API NUMBER: 011 24260

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
Expiration Date:	09/11/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION:	Section:	27	Township:	15N	Range:	10W	County: E	BLAINE									
SPOT LOCATION:	SW NW	NW	NE	FEET	FROM QUARTER:	FROM	NORTH	FROM	EAST								
					SECTION LINES:		388		2369								
Lease Name:	COLUMBINE 2	22_15-15	N-10W			Well No:	4HX			We	ell will be	388	feet froi	m nearest un	t or leas	e bounda	ry.
Operator Name:	DEVON ENER	GY PRO	DUCTION C	O LP	T	elephone:	40523536	611; 4052	353611;				ОТ	C/OCC Nur	nber:	20751	0
DEVON ENE	RGY PRODU	JCTIOI	N CO LP					PE	RRY CAS	TONGU	AY AND	KARI	EN CAS	TONGUA	1		
333 W SHER	IDAN AVE							26	8877 E 83	0 RD.							
OKLAHOMA	CITY,		OK	7310	2-5015			₀ ,	1EGA				ОК	73764			
													-				
F ('(-)	(D'() \ / -	·	'	:	- 0-1-0												
Formation(s)	(Permit Val	ia for L						1									
Name			Code			Depth											
1 MISSISSIPF 2 WOODFOR			359M 319W			9555 11010											
			31911	IDFD													
Spacing Orders:	639827 642784				Loca	ion Exce	otion Orders	s: 7154	155			In	creased D	ensity Orders:			
	715451														7154	57	
Pending CD Numb	ers. No Pendir	na				orking in	orost owno	ers' notifio	٠ ***		_		Sį	pecial Orders:	No Sp	ecial Orde	ers
Pending CD Numb	ers.	.9				_	erest owne		u.								
Total Depth: 2	21439	Ground I	Elevation: 1	1501	Sı	ırface	Casing:	600			Depth t	to base	of Treatab	le Water-Bear	ing FM:	40	
													eep sur	face casin	g has l	peen ap	proved
Under	Federal Jurisdict	ion: No						App	oved Metho	d for dispo	sal of Drill	ling Flui	ids:				
Fresh Wate	r Supply Well Dril	led: No						D. O	ne time land a	application -	(REQUIR	RES PER	RMIT)	PEI	RMIT NO	: 21-37527	7
Surface Water used to Drill: Yes					H. (0	Other)			SEE MI	EMO							
PIT 1 INFOR					0: 15:					gory of Pit							
	Pit System: CL0 ud System: WA			m Means	s Steel Pits			Line	er not require	ed for Cate: Location is:		DEBOSI	т				
Chlorides Max: 80			סבט						רות Pit Location				ı				
	top of ground wa		er than 10ft	below ba	se of pit? Y				2004			.02					
	mile of municipal	-															
	Wellhead Prote																
Pit <u>is</u> lo	ocated in a Hydro	logically	Sensitive Ar	ea.													
PIT 2 INFOR	MATION								Cate	egory of Pit	: C						
Type of Pit System: CLOSED Closed System Means Steel Pits					Line	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:	: TERRA	CE								
Is depth to	top of ground wa	iter greate	er than 10ft	below ba	se of pit? Y												
Within 1																	
	mile of municipal	water we	II? N														
	mile of municipal Wellhead Prote																

MULTI UNIT HOLE 1

Section: 15 Township: 15N Range: 10W Meridian: IM Total Length: 10416

County: BLAINE Measured Total Depth: 21439

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

Feet From: NORTH 1/4 Section Line: 50 End Point Location from
Feet From: EAST 1/4 Section Line: 2192 Lease,Unit, or Property Line: 50

NOTES:

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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
LOCATION EXCEPTION - 715455 (202001751)	[3/11/2021 - GC2] - (I.O.) 15 & 22-15N-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_15-15N-10W 3HX AND COLUMBINE 22_15-15N-10W 5HX COMPL. INT. (22-15N-10W) NCT 165' FSL, NCT 0' FNL, NCT 1,650' FEL COMPL. INT. (15-15N-10W) NCT 0' FSL, NCT 165' FNL, NCT 1,650' FEL DEVON ENERGY PRODUCTION COMPANY, L.P. 11-20-2020
МЕМО	[3/9/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
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

