RECEIVED:	REVIEWER:	TYPE:	APP NO:	
		ABOVE THIS TABLE FOR OCD	DIVISION USE ONLY	
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TILIC	ADMINISTIS MANDATORY FOR A	RATIVE APPLICAT		TO DIVISION DIJLES AND
III)			IE DIVISION LEVEL IN SANTA	
				ID Number:
/ell Name:			API:_ Pool	Code:
SUBMIT ACCUR	ATE AND COMPLETE IN	FORMATION REQU INDICATED BEL		THE TYPE OF APPLICATION
A. Location	CATION: Check those - Spacing Unit - Simul NSL NSP P	1 1 3 -	on	SD
[1] Com [ [11] Injed	ne only for [1] or [11] mingling – Storage – N DHC	PLC $\square$ PC $\square$ Oure Increase – Enh	OLS	ery
A. Offset  B. Royal  C. Applic  D. Notific  E. Surfac  G. For al	N REQUIRED TO: Check coperators or lease ho ty, overriding royalty of cation requires publish cation and/or concurr cation and/or concurr ce owner I of the above, proof contice required	Iders wners, revenue oved notice ent approval by S ent approval by B	wners LO ELM	FOR OCD ONLY  Notice Complete  Application Content Complete  hed, and/or,
administrative understand th	N: I hereby certify that a approval is accurate hat no action will be take to submitted to the Di	and <b>complete</b> to ken on this applic	the best of my known	owledge. I also
N	ote: Statement must be compl	eted by an individual wit	h managerial and/or sup	pervisory capacity.
			Date	
Print or Type Name				
			Phone Number	
Amanda G Signature	Parcia			
Signature 7			e-mail Address	



September 13, 2024

#### **VIA ONLINE FILING**

Gerasimos Razatos, Division Director (Acting)
Oil Conservation Division
New Mexico Department of Energy, Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, NM 87505

Re: Application of XTO Permian Operating, LLC for administrative approval to surface commingle (lease) oil and gas production from spacing units comprised of Sections 1, 12, 13, 24, Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico (the "Lands")

Dear Mr. Razatos:

XTO Permian Operating, LLC (OGRID No. 373075) ("XTO"), pursuant to 19.15.12.10 NMAC, seeks administrative approval to surface commingle (lease) diversely owned oil and gas production at the Poker Lake Unit 13 PC Central Vessel Battery ("CVB") *insofar as all existing and future wells drilled in the following spacing units:* 

(a) The 640-acre, more or less, spacing unit comprised of E/2 of Sections 13 and 24, in the Purple Sage; Wolfcamp Gas Pool [98220] – currently dedicated to the following wells:

105H
107H
116H
118H
125H
127H
158H
165H
167H

XTO Permian Operating, LLC. Amanda Garcia 6401Holiday Hill Road, Bldg 5 Midland, TX 79707 432-894-1588 amanda.garcia@exxonmobil.com (b) The 719.94-acre, more or less, spacing unit comprised of NE/4 of Section 13, E/2 of Section 12 and the SE/4, Lot 1, SE/4NE/4 of Section 1, in the Purple Sage; Wolfcamp Gas Pool [98220] – currently dedicated to the following wells:

3001554359	Poker Lake Unit 13-24 PC	106H
3001553558	Poker Lake Unit 13-24 PC	108H
3001553557	Poker Lake Unit 13-24 PC	116H
3001553556	Poker Lake Unit 13-24 PC	118H
3001554358	Poker Lake Unit 13-24 PC	125H
3001553553	Poker Lake Unit 13-24 PC	127H
3001554357	Poker Lake Unit 13-24 PC	165H
3001554015	Poker Lake Unit 13-24 PC	166H
3001553552	Poker Lake Unit 13-24 PC	168H

(c) Pursuant to 19.15.12.10.C(4)(g), from all future additions of pools, leases or leases and pools to the Poker Lake Unit 13 PC Central Vessel Battery with notice provided only to the owners of interests to be added.

Oil and gas production from these spacing units will be commingled and sold at the CVB, located in the SW/4 NE/4 of Section 13, T24S, R29E. XTO plans to use the well test method for allocation of production and measurement purposes. Production will flow from the wellbore to either a test separator or bulk (common) production separator. The test separator will separate the gas, oil, and water. Gas production from the test separator will be metered with a calibrated orifice meter that is manufactured to AGA specifications. Oil production from the test separator will be metered using a Coriolis meter. Gas and oil production will then be allocated on a daily basis based on the most recent individual well tests of oil, gas and water.

**Exhibit 1** is a land plat showing XTO's current development plan, well pads, and the central vessel battery ("CVB Site") in the subject area. The plat also identifies the wellbores and lease/spacing unit boundaries.

**Exhibit 2** is a completed Application for Surface Commingling (Diverse Ownership) Form C-107-B, that includes a statement from Steven D. Wolfe, Senior Facilities Engineer with XTO, explaining how XTO plans to utilize the well test method and the measurement devices to be utilized, along with a detailed schematic of the surface facilities (Attachment A to the statement).

**Exhibit 3** is a C-102 for each of the wells currently permitted or drilled within the existing spacing units.

Ownership is diverse between the above-described spacing units, each of which are either subject to a pooling agreement or a pooling order and are therefore considered "leases" as defined by 19.15.12.7(C)

XTO Permian Operating, LLC. Amanda Garcia 6401Holiday Hill Road, Bldg 5 Midland, TX 79707 432-894-1588 amanda.garcia@exxonmobil.com NMAC. **Exhibit 4** is a list of the interest owners (including any owners of royalty or overriding royalty interest) affected by this application, an example of the letters sent by certified mail advising the interest owners that any objections must be filed in writing with the Division within 20 days from the date the Division receives this application, and proof of mailing. A copy of this application has been provided to the Bureau of Land Management since federal lands are involved.

Thank you for your consideration of this application. Please feel free to contact me if you have any questions or need additional information.

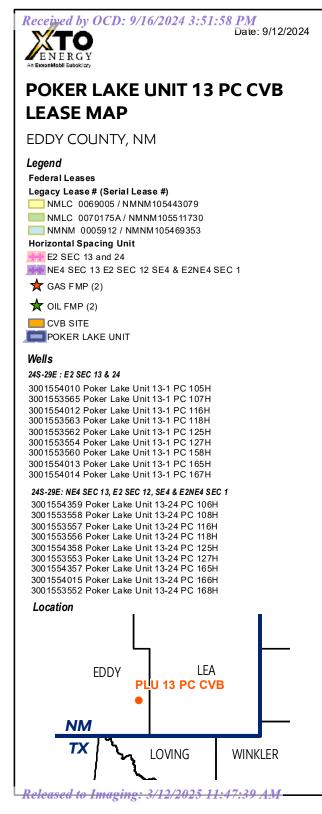
Sincerely,

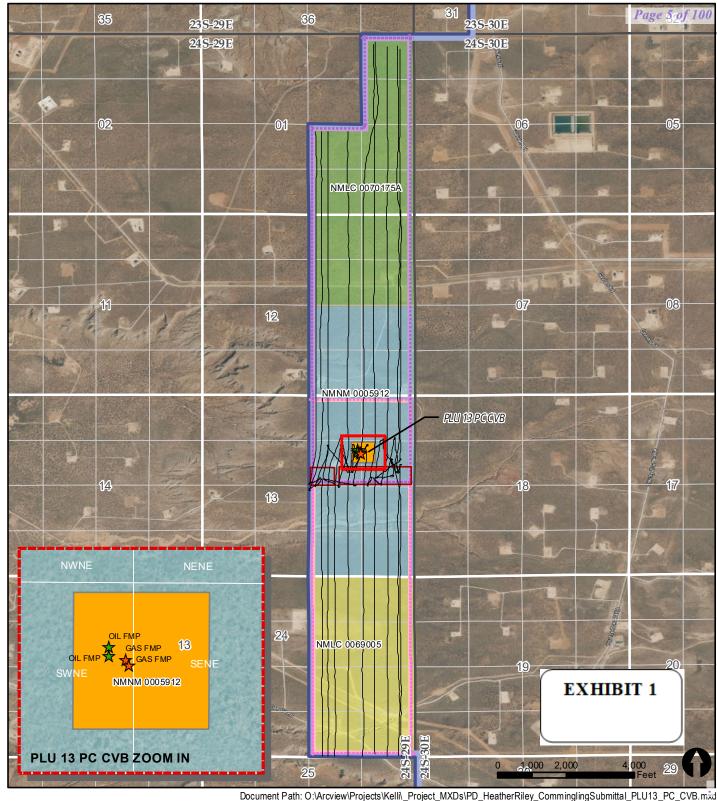
Amanda Garcia Amanda Garcia

NM Environmental & Regulatory Manager

Permian Business Unit

XTO Permian Operating, LLC. Amanda Garcia 6401Holiday Hill Road, Bldg 5 Midland, TX 79707 432-894-1588 amanda.garcia@exxonmobil.com





Santa Fe Main Office

Phone: (505) 476-3441 Fax: (55) 476-3462

General Information Phone: (505) 629-6116

Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/

# State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107-B Revised August 1, 2011

# OIL CONSERVATION DIVISION

1220 S. St Francis Drive Santa Fe, New Mexico 87505 Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

	Permian Operating LL		J (DIVERSE O	WINEKSHIF)					
	EXH	EXHIBIT 2							
OPERATOR ADDRESS: 6401 Holiday HIII Road, Midland TX 79707  APPLICATION TYPE:									
☐ Pool Commingling	ngling Pool and Lease Co	ommingling	Storage and Measurem	ent (O					
LEASE TYPE:	☐ State 🗵 Fed	eral							
Is this an Amendment to existing C									
Have the Bureau of Land Managen  ☐ Yes ☐ No	nent (BLM) and State Lan	d office (SLO) been no	tified in writing of	the proposed comm	ingling				
<u>X</u> 1es □No		OL COMMINGLIN							
(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes				
		-							
		_							
(2) Are any wells producing at top al	lowables? Tyes TNo								
<ul><li>(3) Has all interest owners been notif</li><li>(4) Measurement type:  Metering</li></ul>		roposed commingling?	□Yes □No.						
(5) Will commingling decrease the va	alue of production? Yes	□No If "yes", descri	ibe why commingling	should be approved					
	(R) LEA	SE COMMINGLIN	ıc						
		ts with the following in							
(1) Pool Name and Code.									
<ul><li>(2) Is all production from same source</li><li>(3) Has all interest owners been notified</li></ul>			xYes □No						
(4) Measurement type: Metering			IXITES LINO						
	(C) POOL and	l LEASE COMMIN	IGLING						
		ts with the following i							
(1) Complete Sections A and E.									
	(D) OFF-LEASE ST	FORAGE and MEA	SUREMENT						
		ets with the following							
<ol> <li>Is all production from same source</li> <li>Include proof of notice to all interest</li> </ol>	— —	No							
(2) Include proof of notice to all inter	est owners.								
(E)	ADDITIONAL INFO			es)					
(1) A schematic diagram of facility, i		ts with the following i	mormation						
(2) A plat with lease boundaries show		tions. Include lease numb	ers if Federal or State	lands are involved.					
(3) Lease Names, Lease and Well Nu	mbers, and API Numbers.								
I hereby certify that the information about	ove is true and complete to the	e best of my knowledge ar	nd belief.						
SIGNATURE: Amanda	Jarcia 1	TITLE: Regulatory Ma	ınager	DATE <b>9/13/2</b>	024				
TYPE OR PRINT NAME Amanda	/		TELEP	HONE NO.: <u>505-78</u>	87-0508				
E-MAIL ADDRESS: amanda.gar	cia@exxonmobil.com								

#### **Facility Process Flow and Measurement**

The production from each well will flow from its respective surface hole location through a flowline to an inlet header on the facility. The layout of the Facility is shown on the included Site Flow Diagram (SFD). The inlet header directs the well production into either a test separator or bulk (common) production separator. If a well is not directed to the test separator, the flow is directed into the bulk production separator.

The test separator is a horizontal vessel where the gas, oil, and water are separated and measured. The test separator has been designed to handle the Initial Production (IP) Rates of the wells and accurately measure the fluids. The gas flow is measured using an orifice meter following API Standard MPMS14.3.2 and the flow is calculated using an electronic flow meter (EFM). The oil flow is measured using a Coriolis flow meter following the API Standard MPMS 5.6. The water flow is measured using a mag meter. One well can be tested every day. Well test by separating and metering the oil production from the well for either (a) a minimum of twenty-four (24) consecutive hours; or (b) a combination of nonconsecutive periods that meet the following conditions: (i) each period shall be a minimum of six (6) hours; and (ii) the total duration of the nonconsecutive periods shall be a minimum of eighteen (18) hours. The Well Test Method used follows the American Petroleum Institute's Manual of Petroleum Measurement Standards, Chapter 20 (API MPMS 20.1) and meets BLM, state, and federal regulations.

After separation, the oil from the test and bulk separators is recombined into a shared line routed to a horizontal heater treater. From the heater treater the oil is routed to an oil surge vessel and then transferred into the oil pipeline using a LACT unit. The LACT unit has a Coriolis flow meter that will be used as the sales meter.

After separation, the gas from the test and bulk separators is recombined into a shared gas line. Gas is also recovered with compression from heater treaters, VRTs, and tanks. The shared gas line allows flow to either a gas sales line or to a flare on location. Gas flow is directed to the flare in the event of an emergency. The gas is measured going to the sales meter utilizing an orifice meter and the flow is calculated using an electronic flow meter (EFM).

After separation, the water from the test and bulk separators is recombined into a shared line routed to a Surge (Skim) Vessel. The Surge vessel separates any remaining gas and oil from the water. The water is pumped into the SWD system pipeline after being measured with a mag meter. The gas is recovered using compression and sent to the gas sales line. The skim oil is recovered and pumped back to the heater treater.

#### **Reservoir Forecasted Declines**

These wells may produce high volumes for a short three-month period and are then expected to decline for the remaining life of each well. After the initial period of hyperbolic decline, production stabilizes at a more predictable exponential decline rate.

#### **Production and Allocation**

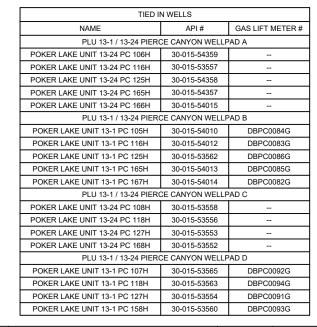
Based on the decline rates, the wells will be tested at differing frequencies for optimum accuracy. Based on the production decline, the following three periods will be used to determine well test frequency:

- Range 1 Initial Production Period from the first production until the earlier of either the peak production rate or thirty (30) days after the first production; minimum 10 well tests/per month
- Range 2 Plateau Period the end of the initial production period to the peak decline rate; minimum 3 well tests/per month
- Range 3 Decline Period the end of plateau period until will is plugged and abandoned; minimum 3 well tests/
  per month when the decline rate is >22% per month, 2 well tests/per month when the decline rate is between
  22%-10% per month, and 1 well test/per month when the decline rate is <10% per month</li>

Gas and oil production will then be allocated on a daily basis based on the most recent individual well tests of oil, gas, and water.

All the Test Data is collected into our Production Accounting System for Allocation. The allocation methodology is shown specifically in the attached spreadsheet. The time increment for reported sales through the sales meter is monthly.

Commingle approval will allow XTO to efficiently and effectively market production from the subject acreage.



DRAWING ID	METER DESCRIPTION	TYPE	METER ID#	PURPOSE
GM1	V-80000 TEST SEPARATOR	ORIFICE	DBPC0074G	ALLOCATION
GM2	V-80001 TEST SEPARATOR	ORIFICE	DBPC0075G	ALLOCATION
GM3	V-80002 TEST SEPARATOR	ORIFICE	DBPC0076G	ALLOCATION
GM4	V-80003 TEST SEPARATOR	ORIFICE	DBPC0077G	ALLOCATION
GM5	V-80004 TEST SEPARATOR	ORIFICE	DBPC0078G	ALLOCATION
GM6	V-80005 TEST SEPARATOR	ORIFICE	DBPC0079G	ALLOCATION
GM7	V-400 SALES GAS SCRUB TRAIN 1 PRIMARY SALES FMP	ORIFICE	DBPC0068G	SALES
GM8	V-402 SALES GAS SCRUB TRAIN 3 PRIMARY SALES FMP	ORIFICE	DBPC0069G	SALES
GM9	VRU CPK-140 & CPK-142 (SICK)	ULTRASONIC	DBPC0073C	PRODUCTION
GM10	20" SALES GAS CHECK TO COUGAR COMP. STA. (SICK)	ULTRASONIC	DBPC0071G	SALES CHECK
GM11	GAS LIFT BUY-BACK	ORIFICE	DBPC0072G	PRODUCTION
GM12	HP FLARE METER (SICK)	ULTRASONIC	DBPC0070G	PRODUCTION
OM1	V-80000 TEST SEPARATOR	CORIOLIS	DBPC0074O	ALLOCATION
OM2	V-80001 TEST SEPARATOR	CORIOLIS	DBPC0075O	ALLOCATION
OM3	V-80002 TEST SEPARATOR	CORIOLIS	DBPC0076O	ALLOCATION
OM4	V-80003 TEST SEPARATOR	CORIOLIS	DBPC0077O	ALLOCATION
OM5	V-80004 TEST SEPARATOR	CORIOLIS	DBPC0078O	ALLOCATION
OM6	V-80005 TEST SEPARATOR	CORIOLIS	DBPC0079O	ALLOCATION
OM7	LACT UNIT PPK-130 - TRAIN 1 PRIMARY OIL SALES FMP	CORIOLIS	DBPC0080OL	SALES
OM8	LACT UNIT PPK-132 - TRAIN 3 PRIMARY OIL SALES FMP	CORIOLIS	DBPC0081OL	SALES
WM1	WATER TRANSFER METER	MAGMETER		PRODUCTION

	GM7	V-400 SALES GAS	V-400 SALES GAS SCRUB TRAIN 1 PRIMARY SALES FMP							SALES
Γ	GM8	V-402 SALES GAS	SCRUB	TRAI	N 3 PRI	MARY SA	LES FMP	ORIFICE	DBPC0069G	SALES
Γ	GM9	VRU	J CPK-14	0 & CPI	<-142 (S	SICK)		ULTRASONIC	DBPC0073C	PRODUCTION
Γ	GM10	20" SALES GAS	20" SALES GAS CHECK TO COUGAR COMP. STA. (SICK)							SALES CHECK
Γ	GM11		GAS LI	FT BUY	-BACK			ORIFICE	DBPC0072G	PRODUCTION
Γ	GM12	1	HP FLAR	E METE	R (SIC	<)		ULTRASONIC	DBPC0070G	PRODUCTION
Γ	OM1	V	-80000 TI	EST SEI	PARAT	OR		CORIOLIS	DBPC0074O	ALLOCATION
Γ	OM2	V	-80001 TI	EST SEI	PARAT	OR		CORIOLIS	DBPC0075O	ALLOCATION
_ [	ОМЗ	V	-80002 TI	EST SEI	PARAT	OR		CORIOLIS	DBPC0076O	ALLOCATION
) [	OM4	****						CORIOLIS	DBPC0077O	ALLOCATION
	OM5	V	-80004 TI	EST SEI	PARAT	OR		CORIOLIS	DBPC0078O	ALLOCATION
	OM6	V	-80005 TI	EST SEI	PARAT	OR		CORIOLIS	DBPC0079O	ALLOCATION
J	OM7	LACT UNIT PPK-	-130 - TR	AIN 1 PI	RIMAR	OIL SAL	ES FMP	CORIOLIS	DBPC0080OL	SALES
ノ [	OM8	LACT UNIT PPK-	-132 - TR	AIN 3 PI	RIMAR	OIL SAL	ES FMP	CORIOLIS	DBPC0081OL	SALES
Γ	WM1	W	ATER TE	RANSFE	R MET	ER		MAGMETER		PRODUCTION
_										
)	Revision	Description of Change	Date	Ву	ENG. APPD. By	XT	0		AKE UNIT	

Facility Gas Usage								
Equipment	Usage							
TRAIN 1 HEATER TREATER	11.8 MSCFI							
TRAIN 3 HEATER TREATER	11.8 MSCFI							

PM

3:51:58

9/16/2024

OCD:

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EMULSION WATER -GAS. INSTR AIR

ATTACHMENT A

V-80005 TEST SEP.

V-80004

V-80003 TEST SEP.

H<sub>M3</sub>H

V-80002 TEST SEP.

V-80001

TEST SEP.

V-80000

TEST SEP

125H, 166H, 116H

168H, 118H, 118H

**ISSUED** FOR **REVIEW** 

13-1 PC 127H / PAD D 13-1 PC 158H / PAD D 13-1 PC 107H / PAD D

13-1 PC 118H / PAD D

HEADER SKID #3

HEADER SKID #2

HEADER SKID #1

13-24 PC 118H / PAD C 13-24 PC 168H / PAD C

**B**N0

Nc gn

13-24PC 108H / PAD C 13-24 PC 127H / PAD C 13-1 PC 165H / PAD B

13-1 PC 125H / PAD B 13-1 PC 105H / PAD B 13-1 PC 167H / PAD B

13-1 PC 116H / PAD B 13-24 PC 165H / PAD A 13-24 PC 106H / PAD A 24 PC

13-24 PC 125H / PAD A 13-24 PC 166H / PAD A 13-24 PC 116H / PAD A

Revision	Description of Change	Date	Ву	ENG. APPD. By	TO ENERGY	
A	FOR APPROVAL	9/13/2024	JLF		An ExxonMobil Subsidiary	

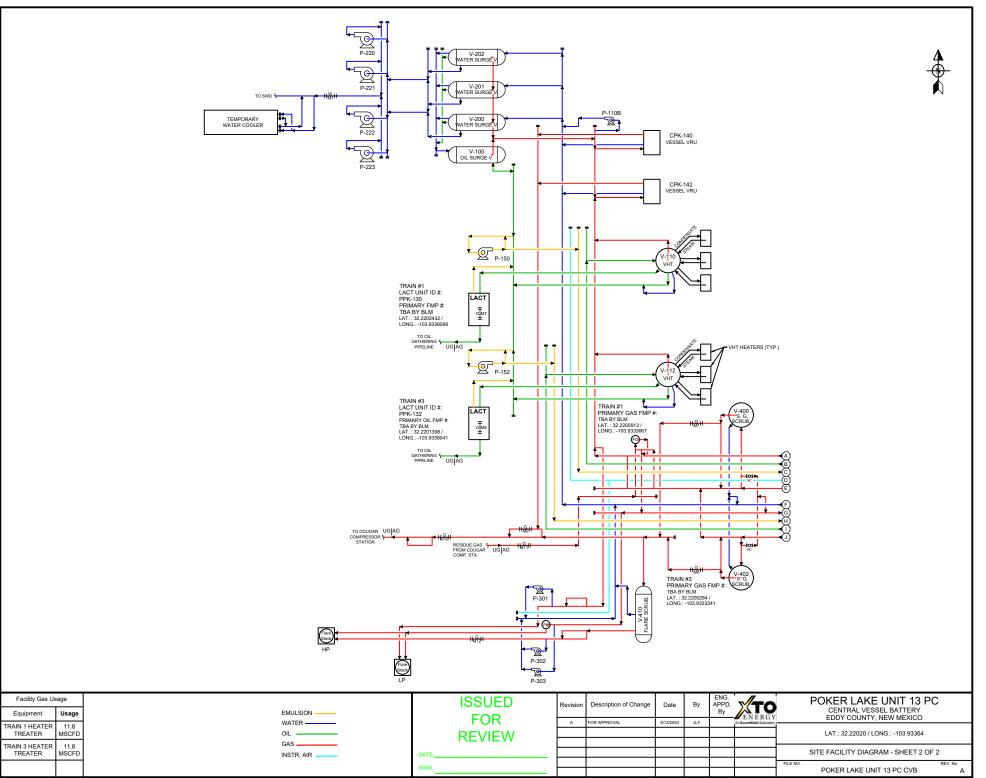
EDDY COUNTY, NEW MEXICO

LAT.: 32.22022 / LONG.: -103.93364

SITE FACILITY DIAGRAM - SHEET 1 OF 2 POKER LAKE UNIT 13 PC CVB

OCD: 9/16/2024 3:51:58 PM

Received by



<u>C-10</u>	02		Ene	ergy. N		ew Mexico ral Resources Department				Revised July 9	), 2024		
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UL O	Section 24	Townshi	.   -	Lot	Ft. from N/S 100' FSL		Ft. from E/W 1,989' FEL	Latitude 32.195		ongitude -103.93	5905	County EDDY	
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I hereb	v certify that t	the informat	ion contained her	ein is tru	e and complete to th	'ne	I hereby certify th	at the well lo	ocation show	n on this	plat was	s plotted from fie	eld
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location	n or has a righ	ht to drill th	is well at this loca	ition purs	uant to a contract w		I, TIM C. PAPPAS, NEW 21209, DO HEREBY C	W MEXICO PRO	FESSIONAL SUR	AT AND TH	E _		
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		atech@	exxonmob	il con	n		TIM C. PAPPA			•			
Email A		icesii@		it.COI	11		TIM O, FAFFA	C 2 12U3	7/28/2	.023			
		lowable wil	ll be assigned to i	his comp	letion until all inte	rests h	ave been consolidate	ed or a non-s	tandard unit	has been	approve	ed by the division	<u>n</u> .
	11.1.0 41			. somp	ve save prebel	230 10			& 20101	_ 55011	11.50	. J derroron	

FSCINC BURVEYORS+ENGINEERS

2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net
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DATE: DRAWN BY: CHECKED BY: FIELD CREW:

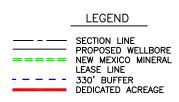
PROJECT NO: SCALE: SHEET: 9-8-2024 LM CH IR

2023060327 1 OF 2

REVISION: NO

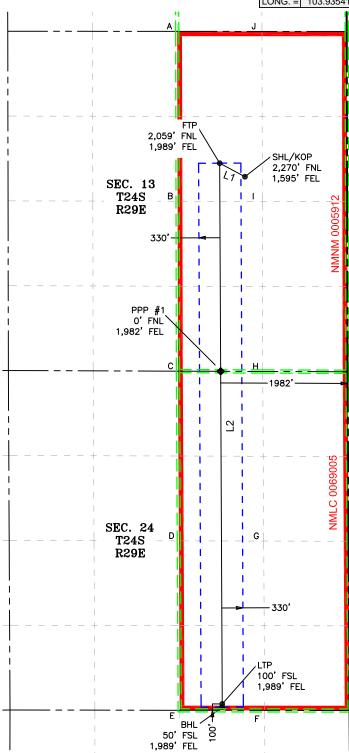
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



<u>LINE TABLE</u>										
LINE	AZIMUTH	LENGTH								
L1	298° 10'09"	447.50'								
L2	179 44'04"	8,498.35'								

COORDINATE TABLE												
SHL/	KOP (NAD 83	NME)	F	FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)					
Y =	443,477.5	N	Y =	443,688.8	N	Y =	440,437.1	N				
X =	664,628.6	Е	X =	664,234.1	Е	X =	664,249.2	Е				
LAT. =	32.218568	°N	LAT. =	32.219152	°N	LAT. =	32.210214	°N				
LONG. =	103.934657	°W	LONG. =	103.935931	°W	LONG. =	103.935921	°W				
LT	P (NAD 83 NM	IE)	В	HL (NAD 83 NM	Ξ)							
Y =	435,240.5	N	Y =	435,190.5	N							
X =	664,273.2	Е	X =	664,273.5	Е							
LAT. =	32.195929	°N	LAT. =	32.195792	°N							
LONG. =	103.935905	°W	LONG. =	103.935905	°W							
SHL/	KOP (NAD 27	NME)	F	FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)					
Y =	443,418.2	N	Y =	443,629.4	N	Y =	440,377.8	N				
X =	623,445.1	Е	X =	623,050.7	Е	X =	623,065.6	Е				
LAT. =	32.218443	°N	LAT. =	32.219028	°N	LAT. =	32.210090	°N				
LONG. =	103.934169	°W	LONG. =	103.935442	°W	LONG. =	103.935432	°W				
LT	P (NAD 27 NM	IE)	В	HL (NAD 27 NM	Ξ)							
Y =	435,181.4	N	Y =	435,131.4	Ν							
X =	623,089.5	Е	X =	623,089.8	Е							
LAT. =	32.195805	°N	LAT. =	32.195667	°N		•					
LONG. =	103.935417	°W	LONG. =	103.935417	°W							



C	ORNER COO	RDI	NATES (1	NAD83 NME)	
A - Y =	445,748.2	N	A - X =	663,570.2	E
B - Y =	443,093.9	N	B - X =	663,576.0	Е
C - Y =	440,439.6	N	C - X =	663,581.8	Е
D - Y =	437,788.4	N	D - X =	663,595.7	Е
E - Y =	435,141.5	N	E - X =	663,609.5	Е
F - Y =	435,139.5	N	F-X=	664,936.2	Е
G - Y =	437,785.4	N	G - X =	664,921.5	Е
H - Y =	440,434.7	N	H - X =	664,906.3	Е
I - Y =	443,091.0	N	I - X =	664,900.3	E
J - Y =	445,747.4	N	J - X =	664,894.3	Е
C	ORNER COO	RDII	NATES (1	NAD27 NME)	
A - Y =	445,688.8	N	A - X =	622,386.8	E
B - Y =	443,034.6	N	B - X =	622,392.5	Е
C - Y =	440,380.3	N	C - X =	622,398.2	Е
D - Y =	437,729.1	N	D - X =	622,412.0	Е
E - Y =	435,082.3	N	E - X =	622,425.8	Е
F - Y =	435,080.4	N	F-X=	623,752.4	Е
G - Y =	437,726.2	N	G - X =	623,737.8	Е
H - Y =	440,375.4	N	H - X =	623,722.7	Е
I - Y =	443,031.7	N	I - X =	623,716.8	Е
J - Y =	445,687.9	N	J - X =	623,710.9	Е



SEC. 25 T24S \_R29E\_

DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-8-2024 PROJECT NO:
LM SCALE:
CH SHEET:
IR REVISION:

2023060327 1" = 1,500' 2 OF 2

C 10	· · · · · · · · · · · · · · · · · · ·										Revised July 9, 2024
<u>C-10</u>	<u>12</u>		Ena			lew Mexico	) an auton	· ont			
Submit E	lectronically		Ene	<b>-</b>		ıral Resources I ATION DIVISIO		ieni			Initial Submittal
Via OCD	Permitting			O	IL CONSERVA	THON DIVISION	<b>51</b> 1		Submitta Type:	al 🛛	Amended Report
									1,7,70		As Drilled
					WELL LOCATION						
API Ni 30-0	ımber 115-53565		Pool Code 98220		Pool Nar PURP	<sup>ne</sup> LE SAGE; WOLFCAN	ИP				
Propert			Property Name	POKI	ER LAKE UNIT 13-1 I	PC				Well N	
ORGII 3730			Operator Name	ХТО	PERMIAN OPERATII	NG, LLC.				Ground 3,12	l Level Elevation 1'
Surface	Owner:	State  F	ee 🗌 Tribal 🗶	Federal		Mineral Owner:	State   F	ee 🗌 Triba	1 X Fede	ral	
					Surface	Location					
UL H	Section 13	Township 24 S	Range 29 E	Lot	Ft. from N/S 2,270' FNL	Ft. from E/W 425' FEL	Latitude 32.2185		ongitude -103.930	874	County EDDY
						ole Location					
UL P	Section 24	Township 24 S	Range 29 E	Lot	Ft. from N/S 50' FSL	Ft. from E/W 669' FEL	Latitude 32.1957		ongitude -103.931	637	County EDDY
Dedica	ted Acres	Infill or De	efining Well	Definin	ıg Well API	Overlapping Spacing U	nit (Y/N)	Consolida	tion Code		
640		INFILL			Ŏ1554015	Y	,	U			
Order l	Numbers.					Well setbacks are under	r Common (	Ownership:	X Yes □	] No	
					Kick Off	Point (KOP)					
UL	Section	Township	.   -	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	074	County
Н	13	24 S	29 E		2,270' FNL First Take	425' FEL Point (FTP)	32.2185	54 -	103.9308	874	EDDY
UL	Section	Township	.	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	607	County
Н	13	24 S	29 E		2,020' FNL	669' FEL	32.2192	244	-103.931	637	EDDY
UL	Section	Township	Range	Lot	Ft. from N/S	Point (LTP)  Ft. from E/W	Latitude		ongitude		County
Р	24	24 S	29 E		100' FSL	669' FEL	32.1959	910	-103.931	638	EDDY
Unitize	d Area or Are			Spacin	g Unit Type <b>K</b> Horizo	ntal  Vertical	Gro	ound Floor I	Elevation:	3.121'	
		NMNM	105422429		<u> </u>					3,121	
OPE	RATOR C	ERTIFIC	ATIONS			SURVEYOR CI	ERTIFIC.	ATIONS			
					e and complete to the	I hereby certify that					
interesi	or unleased i	nineral inter	rest in the land in	cluding th	either owns a working he proposed bottom hole	is true and correct to	o the best of	my belief.		rvision,	, ana inai ine same
an own	er of such a n	ineral or wo	orking interest, or	to a volı		I, TIM C. PAPPAS, NEW M 21209, DO HEREBY CERT ACTUAL SURVEY ON THE WERE PERFORMED BY ME	TIFY THAT THIS GROUND UPO	S SURVEY PLA ON WHICH IT IS	T AND THE S BASED		C. PAPA
	•				ed by the division. ganization has received	THAT I AM RESPONSIBLE MEETS THE MINIMUM STAI MEXICO, AND THAT IS TR	FOR THIS SU NDARDS FOR UE AND CORR	RVEY, THAT TI SURVEYING IN	HIS SURVEY NEW		MEXIC TO
the con	sent of at leas	t one lessee	or owner of a wo	rking inte	erest or unleased mineral sich any part of the well's	- 1/1 .	1EF. 9 St	ept 20	724		21209
	ted interval w				y pooling form the	TIM C. PAPPAS			\-		1 1
			0	00.74	1./2.4	REGISTERED PROFESSION STATE OF NEW MEXICO N	AL LAND SURV	VEYOR	\	Pris	MONAL SURVEY
11 La	inoj Ve	rkates	h	09/1	I / <del>L'4</del>						ONAL 35
Signatu		_	Ι	Date		Signature and Seal of	Professiona	l Surveyor			
Mano	oj Venka	tesh				-					
Printed						Certificate Number		Date of Surv	vey		
		itesh@e	exxonmob	il.cor	n	TIM C. PAPPAS	21209	7/28/2	023		
Email	Address	lowett "	I be action 11	thin -	Intion until all the control	have been some 111 of		undan da e e e	haa b		d bu the district
	ivote: No al	iowable wil	ı ve assigned to i	nis comp	venon until all interests	have been consolidated (	or a non-sta	maard unit i	nas been a	ıpprove	a by the aivision.

FSCINC BURVEYORS+ENGINEERS

2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net
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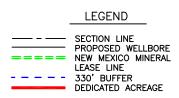
DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-8-2024 LM CH IR PROJECT NO: SCALE: SHEET: 2023060331

REVISION:

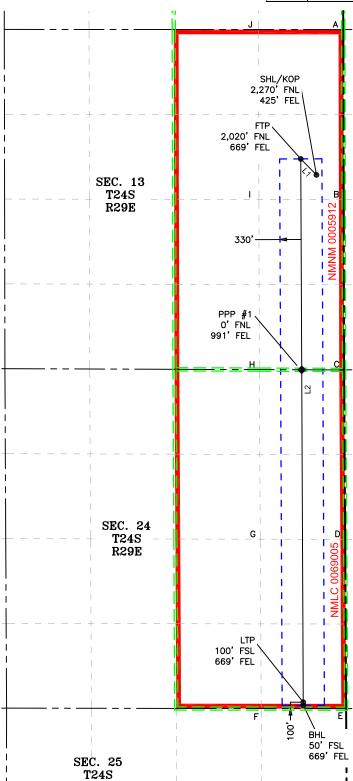
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



	LINE TABL	<u>E</u>
LINE	AZIMUTH	LENGTH
L1	315° 38'42"	349.86'
L2	179' 44'06''	8,538.44'

			CC	ORDINATE TA	BLE				
SHL/	KOP (NAD 83	NME)		TP (NAD 83 NM		PPP #1 (NAD 83 NME)			
Y =	443,476.8	Ň	Y =	443,726.9	N	Y =	440,432.3	N	
X =	665,798.6	Е	X =	665,554.1	Е	X =	665,569.3	Е	
LAT. =	32.218554	°N	LAT. =	32.219244	°N	LAT. =	32.210187	°N	
LONG. =	103.930874	°W	LONG. =	103.931662	°W	LONG. =	103.931653	°W	
LT	P (NAD 83 NN	IE)	В	HL (NAD 83 NMI	Ε)				
Y =	435,238.6	N	Y =	435,188.6	N				
X =	665,593.3	Е	X =	665,593.6	Е				
LAT. =	32.195910	°N	LAT. =	32.195773	°N				
LONG. =	103.931638	°W	LONG. =	103.931637	°W				
SHL/	KOP (NAD 27	NME)	F	TP (NAD 27 NM	≣)	PPP #1 (NAD 27 NME)			
Y =	443,417.4	N	Y =	443,667.6	N	Y =	440,373.0	Ν	
X =	624,615.1	Е	X =	624,370.6	E	X =	624,385.7	E	
LAT. =	32.218429	°N	LAT. =	32.219119	°N	LAT. =	32.210063	°N	
LONG. =	103.930385	°W	LONG. =	103.931173	°W	LONG. =	103.931164	°W	
LT	P (NAD 27 NN	IE)	В	HL (NAD 27 NMI	Ε)				
Y =	435,179.4	Ν	Y =	435,129.4	N				
X =	624,409.5	Е	X =	624,409.8	Е				
LAT. =	32.195786	°N	LAT. =	32.195648	°N		•		
LONG. =	103.931150	°W	LONG. =	103.931150	°W				



<u>C</u> (	ORNER COO	RDII	NATES (N	NAD83 NME)	
A - Y =	445,746.5	N	A - X =	666,218.3	Е
B - Y =	443,088.1	N	B - X =	666,224.6	Е
C - Y =	440,429.8	N	C - X =	666,230.7	Е
D - Y =	437,782.5	N	D - X =	666,247.3	Е
E - Y =	435,137.6	N	E - X =	666,262.9	Е
F - Y =	435,139.5	N	F - X =	664,936.2	Е
G - Y =	437,785.4	N	G - X =	664,921.5	Е
H - Y =	440,434.7	N	H - X =	664,906.3	Е
I - Y =	443,091.0	N	I - X =	664,900.3	Е
J - Y =	445,747.4	N	J - X =	664,894.3	Ε
C	ORNER COO	RDII	NATES (N	NAD27 NME)	
A - Y =	ORNER COO 445,687.1	<b>RDII</b>	A-X=	<b>NAD27 NME)</b> 625,034.9	E
					E
A - Y =	445,687.1	N	A - X =	625,034.9	
A - Y = B - Y =	445,687.1 443,028.8	N N	A - X = B - X =	625,034.9 625,041.0	E
A - Y = B - Y = C - Y =	445,687.1 443,028.8 440,370.5	N N N	A - X = B - X = C - X =	625,034.9 625,041.0 625,047.1	E
A - Y = B - Y = C - Y = D - Y =	445,687.1 443,028.8 440,370.5 437,723.3	N N N	A-X= B-X= C-X= D-X=	625,034.9 625,041.0 625,047.1 625,063.6	E E
A-Y= B-Y= C-Y= D-Y= E-Y=	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4	N N N N	A-X= B-X= C-X= D-X= E-X=	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1	E E E
A - Y = B - Y = C - Y = D - Y = E - Y = F - Y =	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4 435,080.4	N N N N N	A-X= B-X= C-X= D-X= E-X= F-X=	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1 623,752.4	E E E E
A - Y = B - Y = C - Y = D - Y = E - Y = F - Y = G - Y =	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4 435,080.4 437,726.2	N N N N N	A - X = B - X = C - X = D - X = E - X = F - X = G - X =	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1 623,752.4 623,737.8	E E E E

FSC INC

**R29E** 

2821 West 7th Street, Suite 200
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Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
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DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-8-2024 LM CH IR PROJECT NO: SCALE: SHEET: REVISION:

2023060331 1" = 1,500' 2 OF 2

<u>C-10</u>											Revised July 9, 202
	<u>)2</u>		-			lew Mexico	ъ.				11011100000111, 31, 202
Submit E	lectronically		Ene	••	Minerals & Nati		•	ent			Initial Submittal
	Permitting			O	IL CONSERV	ATION DIVIS	ION		Submittal		Amended Report
									Type:	$\vdash$	As Drilled
											is brined
					WELL LOCATION	N INFORMATION	ſ				
API Nu			Pool Code		Pool Na		=				
30-0 Propert	115-54012		98220 Property Name		PURF	PLE SAGE; WOLFC	AMP			Well Nu	mher
3338			Property Name	POK	ER LAKE UNIT 13-1	PC				116H	ilibei
ORGIE 3730			Operator Name	хто	PERMIAN OPERATI	NG, LLC.			(	Ground 1 3,106'	Level Elevation
		State □ Fe	ee 🗌 Tribal 🗓	Federal		Mineral Owner:	☐ State ☐ Fee	· □ Tribal f	▼ Feder:	•	
				1 000101	C :: f			,	A reach		
UL	Section	Township	Range	Lot	Ft. from N/S	Location  Ft. from E/W	Latitude	Lon	gitude		County
G	13	24 S	29 E		2,270' FNL	1,565' FEL	32.21856		03.9345	560	EDDY
			-	7		ole Location			•. •		
UL O	Section 24	Township 24 S	Range 29 E	Lot	Ft. from N/S 50' FSL	Ft. from E/W 1,659' FEL	Latitude 32.19578		gitude 03.9348	338	County EDDY
Dedica 640	ted Acres	Infill or De	efining Well		ng Well API 1554014	Overlapping Spacing Y	Unit (Y/N)	Consolidatio	on Code		
	Numbers.	IINI ILL				Well setbacks are und	der Common Ou		l Vac 🗆	No.	
Older	vuinoers.					wen setbacks are und	der Common Ov	vnersnip.	i i es 📋	NO	
					Kick Off	Point (KOP)					
UL G	Section 13	Township 24 S	Range 29 E	Lot	Ft. from N/S 2,270' FNL	Ft. from E/W 1,565' FEL	Latitude 32.21856		gitude 03.9345	560	County EDDY
	10	24 3	29 L		·	Point (FTP)	32.21000	, ,	00.0040		
UL	Section	Township		Lot	Ft. from N/S	Ft. from E/W	Latitude		gitude	200	County
G 	13	24 S	29 E		2,059' FNL	1,659' FEL	32.21914	8 -1	03.9348	363	EDDY
UL	Section	Township	Range	Lot	Last Take Ft. from N/S	Point (LTP)  Ft. from E/W	Latitude	Lon	gitude		County
0	24	1 -	29 E		100' FSL	1,659' FEL	32.19592		03.9348	338	EDDY
		24 S									
		24 3									
	d Area or Are	ea of Uniforn		Spacin	ng Unit Type 🔀 Horizo	ntal  Vertical	Grou	ınd Floor Ele	evation: 3	3,106'	
	d Area or Are	ea of Uniforn	m Interest	Spacir	ng Unit Type 🔀 Horizo	ntal  Vertical	Grou	and Floor Ele	evation: 3	3,106'	
	d Area or Are	ea of Uniforn	m Interest	Spacin	ng Unit Type 👿 Horizo	ntal  Vertical	Grou	and Floor Ele	evation:	3,106'	
Unitize	d Area or Are	ea of Uniform	n Interest 05422429	Spacin	ng Unit Type 👿 Horizo	ntal			evation:	3,106'	
Unitize	RATOR C	a of Uniforn NMNM1	n Interest 105422429 ATIONS				CERTIFICA	TIONS			olotted from field
Unitize  OPE  I hereb best of	RATOR C y certify that i my knowledge	ea of Uniforn NMNM1  ERTIFIC  the informatic and belief,	n Interest 105422429  ATIONS  ion contained her and that this org	rein is tru	e and complete to the either owns a working	SURVEYOR	CERTIFICA at the well local veys made by n	TIONS tion shown one or under t	on this pla	at was p	
Unitize  OPE  I hereby best of interest location	RATOR C y certify that i my knowledge tor unleased i n or has a rigi	ea of Uniforn NMNM1  ERTIFIC  the informatic e and belief,  nineral interstate to drill this	n Interest 1.05422429  ATIONS  ion contained her and that this orgest in the land in swell at this local	rein is tru anization acluding to	e and complete to the either owns a working he proposed bottom hole want to a contract with	SURVEYOR (  I hereby certify the notes of actual sur is true and correct  I, TIM C. PAPPAS, NEW 21209, DO HEREBY CE	CERTIFICA  at the well loca  veys made by n  to the best of n  MEXICO PROFESS  ERTIFY THAT THIS:	TIONS  tion shown one or under the or under the ory belief. Sional Survey PLAT of the ory of the or	on this pla my super OR NO. AND THE	at was p	
Unitize  OPE  I hereby best of interest location an own	RATOR C y certify that t my knowledge or unleased t n or has a rig er of such a n	ea of Uniform NMNM1  ERTIFIC  the informative and belief, mineral intervite to drill thin interval or we	n Interest 1.05422429  ATIONS  ion contained her and that this org rest in the land ir is well at this locorking interest, o	rein is tru anization ccluding to ation purs r to a volu	e and complete to the either owns a working he proposed bottom hole want to a contract with	SURVEYOR (  I hereby certify the notes of actual sur is true and correct 1, TIM C. PAPPAS, NEW 21209, DO HERBY CE ACTUAL SURVEY ON THE WERE PERFORMED BY THAT I AM RESPONSIBI	CERTIFICA  at the well local veys made by n to the best of n MEXICO PROFESS ERTIFY THAT THIS ME OR UNDER ME E FOR UNDER SUR	TIONS  tion shown a ne or under n ny belief. SIONAL SURVEY PLAT ; WHICH IT IS I O DIRECT SUPE	on this plo my super YOR NO. AND THE BASED ERVISION; S SURVEY	at was p	
OPEI  I hereb best of interest location an own agreem  If this v	RATOR C wy certify that is my knowledge or unleased in or has a rigi er of such a n ent or a comp well is a horiz	ea of Uniforn NMNM1  ERTIFIC  The informative and belief, inineral interior with the inineral or we will be interested in the initial well, I.	n Interest 105422429  ATIONS  ion contained her and that this org rest in the land in swell at this loce orking interest, or ing order heretof further certify th	rein is tru anization acluding to ation purs ro a volu ore entere at this org	e and complete to the either owns a working he proposed bottom hole ruant to a contract with untary pooling ed by the division. ganization has received	SURVEYOR (  I hereby certify the notes of actual sur is true and correct 1, TIM C. PAPPAS, NEW 21209, DO HEREBY CE ACTUAL SURVEY ON THE WERE PERFORMED BY THAT I AM RESPONSIBI MEETS THE MINIMUM S MEXICO, AND THAT IS MY KNOWLEDGE AND B	CERTIFICA  at the well local veys made by n to the best of n MEXICO PROFESS EITEY THAT THIS IS EE GROUND UPON ME OR UNDER MY LE FOR THIS SURV TANDARDS FOR SI TRUE AND CORREC	TIONS  tion shown a ne or under i ny belief. SIONAL SURVEY SURVEY PLAT WHICH IT IS II O DIRECT SUPP EY, THAT THIS INVEYING IN N	on this pla my super OR NO. AND THE BASED ERVISION; S SURVEY	at was p	
Unitize  OPE  I hereb best of interest location an own agreem  If this v the con interest	y certify that we my knowledge or unleased on or has a right or a composer of such a new tor a composer of at lease in each tract	ea of Uniform NMNM!  ERTIFIC  the informative and belief, mineral interest to drill thi mineral or we mulsory poolic contal well, I t one lessee (in the targe	an Interest 105422429  ATIONS  ion contained her and that this org rest in the land in s well at this locarking interest, oring order heretof further certify the or owner of a west pool or format.	rein is tru anization cluding to tion purs r to a volu ore entere at this org orking inte	e and complete to the either owns a working the proposed bottom hole ruant to a contract with untary pooling ed by the division. ganization has received erest or unleased mineral tich any part of the well's	SURVEYOR OF Thereby certify the notes of actual sur is true and correct, I, TIM C. PAPPAS, NEW 21209, DO HEREBY OF ACTUAL SURVEY ON THE WERE PERFORMED BY THAT I AM RESPONSIBLEMENTS THE MINIMUS MEXICO, AND THAT IS MY KNOWLEDGE AND B	CERTIFICA  at the well local veys made by n to the best of n MEXICO PROFESS EITEY THAT THIS IS EE GROUND UPON ME OR UNDER MY LE FOR THIS SURV TANDARDS FOR SI TRUE AND CORREC	TIONS  tion shown a ne or under i ny belief. SIONAL SURVEY SURVEY PLAT WHICH IT IS II O DIRECT SUPP EY, THAT THIS INVEYING IN N	on this pla my super YOR NO. AND THE BASED ERVISION; S SURVEY	at was p	C. PAPA  MEXICO  21209
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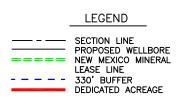
FSCINC BURVEYORS+ENGINEERS

