

API NUMBER: 017 25965

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

Approval Date: 05/30/2023

Expiration Date: 11/30/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 16 Township: 14N Range: 9W County: CANADIAN

SPOT LOCATION: ☐ NE ☐ SE ☐ SE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 2051 2463

Lease Name: LORETTA 16_21_28-14N-9W Well No: 5HXX Well will be 2051 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 73102-5015

MARK & MELISSA WILKERSON
5195 N. MANNING ROAD
EL RENO OK 73036

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

	Name	Code	Depth
1	MISSISSIPPI LIME	351MSSLM	9567
2	MISSISSIPPIAN	359MSSP	9650

Spacing Orders: 658382
628536
733095
733435

Location Exception Orders: 733441

Increased Density Orders: 732386
733325
731752

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 24226

Ground Elevation: 1451

Surface Casing: 680

Depth to base of Treatable Water-Bearing FM: 430

Under Federal Jurisdiction: Yes

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: 23-38948

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR
REQUEST, OBM RETURNED TO VENDOR

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: 28	Township: 14N	Range: 9W	Meridian: IM	Total Length: 13296
County: CANADIAN				Measured Total Depth: 24226
Spot Location of End Point: SE	SE	SW	SE	True Vertical Depth: 10658
Feet From: SOUTH	1/4 Section Line: 50			End Point Location from
Feet From: EAST	1/4 Section Line: 1534			Lease, Unit, or Property Line: 50

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[5/24/2023 - GE7] - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; 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 FRACFOCUS.ORG</p>
INCREASED DENSITY - 731752	<p>[5/30/2023 - GB7] - 16-14N-9W X658382 MSSP 6 WELLS DEVON ENERGY PRODUCTION COMPANY LP 01/27/2023</p>
INCREASED DENSITY - 732386	<p>[5/30/2023 - GB7] - 21-14N-9W X628536 MSSLM 3 WELLS DEVON ENERGY PRODUCTION COMPANY LP 02/24/2023</p>
INCREASED DENSITY - 733325 (CD2023-000033)	<p>[5/30/2023 - GB7] - (I.O.) 28-14N-9W X733095 MSSP 2WELLS DEVON ENERGY PRODUCTION COMPANY LP 03/30/2023</p>
INTERMEDIATE CASING	<p>[5/24/2023 - GE7] - 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</p>
LOCATION EXCEPTION - 733441 (CD2023-000027)	<p>[5/30/2023 - GB7] - (I.O.) 16, 21, 28-14N-9W X658382 MSSP, OTHER 16-14N-9W X578684 OTHER 21-14N-9W X628536 MSSLM 21-14N-9W X733095 MSSP 28-14N-9W X584192 OTHER 28-14N-9W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO WILKERSON 1-16 (API# 017-23633), LION 16_9_4-14N-9W 4HXX THROUGH 6HXX COMPL. INT. NCT 1320' FNL, NCT 0' FSL, NCT 660' FEL (16-14N-9W) COMPL. INT. NCT 0' FNL, NCT 0' FSL, NCT 660' FEL (21-14N-9W) COMPL. INT. NCT 0' FNL, NCT 165' FSL, NCT 660' FEL (28-14N-9W) DEVON ENERGY PRODUCTION COMPANY LP 04/04/2023</p>
MEMO	<p>[5/24/2023 - GE7] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
PUBLIC WATER SUPPLY	<p>[5/24/2023 - GE7] - OKARCHE - 2 WELLS E2 17-14N-9W</p>
SPACING - 628536	<p>[5/30/2023 - GB7] - (640) 21-14N-9W EXT OTHER EST MSSLM</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 - 658382	[5/30/2023 - GB7] - (640)(HOR) 16-14N-9W EXT 648601/593793 MSSP, OTHERS COMPL INT NCT 660' FB (COEXIST WITH SP # 193707 MSSSD, # 199782 MNNG, CSTR)
SPACING - 733095	[5/30/2023 - GB7] - (640)(HOR) 28-14N-9W EST MSSP COMPL. INT. NCT 660' FB (COEXIST WITH NON-HORIZONTAL SPACING UNITS)
SPACING - 733435 (CD2023-000020)	[5/30/2023 - GB7] - (I.O.) 16, 21, 28-14N-9W EST MULTIUNIT HORIZONTAL WELL X658382 MSSP, OTHER (16-14N-9W) X578684 OTHER (21-14N-9W) X628536 MSSLM (21-14N-9W) X733095 MSSP (28-14N-9W) X584192 OTHER (28-14N-9W) 20% 16-14N-9W 40% 21-14N-9W 40% 28-14N-9W DEVON ENERGY PRODUCTION COMPANY LP 04/04/2023
SURFACE CASING	[5/24/2023 - GE7] - NO DEEP SURFACE CASING ALLOWED DUE TO BEING INSIDE PUBLIC WATER SUPPLY BOUNDARY

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.

017 25965 LORETTA 16_21_28-14N-9W 5HXX