

API NUMBER: 011 24372

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

Approval Date: 02/12/2024

Expiration Date: 08/12/2025

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 36 Township: 15N Range: 12W County: BLAINE

SPOT LOCATION: ☐ SE ☐ NE ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 716 2434

Lease Name: BIRCH 36_25_24-15N-12W

Well No: 4HXX

Well will be 716 feet from nearest unit or lease boundary.

Operator Name: DEVON ENERGY PRODUCTION COMPANY

Telephone: 4052353611; 4052353611;

OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION COMPANY LP
333 W SHERIDAN AVE
OKLAHOMA CITY, OK 73102-5015

JERRY DON AND LAURA PIERCE
81459 N. 2590 ROAD
WATONGA OK 73772

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10600
2	WOODFORD	319WDFD	12435

Spacing Orders: 664042
578020
580850
738882

Location Exception Orders: 738885

Increased Density Orders: 738931
738888
738886

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special Orders

Total Depth: 27095

Ground Elevation: 1570

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 50

Deep surface casing has been approved

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: 24-39422

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: MARLOW

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: MARLOW

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: 24	Township: 15N	Range: 12W	Meridian: IM
County: BLAINE		Total Length: 14634	
Spot Location of End Point: NW NE NW NE		Measured Total Depth: 27095	
Feet From: NORTH		1/4 Section Line: 50	End Point Location from
Feet From: EAST		1/4 Section Line: 1700	Lease, Unit, or Property Line: 50
True Vertical Depth: 12435			

Additional Surface Owner(s)	Address	City, State, Zip
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NOTES:

Category	Description
DEEP SURFACE CASING	[2/9/2024 - GE7] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	[2/9/2024 - GE7] - OCC 165:10-3-10 REQUIRES: 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; 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 6000NH SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS ; AND, 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
INCREASED DENSITY - 738886	[2/12/2024 - GB7] - 24-15N-12W X580850 MSSP 2 WELLS DEVON ENERGY PRODUCTION COMPANY LP 12/05/2023
INCREASED DENSITY - 738888	[2/12/2024 - GB7] - 25-15N-12W X578020 MSSP 3 WELLS DEVON ENERGY PRODUCTION COMPANY LP 12/05/2023
INCREASED DENSITY - 738931	[2/12/2024 - GB7] - 36-15N-12W X664042 MSSP 3 WELLS DEVON ENERGY PRODUCTION COMPANY LP 12/06/2023
INTERMEDIATE CASING	[2/9/2024 - 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
LOCATION EXCEPTION - 738885 (CD2023-002766)	[2/12/2024 - GB7] - (I.O.) 24, 25 & 36-15N-12W X580850 MSSP, WDFD X578020 MSSP, WDFD X664042 MSSP, WDFD COMPL INT NCT 0' FNL, NCT 165' FSL, NCT 1320' FEL (36-15N-12W) COMPL INT NCT 0' FNL, NCT 0' FSL, NCT 1320' FEL (25-15N-12W) COMPL INT NCT 165' FNL, NCT 0' FSL, NCT 1320' FEL (24-15N-12W) DEVON ENERGY PRODUCTION COMPANY LP 12/05/2023
MEMO	[2/9/2024 - GE7] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 578020	[2/12/2024 - GB7] - (640) 25-15N-12W EXT 117120/85095 MSSP, WDFD, OTHERS
SPACING - 580850	[2/12/2024 - GB7] - (640) 24-15N-12W EXT 574743 MSSP, WDFD, OTHERS

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 - 664042	[2/12/2024 - GB7] - (640)(HOR) 36-15N-12W VAC 117120 CSTR, MSSP EST MSSP, WDFD COMPL INT NCT 660' FB (MSSP) COMPL INT NCT 165' FNL/FSL, NCT 330 FEL/FWL (WDFD)
SPACING - 738882 (CD2023-002763)	[2/12/2024 - GB7] - (I.O.) 24, 25 & 36-15N-12W EST MULTIUNIT HORIZONTAL WELL X580850 MSSP, WDFD X578020 MSSP, WDFD X664042 MSSP, WDFD 33% 24-15N-12W 34% 25-15N-12W 33% 36-15N-12W DEVON ENERGY PRODUCTION COMPANY LP 12/05/2023

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.