

API NUMBER: 049 25386

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

Approval Date: 09/19/2022

Expiration Date: 03/19/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 13 Township: 1N Range: 2W County: GARVIN

SPOT LOCATION: ☐ SE ☐ NE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 815 1075

Lease Name: HIGHLANDS Well No: 1-13-18-17XHW Well will be 815 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

DORIS SHIRLEY

PO BOX 222

ELMORE CITY OK 73433

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

	Name	Code	Depth
1	SYCAMORE	352SCMR	11612
2	WOODFORD	319WDFD	11692
3	HUNTON	269HNTN	11959

Spacing Orders: 169883
172043
513943
514851
728418

Location Exception Orders: 728419

Increased Density Orders: No Density

Pending CD Numbers: 202202890

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 22496

Ground Elevation: 991

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 350

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: 22-38422

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: 17	Township: 1N	Range: 1W	Meridian: IM	Total Length: 10500	
County: GARVIN			Measured Total Depth: 22496		
Spot Location of End Point:	C	S2	SW	True Vertical Depth: 13277	
Feet From: SOUTH	1/4 Section Line: 660			End Point Location from	
Feet From: WEST	1/4 Section Line: 1320			Lease,Unit, or Property Line: 660	

NOTES:

Category	Description
DEEP SURFACE CASING	[8/18/2022 - 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>[8/18/2022 - 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>
LOCATION EXCEPTION - 728419	<p>[9/19/2022 - GB1] - (I.O.) 17 & 18-1N-1W, 13-1N-2W X513943/514851 SCMR, WDFD, HNTN 13-1N-2W X169883/172043 SCMR, WDFD, HNTN 17 & 18-1N-1W COMPL INT (13-1N-2W) NCT 0' FEL, NCT 165' FWL, NCT 330' FSL COMPL INT (18-1N-1W) NCT 0' FWL, NCT 0' FEL, NCT 330' FSL COMPL INT (17-1N-1W) NCT 0' FWL, NCT 1320' FWL, NCT 330' FSL CONTINENTAL RESOURCES, INC 9/13/2022</p>
MEMO	[8/18/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202202890	<p>[9/19/2022 - GB1] - 17-1N-1W X169883/172043 WDFD 1 WELL NO OP NAMED REC 8/15/2022 (BEESE)</p>
SPACING - 169883	[9/19/2022 - GB1] - (640) 18 & 17-1N-1W EXT 161935 SCMR, WDFD, HNTN, OTHERS
SPACING - 172043	[9/19/2022 - GB1] - NPT PARAGRAPH 1 OF #169883 TO CORRECTLY STATE SIZE OF UNIT SPACED 640 ACRES
SPACING - 513943	[9/19/2022 - GB1] - (640)13-1N-2W EXT 169883/172043 SCMR, WDFD, HNTN, OTHERS
SPACING - 514851	[9/19/2022 - GB1] - NPT PARAGRAPH 1 OF #513943 TO CORRECT TOWNSHIP TO T1N IN EXTENSION
SPACING - 728418	<p>[9/19/2022 - GB1] - (I.O.) 17 & 18-1N-1W, 13-1N-2W EST MULTIUNIT HORIZONTAL WELL X513943/514851 SCMR, WDFD, HNTN 13-1N-2W X169883/172043 SCMR, WDFD, HNTN 17 & 18-1N-1W (SCMR, HNTN ADJ CSS TO WDFD) 39% 13-1N-2W 49% 18-1N-1W 12% 17-1N-1W NO OP NAMED 9/13/2022</p>

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049 25386 HIGHLANDS 1-13-18-17XHW