

API NUMBER: 073 26939 A

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

Approval Date: 10/14/2022

Expiration Date: 04/14/2024

Multi Unit Oil & Gas

Amend reason: AMEND SHL & BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 31 Township: 16N Range: 9W County: KINGFISHER

SPOT LOCATION: SE SE NE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1622 245

Lease Name: BORNBOOMER 31_30-16N-9W Well No: 4HX Well will be 245 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

LINDA SHELBY
2165 LAWTON AVE.
SULPHUR OK 73086

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	8660
2	MISSISSIPPIAN (LESS CHESTER)	359MSNLC	9530
3	WOODFORD	319WDFD	10015

Spacing Orders: 644192
637157
683931
728825

Location Exception Orders: 727279

Increased Density Orders: 727887
727163

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 20057

Ground Elevation: 1191

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 340

Deep surface casing has been approved

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 22-38638

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? 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: CHICKASHA

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: CHICKASHA

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: 30	Township: 16N	Range: 9W	Meridian: IM	Total Length: 10326	
County: KINGFISHER			Measured Total Depth: 20057		
Spot Location of End Point: NW NE NW NE			True Vertical Depth: 11000		
Feet From: NORTH		1/4 Section Line: 50		End Point Location from	
Feet From: EAST		1/4 Section Line: 1889		Lease, Unit, or Property Line: 50	

Additional Surface Owner(s)	Address	City, State, Zip
PATT SANDEFUR	15639 E. 760 RD.	KINGFISHER, OK 73750

NOTES:

Category	Description
DEEP SURFACE CASING	[10/13/2022 - GC2] - 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	[10/13/2022 - GC2] - 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 6000NHF 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 - 727163	[10/14/2022 - G56] - 30-16N-9W X637157/683931 MSSP 1 WELL NO OP NAMED 7/26/2022
INCREASED DENSITY - 727887	[10/14/2022 - G56] - 31-16N-9W X644192 MSNLC 1 WELL NO OP NAMED 8/25/2022
INTERMEDIATE CASING	[10/13/2022 - 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
LOCATION EXCEPTION - 727279	[10/14/2022 - G56] - (I.O.) 31 & 30-16N-9W X644192 MSNLC, WDFD 31-16N-9W X637157/683931 MSSP, WDFD 30-16N-9W COMPL. INT. (31-16N-9W) NCT 165' FSL, NCT 0' FNL, NCT 990' FEL COMPL. INT. (30-16N-9W) NCT 0' FSL, NCT 165' FNL, NCT 990' FEL DEVON ENERGY PROD. CO., L.P. 7/29/2022
MEMO	[10/13/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 637157	[10/14/2022 - G56] - (640)(HOR) 30-16N-9W VAC 245726/245954 CSTRU, MNNG SE4 ** VAC 168134/169097 MSSSD, OTHER SE4 EST MSSP, WDFD, OTHER POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER # 245726/245954 CSTRU, MNNG W2 & NE4; ORDER # 168134/169097 MSSSD W2 & NE4)

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 - 644192	[10/14/2022 - G56] - (640)(HOR) 31-16N-9W VAC 168134/169097 MSSSD NW4, S2 VAC OTHER EST MSNLC, WDFD, OTHER POE TO BHL (MSNLC) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER # 168134/169097 MSSSD NE4)
SPACING - 683931	[10/14/2022 - G56] - NPT ORDER 637157 TO VAC 254726/245964 CSTRU MNNG SE4 AND COEXIST WITH 254726/245964 CSTRU, MNNG W2, NE4
SPACING - 728825	[10/14/2022 - G56] - (I.O.) 31 & 30-16N-9W EST MULTIUNIT HORIZONTAL WELL X644192 MSNLC, WDFD 31-16N-9W X637157/683931 MSSP, WDFD 30-16N-9W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSNLC, MSSP) 50% 31-16N-9W 50% 30-16N-9W DEVON ENERGY PROD. CO., L.P. 9/29/2022

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073 26939 BORNBOOMER 31_30-16N-9W 4HX