Schematic - Vertical

Well Name: JF HARRISON FEDERAL 001 SWD

API/UWI 3001504749	SAP Cost Center ID 1628501001					County Eddy	
					KB-Ground Distance (ft) 18.00		
Field Name Devonian (Wildcat)		North/South Distance (ft) 660.0	North/South Reference	East/West Distance (ft) 660.0	East/West Reference FWL	Latitude (°) 32° 9' 1.681" N	Longitude (°) 103° 50' 25.526" W
		Well Type		Well Status		Method Of Production	

ield Name Devonian (Wilde	cat)	North/South Distance (ft) 660.0	North/South Reference FNL	East/West Distance (ft) 660.0	FWL	Latitude (°) 32° 9' 1.681" N	Longitude (°) 103° 50' 25.526 W
Vell Classification		Well Type		Well Status		Method Of Production	VV
		Ve	rtical, Original Hole,	2/17/2022 10:43:59	AM		<u> </u>
MD (ftKB)			Vertical sche	ematic (actual)			Column li (actual)
15.1 –	Surface Casing	Cement; 15.0; 557.			0.00 in; 0.0 ftKB; 0.0		XO Sub XO Sub XO Sub XO Sub XO Sub HWDP HWDP HWDP
600.1 –	Cement Reta	iner; 1,349.0-1,350.	0	\\	-24; Surface; 15.0-55 20 in; H-40; 557.0 ft -5; Tubing; 2 3/8; 15.	KB; 94.00 lb/ft	HWDP XO Sub XO Sub HWDP
1,350.1		iner; 1,414.0-1,415.			Perforated; 1,374.0-		HWDP HWDP HWDP HWDP HWDP HWDP HWDP HWDP
1,375.0 — — 1,415.0 —		Casing Cement; 15.0 3,860. Casing Cement; 15.0					HWDP HWDP HWDP HWDP HWDP HWDP HWDP HWDP
2,792.0		3,971. 2'; 2,792.0; 7/30/195.	0		-17 1/2; Intermediate -Perforation; 2,791.0		HWDP HWDP HWDP HWDP HWDP Drilling Jars - Hydraulic
2,808.1	Cement Reta	iner; 2,808.0-2,809.					HWDP Drilling Jars - Hydraulic HWDP HWDP Drill Collar Drill Collar Drill Collar Drill Collar Drill Collar
2,840.9	oomon roa		W 2000		-Perforated; 2,841.0- -Perforated; 2,841.0-		Drill Collar Drill Collar Drill Collar Drill Collar Drill Collar Drill Collar
3,609.9							Drill Collar
3,799.9	Cut & pull 9 5/8" c	sg @ 3800'; 3,800.0 1/1/196					Drift Collar Drift Collar Drift Collar Drift Collar Drift Collar Drift Collar
3,971.1	Cement Plug - Ot	her; 3,700.0; 4,150.			13 3/8 in; J-55; 3,97		Drill Collar
4,140.1 — —			80 8 80 8 80 8	8 88 8 88 6 88	-Perforated; 4,139.0- -Perforated; 4,149.0-		Drill Collar
4,149.9	Cement Plug - Ot	her; 4,356.0; 4,510.		≈ å æ	1 GHOLAIGU, 4, 149.0-	¬,100.0, 0/18/2020	Drill Collar
4,508.9	TOC 9 5/8" csg @ 4	7/30/195	2	4 6	-Perforated; 4,509.0-	4,510.0; 8/17/2020	Drill Collar
4,560.0 — 6,006.9 —	Liner C	ement; 15.0; 9,850.	0				Drift Collar
6,108.9	DV Tool @ 6008	8'; 6,008.0; 7/30/195	2		D () : 0 : 0 = -	7 000 0 545455	Drift Collar Drift Collar Drift Collar Drift Collar Drift Collar Drift Collar Drift Collar
7,680.1	Intermediate 2 Cas	ing Cement; 4,560.0 10,073.			-Perforated; 6,123.0- -12 1/4; Intermediate		Dritt Collair
7,939.0 — 8,003.9 —					-Perforated; 7,939.0-	7,940.0; 8/13/2020	Dritt Collair
8,450.1 — 9,734.9 —					-Perforated; 8,450.0-	9,527.0; 3/5/1954	Drill Collar
9,850.1					7 in; L-80; 9,850.0 ft	-	Drill Collar
10,073.2					-Perforated; 10,025.0 9 5/8 in; N-80; 10,07 -Perforated; 10,125.0	73.0 ftKB; 40.00 lb/ft	Drill Collar
10,192.9	T00.7"	@ 40 400t 40 400 C		888	, .0,.20.0		Drill Collar
10,490.2	TOC 7" csg	@ 10,490'; 10,490.0 7/30/195					Drill Collar
11,129.9							Dvill Collar Dvill Collar Dvill Collar Dvill Collar Mud Motor Bit Sub wiFloat Bit Sub wiFloat
11,830.1 — — 11,935.0 —					-Perforated; 11,930.0	0; 9/25/1953	Bit Sub wiFloat Bit Sub wiFloat XO Sub Bit Sub wiFloat Junk Sub Crossover Junk Sub
12,359.9				<u>.</u>	Perforated; 12,220.0 10/27/1953	0-12,360.0;	Junk Sub- Junk Sub- Junk Sub- Baker SBB cement retain Fishing Magnet 6in, WLS-211 R, 19123 6in, DSX711M, 121417 6in, WLS-211 R, 108311 6in, XRT, PS6189
12,951.1					-Perforated; 12,448.0	0-12,951.0; 8/2/1952	6in, WLS-211 R, 108311 6in, XRT, PS6189
14,350.1	Production Casir	ng Cement; 10,490.0 16,626.			-8 5/8; Production; 10	0,073.0-16,626.0	
16,424.9				SSS 8			
16,566.9	Packe	er; 16,559.0-16,567.	0		7 in; N-80; 16,626.0 -6; Open Hole; 16,62		
17,205.1					-TD - Original Hole; 1	17,205.0	
XTO Energy	o Imaging: 1/6/2			age 1/1		Report Pr	inted: 2/17/20

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

DEFINITIONS

Action 82765

DEFINITIONS

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	82765
	Action Type:
	[UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

• this application's operator, hereinafter "this operator".

This form must be completed as part of OCD's Seismicity Response Protocol and updated after any qualifying event thereafter.

Applicability: This form must be completed for each well classified as an Underground Injection Control (UIC) Class II disposal well or Class II enhanced recovery injection well with active injection authority (wells). "Active injection authority" means a well that is authorized to inject pursuant to an administrative permit or hearing order. This includes wells that have an approved Application for Permit to Drill and have and approved injection permit but have not yet been drilled or commenced injection.

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QUESTIONS

Action 82765

QUESTIONS

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QUESTIONS

Prerequisites	
Well	[30-015-04749] J F HARRISON FEDERAL #001

Seismic Event Information		
The source and reference ID is required, if you would like to submit information of a new seismic event.		
Source of information (i.e., USGS, NMTSO, TexNet, other)	USGS	
Reference ID from source of information	tx2021oaql	
Magnitude	4.0	
Latitude	32.07000	
Longitude	-103.72000	
Date of occurrence	07/19/2021	
Depth of occurrence (kilometers)	5.00	

Injection Order			
Please indicate the latest (current) injection order permitting injection for this well.			
Admin Order (SWD-#)	SWD-1259-A [pTGW1213248112]		
Hearing Order (R-#)	Not answered.		

Well Information		
The following information is required for each well permitted within a 10-mile proximity of the epicenter.		
Distance from epicenter (miles)	9	
Top perforated and/or open-hole interval (vertical depth in feet)	0	
Bottom perforated and/or open-hole interval (vertical depth in feet)	0	
Formation(s) completed	Devonian; Fusselman	

Well Information Prior to Injection Volume Reduction		
Daily rates and pressures are based on the active injection days during the prior 6-month period.		
Average daily injection rate (BBLS per day), prior to reduction	0	
Average injection daily pressure (PSI), prior to reduction	0	
Well Type (i.e., Commercial, Lease Only, Single Operator)	Single Operator	

Well Information After Injection Volume Reduction		
The following information is required for each well permitted within a 10-mile proximity of the epicenter.		
Required injection rate reduction percentage (0%, 25%, 50%, Shut-in)	25%	
Average daily injection rate (BBLS per day) limit, post reduction	0	
Average injection daily pressure (PSI) limit, post reduction	0	
Reduction start date	09/01/2019	
Reduction achieved date	09/01/2019	

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ACKNOWLEDGMENTS

Action 82765

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	[UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

ACKNOWLEDGMENTS

V	This operator acknowledges that it must take the appropriate following action(s) as part of its seismic response protocol:
V	This operator shall report the daily injection volumes and pressures for each well on a weekly basis on the form prescribed by the OCD. The report is due on the Wednesday the week following the weekly monitoring interval.
V	This operator shall start or continue to digitally measure injection volumes and pressures for each well at a minimum of an hourly basis, and shall archive the data and make it available to OCD upon receipt of a written request.
V	This operator shall monitor seismicity events with magnitudes equal to or greater than M2.5 within a radius of 10 miles around each well using USGS / NMTSO data, and shall archive the data and make it available to OCD upon receipt of a written request.
V	This operator shall notify OCD and provide updated pertinent well information within 24 hours of an event greater than M 2.5 within a radius of 10 miles around each well using this OCD form.
V	After each event greater than M 2.5 within a radius of 10 miles around each well, this operator shall inspect well head and well equipment of each well to ensure proper working order. As part of this inspection, Operator should evaluate whether a Bradenhead test or MIT is warranted to ensure wellbore integrity.
V	I certify that, after reasonable inquiry and based on the available information at the time of submittal, this Seismic Information Form is true and correct to the best of my knowledge, and I acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
aschaefe	Accepted for record	1/6/2023