

API NUMBER: 051 24657 A

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

Approval Date: 06/17/2019
Expiration Date: 12/17/2020

Multi Unit Oil & Gas

Amend reason: ADD MISSISSIPPIAN FORMATION AND
UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 18 Township: 7N Range: 5W County: GRADY

SPOT LOCATION: E2 SE SW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 2310 1375

Lease Name: MCCLAIN Well No: 5-18-7XHW Well will be 1375 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

MCCLAIN COUNTY LAND COMPANY LLC
PO BOX 188
BLANCHARD OK 73101

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	11651
2	WOODFORD	319WDFD	12127

Spacing Orders: 621966
699831

Location Exception Orders: 699402

Increased Density Orders: 696506
696505

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 20122 Ground Elevation: 1225

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 230

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: 19-36696
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: 7	Township: 7N	Range: 5W	Total Length: 7445
County: GRADY			Measured Total Depth: 20122
Spot Location of End Point: NW	NE	NW	NE
Feet From: NORTH			1/4 Section Line: 50
Feet From: EAST			1/4 Section Line: 1683
End Point Location from			True Vertical Depth: 12127
Lease, Unit, or Property Line: 50			

NOTES:

Category	Description
DEEP SURFACE CASING	6/12/2019 - 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	6/12/2019 - 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: OCCWEB.COM/OG/OGFORMS.HTML ; 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: FRACFOCUS.ORG
INCREASED DENSITY - 696505	6/14/2019 - G58 - 18-7N-5W X621966 WDFD 4 WELLS CONTINENTAL RESOURCES, INC. 5/22/2019
INCREASED DENSITY - 696506	6/14/2019 - G58 - 7-7N-5W X621966 WDFD 4 WELLS CONTINENTAL RESOURCES, INC. 5/22/2019
LOCATION EXCEPTION - 699402 (201901059)	3/9/2020 - GC2 - (I.O.) 7 & 18-7N-5W X621966 MSSP, WDFD COMPL. INT. 18-7N-5W NCT 150' FSL, NCT 0' FNL, NCT 1,320' FEL COMPL. INT. 7-7N-5W NCT 0' FSL, NCT 150' FNL, NCT 1,320' FEL NO OP. NAMED 7-19-2019
MEMO	6/12/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 621966	3/9/2020 - GC2 - (640)(HOR) 7 & 18-7N-5W VAC 151109 MSSLM, OTHER EST MSSP, WDFD, OTHER COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPACING - 699831 (201901062)	3/9/2020 - GC2 - (I.O.) 7 & 18-7N-5W EST MULTIUNIT HORIZONTAL WELL X621966 MSSP, WDFD (MSSP IS ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 67% 7-7N-5W 33% 18-7N-5W NO OP. NAMED 7-29-2019

This permit does not address the right of entry or settlement of surface damages.

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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.

051 24657 MCCLAIN 5-18-7XHW