API NUMBER: 017 25736 Multi Unit Oil & Gas		0	OKLAHOMA CORPOR OIL & GAS CONSEF P.O. BO OKLAHOMA CITY (Rule 165		VATION DIVISION 52000 OK 73152-2000		Approval D Expiration		/08/2021 /08/2023		
			DEDM	<u>ит т</u>							
PERMIT TO DRILL											
WELL LOCATION:	Section: 11 T	ownship: 13N R	ange: 9W Coun	nty: CAN	IADIAN]					
SPOT LOCATION:	NW SW SE	SE FEET FROM QU	ARTER: FROM NOR	TH FF	OM EAST						
		SECTION	LINES: 415		1025						
Lease Name:	SEEMS 11_2-13N-9W		Well No: 2HX			will be	115 foot from	nooroot uni	t or lease boundary.		
Lease Name.	SEEMS 11_2-13IN-9W		Well NO. 2HA		Weil	will be	415 feet from	nearest uni	t of lease boundary.		
Operator Name:	DEVON ENERGY PRODU	CTION CO LP	Telephone: 4052	2353611;	4052353611;		OTO	C/OCC Nun	nber: 20751 0		
DEVON ENE	RGY PRODUCTION	CO LP			SPEAR PROPERTIES,	LLC					
333 W SHER					2313 NW 56TH TERRA						
		01/ 70400 504	-								
OKLAHOMA	CITY,	OK 73102-501	5		OKLAHOMA CITY		OK	73112			
Formation(s)	(Permit Valid for List	ted Formations Onl	y):								
Name		Code	Depth								
1 MISSISSIPP	PIAN	359MSSP	10020								
2 MISSISSIPP	PIAN (LESS CHESTER)	359MSNLC	10840								
	682182		Location Exception O	Orders:	No Exceptions		Increased De	nsity Orders:	No Density		
	567303										
Pending CD Numbe	Pending CD Numbers: 202102247 Working interest owner				notified: ***		Spe	ecial Orders:	No Special		
	202102248										
Total Depth: 2	Ground Ele	vation: 1371	Surface Casir	ng: 60	0	Depth to	base of Treatable	Water-Beari	ng FM: 200		
							Deep surf	ace casin	g has been approved		
Under	Federal Jurisdiction: No				Approved Method for disposal of Drilling Fluids:						
Fresh Water Supply Well Drilled: No					D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-37944						
Surface Water used to Drill: Yes					H. (Other)	SI	EE MEMO				
				_		_					
PIT 1 INFORMATION					Category of Pit: C Liner not required for Category: C						
Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED					Pit Location is: ALLUVIAL						
Chlorides Max: 8000 Average: 5000					Pit Location Formation: ALLUVIUM						
Is depth to	top of ground water greater t	han 10ft below base of pi	? Y								
Within 1 r	mile of municipal water well?	N									
	Wellhead Protection Area?										
Pit <u>is</u> lo	ocated in a Hydrologically Ser	nsitive Area.									
PIT 2 INFOR	ΜΑΤΙΟΝ				Category of Pit:	C					
	IVIATION Pit System: CLOSED Clos	ed System Means Steel	Pits		Liner not required for Catego						
	Type of Mud System: OIL BASED				Pit Location is: ALLUVIAL						
Chlorides Max: 300000 Average: 200000					Pit Location Formation:						
Is depth to	top of ground water greater t	han 10ft below base of pi	? Y								
Within 1 mile of municipal water well? N											
Wellhead Protection Area? N											
Pit <u>is</u> lo	ocated in a Hydrologically Ser	nsitive Area.									

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.

MULTI UNIT HOLE 1		
Section: 2 Township: 13	3N Range: 9W Meridian: IM	Total Length: 9771
County: C/	ANADIAN	Measured Total Depth: 21440
Spot Location of End Point: N2	2 NE NE NE	True Vertical Depth: 11397
Feet From: NO	ORTH 1/4 Section Line: 50	End Point Location from
Feet From: EA	AST 1/4 Section Line: 330	Lease,Unit, or Property Line: 50
Additional Surface Owner(s)	Address	City, State, Zip
BRIDGET CAVANAGH		,
NOTES:		
Category	Description	
DEEP SURFACE CASING		PPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF AILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR
HYDRAULIC FRACTURING	[12/7/2021 - GC2] - O	CC 165:10-3-10 REQUIRES:
	HYDRAULIC FRACTU WELLS WITHIN 1 MII TO SUCH OPERATO HYDRAULIC FRACTU PROVIDED, RESULT	E GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF JRING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING LE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE RS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE JRING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN 'ING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE <i>N</i> NOTICE IS REQUIRED TO BE GIVEN;
	LÉAST 48 HOURS PI FORM 6000NHF SHA	GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT RIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. ALL BE USED AND IS FOUND AT THIS LINK: /OGFORMS.HTML; AND,
	TO BE REPORTED T	ISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS O FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC ATIONS, FOUND AT FRACFOCUS.ORG
MEMO		LOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED NGS PERMITTED PER DISTRICT
PENDING CD - 202102247	[12/8/2021 - GC2] - (E EST MULTIUNIT HOF X682182 MSNLC 2-1 X567303 MSSP 11-1 50% 2-13N-9W 50% 11-13N-9W DEVON ENERGY PR REC. 12/7/2021 (NOF	RIZÓNTAL WELL 3N-9W 3N-9W ODUCTION COMPANY, L.P.
PENDING CD - 202102248	COMPL. INT. (2-13N-	3N-9W 3N-9W I-9W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL 9W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL ODUCTION COMPANY, L.P.
SPACING - 567303	[12/8/2021 - GC2] - (6 EXT OTHERS EST MSSP, OTHERS	,
SPACING - 682182	[12/8/2021 - GC2] - (6 EXT OTHER EST MSNLC COMPL. INT. NCT 66	

Yukon, OK 73099 405.787.6270 t 405.787.6276 f	LEASE NAME:SEEMS 11_2-13N	PRODUCTION COM		I FROM HWY JCT OR TOWN:			
www.craftontull.com	WELL NO. <u>2HX</u>		FROM THE INT. OF MAIN	N ST. & N. CALUMET RD IN CALUMET,			
Crafton Tull SURVEYING CA973(PE/IS) Exp. 6/30/22	GOOD DRILL SITE: YES <u>CANADIAN</u> COUNTY, STATI GROUND ELEVATION: <u>1371.48</u> SURFACE HOLE FOOTAGE: <u>102</u> SECTION: <u>11</u> TOWNSHIP: <u>T13N</u> BOTTOM HOLE: <u>2-T13N-R9W, I.M</u> ACCESSIBILITY TO LOCATION TOPOGRAPHY & VEGETATION LOCATION FELL IN A FIELD	" <u>GR. AT STAKE</u> 25' FEL - 415' FSL _ RANGE: R9W M	GO N. 3,425 FT. LEASE RD ON E. SIDE OF RD. PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTE PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA OBSERVED FROM RTX-GPS. NOTE:X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYEI 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 ATA PROPORTIONATE DISTANCE FROM OPPOSING SECTION CORNERS, OR OCCUPATION THEREOF, AND MAY NOT HAVE BEEN MEASURED ON THE GROUND, AND FURTHE <u>DOES NOT</u> REPRESENT A TRUE BOUNDARY SURVEY.				
ш Л		CANADIAN	COUNTY, O	KIAHOMA			
OKLAHOMA - NORTH ZONE	<u>1025' Fe</u>			IIP <u>13N</u> RANGE <u>9W</u> I.M.			
			35° 38' 17.25" NORTH 98° 07' 09.86" WEST				
	X=1959585	X=1962216	X:1964517.5 Y:232304.5 LAT: 35.63812415	X=1964848 Y=232353 NE COR.			
	Y=232378	Y=232366	LONG:-98.11940499	SEC. 3			
JRFACE HOLE DATA TATE PLANE COORDINATES: DNE: <u>OK-NORTH NAD27</u> : <u>1963799.1</u> 222239.8 PS DATUM: <u>NAD27</u>	NW COR SEC. 3		330' LAST PERFORATION POINT 330' FEL - 165' FNL				
AT: <u>35.61047152</u>	X=1959559 Y=229727		$\begin{pmatrix} \bot \\ - \end{pmatrix}$				
ONG: <u>-98.12178014</u> IATE PLANE COORDINATES:	·	X=1962195	2 <u></u>	X=1964836 Y=229734			
DNE: <u>OK-NORTH NAD83</u> : <u>1932200.8</u> : <u>222263.6</u> PS DATUM: <u>NAD83</u> AT: <u>35.61052042</u> DNG: <u>-98.12211362</u>		Y=229730					
	X=1959537 Y=227089	X=1962174 _ Y=227093	$\overline{\mathbf{A}}$	X=1964825 Y=227096			
DITOM HOLE DATA (ATE PLANE COORDINATES: DNE: OK-NORTH NAD27 : 1964517.5 : 232304.5	NW COR.		- +	NE COR. 			
PS DATUM: <u>NAD27</u> AT: <u>35.63812415</u> DNG: <u>-98.11940499</u> FATE PLANE COORDINATES: DNE: <u>OK-NORTH NAD83</u>							
1930618.0 232389.4	X=1959540 Y=224454						
PS DATUM: NAD83 AT: 35.63833198 DNG: <u>-98.12748305</u> OTTOM HOLE IFORMATION PROVIDED Y OPERATOR LISTED.		SEEMS 11_2-13N-9W 24 1025' FEL - 415' F 35° 36' 37.70'' NOR 98° 07' 18.41'' WE X:196379' Y:222235 LAT: 35.610471 LONG: 98.121780 ELEV:1371.	sL IH ST 8.1 8.2 2 4	, ►			
DENVER WINCHESTER WINCHESTER	x=1959543 Y=221812 SW COR SEC. 11	X=1962183 Y=221818	FIRST PERFORATION POIN 330' FEL- 165' FS				
OFLAHOWA			2000	GRAPHIC SCALE IN FEET			
REVISION							
	PART OF THE S	EMS 11_2-13N-9 EMS 11_2-13N-9 EE/4 OF SECTION PROPOSED DRILL DIAN COUNTY, C	I 11, T-13-N, R-9-W _ SITE	devon			

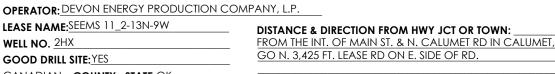
G:\166017166_SEEMS\ENERGY\DWG_CLIPS\WELL_PLAT\SEEMS 11_2-13N9W 2HX.DWG 9/7/2021 1:09:29 PM JJ2721

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



LEASE NAME:SEEMS 11_2-13N-9W WELL NO. 2HX GOOD DRILL SITE: YES CANADIAN COUNTY, STATE:OK GROUND ELEVATION:1371.48' GR. AT STAKE SURFACE HOLE FOOTAGE: 1025' FEL - 415' FSL SECTION: 11 TOWNSHIP: T13N RANGE: R9W BOTTOM HOLE: 2-T13N-R9W, I.M. ACCESSIBILITY TO LOCATION: FROM EAST LINE

TOPOGRAPHY & VEGETATION: LOCATION FELL IN A FIELD



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 RIK-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.

COUNTY, OKLAHOMA CANADIAN <u>1025' FEL - 415' FSL</u> SECTION <u>11</u> TOWNSHIP <u>13N</u> RANGE <u>9W</u> I.M.



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SURFACE HOLE DATA **STATE PLANE COORDINATES: ZONE: OK-NORTH NAD27 X:** <u>1963799.1</u> Y: 222239.8 GPS DATUM: NAD27

LAT: 35.61047152 LONG: <u>-98.12178014</u> STATE PLANE COORDINATES:

ZONE: OK-NORTH NAC X:1932200.8 Y: 222263.6

GPS DATUM: NAD83 LAT: <u>35.61052042</u> LONG: <u>-98.12211362</u>

BOTTOM HOLE DATA STATE PLANE COORDINATES: ZONE: OK-NORTH NAD2

X: 1964517.5 **Y:** 232304.5

GPS DATUM: NAD27 LAT: <u>35.63812415</u> LONG: <u>-98.11940499</u> STATE PLANE COORDINATES: **ZONE: OK-NORTH NAD83 X:**1930618.0 **Y:** <u>232389.4</u>

GPS DATUM: NAD83 LAT: <u>35.63833198</u> LONG: <u>-98.12748305</u> **BOTTOM HOLE** INFORMATION PROVIDED BY OPERATOR LISTED.

> SSIONAL ANS DENVER NRVE NSF WINCHESTER L. 1952 OKLAHOMA TITTT

Sec. BOTTOM HOLE 330' FEL - 50' FNL 38' 17.25" NORTH 8° 07' 09.86" WEST X:1964517.5 X=1964848 Y=232353 NE COR X=1959585 Y=232378 X=1962216 Y=232366 Y:232304.5 LAT: 35.63812415 ONG:-98.11940499 SEC. 3 330 NW COR LAST PERFORATION POINT SEC. 3 330' FEL - 165' FNL X=1959559 Y=229727 X=1964836 1962195 =229730 Y=229734 X=1964825 Y=227096 X=1962174 Y=227093 X=1959537 Y=227089 NW COR. NE COR **SEC. 11** SEC. 11 Tra frage

11 X=1959540 Y=224454 SEEMS 11_2-13N-9W 2HX MS 11 _2-13N-9W 2HX 1025' FEL - 415' FSL 35° 36' 37.70' NORTH 98° 07' 18.41" WEST X:1963799.1-Y:222239.8 LAT: 35.61047152 LONG:-98.12178014 ELEV:1371.48 1025 X=1962183 Y=221818 X=1959543 Y=221812 X=1964824 Y=221829 5 SW COR. SE COR SEC. 11 FIRST PERFORATION POINT 330' FEL- 165' FSL

GRAPHIC SCALE IN FEET

SEC. 11

			20	00 1	000	0	2000
REVISION	"SI	EEMS 11_2-13N-9W 2HX"					
	PART OF THE SE/4 OF SECTION 11, T-13-N, R-9-W PROPOSED DRILL SITE CANADIAN COUNTY, OKLAHOMA					dev	on
	SCALE: 1" = 2000' PLOT DATE: 09-07-2021	DRAWN BY:	JJ	SHEET	NO.:	2 OF 6	
G:\166017166_SEEMS\ENERGY\DWG_C	CLIPS\WELL_PLAT\SEEMS 11_2-13N9W 2	2HX.DWG 9/7/2021 1:09:30 PM JJ2721					

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OKLAHOMA - NORTH ZONE

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SURFACE HOLE DATA

GPS DATUM: NAD27 LAT: 35.61047152

LONG: -98.12178014

GPS DATUM: NAD83 LAT: <u>35.6105204</u>

LONG: <u>-98.12211362</u>

BOTTOM HOLE DATA

GPS DATUM: NAD27 LAT: <u>35.63812415</u>

LONG: <u>-98.11940499</u>

GPS DATUM: NAD83

LONG: -98.12748305

BY OPERATOR LISTED.

INFORMATION PROVIDED

SSIONAL

DENVER WINCHESTER

1952

OKLAHOMA πĿ

REVISION

LAT: <u>35.63833198</u>

BOTTOM HOLE

ZONE: OK-NORTH NAD83

X: 1964517.5 **Y:** 232304.5

X:1930618.0

Y: 232389.4

ZONE: OK-NORTH NAD2

-NORTH NAE

X: 1963799.1

ZONE: O

X:193

Y: 22

Y:

ZONE: OK-NORTH NAD27

GRID NORTH (NAD 27)

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P. LEASE NAME:SEEMS 11_2-13N-9W WELL NO. 2HX GOOD DRILL SITE: YES CANADIAN COUNTY, STATE:OK GROUND ELEVATION:1371.48' GR. AT STAKE SURFACE HOLE FOOTAGE: 1025' FEL - 415' FSL SECTION: 11 TOWNSHIP: T13N RANGE: R9W

ACCESSIBILITY TO LOCATION: FROM EAST LINE

BOTTOM HOLE: 2-T13N-R9W, I.M.

TOPOGRAPHY & VEGETATION:

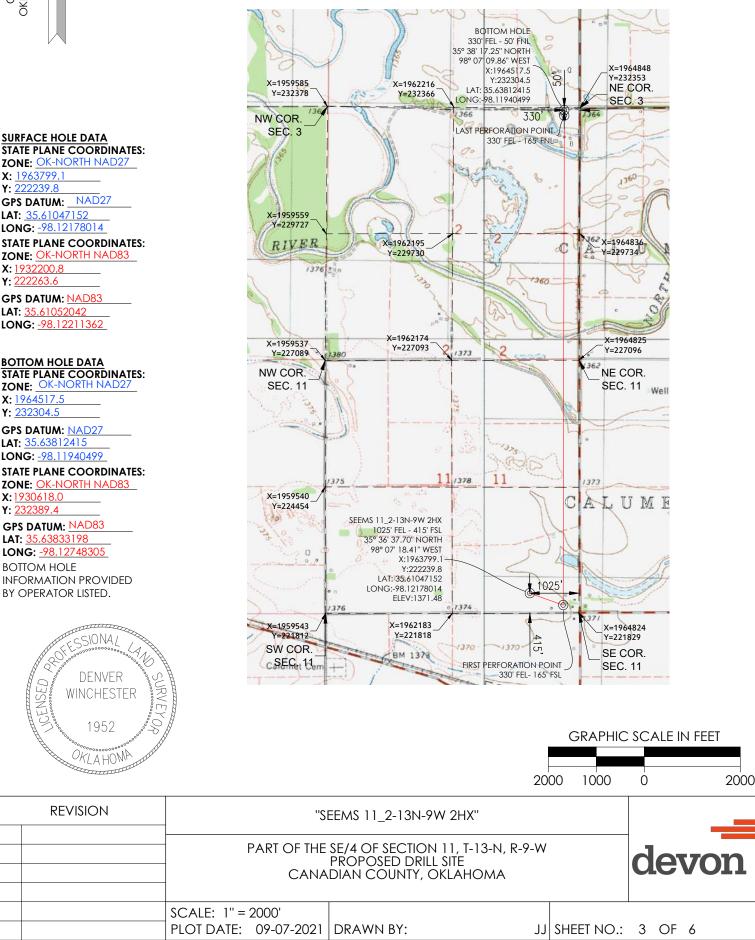
LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN: FROM THE INT. OF MAIN ST. & N. CALUMET RD IN CALUMET, GO N. 3,425 FT. LEASE RD ON E. SIDE OF RD

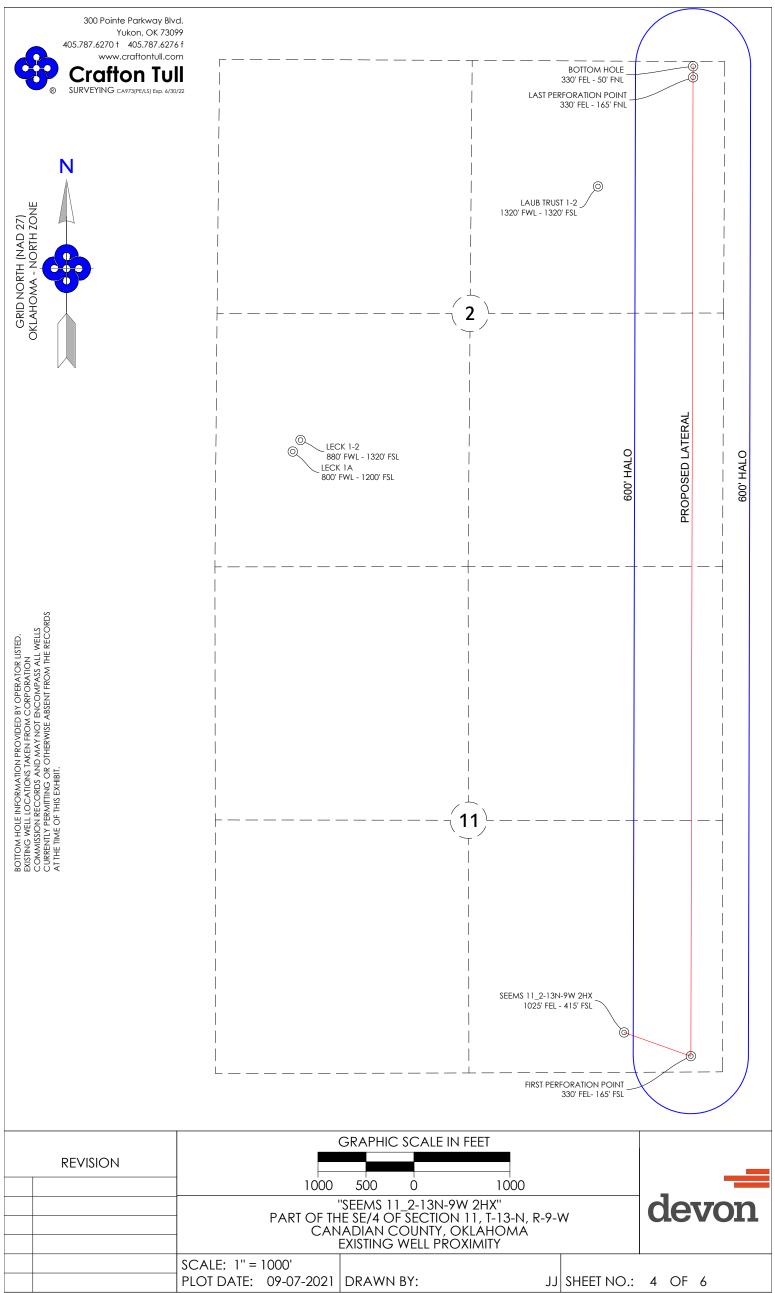
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OBSERVED FROM RTK-GPS. NOTE:X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, <u>DOES NOT</u> REPRESENT A TRUE BOUNDARY SURVEY. QUARTER SECTION DISTANCES MAY BE ASSUMED FROM A GOVERNMENT SURVEY PLAT 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.

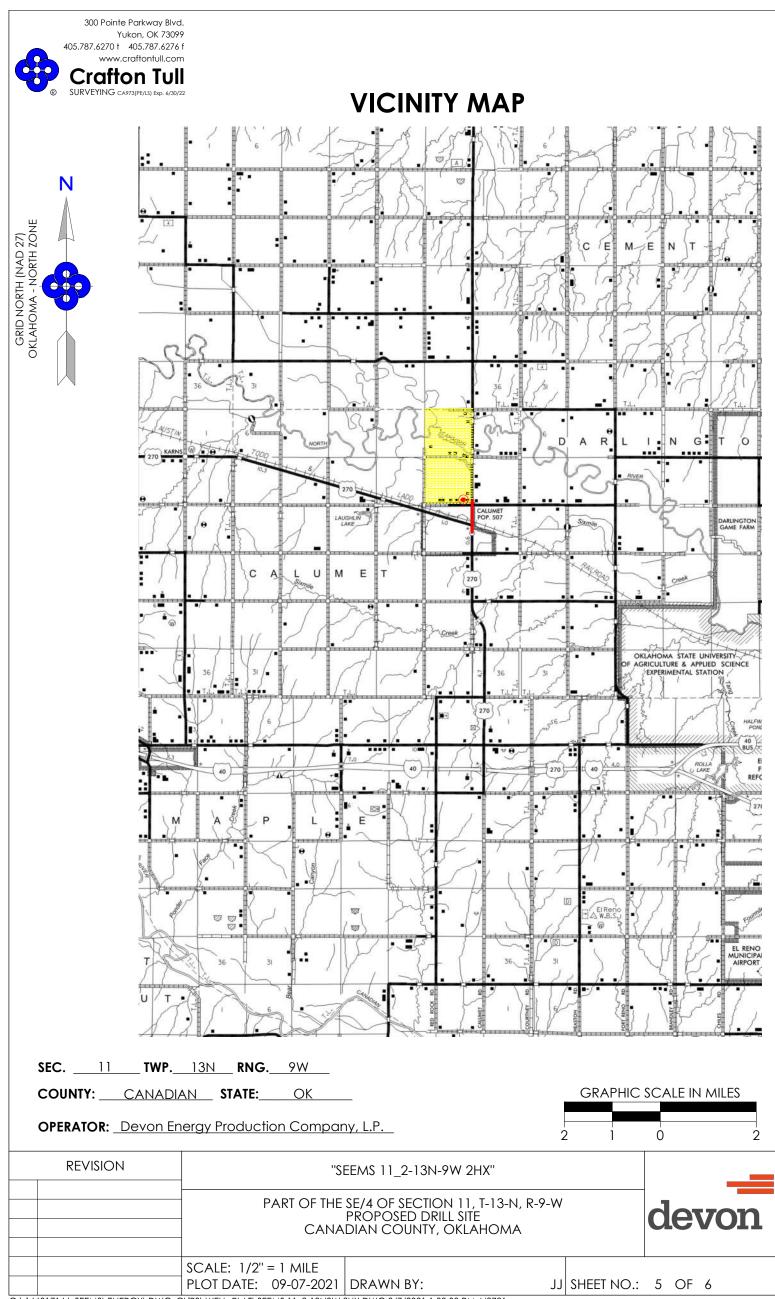
COUNTY, OKLAHOMA CANADIAN 1025' FEL - 415' FSL SECTION 11 TOWNSHIP 13N RANGE 9W I.M.



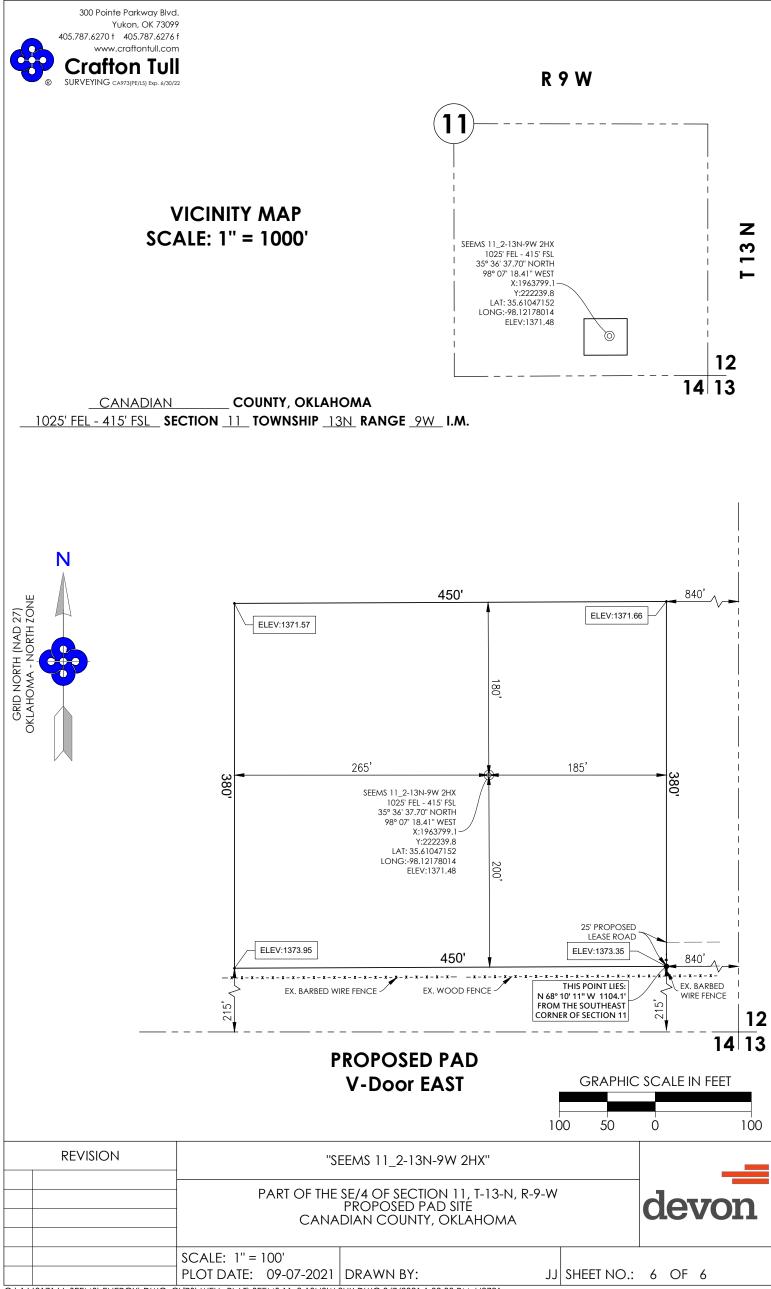
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