API NUMBER: 011 24268

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

Approval Date:	07/01/2021
Expiration Date:	01/01/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION:	Section: 24 Township: 15N Range: 10W County:			County: E	BLAINE												
SPOT LOCATION:	SW SE	SE	SW	FEET F	ROM QUARTER:	FROM	SOUTH	FROM	WEST								
					SECTION LINES:		177		2237								
Lease Name:	EDWARD 25_3	36-15N-10	w			Well No:	2HX			Well	will be	177	feet from	nearest unit	or leas	e bounda	ry.
Operator Name:	DEVON ENER	GY PROD	OUCTION (O LP	Te	elephone:	40523536	11; 4052	2353611;				ОТО	C/OCC Num	nber:	20751	0
DEVON ENE	RGY PRODU	JCTION	I CO LP					KA	RL V. ROT	HER							
333 W SHER	IDAN AVE							PC	BOX 10								
OKLAHOMA	CITY.		OK	73102	2-5015			اما	KARCHE				OK	73762			
	- ,							١٠	UUITOTIL				OIX	73702			
Formation(s)	(Permit Val	id for Li	sted Fo	mations	s Only):												
Name			Code	•	I	Depth											
1 MISSISSIPP				ISSSD		0358											
2 WOODFORI			319V	/DFD		10950											
-	176175				Locat	ion Exce	otion Orders	: 718	032			Inc	reased De	nsity Orders:	71809	97	
	591627 594813														71809	98	
	718029																
	ers. No Pendir	ng.							J. ***				Spe	ecial Orders:	No Sp	ecial Orde	rs
Pending CD Number	ers: 140 i cildii	ig			VV	orking in	terest owner	's' notifie	d:				·				
Total Depth: 2	21042	Ground E	levation:	1386	Su	rface (Casing:	600			Depth to	base o	of Treatable	Water-Beari	ng FM:	380	
Under	Federal Jurisdict	ion: No						Approved Method for disposal of Drilling Fluids:									
Fresh Water	r Supply Well Dril	led: No						D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-37668									
Surface	e Water used to D	Orill: Yes						H. (Other) SEE MEMO									
								<u> </u>									
PIT 1 INFOR									_	ory of Pit:							
	Pit System: CL0			m Means	Steel Pits			Lin	er not required	_							
Type of Mud System: WATER BASED Chlorides Max: 8000 Average: 5000								ocation is:		iA.							
	top of ground wa		r than 10ft	holow bas	o of nit?				Pit Location F	ormation.	DLAINE						
	mile of municipal	-		Delow Das	e or pit:												
vvidiiii i i	Wellhead Prote																
Pit is not lo	ocated in a Hydro			·ea													
<u> </u>																	
PIT 2 INFORMATION						-	gory of Pit:										
	Pit System: CLO		osed Syste	m Means	Steel Pits			Lin	er not required	_		. ^					
	ud System: OIL									ocation is:		A					
Chlorides Max: 300000 Average: 200000								Pit Location F	ormation:	DLAINE							
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 not</u> located in a Hydrologically Sensitive Area.																	
Pit <u>is not</u> lo	ocateu iii a mydfo	nogically S	cusitive A	₽d.													

MULTI UNIT HOLE 1

Section: 36 Township: 15N Range: 10W Meridian: IM Total Length: 10233

County: BLAINE Measured Total Depth: 21042

True Vertical Depth: 11000

Spot Location of End Point: SE SE SW SW

Feet From: SOUTH 1/4 Section Line: 50 End Point Location from
Feet From: WEST 1/4 Section Line: 1314 Lease,Unit, or Property Line: 50

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

 KARL V. ROTHER
 PO BOX 10
 OKARCHE, OK 73762

NOTES:	
Category	Description
HYDRAULIC FRACTURING	[6/30/2021 - 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 - 718097	[7/1/2021 - GC2] - 25-15N-10W X176175 MSSSD 4 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 4-30-2021
INCREASED DENSITY - 718098	[7/1/2021 - GC2] - 36-15N-10W X176175 MSSSD 4 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 4-30-2021
INTERMEDIATE CASING	[6/30/2021 - 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 - 718032	[7/1/2021 - GC2] - (I.O.) 25 & 36-15N-10W X176175 MSSSD 25 & 36-15N-10W X591627 WDFD 36-15N-10W X594813 WDFD 25-15N-10W X165:10-3-28(C)(2)(B) MSSSD MAY BE CLOSER THAN 600' TO PROPOSED WELLS AND EDWARD 2 -25H COMPL. INT. (25-15N-10W) NCT 165' FNL, NCT 0' FSL, NCT 800' FWL COMPL. INT. (36-15N-10W) NCT 0' FNL, NCT 165' FSL, NCT 800' FWL DEVON ENERGY PRODUCTION COMPANY, L.P. 4-28-2021
MEMO	[6/30/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 176175	[7/1/2021 - GC2] - (640) 25 & 36-15N-10W EXT 139333 MSSSD EXT OTHERS EST OTHERS
SPACING - 591627	[7/1/2021 - GC2] - (640) 36-15N-10W EXT 580208 WDFD
SPACING - 594813	[7/1/2021 - GC2] - (640) 25-15N-10W EXT 591627 WDFD

SPACING - 718029	[7/1/2021 - GC2] - (I.O) 25 & 36-15N-10W	
	EST MULTIUNIT HORIZONTAL WELL	
	X176175 MSSSD 25 & 36-15N-10W	
	X591627 WDFD 36-15N-10W	
	X594813 WDFD 25-15N-10W	
	(WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSSD)	
	50% 25-15N-10W	
	50% 36-15N-10W	
	DEVON ENERGY PRODUCTION COMPANY, L.P.	
	4-28-2021	

300 Pointe Parkway Blvd.
Yukon, OK 73099
405.787.6270 † 405.787.6276 f
www.craftontull.com
Crafton Tull
SURVEYING CA973(FE/LS) Exp. 6/30/22

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME:EDWARD 25_36-15N-10W

WELL NO. 2HX

GOOD DRILL SITE: YES

BLAINE COUNTY, STATE: OK
GROUND ELEVATION: 1386.33' GR. AT STAKE

SURFACE HOLE FOOTAGE: 177' FSL - 2237' FWL

SECTION: 24 TOWNSHIP: T15N RANGE: R10W

BOTTOM HOLE: 36-T15N-R10W,I.M.

ACCESSIBILITY TO LOCATION: FROM SOUTH LINE

TOPOGRAPHY & VEGETATION: LOCATION FELL IN A FIELD DISTANCE & DIRECTION FROM HWY JCT OR TOWN:

FROM THE INT. OF HWY 3 & HWY 8 IN WATONGA, GO E 4 MI.
TO N2610 RD, GO S 6 MI TO E0870 RD, GO E 7.5 MI. PAD ON

N 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 RTK-GPS.

NOTE:: AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON

OBSERVED FROM RIK-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.

2000

SHEET NO.:

1 OF 6



SURFACE HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1935622.9 **y:** 274750.4

GPS DATUM: NAD27 LAT: 35.75459513

LONG: -98.21695952
STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1904023.6

GPS DATUM: NAD83 LAT: 35.75463973

LONG: <u>-98.21729949</u>

BOTTOM HOLE DATA STATE PLANE COORDINATES: ZONE: OK-NORTH NAD27

X: 1934662.7

Y: 264083.7

GPS DATUM: NAD27 LAT: 35.72528547 LONG: -98.22011387

STATE PLANE COORDINATES: ZONE: OK-NORTH NAD83

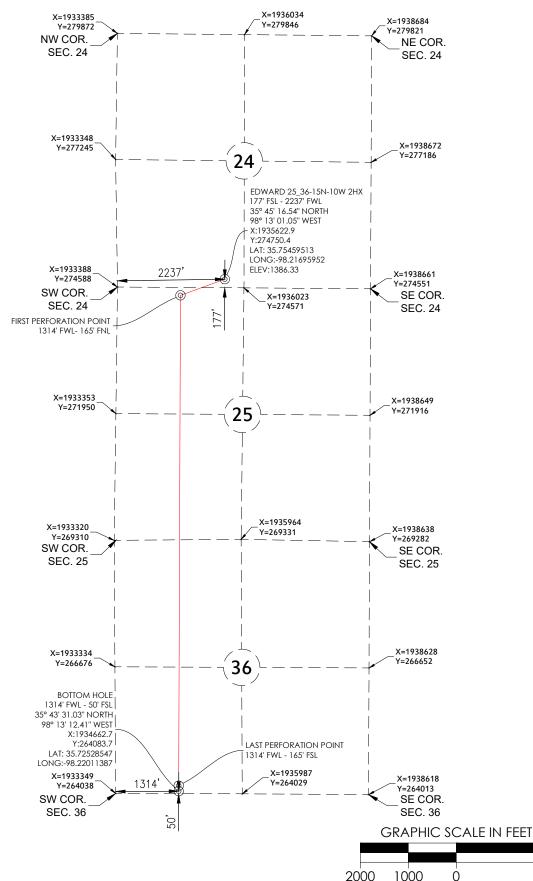
X: 1903063.6 **Y**: 264107.4

GPS DATUM: NAD83 LAT: 35.72533085 LONG: -98.22045333 BOTTOM HOLE

INFORMATION PROVIDED BY OPERATOR LISTED.



BLAINE COUNTY, OKLAHOMA 177' FSL - 2237' FWL SECTION 24 TOWNSHIP 15N RANGE 10W I.M.



PART OF THE SW/4 OF SECTION 24, T-15-N, R-10-W
PROPOSED DRILL SITE
BLAINE COUNTY, OKLAHOMA

SCALE: 1" = 2000'

PLOT DATE: 05-04-2021 | DRAWN BY: