/20/2023 - 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>[4/20/2023 - 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>
MEMO	[4/20/2023 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202301322	<p>[5/9/2023 - GB1] - 5-6N-5W X581830 WDFD 2 WELLS NO OP NAMED REC 5/9/23 (PRESLAR)</p>
PENDING CD - 202301324	<p>[5/9/2023 - GB1] - 8-6N-5W X554702 WDFD 2 WELLS NO OP NAMED REC 5/9/23 (PRESLAR)</p>
PENDING CD - 202301330	<p>[5/9/2023 - GB1] - (I.O.) 5 & 8-6N-5W EST MULTIUNIT HORIZONTAL WELL X581830 WDFD, MSSP 5-6N-5W X113103 HNTN 5 & 8-6N-5W X554702 WDFD 8-6N-5W X153801 MSSP 8-6N-5W (MSSP, HNTN ADJ CSS TO WDFD) 50% 5-6N-5W 50% 8-6N-5W NO OP. NAMED REC 5/9/23 (PRESLAR)</p>
PENDING CD - 202301331	<p>[5/9/2023 - GB1] - (I.O.) 5 & 8-6N-5W X581830 WDFD, MSSP 5-6N-5W X113103 HNTN 5 & 8-6N-5W X554702 WDFD 8-6N-5W X153801 MSSP 8-6N-5W COMPL INT (5-6N-5W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL COMPL INT (8-6N-5W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL NO OP. NAMED REC 5/9/23 (PRESLAR)</p>
PENDING CD - 202301333	<p>[5/9/2023 - GB1] - (I.O.) 5 & 8-6N-5W X165:10-3-28(C)(2)(B) WDFD (MARY B 0605 4-5-8WXH) MAY BE CLOSER THAN 600' TO HUDSON 1-5, CARR TRUST 1-8, BEUTLER TRUST 1-8H NO OP NAMED REC 5/9/23 (PRESLAR)</p>
SAPCING - 554702	<p>[5/9/2023 - GB1] - (640) 8-6N-5W EST WDFD</p>
SPACING - 131103	<p>[5/9/2023 - GB1] - (640) 5 & 8-6N-5W EXT 106361 HNTN, OTHERS</p>
SPACING - 153801	<p>[5/9/2023 - GB1] - (640) 8-6N-5W EXT OTHER EXT 147146 MSSP, OTHERS</p>
SPACING - 581830	<p>[5/9/2023 - GB1] - (640) 5-6N-5W EXT OTHER EXT 188337 MSSP, OTHER EXT 576253 WDFD</p>

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051 24757 MARY B 0605 4-5-8WXH