		TION COMMISSION		
API NUMBER: 011 24259 A OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000 (Pittle 165:10 2.1)			Approval D	
		Expiration	Date: 09/11/2022	
ulti Unit Oil & Gas	(Rule 165:1	10-3-1)		
nend reason: EXTENDING LATERAL, CHANGING NAME, RDERS AND BHL	AMEND PERMI	T TO DRILL		
WELL LOCATION: Section: 27 Township: 15N	Range: 10W County: BLAIN	١E		
SPOT LOCATION: SW NW NW NE FEET F	ROM QUARTER: FROM NORTH FROM	M EAST		
	SECTION LINES: 388	2399		
Lease Name: COLUMBINE 22_15_10-15N-10W	Well No: 3HXX	Well w	vill be 388 feet from	nearest unit or lease boundary
Operator Name: DEVON ENERGY PRODUCTION CO LP	Telephone, 1050250011.	4050050044.	OTC	C/OCC Number: 20751 0
	Telephone: 4052353611; 4	1052353611;	010	C/OCC Number. 20751 C
DEVON ENERGY PRODUCTION CO LP		PERRY CASTONGUAY	AND KAREN CAST	TONGUAY
333 W SHERIDAN AVE		26887 E 830 RD		
			OK	70704
		OMEGA	OK	73764
	J			
Formation(s) (Permit Valid for Listed Formations	s Only):			
Name Code	Depth			
1 MISSISSIPPIAN 359MSSP	9555			
2 MISSISSIPPI 351MISS	9555			
3 WOODFORD 319WDFD	11010			
Spacing Orders: 639827	Location Exception Orders: N	No Exceptions	Increased Der	nsity Orders: 715456
642784				715457
302663				
Pending CD Numbers: 202100217	Working interest owners' no	otified: ***	Spe	ecial Orders: No Special Orders
202100221				
202100224				
Total Depth: 26773 Ground Elevation: 1502	Surface Casing: 600)	Depth to base of Treatable	Water-Bearing FM: 40
	Γ		Deep surf	ace casing has been appl
			•	J
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No	-	Approved Method for disposal		
Surface Water used to Drill: Yes		D. One time land application (R	,	PERMIT NO: 21-37527
	H	H. (Other)	SEE MEMO	
PIT 1 INFORMATION		Category of Pit: 0	2	
Type of Pit System: CLOSED Closed System Means	Steel Pits	Liner not required for Category	y: C	
Type of Mud System: WATER BASED		Pit Location is: A	AP/TE DEPOSIT	
Chlorides Max: 8000 Average: 5000		Pit Location Formation: T	ERRACE	
Is depth to top of ground water greater than 10ft below bas	e of pit? Y			
Within 1 mile of municipal water well? N				
Wellhead Protection Area? N				
Wellhead Protection Area? N		Category of Pit: 0	;	
Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means	Steel Pits	Liner not required for Category	y: C	
Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Type of Mud System: OIL BASED	Steel Pits	Liner not required for Category Pit Location is: A	y: C Ap/te deposit	
Wellhead Protection Area? N Pit <u>is</u> located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Type of Mud System: OIL BASED Chlorides Max: 300000 Average: 200000		Liner not required for Category	y: C Ap/te deposit	
Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Type of Mud System: OIL BASED Chlorides Max: 300000 Average: 200000 Is depth to top of ground water greater than 10ft below base		Liner not required for Category Pit Location is: A	y: C Ap/te deposit	
Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Type of Mud System: OIL BASED Chlorides Max: 300000 Average: 200000 Is depth to top of ground water greater than 10ft below bas Within 1 mile of municipal water well?		Liner not required for Category Pit Location is: A	y: C Ap/te deposit	
Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Type of Mud System: OIL BASED Chlorides Max: 300000 Average: 200000 Is depth to top of ground water greater than 10ft below base		Liner not required for Category Pit Location is: A	y: C Ap/te deposit	

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.

Section: 10 Township: 15N Range: 10W Meridian: IM Total Length: 15730 County: BLAINE Measured Total Depth: 26773 Spot Location of End Point: NW True Vertical Depth: 11500 Feet From: NORTH 1/4 Section Line: 50	MULTI UNIT HOLE 1			
Spot Location of End Point: NW NE NW True Vertical Depth: 11500 Feet From: NORTH 1/4 Section Line: 50 End Point Location from	Section: 10 Township: 15N Ra	nge: 10W Meridian: IM	Total Length:	15730
Feet From: NORTH 1/4 Section Line: 50 End Point Location from	County: BLAINE		Measured Total Depth:	26773
End Point Location from	Spot Location of End Point: NW NE	NE NW	True Vertical Depth:	11500
	Feet From: NORTH	1/4 Section Line: 50	End Point Location from	
Feet From: WEST 1/4 Section Line: 2192 Lease, Unit, or Property Line: 50	Feet From: WEST	1/4 Section Line: 2192	Lease, Unit, or Property Line:	50

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
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
MEMO	[3/9/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202100217	[3/29/2021 - GC2] - (I.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. 3-23-2021 (P. PORTER)

