

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

API NUMBER: 073 26692

Approval Date: 03/13/2020  
Expiration Date: 09/13/2021

Multi Unit Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 25 Township: 17N Range: 9W County: KINGFISHER

SPOT LOCATION: ☐ SE ☐ NW ☐ NW ☐ NE  
FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 370 2015

Lease Name: BARTON Well No: 1709 4H-13XLW Well will be 370 feet from nearest unit or lease boundary.  
Operator Name: OIVINTIV MID-CONTINENT INC. Telephone: 2812105100; 9188781290; OTC/OCC Number: 20944 0

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

J.R. BARTON & LULA MAE BARTON  
PO BOX 586  
KINGFISHER OK 73750

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

	Name	Code	Depth
1	MISSISSIPPIAN (LESS CHESTER)	359MSNLC	8314
2	MISSISSIPPIAN	359MSSP	8437

Spacing Orders: 639736 Location Exception Orders: No Exceptions Increased Density Orders: 707506  
642085 707507  
637461 707377  
707378

Pending CD Numbers: 202000452 Special Orders: No Special Orders  
202000453  
202000822

Total Depth: 19489 Ground Elevation: 1150 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 290

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: 20-37315  
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 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: FLOWERPOT

**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: FLOWERPOT

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: 13		Township: 17N		Range: 9W		Total Length: 10398
County: KINGFISHER					Measured Total Depth: 19489	
Spot Location of End Point: NE NE NE NE				True Vertical Depth: 8661		
Feet From: <b>NORTH</b>		1/4 Section Line: 85			End Point Location from	
Feet From: <b>EAST</b>		1/4 Section Line: 50			Lease,Unit, or Property Line: 50	

NOTES:	
Category	Description
DEEP SURFACE CASING	3/11/2020 - 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	3/11/2020 - 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 - 707377 (201905171)	3/13/2020 - G56 - 18-17N-8W X637461 MSNLC 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. (BOUGHT IN IT'S ENTIRETY BY OVINTIV MID-CONTINENT INC.) 1/10/2020
INCREASED DENSITY - 707378 (201905172)	3/13/2020 - G56 - 19-17N-8W X637461 MSNLC 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. (BOUGHT IN IT'S ENTIRETY BY OVINTIV MID-CONTINENT INC.) 1/10/2020
INCREASED DENSITY - 707506 (201905060)	3/13/2020 - G56 - 13-17N-9W X639736/642085 MSSP 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT A SUBSIDIARY OF ENCANA OIL & GAS (USA) INC. (BOUGHT IN IT'S ENTIRETY BY OVINTIV MID-CONTINENT INC.) 1/14/2020
INCREASED DENSITY - 707507 (201905061)	3/13/2020 - G56 - 24-17N-9W X639736/642085 MSSP 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT A SUBSIDIARY OF ENCANA OIL & GAS (USA) INC. (BOUGHT IN IT'S ENTIRETY BY OVINTIV MID-CONTINENT INC.) 1/14/2020
MEMO	3/11/2020 - GC2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000452	3/13/2020 - G56 - (I.O.) 18 & 19-17N-8W, 13 & 24-17N-9W EST MULTIUNIT HORIZONTAL WELL X637461 MSNLC, OTHER 18 & 19-17N-8W X639736/642085 MSSP, OTHER 13 & 24-17N-9W 25% 19-17N-8W 25% 24-17N-9W 25% 18-17N-8W 25% 13-17N-9W NO OP NAMED REC 3/10/2020 (PRESLAR)

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.

PENDING CD - 202000453	3/13/2020 - G56 - (I.O.) 18 & 19-17N-8W, 13 & 24-17N-9W X637461 MSNLC, OTHER 18 & 19-17N-8W X639736/642085 MSSP, OTHER 13 & 24-17N-9W COMPL INT (19-17N-8W, 24-17N-9W) NCT 165' FSL, NCT 0' FWL, NCT 0' FEL*** COMPL INT (18-17N-8W, 13-17N-9W) NCT 165' FNL, NCT 0' FWL, NCT 0' FEL*** NO OP NAMED REC 3/10/2020 (PRESLAR)  ***S/B COMPL INT (19-17N-8W, 24-17N-9W) NCT 165' FSL, NCT 0' FNL, NCT 75' FEL & FWL; COMPL INT (18-17N-8W, 13-17N-9W) NCT 165' FNL, NCT 0' FSL, NCT 75' FEL & FWL; WILL BE AMENDED AT HEARING PER ATTORNEY FOR OPERATOR
PENDING CD - 202000822	3/13/2020 - G56 - (640)(HOR) 13 & 24-17N-9W CLARIFY/MODIFY 639736/642085 MSSP TO COEXIST WITH 77564 MNNG, MSSSD W2 NE4 13-17N-9W HEARING 4/6/2020 OK'D PER MCCOY
SPACING - 637461	3/13/2020 - G56 - (640)(HOR) 18 & 19-17N-8W EST MSNLC, OTHER COMPL INT NLT 660' FB (COEXIST WITH SP # 164996 MNNG, MSSSD 18-17N-8W; # 195957 CRLMN NE4 18-17N-8W, NE4 19-17N-8W; # 82134 MNNG, MSSSD 19-17N-8W)
SPACING - 639736	3/13/2020 - G56 - (640)(HOR) 13 & 24-17N-9W VAC 77564 MNNG, MSSSD E2 13-17N-9W VAC 79255 MISS, MNNG VAC 231086 MGLCS, MSSSD NW4 24-17N-9W VAC 78599 MSSSD, MNNG N2, SE4, W2 SW4 24-17N-9W EST MSSP, OTHER COMPL INT NCT 660' FB (COEXIST WITH SP # 78599 MNNG, MISS E2 SW4 24-17N-9W)
SPACING - 642085	3/13/2020 - G56 - NPT CORRECTING PARAGRAPH 5.1.C TO STATE VAC 231086 CSTRU, MGLCS, MSSSD NW4 13-17N-9W

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Office of the Conservation Division as to when Surface Casing will be run.

073 26692 BARTON 1709 4H-13XLW