

API NUMBER: 051 24991

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

Approval Date: 12/06/2022
Expiration Date: 06/06/2024

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 19 Township: 3N Range: 5W County: GRADY

SPOT LOCATION: ☐ SE ☐ SW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1000 1699

Lease Name: GRACE 0305 Well No: 1-18-7SXH Well will be 1000 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

SHERRY MURPHREE
1109 CRESCENT DR.
NORMAN OK 73533

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

Name	Code	Depth
1 GODDARD (LESS SPRINGER)	401GRDLS	12190

Spacing Orders: 421492
418506

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202204541
202204542

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 23462 Ground Elevation: 1197

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 660

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: 22-38741
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: 7	Township: 3N	Range: 5W	Meridian: IM	Total Length: 11008	
	County: GRADY			Measured Total Depth: 23462	
Spot Location of End Point: NW	NW	NW	NW	True Vertical Depth: 12765	
Feet From: NORTH		1/4 Section Line: 50		End Point Location from	
Feet From: WEST		1/4 Section Line: 316		Lease, Unit, or Property Line: 50	

NOTES:	
Category	Description
DEEP SURFACE CASING	[12/5/2022 - 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	[12/5/2022 - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS ; 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 FRACFOCUS.ORG
MEMO	[12/5/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - RUSH CREEK SITE), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202204541	[12/6/2022 - G56] - (I.O.) 7 & 18-3N-5W EST MULTIUNIT HORIZONTAL WELL X421492 GRDLS 7-3N-5W X418506 GRDLS 18-3N-5W 50% 7-3N-5W 50% 18-3N-5W NO OP NAMED REC 11/29/2022 (MYLES)
PENDING CD - 202204542	[12/6/2022 - G56] - (I.O.) 7 & 18-3N-5W X421492 GRDLS 7-3N-5W X418506 GRDLS 18-3N-5W COMPL INT (7-3N-5W) NCT 0' FSL, NCT 165' FNL, NCT 360' FWL COMPL INT (18-3N-5W) NCT 165' FSL, NCT 0' FNL, NCT 1650' FEL/FWL NO OP NAMED REC 11/29/2022 (MYLES)
SPACING - 418506	[12/6/2022 - G56] - (640) 18-3N-5W EST GRDLS
SPACING - 421492	[12/6/2022 - G56] - (640) 7-3N-5W EST EXT 418506
WATERSHED STRUCTURE	[12/5/2022 - 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

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051 24991 GRACE 0305 1-18-7SXH