

API NUMBER: 073 26714

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

Approval Date: 09/23/2020
Expiration Date: 03/23/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 27 Township: 16N Range: 8W County: KINGFISHER

SPOT LOCATION: ☐ SW ☐ NW ☐ NE ☐ NW
FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 475 1495

Lease Name: CHLOUBER FED 1608 Well No: 8H-16X Well will be 475 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

SUE ELLEN STRECK
14300 W RENO
YUKON OK 73099

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

| Name | Code | Depth |
|-----------------|---------|-------|
| 1 MISSISSIPPIAN | 359MSSP | 8495 |

| | | |
|------------------------|-----------------------------------|----------------------------------|
| Spacing Orders: 635870 | Location Exception Orders: 692956 | Increased Density Orders: 692362 |
| 692955 | 709564 | 709561 |
| 709563 | 692959 | 692363 |
| | 709567 | 709562 |

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 19213 Ground Elevation: 1087

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 170

Deep surface casing has been approved

Under Federal Jurisdiction: Yes
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: 20-37406 |
| E. Haul to Commercial pit facility | Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498 |
| H. (Other) | 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: CEDAR HILL

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: BED AQUIFER

Pit Location Formation: CEDAR HILL

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: 16 | Township: 16N | Range: 8W | Total Length: 10308 |
| County: KINGFISHER | | | Measured Total Depth: 19213 |
| Spot Location of End Point: N2 | N2 | NE | NE |
| Feet From: NORTH | 1/4 Section Line: 85 | | True Vertical Depth: 8500 |
| Feet From: EAST | 1/4 Section Line: 660 | | End Point Location from Lease, Unit, or Property Line: 85 |

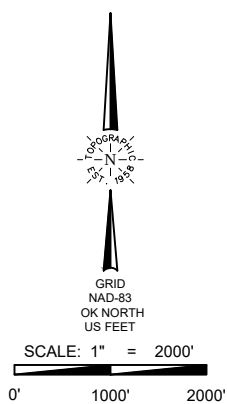
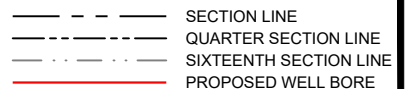
NOTES:

| Category | Description |
|-----------------------------|---|
| DEEP SURFACE CASING | 9/11/2020 - 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 |
| EXCEPTION TO RULE - 692959 | 9/22/2020 - G56 - (I.O.) 16 & 21-16N-8W X165:10-3-28(C)(2)(B) MSSP (CHLOUBER FED 1608 8H-16X) MAY BE CLOSER THAN 600' TO CHLOUBER FED 1608 9H-16X, CHLOUBER 6H-16LMX, CHLOUBER 5-16, MATTI 1-21, AND CHLOUBER 6-21 WELLS NO OP NAMED 3/15/2019 |
| EXCEPTION TO RULE - 709567 | 9/22/2020 - G56 - EXTENSION OF TIME FOR ORDER # 692959 |
| HYDRAULIC FRACTURING | 9/11/2020 - 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: 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 - 692362 | 9/22/2020 - G56 - 16-6N-8W X635870 MSSP 2 WELLS NO OP NAMED 3/4/2019 |
| INCREASED DENSITY - 692363 | 9/22/2020 - G56 - 21-16N-8W X635870 MSSP 2 WELLS NO OP NAMED 3/4/2019 |
| INCREASED DENSITY - 709561 | 9/22/2020 - G56 - EXTENSION OF TIME FOR ORDER # 709561 |
| INCREASED DENSITY - 709562 | 9/22/2020 - G56 - EXTENSION OF TIME FOR ORDER # 692363 |
| INTERMEDIATE CASING | 9/14/2020 - G56 - 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 - 692956 | 9/22/2020 - G56 - (I.O.) 16 & 21-16N-8W X635870 MSSP COMPL INT (21-16N-8W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (16-16N-8W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NEWFIELD EXPLORATION MID-CON INC. (BOUGHT IN ITS ENTIRETY BY OVINTIVE MID-CON INC.) 3/15/2019 |
| LOCATION EXCEPTION - 709564 | 9/22/2020 - G56 - EXTENSION OF TIME FOR ORDER # 692956 |
| MEMO | 9/11/2020 - GC2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - KINGFISHER CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT |

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.

