

API NUMBER: 051 24834

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

Approval Date: 05/19/2021  
Expiration Date: 11/19/2022

Multi Unit Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 24 Township: 4N Range: 6W County: GRADY

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 264 2208

Lease Name: KEM RANCH 0406 Well No: 5-24-25WXH Well will be 264 feet from nearest unit or lease boundary.  
Operator Name: MARATHON OIL COMPANY Telephone: 866622378 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY  
5555 SAN FELIPE ST  
HOUSTON, TX 77056

PATRICIA LYNN GAWTHROP  
25852 UNDERWOOD AVE.  
HAYWARD CA 94544

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	14905
2	WOODFORD	319WDFD	15286
3	HUNTON	269HNTN	15526

Spacing Orders: 403850 Location Exception Orders: 717708 Increased Density Orders: 717636  
184773 717637  
146081  
654359  
655630  
654158  
717640

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 25447 Ground Elevation: 1197

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 350

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: 21-37619  
H. (Other) SEE MEMO  
G. Haul to recycling/re-use facility Sec. 28 Twn. 2N Rng. 4W Cnty. 137 Order No: 702000

**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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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 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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

**MULTI UNIT HOLE 1**

Section: 25 Township: 4N Range: 6W Meridian: IM

Total Length: 9822

County: GRADY

Measured Total Depth: 25447

Spot Location of End Point: SW SW SE SW

True Vertical Depth: 15877

Feet From: **SOUTH** 1/4 Section Line: 50End Point Location from  
Lease, Unit, or Property Line: 50Feet From: **WEST** 1/4 Section Line: 1385

Additional Surface Owner(s)	Address	City, State, Zip
RICHARD A. ADKINS	11112 CLARIBEL ROAD	OAKDALE, CA 95361

**NOTES:**

Category	Description
DEEP SURFACE CASING	[5/14/2021 - 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	[5/14/2021 - 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 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;  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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a> ; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
INCREASED DENSITY - 717636	[5/18/2021 - GC2] - 24-4N-6W X403850 WDFD 5 WELLS NO OP. NAMED 4-7-2021
INCREASED DENSITY - 717637	[5/18/2021 - GC2] - 25-4N-6W X184773 WDFD 5 WELLS NO OP NAMED 4-7-2021
LOCATION EXCEPTION - 717708 (202100145)	[5/18/2021 - GC2] - (I.O.) 24 & 25-4N-6W X654359/655630 MSSP 24-4N-6W X654158 MSSP 25-4N-6W X403850 WDFD 24-4N-6W X184773 WDFD 25-4N-6W X146081 HNTN 24 & 25-4N-6W COMPL. INT. (24-4N-6W) NCT 150' FNL, NCT 0' FSL, NCT 990' FWL COMPL. INT. (25-4N-6W) NCT 0' FNL, NCT 150' FSL, NCT 990' FWL NO OP. NAMED 4-12-2021
MEMO	[5/14/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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.

SPACING - 146081	[5/18/2021 - GC2] - (640) 24 & 25-4N-6W EXT OTHERS EST HNTN, SCMR (VAC BY 654359 SCMR 24-4N-6W) (VAC BY 654158 SCMR 25-4N-6W)
SPACING - 184773	[5/18/2021 - GC2] - (640) 25-4N-6W EST WDFD
SPACING - 403850	[5/18/2021 - GC2] - (640) 24-4N-6W EST WDFD
SPACING - 654158	[5/18/2021 - GC2] - (640) 25-4N-6W VAC 146081 SCMR EST MSSP
SPACING - 654359	[5/18/2021 - GC2] - (640) 24-4N-6W VAC 146081 SCMR EST MSSP
SPACING - 655630	[5/18/2021 - GC2] - AMND TO PROPER NOTICE THE ONLY RESPONDENT
SPACING - 717640 (202100144)	[5/18/2021 - GC2] - (I.O.) 24 & 25-4N-6W ESTABLISH MULTIUNIT HORIZONTAL WELL X654359/655630 MSSP 24-4N-6W X654158 MSSP 25-4N-6W X403850 WDFD 24-4N-6W X184773 WDFD 25-4N-6W X146081 HNTN 24 & 25-4N-6W (MSSP, HNTN ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 24-4N-6W 50% 25-4N-6W NO OP. NAMED 4-7-2021

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.