

API NUMBER: 073 26690

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

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 2065

Lease Name: BARTON Well No: 1709 2H-13X Well will be 370 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

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	359MSSP	8418

Spacing Orders: 639736
642085
707788

Location Exception Orders: 707789
707802

Increased Density Orders: 707506
707507

Pending CD Numbers: 202000822

Special Orders: No Special Orders

Total Depth: 19391

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: 10281	
County: KINGFISHER			Measured Total Depth: 19391	
Spot Location of End Point: NW	NE	NE	NW	True Vertical Depth: 8642
Feet From: NORTH	1/4 Section Line: 85		End Point Location from	
Feet From: WEST	1/4 Section Line: 2040		Lease, Unit, or Property Line: 85	

NOTES:	
Category	Description
DEEP SURFACE CASING	3/5/2020 - 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
EXCEPTION TO RULE - 707802 (201905076)	3/11/2020 - G56 - (I.O.) 13 & 24-17N-9W X165:10-3-28(C)(2)(B) MSSP (BARTON 1709 2H-13X) MAY BE CLOSER THAN 600' TO BARTON 1H-13X, OGLE A 13-1, BARTON 1-24 AND/OR PROPOSED WELLS NO OP NAMED 1/23/2020
HYDRAULIC FRACTURING	3/5/2020 - 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: OCCEWEB.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 - 707506 (201905060)	3/11/2020 - 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)	3/11/2020 - 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
LOCATION EXCEPTION - 707789 (201905063)	3/11/2020 - G56 - (I.O.) 13 & 24-17N-9W X639736/642085 MSSP, OTHER COMPL INT (24-17N-9W) NCT 165' FSL, NCT 0' FNL, NCT 660' FWL COMPL INT (13-17N-9W) NCT 0' FSL, NCT 165' FNL, NCT 660' FWL NEWFIELD EXPLORATION MID-CONTINENT A SUBSIDIARY OF ENCANA OIL & GAS (USA) INC. (BOUGHT IN IT'S ENTIRETY BY OVINTIV MID-CONTINENT INC.) 1/23/2020
MEMO	3/5/2020 - GC2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
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 - 639736	3/11/2020 - 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	3/11/2020 - G56 - NPT CORRECTING PARAGRAPH 5.1.C TO STATE VAC 231086 CSTRU, MGLCS, MSSSD NW4 13-17N-9W

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.

SPACING - 707788 (201905062)

3/11/2020 - G56 - (I.O.) 13 & 24-17N-9W

EST MULTIUNIT HORIZONTAL WELL

X639736/642085 MSSP, OTHER

50% 13-17N-9W

50% 24-17N-9W

NEWFIELD EXPLORATION MID-CONTINENT A SUBSIDIARY OF ENCANA OIL & GAS (USA) INC.
(BOUGHT IN IT'S ENTIRETY BY OVINTIV MID-CONTINENT INC.)

1/23/2020

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073 26690 BARTON 1709 2H-13X