PENDING CD - 202100221	[3/29/2021 - GC2] - (I.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 COLUMBINE 22_15_10-15N-10W 2HX, COLUMBINE 22_15_10-15N-10W 4HX, AND COLUMBINE 22_15_10-15N-10W 5HX, COMPL. INT. (22-15N-10W) NCT 165' FSL, NCT 0' FNL, NCT 1650' FWL COMPL. INT. (15-15N-10W) NCT 0' FSL, NCT 0' FNL, NCT 1650' FWL COMPL. INT. (10-15N-10W) NCT 0' FSL, NCT 165' FNL, NCT 1650' FWL NO OP NAMED REC. 3-23-2021 (P. PORTER)
PENDING CD - 202100224	[3/29/2021 - GC2] - 10-15N-10W X302663 MISS 4 WELLS NO OP NAMED REC. 3-23-2021 (P. PORTER)
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

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 t 405.787.6276 f www.craftontull.com



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OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P. LEASE NAME: COLUMBINE 22_15_10-15N-10W WELL NO. 3HXX GOOD DRILL SITE: YES COUNTY, STATE:OK **BLAINE**

ACCESSIBILITY TO LOCATION: FROM NORTH LINE

GROUND ELEVATION: 1502.40' GR. AT STAKE SURFACE HOLE FOOTAGE: 2399' FEL - 388' FNL SECTION: 27 TOWNSHIP: T15N RANGE: R10W

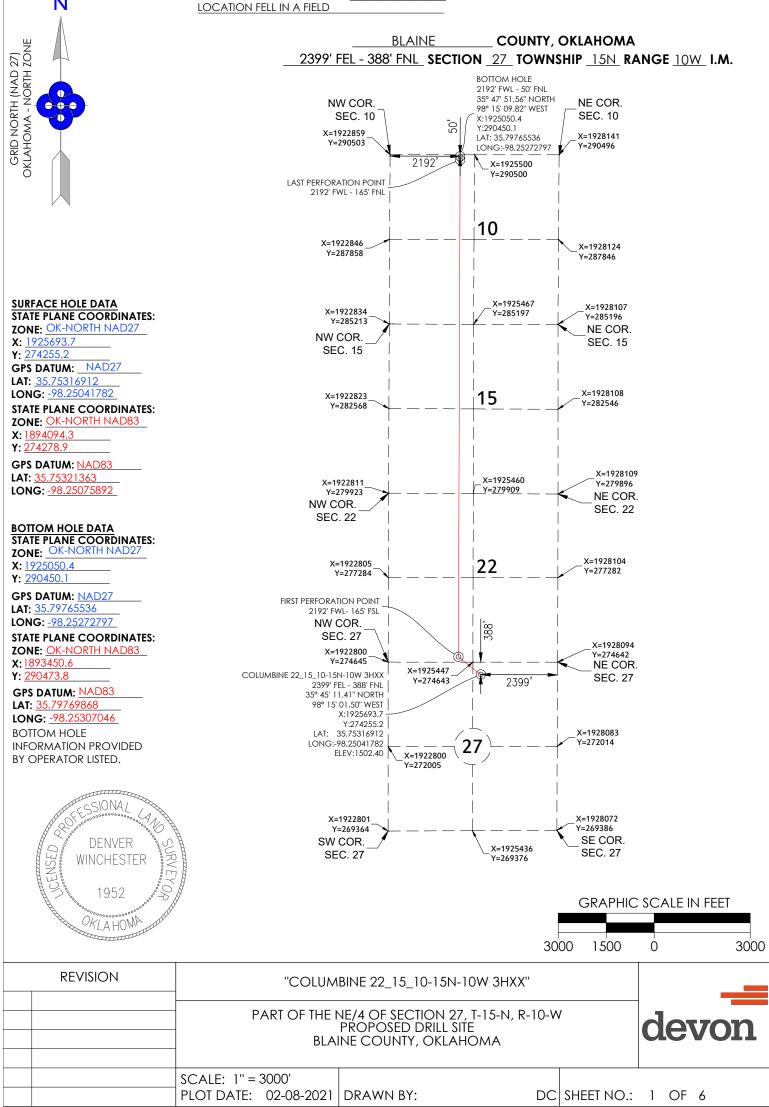
BOTTOM HOLE: 10-T15N-R10W, I.M.

TOPOGRAPHY & VEGETATION:

DISTANCE & DIRECTION FROM HWY JCT OR TOWN: FROM THE INTERSECTION OF HWY 281 & HWY 33 IN WATONGA, GO E. ON HWY 33 4 MI. TO N2610 RD. GO S. 7 MI.

TO E0880 RD. GO E. 5.5 MI. WELL PAD ON S. SIDE OF RD.

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 RIT-GPS. NOTEX: 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.



\OKCFILE\JOBFILES\166017156_COLUMBINE\ENERGY\DWG_CLIPS\WELL_PLAT\COLUMBINE 22_15_10-15N-10W 3HXX.DWG 2/8/2021 8:33:45 AM JJ2721