

API NUMBER: 049 25387 A

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

Approval Date: 10/13/2022

Expiration Date: 04/13/2024

Multi Unit Oil & Gas

Amend reason: UPDATE OCC ORDERS

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 32 Township: 1N Range: 1E County: GARVIN

SPOT LOCATION: NW SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 408 810

Lease Name: DALWHINNIE Well No: 1-5-4-3XHW Well will be 408 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

STANLEY D. HEFLEY

PO BOX 747

DAVIS OK 73030

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

	Name	Code	Depth
1	SYCAMORE	352SCMR	11154
2	WOODFORD	319WDFD	11347
3	HUNTON	269HNTN	11506

Spacing Orders: 729873  
729874  
729875

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202203672  
202203673

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

Special Orders: No Special

Total Depth: 23674 Ground Elevation: 982

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 70

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: 22-38595  
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: WELLINGTON

**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: WELLINGTON

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: 3	Township: 1S	Range: 1E	Meridian: IM	Total Length: 12041
	County: MURRAY			Measured Total Depth: 23674
Spot Location of End Point: E2	NE	NE	NE	True Vertical Depth: 12000
Feet From: <b>NORTH</b>		1/4 Section Line: 330		End Point Location from
Feet From: <b>EAST</b>		1/4 Section Line: 165		Lease, Unit, or Property Line: 165

**NOTES:**

Category	Description
DEEP SURFACE CASING	[10/6/2022 - 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>[10/6/2022 - 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</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	[10/6/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING - CD2022-003672	<p>[10/7/2022 - GB6] - (E.O.) 3 &amp; 4 &amp; 5 -1S-1E  EST MULTIUNIT HORIZONTAL WELL  X729873 SCMR, WDFD, HNTN 3-1S-1E  X729874 SCMR, WDFD, HNTN 4-1S-1E  X729875 SCMR, WDFD, HNTN 5-1S-1E  (SCMR, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)  41% 3-1S-1E  41% 4-1S-1E  18% 5-1S-1E  NO OPER. NAMED  REC. 12/16/2022 (BEESE)</p>
PENDING - CD2022-003673	<p>[10/7/2022 - GB6] - (E.O.) 3, 4, 5 -1S-1E  X729873 SCMR, WDFD, HNTN 3-1S-1E  X729874 SCMR, WDFD, HNTN 4-1S-1E  X729875 SCMR, WDFD, HNTN 5-1S-1E  COMPL. INT. (5-1S-1E) NCT 660' FWL, NCT 0' FEL, NCT 330' FNL  COMPL. INT. (4-1S-1E) NCT 0' FWL, NCT 0' FEL, NCT 330' FNL  COMPL. INT. (3-1S-1E) NCT 0' FWL, NCT 165' FEL, NCT 330' FNL  NO OPER. NAMED  REC. 12/16/2022 (BEESE)</p>
SPACING - 729873 (CD2022-003669)	<p>[10/7/2022 - GB6] - (640)(HOR) 3-1S-1E  EST SCMR, WDFD, HNTN  COMPL. INT. (SCMR, HNTN) NCT 660' FB  COMPL. INT. (WDFD) NCT 165' FWL, NCT 165' FEL, NCT 330' FNL, NCT 330' FSL  (COEXIST SP. ORDER# 147654 SCMBO, WDFBO, HNTBO W2 3-1S-1E)</p>
SPACING - 729874 (CD2022-003670)	<p>[10/7/2022 - GB6] - (640)(HOR) 4-1S-1E  EST SCMR, WDFD, HNTN  COMPL. INT. (SCMR, HNTN) NCT 660' FB  COMPL. INT. (WDFD)(NORTH/SOUTH LATERAL) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL  COMPL. INT. (WDFD)(EAST/WEST LATERAL) NCT 165' FWL, NCT 165' FEL, NCT 330' FNL, NCT 330' FSL  (COEXIST SP. ORDER# 147654 SCMBO, WDFBO, HNTBO 4-1S-1E)</p>
SPACING - 729875 (CD2022-003671)	<p>[10/7/2022 - GB6] - (640)(HOR) 5-1S-1E  EST SCMR, WDFD, HNTN  COMPL. INT. (SCMR, HNTN) NCT 660' FB  COMPL. INT. (WDFD)(NORTH/SOUTH LATERAL) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL  COMPL. INT. (WDFD)(EAST/WEST LATERAL) NCT 165' FWL, NCT 165' FEL, NCT 330' FNL, NCT 330' FSL  (COEXIST SP. ORDER# 147654 SCMBO, WDFBO, HNTBO 5-1S-1E)</p>

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.

049 25387 DALWHINNIE 1-5-4-3XHW