

API NUMBER: 137 27604

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

Approval Date: 03/02/2020  
Expiration Date: 03/02/2022

Multi Unit Oil & Gas

**PERMIT TO DRILL**

**Extended**

WELL LOCATION: Section: 15 Township: 2N Range: 4W County: STEPHENS

SPOT LOCATION: ☐ NW ☐ NE ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 1630 445

Lease Name: VANARKEL Well No: 9-15-10XHS Well will be 445 feet from nearest unit or lease boundary.  
Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349020; 4052349000; OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC  
PO BOX 268870  
OKLAHOMA CITY, OK 73126-8870

PUMPING UNIT SERVICE INC.  
PO BOX 712  
LINDSAY OK 73052

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

Name	Code	Depth
1 SPRINGER	401SPRG	12800

Spacing Orders: 131585  
601726

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202000297  
202000301  
202000302

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

Special Orders: No Special Orders

Total Depth: 17842 Ground Elevation: 1163

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 560

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: 20-37253

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: 3000 Average: 2000

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:** DUNCAN

**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:** DUNCAN

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: 10	Township: 2N	Range: 4W	Meridian: IM	Total Length: 6877	
	County: STEPHENS			Measured Total Depth: 17842	
Spot Location of End Point: N2	NE	NE	NE	True Vertical Depth: 12800	
Feet From: <b>NORTH</b>		1/4 Section Line: 30		End Point Location from	
Feet From: <b>EAST</b>		1/4 Section Line: 330		Lease, Unit, or Property Line: 30	

NOTES:	
Category	Description
DEEP SURFACE CASING	2/13/2020 - G71 - 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	2/13/2020 - G71 - OCC 165:10-3-10 REQUIRES:  1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;  2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; AND,  3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
MEMO	2/13/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000297	3/2/2020 - GB1 - 15-2N-4W X601726 SPRG 4 WELLS NO OP. NAMED REC 2/24/2020 (DENTON)
PENDING CD - 202000301	3/2/2020 - GB1 - (I.O.) 15 & 10-2N-4W EST MULTIUNIT HORIZONTAL WELL X601726 SPRG 15-2N-4W X131585 SPRG 10-2N-4W 33% 15-2N-4W 67% 10-2N-4W NO OP NAMED REC 2/24/2020 (DENTON)
PENDING CD - 202000302	3/2/2020 - GB1 - (I.O.) 15 & 10-2N-4W X601726 SPRG 15-2N-4W X131585 SPRG 10-2N-4W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING AND/OR PROPOSED WELLBORE COMPL INT (15-2N-4W) NCT 1320' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (10-2N-4W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP NAMED REC 2/24/2020 (DENTON)
SPACING - 131585	3/2/2020 - GB1 - (640) 10-2N-4W EST SPRG, OTHERS
SPACING - 601726	3/2/2020 - GB1 - (640) 15-2N-4W EXT 131585 SPRG, OTHERS EXT OTHERS

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.

137 27604 VANARKEL 9-15-10XHS



Continental Resources, Inc.

PO Box 268870

Oklahoma City, OK 73102

Attention: Ms Virginia Hullinger

Oklahoma Corporation Commission

Oil &amp; Gas Conservation Division

Jim Thorpe Building

2101 N. Lincoln Blvd.

Oklahoma City, OK 73105

RECEIVED

JUL 22 2021

OKLAHOMA CORPORATION  
COMMISSION

Approved for 6 Month

Extension From

9/2/217/23/21

RE: Request for Six (6) Month extension on the approved permits for the wells referenced below. All information included on the permit remains the same. We understand the extension will be granted for only one six-month period and once that period has elapsed, the permit and fee must be re-filed.

<u>WELL NAME</u>	<u>API NUMBER</u>	<u>EXPIRATION DATE</u>
Honeycutt 11-15-22XHS	137-27603	Expires 8/26/2021
Honeycutt 12-15-22XHS	137-27602	Expires 8/26/2021
Vanarkel 8-15-10XHS	137-27605	Expires 9/3/2021
Vanarkel 9-15-10XHS	137-27604	Expires 9/2/2021

If Additional information is required, please feel free to contact me directly at (405) 234-9257

or via email [christi.scritchfield@clr.com](mailto:christi.scritchfield@clr.com).

Sincerely,

Christi Scritchfield

Regulatory Compliance Specialist