

API NUMBER: 017 25682

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)Approval Date: 06/11/2021  
Expiration Date: 12/11/2022

Multi Unit Oil &amp; Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 06 Township: 14N Range: 9W County: CANADIAN

SPOT LOCATION: SW NE NE NW  
FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 657 2060

Lease Name: OTTO 31\_30\_19-15N-9W Well No: 4HXX Well will be 657 feet from nearest unit or lease boundary.

Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 4052353611; 4052353611; OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP  
333 W SHERIDAN AVE  
OKLAHOMA CITY, OK 73102-5015LARRY GLENN & CHRISTINE MOORE  
18621 234TH ROAD NW  
CALUMET OK 73014

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	9689
2	MISSISSIPPI SOLID	351MSSSD	10119
3	WOODFORD	319WDFD	11134

Spacing Orders:	176175	Location Exception Orders:	718438	Increased Density Orders:	718520
	612110				718498
	657910				718499
	649758				
	718433				

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 27011 Ground Elevation: 1448

Surface Casing: 690

Depth to base of Treatable Water-Bearing FM: 440

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

## Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-37641  
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: 8000 Average: 5000

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: Dog Creek

**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: Dog Creek

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: 15N	Range: 9W	Meridian: IM	Total Length: 16010
County: KINGFISHER				Measured Total Depth: 27011
Spot Location of End Point: NW NE NW NE				True Vertical Depth: 12000
Feet From: <b>NORTH</b>		1/4 Section Line: 50		End Point Location from
Feet From: <b>EAST</b>		1/4 Section Line: 1721		Lease, Unit, or Property Line: 50

## NOTES:

Category	Description
DEEP SURFACE CASING	[6/4/2021 - GB1] - NO DSC DUE TO SURFACE HOLE ISSUES IN SE4 6-14N-9W
HYDRAULIC FRACTURING	<p>[6/4/2021 - GB1] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 718498	<p>[6/11/2021 - GC2] - 19-15N-9W</p> <p>X176175 MSSSD</p> <p>3 WELLS</p> <p>DEVON ENERGY PRODUCTION COMPANY, L.P.</p> <p>5-21-2021</p>
INCREASED DENSITY - 718499	<p>[6/11/2021 - GC2] - 31-15N-9W</p> <p>X176175 MSSSD</p> <p>4 WELLS</p> <p>DEVON ENERGY PRODUCTION COMPANY, L.P.</p> <p>5-21-2021</p>
INCREASED DENSITY - 718520	<p>[6/11/2021 - GC2] - 30-15N-9W</p> <p>X657910 MSSP</p> <p>4 WELLS</p> <p>DEVON ENERGY PRODUCTION COMPANY, L.P.</p> <p>5-24-2021</p>
INTERMEDIATE CASING	[6/4/2021 - GB1] - 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 - 718438	<p>[6/11/2021 - GC2] - (I.O.) 19, 30 &amp; 31-15N-9W</p> <p>X176175 MSSSD 19 &amp; 31-15N-9W</p> <p>X612110 WDFD 31-15N-9W</p> <p>X657910 MSSP, WDFD 30-15N-9W</p> <p>X649785 WDFD 19-15N-9W</p> <p>X165:10-3-28(C)(2)(B) MSSP, MSSSD MAYBE CLOSER THAN 600' TO PROPOSED WELLS, NUNEMAKER 1-19, LOOSEN TRUST 1-31, AND LOTOCKA 2-31</p> <p>COMPL. INT. (31-15N-9W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FEL COMPL. INT. (30-15N-9W) NCT 0' FSL, NCT 0' FNL, NCT 1320' FEL COMPL. INT. (19-15N-9W) NCT 0' FSL, NCT 165' FNL, NCT 1320' FEL DEVON ENERGY PRODUCTION COMPANY, L.P</p> <p>5-19-2021</p>
MEMO	[6/4/2021 - GB1] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 176175	<p>[6/11/2021 - GC2] - (640) 19, 30 &amp; 31-15N-9W</p> <p>EST OTHERS</p> <p>EXT OTHERS</p> <p>EXT 11184 MSSSD</p>
SPACING - 612110	<p>[6/11/2021 - GC2] - (640) 31-15N-9W</p> <p>EXT 591627 WDFD</p>

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 - 649758	[6/11/2021 - GC2] - (640) 19-15N-9W EST WDFD
SPACING - 657910	[6/11/2021 - GC2] - (640)(HOR) 30-15N-9W EXT 649977 WDFD EST MSSP COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL COMPL. INT. (MSSP) NCT 660' FB (COEXIST SPACING ORDER 176175 MSSSD, OTHERS 30-15N-9W)
SPACING - 718433	[6/11/2021 - GC2] - (I.O.) 19, 30 & 31-15N-9W EST MULTIUNIT HORIZONTAL WELL X176175 MSSSD 19 & 31-15N-9W X612110 WDFD 31-15N-9W X657910 MSSP, WDFD 30-15N-9W X649758 WDFD 19-15N-9W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSSD, MSSP) 33% 19-15N-9W 34% 30-15N-9W 33% 31-15N-9W DEVON ENERGY PRODUCTION COMPANY, L.P. 5-19-2021

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