

API NUMBER: 049 25422

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

Approval Date: 06/14/2023

Expiration Date: 12/14/2024

Multi Unit

Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 32 Township: 1N Range: 3W County: GARVIN

SPOT LOCATION: ☐ NE ☐ SE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 715 300

Lease Name: BUTCH CASSIDY Well No: 2-28-21XHM Well will be 300 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 73126-8870

S & J OPERATING COMPANY

3415 MCNEIL AVE

ST. 1028

WICHITA FALLS TX 76308

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

	Name	Code	Depth
1	MISSISSIPPIAN UNDERTHRUST	359MPUTD	7486
2	SYCAMORE	352SCMR	7845
3	WOODFORD UNDERTHRUST	319WDUTD	8243
4	WOODFORD	319WDFD	8243

Spacing Orders: 722191  
590937

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202301608  
202301609  
202301612  
202301613

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 15377 Ground Elevation: 973

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 1080

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: 23-38975

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: 21	Township: 1N	Range: 3W	Meridian: IM	Total Length: 7200
	County: GARVIN			Measured Total Depth: 15377
Spot Location of End Point: N2	SW	NW	SW	True Vertical Depth: 8400
Feet From: <b>SOUTH</b>		1/4 Section Line: 1950		End Point Location from
Feet From: <b>WEST</b>		1/4 Section Line: 330		Lease, Unit, or Property Line: 330

**NOTES:**

Category	Description
DEEP SURFACE CASING	[5/25/2023 - 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>[5/25/2023 - 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: <a href="https://oklahoma.gov/occ/divisions/oil-gas/ogcd-forms">HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS</a>; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
MEMO	[5/25/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING - CD2023-001608	<p>[5/26/2023 - GB7] - (I.O.) SW4, SW4 NW4, W2 SE4 NW4, SW4 NW4 NW4, W2 SE4 NW4 NW4, NW4 NW4 NW4 21-1N-3W &amp; 28-1N-3W EST MULTIUNIT HORIZONTAL WELL X722191 MPUTD, WDUTD 21-1N-3W SW4, SW4 NW4, W2 SE4 NW4, SW4 NW4 NW4, W2 SE4 NW4 NW4, NW4 NW4 NW4 21-1N-3W X590937 SCMR, WDFD 28-1N-3W 30% 21-1N-3W 70% 28-1N-3W CONTINENTAL RESOURCES INC REC 06/06/2023 (PORTER)</p>
PENDING - CD2023-001609	<p>[5/26/2023 - GB7] - (I.O.) SW4, SW4 NW4, W2 SE4 NW4, SW4 NW4 NW4, W2 SE4 NW4 NW4, NW4 NW4 NW4 21-1N-3W &amp; 28-1N-3W X722191 MPUTD, WDUTD 21-1N-3W SW4, SW4 NW4, W2 SE4 NW4, SW4 NW4 NW4, W2 SE4 NW4 NW4, NW4 NW4 NW4 21-1N-3W X590937 SCMR, WDFD 28-1N-3W COMPL. INT. NCT 0' FNL, NCT 165' FSL, MCT 330' FWL (28-1N-3W) COMPL. INT. NCT 660' FNL, NCT 0' FSL, MCT 330' FWL (21-1N-3W) CONTINENTAL RESOURCES INC REC 06/13/2023 (MILLER)</p>
PENDING - CD2023-001612	<p>[5/26/2023 - GB7] - (I.O.) SW4, SW4 NW4, W2 SE4 NW4, SW4 NW4 NW4, W2 SE4 NW4 NW4, NW4 NW4 NW4 21-1N-3W X722191 MPUTD 2 WELLS CONTINENTAL RESOURCES INC REC 06/06/2023 (PORTER)</p>
PENDING - CD2023-001613	<p>[5/26/2023 - GB7] - (I.O.) 28-1N-3W X590937 SCMR 2 WELLS CONTINENTAL RESOURCES INC REC 06/06/2023 (PORTER)</p>
SPACING - 590937	<p>[5/26/2023 - GB7] - (640)(HOR) 28-1N-3W VAC 273575 SCMR, WDFD, OTHER EST SCMR, WDFD, OTHER COMPL. INT. 660' FB</p>
SPACING - 722191	<p>[5/26/2023 - GB7] - (245)(HOR)(IRR) SW4, SW4 NW4, W2 SE4 NW4, SW4 NW4 NW4, W2 SE4 NW4 NW4, NW4 NW4 NW4 21-1N-3W EST MPUTD, WDUTD COMPL. INT. NLT 660' FB (MPUTD) COMPL. INT. NLT 165' FNL/FSL, NLT 330' FEL/FWL (WDUTD)</p>