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|------------------|--|
| SPACING - 635870 | <p>9/22/2020 - G56 - (640) 16 & 21-16N-8W VAC 42491 MCSTR 21-16N-8W VAC 69145 MSSLM 21-16N-8W VAC 89386 MISS, MNNG, E2 NW4, E2 NE4, W2 SW4, E2 SE4 21-16N-8W*** VAC 202353 MCSMN, MSSLM NW4, S2, E2 NE4 16-16N-8W EXT 626748 MSSP, OTHER POE TO BHL (MSSP) NCT 660' FB (COEXIST SP. ORDER # 202353 MCSMN, MSSLM W2 NE4 16-16N-8W & SP. ORDER # 83896 MNNG, MISS W2 NW4, W2 NE4, W2 SE4, E2 SW4 21-16N-8W)</p> <p>*** S/B VAC 83896 MISS, MNNG E2 NW4, E2 NE4, W2 SW4, E2 SE4 21-16N-8W; WILL BE CORRECTED VIA NPT PER ATTORNEY FOR OPERATOR</p> |
| SPACING - 692955 | <p>9/22/2020 - G56 - (I.O.) 16 & 21-16N-8W EST MULTIUNIT HORIZONTAL WELL X635870 MSSP 50% 16-16N-8W 50% 21-16N-8W NEWFIELD EXPLORATION MID-CON INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CON INC.) 3/15/2019</p> |
| SPACING - 709563 | <p>9/22/2020 - G56 - EXTENSION OF TIME FOR ORDER # 692955</p> |

LEGEND



LAST TAKE POINT
165' FNL - 660' FEL
NAD 27 (US FEET)
X=1985084
Y=316679
LAT.: 35°52'11.9" N
LONG.: 98°03'01.2" W
LAT.: 35.869970° N
LONG.: 98.050342° W
NAD 83 (US FEET)
X=1953485
Y=316703
LAT.: 35°52'12.0" N
LONG.: 98°03'02.4" W
LAT.: 35.870012° N
LONG.: 98.050677° W

LANDING POINT
165' FSL - 660' FEL
NAD 27 (US FEET)
X=1985136
Y=306452
LAT.: 35°50'30.7" N
LONG.: 98°03'00.5" W
LAT.: 35.841873° N
LONG.: 98.050149° W
NAD 83 (US FEET)
X=1953537
Y=306475
LAT.: 35°50'30.9" N
LONG.: 98°03'01.7" W
LAT.: 35.841916° N
LONG.: 98.050484° W

BOTTOM HOLE
85' FNL - 660' FEL
NAD 27 (US FEET)
X=1985084
Y=316759
LAT.: 35°52'12.7" N
LONG.: 98°03'01.2" W
LAT.: 35.870190° N
LONG.: 98.050342° W
NAD 83 (US FEET)
X=1953485
Y=316783
LAT.: 35°52'12.8" N
LONG.: 98°03'02.4" W
LAT.: 35.870232° N
LONG.: 98.050678° W

SURFACE LOCATION
475' FNL & 1495' FWL
NAD 27 (US FEET)
X=1987292
Y=305821
LAT.: 35°50'24.5" N
LONG.: 98°02'34.3" W
LAT.: 35.840143° N
LONG.: 98.042874° W
NAD 83 (US FEET)
X=1955693
Y=305845
LAT.: 35°50'24.7" N
LONG.: 98°02'35.6" W
LAT.: 35.840186° N
LONG.: 98.043209° W

SURVEYOR'S 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.

ELEVATION:
1087' Gr. at Stake (NGVD29)
1087' Gr. at Stake (NAVD88)



13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

Thomas L. Howell P.L.S. No. 1433
Authorized Agent of Topographic Land Surveyors

LEASE NAME & WELL NO.: CHLOUBER FED 1608 8H-16X

SECTION 27 TWP 16-N RGE 8-W MERIDIAN I.M.

COUNTY KINGFISHER STATE OKLAHOMA

| DESCRIPTION | 475' FNL & 1495' FWL |
|-------------|----------------------|
| | |

| | | |
|----------------------------------|-----------|------|
| CHLOUBER FED 1608 8H-16X | REVISION: | |
| | INT | DATE |
| | | |
| DATE: 06/30/20 | | |
| FILE:LO_CHLOUBER_FED_1608_8H-15X | | |
| DRAWN BY: KEU | | |
| SHEET : 1 OF 2 | | |

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA, NORTH ZONE, NAD 83 - HORIZONTAL AND NAVD 88 - VERTICAL.
3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY OVINTIV MID-CONTINENT INC.. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.
5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY