API NUMBER: 017 25683

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

Approval Date:	06/11/2021
Expiration Date:	12/11/2022

Multi Unit Oil & Gas

## **PERMIT TO DRILL**

WELL LOCATION:	Section: (	06	Township	: 14N	Range:	9W	County: (	CANADIA	AN							
SPOT LOCATION:	NW SE		NW		T FROM QUARTER:		NORTH	FROM	WEST							
or or zoomion.	[WV ] [OL				SECTION LINES:	TROW		TROW	WEST							
							681		2078							
Lease Name:	OTTO 31_30	_19-15N-9W	I			Well No:	5HXX			Well will be	681	feet fron	n nearest unit	or lease	boundary.	
Operator Name:	DEVON ENE	RGY PROD	UCTION	CO LP	Te	elephone:	40523536	311; 4052	2353611;			ОТ	C/OCC Num	ber:	20751 0	)
DEVON ENE	RGY PROD	UCTION	CO LP	)				LA	RRY GLENN 8	& CHRISTINE	MOC	DRE				
333 W SHER	IDAN AVE							18	621 234TH RC	DAD NW						
OKLAHOMA			OK	7210	02-5015							014	70044			
ORLAHOWA	OIII,		OK	7510	72-3013			•	ALUMET			OK	73014			
Formation(s)	(Permit Va	alid for Lis	sted Fo	rmatio	ns Only):											
Name	`		Code			Depth										
1 MISSISSIPE	PIAN		359N	/ISSP	9	9610										
2 MISSISSIPE	PI SOLID		351N	MSSSD	1	10040										
3 WOODFOR	D		319V	WDFD	1	11055										
Spacing Orders:	176175				Locat	ion Excep	tion Orders	s: 718	439		Inc	reased De	ensity Orders:	718520	)	
	612110													718498	3	
	657910													718499	9	
	649758															
	718434															
	7 10434															
Pending CD Numb		ling			w	orking int	erest owne	rs' notifie	ed: ***			Sp	ecial Orders:	No Spe	cial Orders	
Pending CD Numb  Total Depth: 2	ers: No Pend	ling Ground El	levation:	1449		_	erest owne		d: ***	Depth to	base o		ecial Orders: e Water-Bearin			
Total Depth: 2	ers: No Pend	Ground El	levation:	1449		_		690	d: ***			f Treatable				
Total Depth: 2	ers: No Penc	Ground El	levation:	1449		_		690 App	u.	disposal of Drilli	ng Fluid	f Treatable	e Water-Bearir		40	
Total Depth: 2  Under  Fresh Wate	ers: No Penc 27100 r Federal Jurisdi	Ground El ction: No rilled: No	levation:	1449		_		<b>App</b>	roved Method for a	disposal of Drilli	ng Fluid	f Treatable  ds:  MIT)	e Water-Bearir	ng FM: 4	40	
Total Depth: 2 Under Fresh Wate Surfac	ers: No Pend 27100 r Federal Jurisdi er Supply Well D e Water used to	Ground El ction: No rilled: No	levation:	1449		_		<b>App</b>	proved Method for or One time land applica Other)	disposal of Drilli ation (REQUIR	<b>ng Flui</b> c	f Treatable  ds:  MIT)	e Water-Bearir	ng FM: 4	40	
Total Depth: 2  Under Fresh Wate Surfac	ers: No Pend 27100 r Federal Jurisdi er Supply Well D e Water used to	Ground El ction: No rilled: No Drill: Yes			Su	_		App D. C H. (	roved Method for o	disposal of Drilli ation (REQUIR :	<b>ng Flui</b> c	f Treatable  ds:  MIT)	e Water-Bearir	ng FM: 4	40	
Total Depth: 2  Under Fresh Wate Surfac  PIT 1 INFOR Type of	Prederal Jurisdi or Supply Well D be Water used to	Ground El ction: No rilled: No Drill: Yes	osed Syste		Su	_		App D. C H. (	proved Method for or one time land application.  Other)  Category er not required for	disposal of Drilli ation (REQUIR :	ng Fluid ES PER SEE ME	f Treatable  ds:  MIT)	e Water-Bearir	ng FM: 4	40	
Total Depth: 2  Under Fresh Wate Surfac  PIT 1 INFOR Type of	Pit System: Wo Pence 27100  Federal Jurisdian Supply Well Due Water used to 2 MATION  MATION  In System: Colud System: Work of the system: Colud System: Work of the s	Ground El ction: No rrilled: No Drill: Yes	osed Syste		Su	_		<b>App</b> D. C H. (	proved Method for or one time land application.  Other)  Category er not required for	disposal of Drilli ation (REQUIR  of Pit: C Category: C on is: NON HS	ng Fluid ES PER SEE ME	f Treatable  ds:  MIT)	e Water-Bearir	ng FM: 4	40	
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Under Fresh Wate Surfac  PIT 1 INFOR Type of Type of M Chlorides Max: 80 Is depth to	Prederal Jurisdier Supply Well De Water used to  MATION Pit System: Colud System: W	Ground El ction: No rilled: No Drill: Yes  LOSED Clo ATER BASE 000 vater greater	osed Syste ED	em Mear	Suns Steel Pits	_		<b>App</b> D. C H. (	oroved Method for or One time land applica Other)  Category er not required for Pit Locati	disposal of Drilli ation (REQUIR  of Pit: C Category: C on is: NON HS	ng Fluid ES PER SEE ME	f Treatable  ds:  MIT)	e Water-Bearir	ng FM: 4	40	
Under Fresh Wate Surfac  PIT 1 INFOR Type of Type of M Chlorides Max: 80 Is depth to	Preserved to the state of the s	Ground El ction: No rilled: No Drill: Yes  LOSED Clo ATER BASE 000 vater greater al water well	osed Syste ED r than 10ft ? N	em Mear	Suns Steel Pits	_		<b>App</b> D. C H. (	oroved Method for or One time land applica Other)  Category er not required for Pit Locati	disposal of Drilli ation (REQUIR  of Pit: C Category: C on is: NON HS	ng Fluid ES PER SEE ME	f Treatable  ds:  MIT)	e Water-Bearir	ng FM: 4	40	
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MULTI UNIT HOLE 1

Section: 19 Township: 15N Range: 9W Meridian: IM Total Length: 16177

> County: KINGFISHER Measured Total Depth: 27100

True Vertical Depth: 12000 Spot Location of End Point: NW NE NE NE

> Feet From: NORTH 1/4 Section Line: 50 End Point Location from Lease, Unit, or Property Line: 50 Feet From: EAST 1/4 Section Line: 539

NOTES:	
Category	Description
DEEP SURFACE CASING	[6/4/2021 - GB1] - NO DSC DUE TO SURFACE HOLE ISSUES IN SE4 6-14N-9W
HYDRAULIC FRACTURING	[6/4/2021 - GB1] - 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 - 718498	[6/11/2021 - GC2] - 19-15N-9W X176175 MSSSD 3 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 5-21-2021
INCREASED DENSITY - 718499	[6/11/2021 - GC2] - 31-15N-9W X176175 MSSSD 4 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 5-21-2021
INCREASED DENSITY - 718520	[6/11/2021 - GC2] - 30-15N-9W X657910 MSSP 4 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 5-24-2021
INTERMEDIATE CASING	[6/4/2021 - GB1] - 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 - 718439	[6/11/2021 - GC2] - (I.O.) 19, 30 & 31-15N-9W X176175 MSSSD 19 & 31-15N-9W X612110 WDFD 31-15N-9W X657910 MSSP, WDFD 30-15N-9W X649785 WDFD 19-15N-9W X165:10-3-28(C)(2)(B) MSSP, MSSSD MAYBE CLOSER THAN 600' TO PROPOSED WELLS, OTTO 31 -15N-9W 1H, LOOSEN TRUST 1-31, LOTOCKA 2-31 COMPL. INT. (31-15N-9W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (30-15N-9W) NCT 0' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (19-15N-9W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL DEVON ENERGY PRODUCTION COMPANY, L.P 5-19-2021
MEMO	[6/4/2021 - GB1] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 176175	[6/11/2021 - GC2] - (640) 19, 30 & 31-15N-9W EST OTHERS EXT OTHERS EXT 11184 MSSSD
SPACING - 612110	[6/11/2021 - GC2] - (640) 31-15N-9W EXT 591627 WDFD

SPACING - 649758	[6/11/2021 - GC2] - (640) 19-15N-9W EST WDFD
SPACING - 657910	[6/11/2021 - GC2] - (640)(HOR) 30-15N-9W EXT 649977 WDFD EST MSSP COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL COMPL. INT. (MSSP) NCT 660' FB (COEXIST SPACING ORDER 176175 MSSSD, OTHERS 30-15N-9W)
SPACING - 718434	[6/11/2021 - GC2] - (I.O.) 19, 30 & 31-15N-9W EST MULTIUNIT HORIZONTAL WELL X176175 MSSSD 19 & 31-15N-9W X612110 WDFD 31-15N-9W X657910 MSSP, WDFD 30-15N-9W X649758 WDFD 19-15N-9W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSSD, MSSP) 33% 19-15N-9W 34% 30-15N-9W 33% 31-15N-9W DEVON ENERGY PRODUCTION COMPANY, L.P. 5-19-2021

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 † 405.787.6276 f www.craftontull.com Crafton Tull

N

**SURFACE HOLE DATA** 

X: 1940695.2

X: 1909096.2

**STATE PLANE COORDINATES:** 

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

**ZONE:** OK-NORTH NAD27

GPS DATUM: NAD27

LAT: 35.72323539

LONG: -98.19978591

**GPS DATUM: NAD83** 

LONG: -98.20012444

**BOTTOM HOLE DATA** 

GPS DATUM: NAD27

LONG: <u>-98.19093461</u>

GPS DATUM: NAD83

LONG: -98.19127286

INFORMATION PROVIDED BY OPERATOR LISTED.

**LAT**: <u>35.76846096</u>

**BOTTOM HOLE** 

**LAT:** 35.76841604

**X**: 1943355.0 **Y**: 279765.0

**Y**: 279788.9

STATE PLANE COORDINATES:

**STATE PLANE COORDINATES:** 

**ZONE:** OK-NORTH NAD83 **X**: 1911756.0

ZONE: OK-NORTH NAD2

LAT: <u>35.72328088</u>

GRID NORTH (NAD 27) OKLAHOMA - NORTH ZONE

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

**LEASE NAME:**OTTO 31\_30\_19-15N-9W

WELL NO. 5HXX

**GOOD DRILL SITE:**YES CANADIAN COUNTY, STATE:OK

GROUND ELEVATION: 1449.00' GR. AT STAKE SURFACE HOLE FOOTAGE: 681' FNL - 2078' FWL

SECTION: 6 TOWNSHIP: T14N RANGE: R9W

**BOTTOM HOLE:**19-T15N-R9W,I.M.

ACCESSIBILITY TO LOCATION: FROM WEST LINE

LOCATION FELL IN A FIELD

**TOPOGRAPHY & VEGETATION:** 

**DISTANCE & DIRECTION FROM HWY JCT OR TOWN:** 

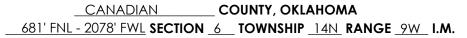
FROM THE TOWN OF CALUMET HEAD NORTH ON CALUMET ROAD ±7.5MI TO 234TH ST, HEAD WEST ±5.0MI TO

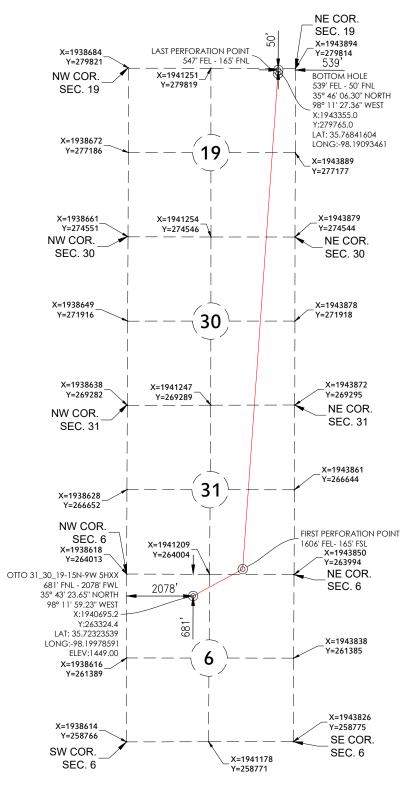
MAYBERRY ROAD, HEAD NORTH ±0.9MI TO A LEASE ROAD TO THE EAST, HEAD EAST ±0.2MI, PAD SITE IS TO THE SOUTH.

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 PROMPILY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA IS OBSERVED FROM RIK-GPS.

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







GRAPHIC SCALE IN FEET 3000' 1500' 0 3000

	REVISION						
R1	BOTTOM HOLE AND						
	PERFORATION LOCATION	P/	ART OF THE		devon		
	CHANGES		<b>CEAOII</b>				
		SCALE: 1" = 3	3000'				
		PLOT DATE: (	05-19-2021	DRAWN BY:	JJ	SHEET NO.:	1 OF 6