

API NUMBER: 051 24734 C

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

Approval Date: 11/12/2019

Expiration Date: 05/12/2021

Multi Unit Oil & Gas

Amend reason: UPDATE ORDERS

**AMEND PERMIT TO DRILL**

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

SPOT LOCATION: SW NE SE NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 1660 1985

Lease Name: MILLS Well No: 3-16-21XHW Well will be 1660 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 & KELLY RICKS REV TRUST  
PO BOX 933  
BLANCHARD OK 73010

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	11238
2	SYCAMORE	352SCMR	11351
3	WOODFORD	319WDFD	11489
4	MISENER-HUNTON	319MSRH	11647
5	HUNTON	269HNTN	11647

Spacing Orders: 644200 Location Exception Orders: 706128 Increased Density Orders: 704972  
593309 705338  
706127  
98014

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 20205 Ground Elevation: 1214 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 360

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: 19-36754  
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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

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: 21	Township: 7N	Range: 5W	Total Length: 8389	
County: GRADY			Measured Total Depth: 20222	
Spot Location of End Point: SE	SW	SW	SE	True Vertical Depth: 11869
Feet From: <b>SOUTH</b>	1/4 Section Line: 50		End Point Location from	
Feet From: <b>EAST</b>	1/4 Section Line: 2196		Lease, Unit, or Property Line: 50	

NOTES:	
Category	Description
DEEP SURFACE CASING	10/15/2019 - 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	10/15/2019 - 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://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	10/21/2019 - GC2 - 16-7N-5W X644200 WDFD 6 WELLS NO OP, NAMED 11-7-2019
INCREASED DENSITY - 705338	3/24/2020 - GC2 - 21-7N-5W X593309 WDFD 4 WELLS NO OP NAMED 11-19-2019
LOCATION EXCEPTION - 706128 (201905012)	3/24/2020 - GC2 - (I.O.) 16 & 21-7N-5W X644200 WDFD, MSSP 16-7N-5W X593309 WDFD, SCMR, HNTN 21-7N-5W X98014 MSRH 16-7N-5W X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO NABORS 4-33-28XHW, NABORS 6-33-28XHW COMPL. INT. (16-7N-5W) NCT 660' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (21-7N-5W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL CONTINENTAL RESOURCES, INC 12-10-2019
MEMO	10/15/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WINTER CREEK WATERSHED), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 593309	3/24/2020 - GC2 - (640) 21-7N-5W EXT HNTN, OTHERS EST SCMR, WDFD, OTHERS
SPACING - 644200	10/21/2019 - GC2 - (640)(HOR) 16-7N-5W EXT (VER) 593309 MSSP, OTHERS EST (VER) OTHERS EST (HOR) WDFD, OTHER VAC 185876 MSSLM, OTHERS VAC OTHERS COMPL. INT. (WDFD) NCT 330' FB COMPL. INT. (MSSP) NCT 1,320' FB
SPACING - 706127 (201905011)	3/24/2020 - GC2 - (I.O.) 16 & 21-7N-5W EST MULTIUNIT HORIZONTAL WELL X644200 WDFD, MSSP 16-7N-5W X593309 WDFD, SCMR, HNTN 21-7N-5W X98014 MSRH 16-7N-5W 33% 16-7N-5W 67% 21-7N-5W CONTINENTAL RESOURCES, INC 12-10-2019

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