

API NUMBER: 073 26663 A

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

Approval Date: 01/27/2020

Expiration Date: 07/27/2021

Multi Unit Oil & Gas

Amend reason: CHANGE OPERATOR NAME AND BHL.  
UPDATE OCC ORDERS.

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 23 Township: 15N Range: 8W County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 445 1180

Lease Name: JUANITA FIU 1508 Well No: 3H-14X Well will be 445 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

JUANITA M. KRITTENBRINK AND MICHAEL E. KRITTENBRINK  
28188 N. 2780 RD.  
OKARCHE OK 73762

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

| Name            | Code    | Depth |
|-----------------|---------|-------|
| 1 MISSISSIPPIAN | 359MSSP | 8797  |

Spacing Orders: 631544  
696772

Location Exception Orders: 696773  
695984

Increased Density Orders: 702204  
702205

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 19409

Ground Elevation: 1117

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 380

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: 20-37210  
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: 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: 14                    | Township: 15N          | Range: 8W | Total Length: 10246               |                           |
| County: KINGFISHER             |                        |           | Measured Total Depth: 19409       |                           |
| Spot Location of End Point: NW | NE                     | NE        | NW                                | True Vertical Depth: 9021 |
| Feet From: <b>NORTH</b>        | 1/4 Section Line: 85   |           | End Point Location from           |                           |
| Feet From: <b>WEST</b>         | 1/4 Section Line: 2200 |           | Lease, Unit, or Property Line: 85 |                           |

| NOTES:                                  |   |
|---|---|
| Category                                | Description   |
| DEEP SURFACE CASING                     | 1/23/2020 - 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  |
| EXCEPTION TO RULE - 695984 (201810500)  | 1/27/2020 - GB6 - (I.O.) 14 & 23 -15N-8W<br>X165:10-3-28(C)(2)(B) MSSP (JUANITA FIU 1508 3H-14X)<br>MAY BE CLOSER THAN 600' TO EXISTING WELLS JUANITA 1H-14X (API 07325078), WITTROCK 1-23 (API 07324625) AND/OR PROPOSED WELLS JUANITA FIU 1508 2H-14X, JUANITA FIU 1508 4H-14X, JUANITA FED 1508 5H-14X, JUANITA FED 1508 6H-14X**, JUANITA FED 1508 7H-14X<br>NO OP. NAMED<br>05/13/2019<br>**CANCELLED PER OPERATOR REQUEST 02/20/2020  |
| HYDRAULIC FRACTURING                    | 1/23/2020 - G71 - OCC 165:10-3-10 REQUIRES:<br><br>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;<br><br>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://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; AND,<br><br>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 - 702204 (201810486)  | 1/27/2020 - GB6 - 14-15N-8W<br>X631544 MSSP<br>6 WELLS<br>NO OP. NAMED<br>09/13/2019  |
| INCREASED DENSITY - 702205 (201810487)  | 1/27/2020 - GB6 - 23-15N-8W<br>X631544 MSSP<br>6 WELLS<br>NO OP. NAMED<br>09/13/2019  |
| INTERMEDIATE CASING                     | 1/23/2020 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES   |
| LOCATION EXCEPTION - 696773 (201810491) | 1/27/2020 - GB6 - (I.O.) 14 & 23 -15N-8W<br>X631544 MSSP, OTHER<br>COMPL. INT. (23-15N-8W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FWL<br>COMPL. INT. (14-15N-8W) NCT 0' FSL, NCT 165' FNL, NCT 1320' FWL<br>NO OP. NAMED<br>05/29/2019   |
| MEMO                                    | 1/23/2020 - 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 - 696772 (201810490)            | 1/27/2020 - GB6 - (I.O.) 14 & 23 -15N-8W<br>EST MULTIUNIT HORIZONTAL WELL<br>X631544 MSSP, OTHER<br>50% 14-15N-8W<br>50% 23-15N-8W<br>NEWFIELD EXPLORATION MID-CONTINENT INC. (OPERATOR NAME CHANGED IN ITS ENTIRETY FROM NEWFIELD EXPLORATION MID-CONTINENT INC. TO OVINTIV MID-CONTINENT INC<br>05/29/2019  |

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 – 631544

1/27/2020 - GB6 - (640)(HOR) 14 & 23 -15N-8W  
VAC 37910 MSCST IN 14-15N-8W  
VAC 76186 MSSSD IN 14-15N-8W  
EXT 594598 MSSP, OTHER  
COMPL. INT. (MSSP) NCT 660' FB  
COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL  
(COEXIST SP. ORDER # 37910 MSCST IN 23-15N-8W, SP. ORDER # 76186 MSSSD IN 23-15N-8W)

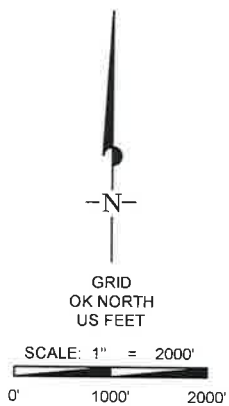
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Office of the Conservation Division as to when Surface Casing will be run.

073 26663 JUANITA FIU 1508 3H-14X

KINGFISHER

COUNTY, OKLAHOMA

445' FSL - 1180' FWL SECTION 23 TOWNSHIP 15N RANGE 8W I.M.



NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
- ALL BEARINGS SHOWN ARE GRID, NAD-83, OKLAHOMA NORTH.
- LANDING POINT, LAST TAKE POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY CLIENT LISTED, NOT SURVEYED.

SURFACE LOCATION

DATUM: NAD-27  
LAT: 35°45'20.1" N  
LONG: 98°01'33.9" W  
LAT: 35.755589° N  
LONG: 98.026095° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: X 1992257  
Y: Y 275041

DATUM: NAD-83  
LAT: 35°45'20.3" N  
LONG: 98°01'35.1" W  
LAT: 35.755634° N  
LONG: 98.026427° W

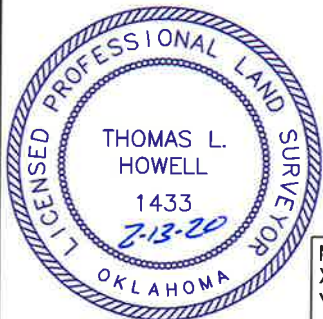
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: X 1960659  
Y: Y 275065

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.)

CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein.

Oklahoma Reg. No. 1433



OPERATOR: OVINTIV MID-CON INC

LEASE NAME: WELL NO: JUANITA FIU 1508 WELL NO: 3H-14X

TOPOGRAPHY & VEGETATION LOCATION FWLL IN PASTURE.

GOOD DRILL SITE? Yes REFERENCE STAKES OR ALTERNATE LOCATION STAKES SET: None

BEST ACCESSIBILITY TO LOCATION: From South off county road.

DISTANCE & DIRECTION: From Okarche, OK, go West ±3 miles then North ±2 miles to the SW Corner of Section 23-T15N-R8W.

ELEVATION:

1117' Gr. at Stake (NGVD29)  
1117' Gr. at Stake (NAVD88)

PROJECT # 132002

DATE OF DRAWING: FEBRUARY 12, 2020

DATE STAKED: JANUARY 7, 2020

DRAWN BY: KEU

REVISION: 2

FILE NAME: LO JUANITA FIU 3H-14X REV2

