API NUMBER: В 011 24258

**OKLAHOMA CORPORATION COMMISSION** OIL & GAS CONSERVATION DIVISION P.O. BOX 52000

**OKLAHOMA CITY, OK 73152-2000** (Rule 165:10-3-1)

Approval Date: 03/11/2021 09/11/2022 Expiration Date:

Multi Unit Oil & Gas

Amend reason: AMENDING BHL AND UPDATING ORDERS

## AMEND PERMIT TO DRILL

/MENDIE	MILL TO BILLE
WELL LOCATION: Section: 27 Township: 15N Range: 10W County:	BLAINE
SPOT LOCATION: SW NW NE FEET FROM QUARTER: FROM NORTH	FROM EAST
SECTION LINES: 388	2429
Lease Name: COLUMBINE 22_15_10-15N-10W Well No: 2HXX	Well will be 388 feet from nearest unit or lease boundary.
Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 4052353	3611; 4052353611; OTC/OCC Number: 20751 0
DEVON ENERGY PRODUCTION CO LP	PERRY CASTONGUAY AND KAREN CASTONGUAY
333 W SHERIDAN AVE	268877 E 830 ROAD
OKLAHOMA CITY, OK 73102-5015	
ONEARIOWA OTTT, ON 75102 3013	OMEGA OK 73764
	_
Formation(s) (Permit Valid for Listed Formations Only):	
Name Code Depth	]
1 MISSISSIPPIAN 359MSSP 9555	
2 MISSISSIPPI 351MISS 9555	
3 WOODFORD 319WDFD 11010	
Spacing Orders: 639827 Location Exception Order	ors: No Exceptions Increased Density Orders: 715456
642784	715457
302663 588796	717942
	No October Order
Pending CD Numbers: 202100593 Working interest own	ers' notified: *** Special Orders: No Special Orders
202100595	
Total Depth: 26975 Ground Elevation: 1504 Surface Casing	: 600 Depth to base of Treatable Water-Bearing FM: 40
,	Deep surface casing has been approved
	Deep surface casing has been approved
Under Federal Jurisdiction: No	Approved Method for disposal of Drilling Fluids:
Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes	D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-37527
Surface water used to Brill. Tes	H. (Other) SEE MEMO
PIT 1 INFORMATION	Category of Pit: C
Type of Pit System: CLOSED Closed System Means Steel Pits	Liner not required for Category: C
Type of Mud System: WATER BASED	Pit Location is: AP/TE DEPOSIT
Chlorides Max: 8000 Average: 5000	Pit Location Formation: TERRACE
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 <u>is</u> located in a Hydrologically Sensitive Area.	
DIT O INICODMATION	Outcome of Pile O
PIT 2 INFORMATION  Type of Pit System: CLOSED Closed System Means Steel Pits	Category of Pit: C Liner not required for Category: C
Type of Mud System: OIL BASED	Pit Location is: AP/TE DEPOSIT
Chlorides Max: 300000 Average: 200000	Pit Location Formation: TERRACE
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 <u>is</u> located in a Hydrologically Sensitive Area.	

MULTI UNIT HOLE 1

Section: 10 Township: 15N Range: 10W Meridian: IM Total Length: 15908

County: BLAINE Measured Total Depth: 26975

Spot Location of End Point: N2 NW NW NW True Vertical Depth: 11500

Feet From: NORTH 1/4 Section Line: 50 End Point Location from
Feet From: WEST 1/4 Section Line: 330 Lease,Unit, or Property Line: 50

NOTES:

NOTES:	
Category	Description
DEEP SURFACE CASING	[3/9/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	[3/9/2021 - 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 HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; 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 - 715456	[3/11/2021 - GC2] - 15-15N-10W X639827 MSSP 4 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 11-20-2020
INCREASED DENSITY - 715457	[3/11/2021 - GC2] - 22-15N-10W X642784 MSSP 4 WELLS DEVON PRODUCTION COMPANY, L.P. 11-20-2020
INCREASED DENSITY - 717942	[4/30/2021 - GC2] - 10-15N-10W X302663 MISS 4 WELLS NO OP NAMED 4-23-2021
INTERMEDIATE CASING	[3/11/2021 - 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
МЕМО	[ $3/9/2021$ - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202100593	[4/30/2021 - GC2] - (E.O.) 10, 15, & 22-15N-10W ESTABLISH MULTIUNIT HORIZONTAL WELL X302663 MISS 10-15N-10W X588796 WDFD 10-15N-10W X639827 MSSP, WDFD 15-15N-10W X642784 MSSP, WDFD 22-15N-10W (WDFD ADJACENT COMMON SOURCE OF SUPPLY FOR MSSP/MISS) 33% 10-15N-10W 34% 15-15N-10W 33% 22-15N-10W DEVON ENERGY PRODUCTION COMPANY, L.P. REC. 4-26-2021 (MILLER)

