

API NUMBER: 087 22274 A

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

Approval Date: 11/19/2019
Expiration Date: 05/19/2021

Multi Unit Oil & Gas

Amend reason: OCC CORRECTION TO UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 27 Township: 8N Range: 4W County: MCCLAIN

SPOT LOCATION: SW NE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 965 1770

Lease Name: LARRY Well No: 0804 3H-22X Well will be 965 feet from nearest unit or lease boundary.
Operator Name: OVINTIV MID-CONTINENT INC. Telephone: 2812105100; 9188781290; OTC/OCC Number: 20944 0

OVINTIV MID-CONTINENT INC.
4 WATERWAY AVE STE 100
THE WOODLANDS, TX 77380-2764

MCCLAIN CO LAND COMPANY, LARRY KNIPPELMIER
PO BOX 538
BLANCHARD OK 73010

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	9534
2	WOODFORD	319WDFD	9610

Spacing Orders: 665488 Location Exception Orders: 685502 Increased Density Orders: 683388
685501 705001 683389
705000

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 20157 Ground Elevation: 1228 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 340

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: 19-37084
E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: 22	Township: 8N	Range: 4W	Total Length: 10000	
County: MCCLAIN			Measured Total Depth: 20157	
Spot Location of End Point: NE	NE	NE	NW	True Vertical Depth: 9610
Feet From: NORTH	1/4 Section Line: 50		End Point Location from	
Feet From: WEST	1/4 Section Line: 2400		Lease, Unit, or Property Line: 50	

NOTES:	
Category	Description
DEEP SURFACE CASING	11/7/2019 - 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	11/7/2019 - 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 - 683388	11/19/2019 - GC2 - 22-8N-4W X665488 WDFD 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC 9-20-2018
INCREASED DENSITY - 683389	11/19/2019 - GC2 - 27-8N-4W X665488 WDFD 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC 9-20-2018
LOCATION EXCEPTION - 685502	11/19/2019 - GC2 - (I.O.) 22 & 27-8N-4W X665488 MSSP, WDFD COMPL. INT. (27-8N-4W) NCT 165' FSL, NCT 990' FWL, NCT 0' FNL COMPL. INT. (22-8N-4W) NCT 0' FSL, NCT 990' FWL, NCT 165' FNL NEWFIELD EXPLORATION MID-CONTINENT INC 10-25-2018
LOCATION EXCEPTION - 705001	11/19/2019 - GC2 - EXT OF TIME FOR ORDER 685502 UNTIL 10-25-2020.
MEMO	11/7/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS, WBM/CUTTINGS WILL BE SOIL FARMED, OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO, PIT 2 - OBM TO VENDOR
SPACING - 665488	11/19/2019 - GC2 - (640)(HOR) 22 & 27-8N-4W EXT 663347 MSSP, WDFD, OTHER COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST SP ORDER 84785 HNTN, SP ORDER 187081 HNTN)
SPACING - 685501	11/19/2019 - GC2 - (I.O.) 22 & 27-8N-4W EST MULTIUNIT HORIZONTAL WELL X665488 MSSP, WDFD (MSSP ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 50% 22-8N-4W 50% 27-8N-4W NEWFIELD EXPLORATION MID-CONTINENT INC 10-25-2018
SPACING - 705000	11/19/2019 - GC2 - EXT OF TIME FOR ORDER 685501 UNTIL 10-25-2020.

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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.

087 22274 LARRY 0804 3H-22X