

API NUMBER: 073 26683

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

Approval Date: 02/25/2020

Expiration Date: 08/25/2021

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 26 Township: 15N Range: 8W County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NE
FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 315 1545

Lease Name: FSB Well No: 1508 8H-26X Well will be 315 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

TERRY AND DIANA LUBER
PO BOX 720
OKARCHE OK 73762

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	8763

Spacing Orders: 633940	Location Exception Orders: 690941	Increased Density Orders: 689309
690940	690942	689310
702227	707228	707216
	707229	707279

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 19447 Ground Elevation: 1183

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 380

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: 20-37207
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: 35	Township: 15N	Range: 8W	Total Length: 10318	
County: KINGFISHER			Measured Total Depth: 19447	
Spot Location of End Point: SW	SW	SE	SE	True Vertical Depth: 8987
Feet From: SOUTH	1/4 Section Line: 85		End Point Location from	
Feet From: EAST	1/4 Section Line: 1140		Lease, Unit, or Property Line: 85	

NOTES:	
Category	Description
DEEP SURFACE CASING	2/24/2020 - 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 - 690942 (201808581)	2/25/2020 - G56 - (I.O.) 26 & 35-15N-8W X165:10-3-28(C)(2)(B) MSSP (FSB 1508 8H-26X) MAY BE CLOSER THAN 600' TO FSB 1H-26X, STARLA 1-26, KRITTENBRINK 35-4 AND/OR PROPOSED WELLS NO OP NAMED 2/5/2019
HYDRAULIC FRACTURING	2/24/2020 - 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 - 689309 (201808567)	2/25/2020 - G56 - (I.O.) 26-15N-8W X633940 MSSP 6 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. 1/7/2019
INCREASED DENSITY - 689310 (201808568)	2/25/2020 - G56 - (I.O.) 35-15N-08W X633940 MSSP 6 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. 1/7/2019
INCREASED DENSITY - 707216 (201808567)	2/25/2020 - G56 - EXTENSION OF TIME FOR ORDER # 689309
INCREASED DENSITY - 707279 (201808568)	2/25/2020 - G56 - EXTENSION OF TIME FOR ORDER # 689310
INTERMEDIATE CASING	2/24/2020 - GC2 - 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 - 690941 (201808580)	2/25/2020 - G56 - (I.O.) 26 & 35-15N-8W X633940 MSSP, OTHER COMPL INT (35-15N-8W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (26-15N-8W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL NEWFIELD EXPLORATION MID-CONTINENT INC. 2/5/2019
LOCATION EXCEPTION - 707229 (201808581)	2/25/2020 - G56 - EXTENSION OF TIME FOR ORDER # 690942
MEMO	2/24/2020 - GC2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PITS	2/23/2020 - RDRGRCK8 - WBM WILL BE CAPTURED IN STEEL HALF PITS AND TRANSFERRED OFF LOCATION TO BE SOIL FARMED UNDER PERMIT #20-37207. OBM AND DRILL CUTTINGS WILL BE CAPTURED IN STEEL HALF PITS AND TRANSFERRED TO R360 COMMERCIAL DISPOSAL UNDER OCC ORDER #587498.

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 - 633940	2/25/2020 - G56 - (640)(HOR) 26 & 35-15N-8W VAC 139996 MNNG 35-15N-8W EXT OTHER EST MSSP COMPL. INT. NLT 660' FB (COEXIST SP. ORDER # 37910/562373 MCSTR & # 76186 MSSSD 26-15N-8W; COEXIST SP. ORDER # 76186 MCSTR, MSSSD 35-15N-8W)
SPACING - 690940 (201808579)	2/25/2020 - G56 - (I.O.) 26 & 35-15N-8W EST MULTIUNIT HORIZONTAL WELL X633940 MSSP, OTHER 50% 26-15N-8W 50% 35-15N-8W NEWFIELD EXPLORATION MID-CONTINENT INC. 2/5/2019
SPACING - 707227	2/25/2020 - G56 - EXTENSION OF TIME FOR ORDER # 690940

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

073 26683 FSB 1508 8H-26X

TOPOGRAPHIC LAND SURVEYORS

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1292 LS

KINGFISHER

COUNTY, OKLAHOMA

315' FNL - 1545' FEL SECTION 26 TOWNSHIP 15N RANGE 8W I.M.

N 89°29'57" E 2627.52'

N 69°13'35" E 433.07'
N 89°29'58" E 2627.51'

LANDING POINT

-N-

GRID
OK NORTH
US FEET

SCALE: 1" = 2000'
0' 1000' 2000'

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°45'12.8" N
LONG: 98°01'03.3" W
LAT: 35.753564° N
LONG: 98.017570° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: X 1994787
Y: Y 274304

DATUM: NAD-83
LAT: 35°45'13.0" N
LONG: 98°01'04.4" W
LAT: 35.753609° N
LONG: 98.017902° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: X 1963188
Y: Y 274327

(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-CONTINENT INC.

LEASE NAME: WELL NO: FSB 1508 WELL NO: 8H-26X

TOPOGRAPHY & VEGETATION LOCATION FELL IN PASTURE.

REFERENCE STAKES OR ALTERNATE LOCATION

STAKES SET: 275' South Elev. 1188' & 275' East Elev. 1178'
From Juanita Fed 1508 7H-14X

GOOD DRILL SITE? Yes

BEST ACCESSIBILITY TO LOCATION: From South off county road.

DISTANCE & DIRECTION: From Okarche, OK, go West ±2 miles then North ±2 miles to the NE Corner of Section 26-T15N-R8W.

ELEVATION:

1183' Gr. at Stake (NGVD29)
1183' Gr. at Stake (NAVD88)

PROJECT # 132001

DATE OF DRAWING: FEBRUARY 12, 2020

DATE STAKED: DECEMBER 10, 2019

DRAWN BY: EAH

REVISION: 2

FILE NAME: LO FSB 1508 8H-26X REV2

