

API NUMBER: 049 25387

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

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: No Spacing Location Exception Orders: No Exceptions Increased Density Orders: No Density

Pending CD Numbers: 202203669
202203670
202203671
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: NORTH		1/4 Section Line: 330		End Point Location from
Feet From: EAST		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 6000NH 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	[10/6/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING - CD2022-003669	<p>[10/7/2022 - GB6] - (I.O.)(640)(HOR) 3-1S-1E EST SCMR, WDFD, HNTN COMPL. INT. (SCMR, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL (COEXIST SP. ORDER# 147654 SCMBO, WDFBO, HNTBO W2 3-1S-1E) REC. 10/03/2022 (BEESE)</p>
PENDING - CD2022-003670	<p>[10/7/2022 - GB6] - (I.O.)(640)(HOR) 4-1S-1E EST SCMR, WDFD, HNTN COMPL. INT. (SCMR, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL (COEXIST SP. ORDER# 147654 SCMBO, WDFBO, HNTBO 4-1S-1E) REC. 10/03/2022 (BEESE)</p>
PENDING - CD2022-003671	<p>[10/7/2022 - GB6] - (I.O.)(640)(HOR) 5-1S-1E EST SCMR, WDFD, HNTN COMPL. INT. (SCMR, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL (COEXIST SP. ORDER# 147654 SCMBO, WDFBO, HNTBO 5-1S-1E) REC. 10/03/2022 (BEESE)</p>
PENDING - CD2022-003672	<p>[10/7/2022 - GB6] - (I.O.) 3 & 4 & 5 -1S-1E EST MULTIUNIT HORIZONTAL WELL XCD2022-003669 SCMR, WDFD, HNTN 3-1S-1E XCD2022-003670 SCMR, WDFD, HNTN 4-1S-1E XCD2022-003671 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. 10/03/2022 (BEESE)</p>
PENDING - CD2022-003673	<p>[10/7/2022 - GB6] - (I.O.) 3, 4, 5 -1S-1E XCD2022-003669 SCMR, WDFD, HNTN 3-1S-1E XCD2022-003670 SCMR, WDFD, HNTN 4-1S-1E XCD2022-003671 SCMR, WDFD, HNTN 5-1S-1E COMPL. INT. (5-1S-1E) NCT 1320' FWL, NCT 0' FEL, NCT 660' FSL COMPL. INT. (4-1S-1E) NCT 0' FWL, NCT 0' FEL, NCT 660' FSL COMPL. INT. (3-1S-1E) NCT 0' FWL, NCT 165' FEL, NCT 660' FSL NO OPER. NAMED REC. 10/03/2022 (BEESE)</p>