

API NUMBER: 049 25376

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

Approval Date: 07/26/2022
Expiration Date: 01/26/2024

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 33 Township: 1N Range: 3W County: GARVIN

SPOT LOCATION: ☐ SW ☐ NE ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1655 600

Lease Name: MOONRAKER Well No: 2-33-32XHM Well will be 600 feet from nearest unit or lease boundary.
Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349000; 4052349000; OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC

OKLAHOMA CITY, OK 73126

JOE KENAN CARRAWAY III & ETHEL LEE CARRAWAY SMITH

130 GREENBRIER

SIKESTON MO 63801

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

	Name	Code	Depth
1	SYCAMORE	352SCMR	7747
2	WOODFORD	319WDFD	8012

Spacing Orders: 725429
726141

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202202300
202202301
202202302
202202794

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 18078 Ground Elevation: 967

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 820

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: 22-38300

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: GARBER

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: GARBER

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: 32	Township: 1N	Range: 3W	Meridian: IM	Total Length: 10000
	County: GARVIN			Measured Total Depth: 18078
Spot Location of End Point:	NW	NW	SW	NW
				True Vertical Depth: 9000
Feet From: NORTH		1/4 Section Line: 1500		End Point Location from
Feet From: WEST		1/4 Section Line: 50		Lease, Unit, or Property Line: 50

NOTES:

Category	Description
DEEP SURFACE CASING	[6/29/2022 - 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>[6/29/2022 - 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	[6/29/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - WILDHORSE CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING -CD2022-002301	<p>[7/26/2022 - GB6] - (E.O.) 32 & 33 -1N-4W X725429 SCMR, WDFD 32-1N-3W X726141 SCMR, WDFD 33-1N-3W COMPL. INT. (33-1N-3W) NCT 1500' FNL, NCT 150' FEL, NCT 0' FWL COMPL. INT. (32-1N-3W) NCT 1500' FNL, NCT 0' FEL, NCT 150' FWL NO OPER. NAMED REC. 07/15/2022 (P. PORTER)</p>
PENDING – CD2022-002300	<p>[7/26/2022 - GB6] - (E.O.) 32 & 33 -1N-4W EST MULTIUNIT HORIZONTAL WELL X725429 SCMR, WDFD 32-1N-3W X726141 SCMR, WDFD 33-1N-3W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO SCMR) 50% 32-1N-3W 50% 33-1N-3W NO OPER. NAMED REC. 07/15/2022 (P. PORTER)</p>
PENDING – CD2022-002302	<p>[7/26/2022 - GB6] - (E.O.) 32-1N-3W X725429 SCMR 2 WELLS NO OPER. NAMED REC. 07/15/2022 (P. PORTER)</p>
PENDING – CD2022-002794	<p>[7/26/2022 - GB6] - (E.O.) 33-1N-3W X726141 SCMR 1 WELL NO OPER. NAMED REC. 07/22/2022 (HUBER)</p>
SPACING – 725429	<p>[7/26/2022 - GB6] - (640)(HOR) 32-1N-3W VAC 29265/259400 SCMR SE4 SE4 32-1N-3W VAC 255338 SCMR N2 NW4, N2 NE4, S2 NW4, N2 SW4, N2 SE4 32-1N-3W VAC 357687 SCMR, WDFD S2 SW4 32-1N-3W EXT 590936 SCMR, WDFD COMPL. INT. (SCMR) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 330' FEL, NCT 165' FNL, NCT 330' FWL (COEXIST EXISTING NON-HORIZONTAL SPACING UNITS)</p>
SPACING – 726141 (CD2022-000016)	<p>[7/26/2022 - GB6] - (640)(HOR) 33-1N-3W EST SCMR, WDFD COMPL. INT. (SCMR) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 330' FEL, NCT 165' FNL, NCT 330' FWL (COEXIST SP. ORDER# 255338 SCMR, WDFD)</p>
WATERSHED STRUCTURE	[6/29/2022 - GC2] - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 238-6767 EXT. 3 PRIOR TO DRILLING

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049 25376 MOONRAKER 2-33-32XHM