

API NUMBER: 087 22290

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

Approval Date: 03/04/2020

Expiration Date: 09/04/2021

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 07 Township: 7N Range: 4W County: MCCLAIN

SPOT LOCATION: ☐ SE ☐ NW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 950 1937

Lease Name: MCCORN Well No: 0704 4HM-18X Well will be 950 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

ROY AND CONNIE BROOKS  
26442 COUNTY LING AVE  
BLANCHARD OK 73010

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10335
2	WOODFORD	319WDFD	10537

Spacing Orders: 655159  
695818

Location Exception Orders: 695819  
695837

Increased Density Orders: 693420  
693421  
693422  
693423

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 20930 Ground Elevation: 1253

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 450

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: 20-37303  
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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

### 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: DUNCAN

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: 19		Township: 7N		Range: 4W	Total Length: 10248
County: MCCLAIN				Measured Total Depth:	20930
Spot Location of End Point: SW		SW	SE	SW	True Vertical Depth: 10559
Feet From: <b>SOUTH</b>		1/4 Section Line: 85			End Point Location from Lease,Unit, or Property Line: 85
Feet From: <b>WEST</b>		1/4 Section Line: 1405			

NOTES:	
Category	Description
DEEP SURFACE CASING	2/28/2020 - 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 – 695837 (201900469)	3/3/2020 - GB6 - (I.O.) 18 & 19 7N-4W X165:10-3-28(C)(2)(B) MSSP, WDFD (MCCORN 4H-18X**) MAY BE CLOSER THAN 600' TO EXISTING MCCORN 1H-18X, VALADEZ 1-19 AND/OR EVETT 1-19; AND/OR TO PROPOSED MCCORN 2H-18X, MCCORN 3H-18X, MCCORN 5H-18X, MCCORN 6H-18X, MCCORN 7H-18X, MCCORN 8H-18X, MCCORN 20H-18X, MCCORN 21H-18X, MCCORN 22H-18X, MCCORN 23H-18X, MCCORN 24H-18X. NO OP. NAMED 05/08/2019 **S/B MCCORN 0704 4HM-18X. CONFIRMED WELL NAMES TO BE CORRECTED IN FINAL ORDER PER ATT. FOR OP.
HYDRAULIC FRACTURING	2/28/2020 - G71 - 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://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.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 - 693420 (201900465)	3/3/2020 - GB6 - 18-7N-4W X665159 WDFD 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CONTINENT INC.) 05/25/2019
INCREASED DENSITY - 693421 (201900466)	3/3/2020 - GB6 - 19-7N-4W X665159 WDFD 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CONTINENT INC.) 05/25/2019
INCREASED DENSITY - 693422 (201900467)	3/3/2020 - GB6 - (I.O.) 18-7N-4W X665159 MSSP 4 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CONTINENT INC.) 05/25/2019
INCREASED DENSITY - 693423 (201900468)	3/3/2020 - GB6 - (I.O.) 19-7N-4W X665159 MSSP 4 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CONTINENT INC.) 05/25/2019
LOCATION EXCEPTION – 695819 (201900446)	3/3/2020 - GB6 - (I.O.) 18 & 19 -7N-4W X655159 MSSP, WDFD COMPL. INT. (18-7N-4W) NCT 165' FNL, NCT 0' FSL, NCT 1320' FWL COMPL. INT. (19-7N-4W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FWL NEWFIELD EXPLORATION MID-CONTINENT INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CONTINENT INC.) 05/08/2019

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.

MEMO	2/28/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 1 - WBM/CUTTINGS WILL BE SOIL FARMED & PIT 2 - OBM CUTTINGS TO BE HAUL TO R360/J SCOTT (587498) IN CANADIAN COUNTY - OBM TO VENDOR
SPACING - 695818 (201900445)	3/3/2020 - GB6 - (I.O.) 18 & 19 7N-4W EST MULTIUNIT HORIZONTAL WELL X655159 MSSP, WDFD (MSSP ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 18-7N-4W 50% 19-7N-4W NEWFIELD EXPLORATION MID-CONTINENT INC. (BOUGHT IN ITS ENTIRETY BY OVINTIV MID-CONTINENT INC.) 05/08/2019
SPACING – 655159	3/3/2020 - GB6 - (640)(HOR) 18 & 19 7N-4W EST MSSP, WDFD COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL (COEXIST SP. ORDER #203926 MISS)

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

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

COUNTY, OKLAHOMA

API 087-22290



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

DATUM: NAD-27  
LAT: 35°05'25.1" N  
LONG: 97°39'49.4" W  
LAT: 35.090302° N  
LONG: 97.663710° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: X 2100608  
Y: Y 639561

DATUM: NAD-83  
LAT: 35°05'25.3" N  
LONG: 97°39'50.5" W  
LAT: 35.090369° N  
LONG: 97.664025° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: X 2069011  
Y: Y 639604

This information was gathered with a GPS receiver with  $\pm 1$  foot Horiz./Vert. accuracy.

