

API NUMBER: 017 25940

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

Approval Date: 03/24/2023

Expiration Date: 09/24/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: ☐ NW ☐ SW ☐ SW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 2052 2469

Lease Name: LION 16_9_4-14N-9W Well No: 4HXX Well will be 2052 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	MISSISSIPPIAN	359MSSP	9524
2	WOODFORD	319WDFD	10973

Spacing Orders: 682693 Location Exception Orders: 731917 Increased Density Orders: 731750
475493 731751
648601 731752
593703
658382
731912

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 22951 Ground Elevation: 1442 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: 23-38948
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? 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: 4	Township: 14N	Range: 9W	Meridian: IM	Total Length: 12945
County: CANADIAN				Measured Total Depth: 22951
Spot Location of End Point: NW	NE	NE	NW	True Vertical Depth: 11000
Feet From: NORTH	1/4 Section Line: 50			End Point Location from
Feet From: WEST	1/4 Section Line: 2264			Lease, Unit, or Property Line: 50

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[3/23/2023 - GC2] - 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 - 731750	<p>[3/24/2023 - G56] - 4-14N-9W X682693 MSSP 4 WELLS DEVON ENERGY PROD CO, LP 1/27/2023</p>
INCREASED DENSITY - 731751	<p>[3/24/2023 - G56] - 9-14N-9W X648601 MSSP 3 WELLS DEVON ENERGY PROD CO, LP 1/27/2023</p>
INCREASED DENSITY - 731752	<p>[3/24/2023 - G56] - 16-14N-9W X658382 MSSP 6 WELLS DEVON ENERGY PROD CO, LP 1/27/2023</p>
INTERMEDIATE CASING	<p>[3/23/2023 - 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</p>
LOCATION EXCEPTION - 731917	<p>[3/24/2023 - G56] - (I.O.) 4, 9 & 16-14N-9W X682693 MSSP 4-14N-9W X475493 WDFD 4-14N-9W X648601 MSSP 9-14N-9W X593703 WDFD 9-14N-9W X658382 MSSP, WDFD 16-14N-9W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO STROUD 3-4A (017-23811), GRIFFITH FARMS 1-4 (017-23797), WILKERSON 1-16 (017-23633) WELLS COMPL INT (4-14N-9W) NCT 165' FNL, NCT 0' FSL, NCT 1980' FWL COMPL INT (9-14N-9W) NCT 0' FNL, NCT 0' FSL, NCT 1980' FWL COMPL INT (16-14N-9W) NCT 1320' FNL, NCT 1320' FSL, NCT 1980' FWL DEVON ENERGY PROD CO, LP 2/2/2023</p>
MEMO	<p>[3/23/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
PUBLIC WATER SUPPLY	<p>[3/23/2023 - GC2] - OKARCHIE - 2 WELLS NE/4 17-14N-9W</p>
SPACING - 475493	<p>[3/24/2023 - G56] - (640) 4-14N-9W EST OTHER EXT 179994 WDFD, OTHERS</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 - 593703	[3/24/2023 - G56] - (640)(HOR) 9-14N-9W VAC 199782 WDFD EST WDFD COMPL INT NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 648601	[3/24/2023 - G56] - (640)(HOR) 9-14N-9W EST OTHER VAC 193707 MSSSD, OTHER VAC 199782 MNNG, CSTR EXT 641050 MSSP COMPL INT NCT 660' FB
SPACING - 658382	[3/24/2023 - G56] - (640)(HOR) 16-14N-9W EXT 648601/593793 MSSP, WDFD, OTHER COMPL INT (MSSP) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST WITH SP # 193707 MSSSD, # 199782 MNNG, CSTR, WDFD)
SPACING - 682693	[3/24/2023 - G56] - (640)(HOR) 4-14N-9W EXT 648601 MSSP COMPL INT NCT 660' FB (COEXIST WITH SP # 199707 MNNG, MSSSD, CSTRU)
SPACING - 731912	[3/24/2023 - G56] - (I.O.) 4, 9 & 16-14N-9W EST MULTIUNIT HORIZONTAL WELL X682693 MSSP 4-14N-9W X475493 WDFD 4-14N-9W X648601 MSSP 9-14N-9W X593703 WDFD 9-14N-9W X658382 MSSP, WDFD 16-14N-9W (WDFD IS ADJACENT CSS TO MSSP) 40% 4-14N-9W 40% 9-14N-9W 20% 16-14N-9W DEVON ENERGY PROD CO, LP 2/2/2023
SURFACE CASING	[3/23/2023 - GC2] - NO DEEP SURFACE CASING DUE TO BEING INSIDE PUBLIC WATER SUPPLY BOUNDARIES

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017 25940 LION 16_9_4-14N-9W 4HXX