SPACING - 715451 (202001747)

[3/11/2021 - GC2] - (I.O.) 15 & 22-15N-10W
ESTABLISH MULTIUNIT HORIZONTAL WELL
X639827 MSSP, WDFD 15-15N-10W
X642784 MSSP, WDFD 22-15N-10W
(WDFD IS ADJACENT COMMON SOURCE OF SUPPLY TO MSSP)
50% 15-15N-10W
50% 22-15N-10W
DEVON ENERGY PRODUCTION COMPANY, L.P.
11-20-2020

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 † 405.787.6276 f www.craftontull.com Crafton Tull **OPERATOR:** DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: COLUMBINE 22_15-15N-10W

WELL NO. 4HX

GOOD DRILL SITE: YES

COUNTY, STATE:OK **BLAINE**

GROUND ELEVATION:1501.62' GR. AT STAKE SURFACE HOLE FOOTAGE: 2369' FEL - 388' FNL

SECTION: 27 TOWNSHIP: T15N RANGE: R10W

BOTTOM HOLE: 15-T15N-R10W,I.M.

ACCESSIBILITY TO LOCATION: FROM NORTH LINE

LOCATION FELL IN A FIELD

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 RIK-GPS.

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.



SURFACE HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1925723.7

GPS DATUM: NAD27

LAT: 35.75316929 LONG: -98.25031672

STATE PLANE COORDINATES: **ZONE: OK-NORTH NAC**

X: 1894124.3

GPS DATUM: NAD83

LAT: <u>35.75321379</u> LONG: -98.25065782

BOTTOM HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD2

X: 1925914.7 **Y**: 285147.1

GPS DATUM: NAD27 **LAT:** <u>35.78309302</u>

LONG: <u>-98.24976738</u> **STATE PLANE COORDINATES: ZONE: OK-NORTH NAD83**

X: 1894315.1

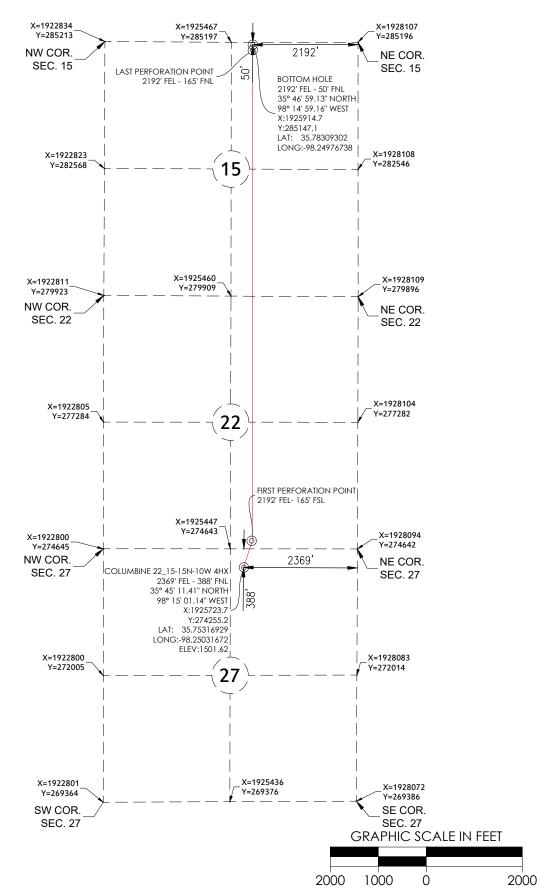
Y: 285170.8

GPS DATUM: NAD83 <u>5.7831367</u>0 LAT: (LONG: -98.25010916 **BOTTOM HOLE**

INFORMATION PROVIDED BY OPERATOR LISTED.



COUNTY, OKLAHOMA **BLAINE** 2369' FEL - 388' FNL SECTION 27 TOWNSHIP 15N RANGE 10W I.M.



REVISION	"COLU	_	7			
	PART OF THE 1	devoi	1			
	SCALE: 1" = 2000' PLOT DATE: 10-26-2020	DRAWN BY:	DC	SHEET NO.:	1 OF 6	