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



**DISTANCE & DIRECTION:** From Blanchard, OK go West  $\pm 1.1$  mile on St. Hwy. 76, then South  $\pm 2.8$  miles on South County Line road to the Southwest Corner of Section 7-T7N-R4W

1253' Gr. at Stake (NAVD88)

FILE NAME: LO MCCORN 0704 4HM-18X

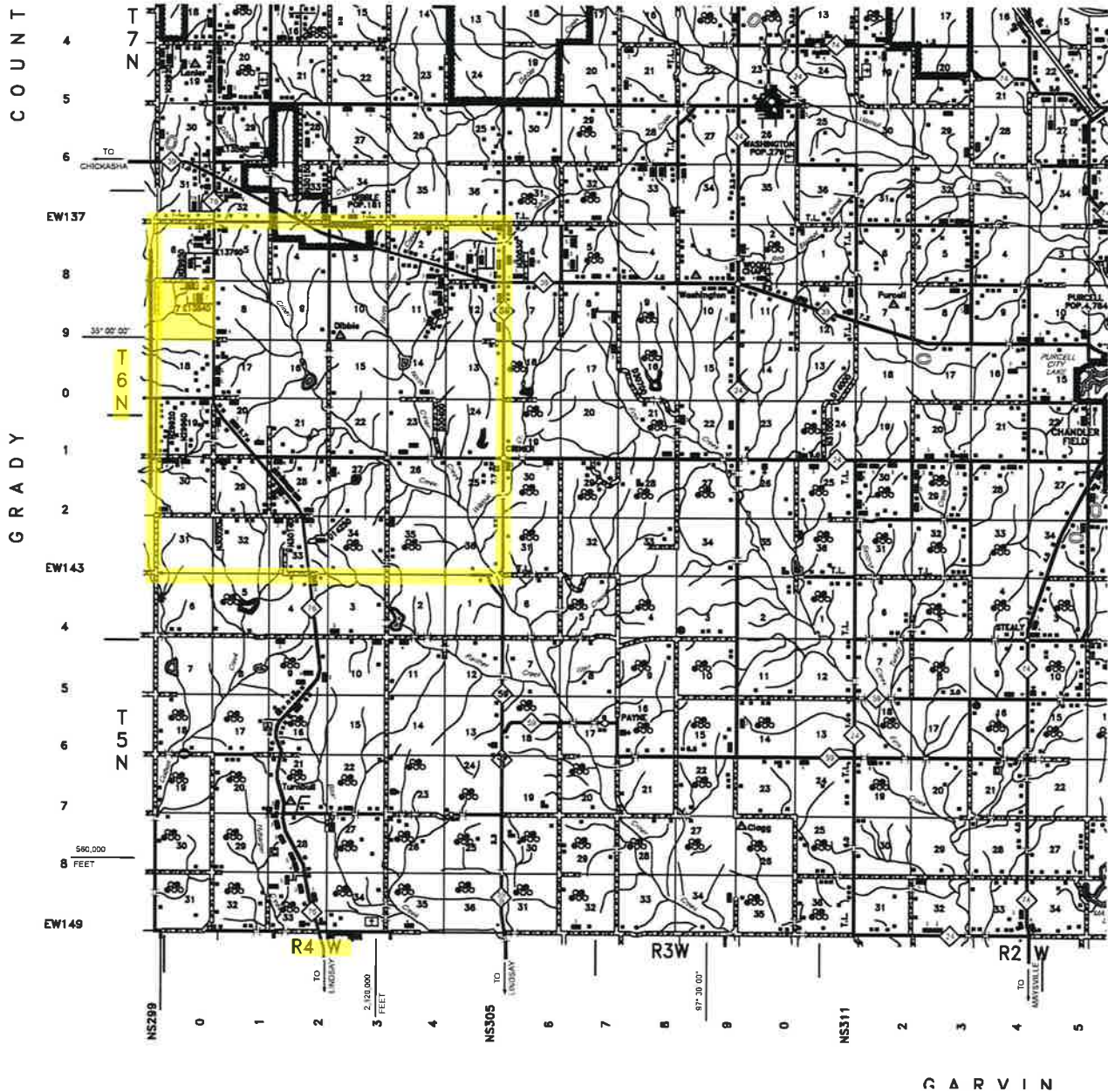


# TOPOGRAPHIC LAND SURVEYORS

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GRID  
NAD-83  
OK SOUTH  
US FEET  
1"=3 MILES



SECTION 7 TOWNSHIP 7N RANGE 4W I.M.  
COUNTY MCCLAIN STATE OKLAHOMA  
OPERATOR OVINTIV MID-CONTINENT INC.



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

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