

API NUMBER: 051 24728 B

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

Approval Date: 10/22/2019

Expiration Date: 04/22/2021

Multi Unit Oil & Gas

Amend reason: ADD MISSISSIPPI LIME FORMATION

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 16 Township: 7N Range: 5W County: GRADY

SPOT LOCATION: SE NE SW NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 1745 1581

Lease Name: EMERY Well No: 4-16-9XHW Well will be 1581 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 269000  
OKLAHOMA CITY, OK 73126-9000

DUSTY AND KELLY RICKS REV TRUST  
P.O. BOX 933  
BLANCHARD OK 73010

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

	Name	Code	Depth
1	MISSISSIPPI LIME	351MSSLM	11198
2	WOODFORD	319WDFD	11459

Spacing Orders: 644200 Location Exception Orders: 705241 Increased Density Orders: 704973  
653269 704972  
185876

Pending CD Numbers: 201904918

Special Orders: No Special Orders

Total Depth: 20060 Ground Elevation: 1247 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 390

Deep surface casing has been approved

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36755  
H. 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

**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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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: 9	Township: 7N	Range: 5W	Total Length: 8271	
County: GRADY			Measured Total Depth: 20060	
Spot Location of End Point: NW	NE	NW	NE	True Vertical Depth: 12000
Feet From: <b>NORTH</b>	1/4 Section Line: 50		End Point Location from	
Feet From: <b>EAST</b>	1/4 Section Line: 1760		Lease, Unit, or Property Line: 50	

NOTES:	
Category	Description
DEEP SURFACE CASING	10/9/2019 - 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	10/9/2019 - GC2 - 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://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.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>
INCREASED DENSITY - 704972 (201904912)	7/14/2020 - GC2 - 16-7N-5W X644200 WDFD 6 WELLS NO OP. NAMED 11-7-2019
INCREASED DENSITY - 704973 (201904913)	7/14/2020 - GC2 - 9-7N-5W X653269 WDFD 3 WELLS NO OP. NAMED 11-7-2019
LOCATION EXCEPTION - 705241 (201904919)	7/14/2020 - GC2 - (I.O.) 16 & 9-7N-5W X644200 WDFD 16-7N-5W X653269 WDFD 9-7N-5W X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO EXISTING AND/OR PROPOSED WELL COMPL. INT. (16-7N-5W) NCT 1,320' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. (9-7N-5W) NCT 0' FSL, NCT 150' FNL, NCT 660' FEL CONTINENTAL RESOURCES INC 11-15-2019
MEMO	10/18/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WINTER CREEK LAKE), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201904918	7/13/2020 - GC2 - (I.O.) 16 & 9-7N-5W EST MULTIUNIT HORIZONTAL WELL X644200 WDFD 16-7N-5W X653269 WDFD 9-7N-5W X185876 MSSLM 9-7N-5W 33% 16-7N-5W 67% 9-7N-5W CONTINENTAL RESOURCES, INC REC. 7-13-2020 (P. PORTER)
SPACING - 185876	7/14/2020 - GC2 - (640) 9-7N-5W EXT 163257 MSSLM, OTHERS
SPACING - 644200	10/18/2019 - GC2 - (640)(HOR) 16-7N-5W EXT (VER) OTHERS EST (VER) OTHERS EST (HOR) WDFD, OTHER VAC OTHERS COMPL. INT. NCT 330' FB
SPACING - 653269	10/18/2019 - GC2 - (640)(HOR) 9-7N-5W EXT 643068 WDFD, OTHERS EXT OTHER COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL

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051 24728 EMERY 4-16-9XHW