PENDING CD - 202100595	[4/30/2021 - GC2] - (E.O.) 10, 15 & 22-15N-10W X302663 MISS 10-15N-10W X588796 WDFD 10-15N-10W X639827 MSSP, WDFD 15-15N-10W X642784 MSSP, WDFD 22-15N-10W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO DAKOTA-CAROL 1H AND COLUMBINE 22_15_10-15N-10W 3HX COMPL. INT. (22-15N-10W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (15-15N-10W) NCT 0' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (10-15N-10W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL DEVON ENERGY PRODUCTION COMPANY, L.P. REC. 4-26-2021 (MILLER)
SPACING - 302663	[3/29/2021 - GC2] - (640) 10-15N-10W VAC OTHER EXT OTHERS EXT 176185/176185 MISS
SPACING - 588796	[3/29/2021 - GC2] - (640) 10-15N-10W EST WDFD, OTHERS EXT OTHER
SPACING - 639827	[3/11/2021 - GC2] - (640)(HOR) 15-15N-10W EST MSSP, WDFD, OTHER COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL
SPACING - 642784	[3/11/2021 - GC2] - (640)(HOR) 22-15N-10W EXT 639827 MSSP, WDFD, OTHER COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P. Yukon, OK 73099 LEASE NAME: COLUMBINE 22\_15\_10-15N-10W **DISTANCE & DIRECTION FROM HWY JCT OR TOWN:** 405.787.6270 † 405.787.6276 f WELL NO. 2HXX FROM THE INTERSECTION OF HWY 281 & HWY 33 IN www.craftontull.com WATONGA, GO E. ON HWY 33 4 MI. TO N2610 RD. GO S. 7 MI. **GOOD DRILL SITE:**YES Crafton Tull TO E0880 RD. GO E. 5.5 MI. WELL PAD ON S. SIDE OF RD. COUNTY, STATE:OK **BLAINE** PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED. PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA IS OBSERVED FROM RIX-GPS. **GROUND ELEVATION:**1504.05' GR. AT STAKE SURFACE HOLE FOOTAGE: 2429' FEL - 388' FNL OBSERVED FROM RTK-GPS.

NOTE: X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, <u>DOES NOT</u> REPRESENT A TRUE BOUNDARY SURVEY.

QUARTER SECTION DISTANCES MAY BE ASSUMED FROM A GOVERNMENT SURVEY PLAT OR ASSUMED AT A PROPORTIONATE DISTANCE FROM OPPOSING SECTION CORNERS, OR OCCUPATION THEREOF, AND MAY NOT HAVE BEEN MEASURED ON THE GROUND, AND FURTHER, <u>DOES NOT</u> REPRESENT A TRUE BOUNDARY SURVEY. SECTION: 27 TOWNSHIP: T15N RANGE: R10W BOTTOM HOLE: 10-T15N-R10W,I.M. ACCESSIBILITY TO LOCATION: FROM NORTH LINE **TOPOGRAPHY & VEGETATION:** Ν LOCATION FELL IN A FIELD COUNTY, OKLAHOMA **BLAINE** GRID NORTH (NAD 27) OKLAHOMA - NORTH ZONE <u>2429' FEL - 388' FNL</u> **SECTION** <u>27</u> **TOWNSHIP** <u>15N</u> **RANGE** <u>10W</u> **I.M.** API:011-24258B BOTTOM HOLE 330' FWL - 50' FNL 35° 47' 51.53" NORTH 98° 15' 32.42" WEST X:1923188.4 NW COR. NE COR. SEC. 10 SEC. 10 20, X=1928141 Y=290496 X=1922859 Y:290452.2 LAT: 35.79764786 Y=290503 LONG:-98.25900660 330 X=1925500 Y=290500 LAST PERFORATION POINT 330' FWL - 165' FNL X=1922846 X=1928124 10 **SURFACE HOLE DATA** X=1928107 X=1922834 **STATE PLANE COORDINATES:** Y=285197 NE COR. **ZONE:** OK-NORTH NAD27 **NW COR** X: 1925663.7 SFC 15 SEC. 15 GPS DATUM: NAD27 LAT: <u>35.75316896</u> LONG: <u>-98.25051892</u> X=1922823 X=1928108 Y=282546 15 STATE PLANE COORDINATES: **ZONE: OK-NORTH NAC** X: 1894064.3 **GPS DATUM: NAD83** X=1928109 X=1925460 LAT: <u>35.75321347</u> X=1922811 Y=279923 **LONG:** -98.25086003 NE COR. NW COR. SEC. 22 SEC. 22 **BOTTOM HOLE DATA** STATE PLANE COORDINATES: **ZONE:** OK-NORTH NAD2 X=1922805 X=1928104 X: 1923188.4 Y=277284 22 Y: 290452.2 GPS DATUM: NAD27 FIRST PERFORATION POINT **LAT:** 35.79764786 330' FWL- 165' FSL LONG: <u>-98.25900660</u> NW COR. 388 **STATE PLANE COORDINATES:** SEC. 27 X=1928094 X=1925447 X=1922800 Y=274645 **ZONE**: OK-NORTH NAD83 Y=274643 Y=274642 **X**:1891588.6 NE COR. COLUMBINE 22\_15\_10-15N-10W 2HXX **Y**: 290476.0 SEC. 27 2429' FEL - 388' FNL 35° 45' 11.41" NORTH 98° 15' 01.87" WEST X:1925665.7 2429 GPS DATUM: NAD83 LAT: <u>35.79769118</u> LONG: <u>-98.25934925</u> Y:274255.2 **BOTTOM HOLE** LAT: 35.75316896 LONG:-98.25051892 27 INFORMATION PROVIDED ELEV:1504.05 X=1922800 BY OPERATOR LISTED. SSIONAL X=1928072 X=1922801 Y=269364 Y=269386 SE COR SW COR **DENVER** X=1925436 SEC. 27 SEC. 27 Y=269376 WINCHESTER 1952 **GRAPHIC SCALE IN FEET** OKLAHOMA 1500 3000 3000 0 **REVISION** "COLUMBINE 22\_15\_10-15N-10W 2HXX" **Bottom Hole Change** PART OF THE NE/4 OF SECTION 27, T-15-N, R-10-W devon PROPOSED DRILL SITE
BLAINE COUNTY, OKLAHOMA

300 Pointe Parkway Blvd.

DC SHEET NO.:

1 OF 6

SCALE: 1" = 3000"