DATE: DRAWN BY: CHECKED BY: FIELD CREW:

PROJECT NO: SCALE: SHEET: 9-8-2024 LM CH IR REVISION:

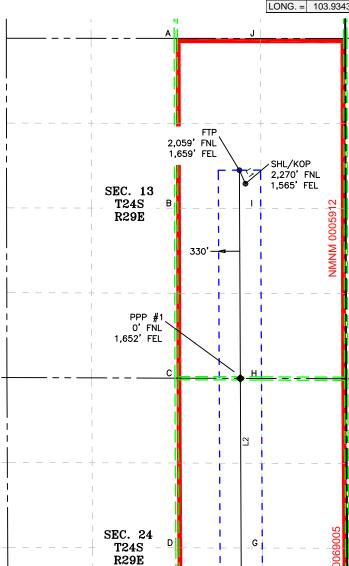
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



	LINE TABL	<u>E</u>
LINE	AZIMUTH	LENGTH
L1	335° 52'52"	231.25'
L2	179 44'04"	8,498.62'

			CC	ORDINATE TA	BLE				
SHL/	KOP (NAD 83	NME)	F	TP (NAD 83 NME	Ξ)	PP	P #1 (NAD 83 NN	ΛE)	
Y =	443,477.5	N	Y =	443,688.6	N	Y =	440,435.9	N	
X =	664,658.6	Е	X =	664,564.1	Е	X =	664,579.2	Е	
LAT. =	32.218567	°N	LAT. =	32.219148	°N	LAT. =	32.210207	°N	
LONG. =	103.934560	°W	LONG. =	103.934863	°W	LONG. =	103.934854	°W	
LT	P (NAD 83 NN	IE)	В	HL (NAD 83 NMI	Ε)				
Y =	435,240.0	N	Y =	435,190.0	N				
X =	664,603.2	Е	X =	664,603.5	Е				
LAT. =	32.195924	°N	LAT. =	32.195787	°N				
LONG. =	103.934838	°W	LONG. =	103.934838	°W				
SHL/	KOP (NAD 27	NME)	F	TP (NAD 27 NME	Ξ)	PPP #1 (NAD 27 NME)			
Y =	443,418.1	N	Y =	443,629.2	N	Y =	440,376.6	N	
X =	623,475.1	Е	X =	623,380.7	Е	X =	623,395.6	Е	
LAT. =	32.218443	°N	LAT. =	32.219024	°N	LAT. =	32.210083	°N	
LONG. =	103.934072	°W	LONG. =	103.934375	°W	LONG. =	103.934365	°W	
LT	P (NAD 27 NN	IE)	В	HL (NAD 27 NMI	Ε)				
Y =	435,180.9	N	Y =	435,130.9	N				
X =	623,419.5	Е	X =	623,419.8	Е		•		
LAT. =	32.195800	°N	LAT. =	32.195662	°N				
LONG. =	103.934350	°W	LONG. =	103.934350	°W				



<u>C</u>	<u>ORNER COO</u>	<u>RDII</u>	NATES (N	NAD83 NME)	
A - Y =	445,748.2	N	A - X =	663,570.2	Е
B - Y =	443,093.9	N	B - X =	663,576.0	Е
C - Y =	440,439.6	N	C - X =	663,581.8	Е
D - Y =	437,788.4	N	D - X =	663,595.7	Е
E - Y =	435,141.5	N	E - X =	663,609.5	Е
F - Y =	435,139.5	N	F - X =	664,936.2	Е
G - Y =	437,785.4	N	G - X =	664,921.5	Е
H - Y =	440,434.7	N	H - X =	664,906.3	Е
I - Y =	443,091.0	N	I - X =	664,900.3	Е
J - Y =	445,747.4	N	J - X =	664,894.3	Е
C	ORNER COO	RDII	NATES (N	NAD27 NME)	
A - Y =	445,688.8	N	A - X =	622,386.8	Е
B - Y =	443,034.6	N	B - X =	622,392.5	Е
C - Y =	440,380.3	N	C - X =	622,398.2	Е
D - Y =	437,729.1	N	D - X =	622,412.0	Е
E - Y =	435,082.3	N	E - X =	622,425.8	Е
F - Y =	435,080.4	N	F - X =	623,752.4	Е
G - Y =	437,726.2	N	G - X =	623,737.8	Е
H - Y =	440,375.4	N	H - X =	623,722.7	Е
I - Y =	443,031.7	N	I - X =	623,716.8	Е
J - Y =	445,687.9	N	J - X =	623,710.9	Е



2821 West 7th Street, Suite 200
Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPL5 Firm 10193887
www.fscinc.net

BHL ' 50' FSL 1,659' FEL

100

330

100' FSL 1,659' FEL

DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-8-2024 LM CH IR

PROJECT NO: SCALE: SHEET: REVISION:

2023060328 1" = 1,500' 2 OF 2 NO

SEC. 25 T24S \_R29E\_

<u>C-10</u>	2		Ene	rgy, N	State of N Minerals & Natu	ew Mexico	Departmer	nt			Revised July 9, 2024
	ectronically				IL CONSERVA		•				Initial Submittal
Via OCD	Permitting								Submit Type:	tal 🛮	Amended Report
											As Drilled
		'			WELL LOCATION	INFORMATION					
API Nu			Pool Code 98220		Pool Nan	ne LE SAGE; WOLFCA	MD				
Propert			Property Name	DOK!	======================================	·	AIVII			Well N	
3338 ORGIE 3730	No.		Operator Name		PERMIAN OPERATIN						l Level Elevation
		State $\square$ F	ee 🗌 Tribal 🛚	Federal		Mineral Owner:	State  Fee [	☐ Tribal	I∏ Fed	3,122 eral	2
Burrate		June		rederai	Symfons		State Tee [		<u>K</u> Ted	Citai	
UL	Section	Township	p Range	Lot	Surrace Ft. from N/S	Location  Ft. from E/W	Latitude	Lo	ngitude		County
H	13	24 S	29 E	Lot	2,270' FNL	365' FEL	32.218553		103.93	0680	EDDY
						ole Location					
UL P	Section 24	Township 24 S	P Range 29 E	Lot	Ft. from N/S 50' FSL	Ft. from E/W 339' FEL	Latitude 32.195768		ngitude 103.93	0571	County EDDY
Dedicar 640	ted Acres	Infill or D	efining Well	Definin	g Well API 3001554014	Overlapping Spacing V	Unit (Y/N) C	onsolidat U	tion Code	e	
Order N	Numbers.					Well setbacks are unde	er Common Own	nership: [	X Yes [	☐ No	
					Kick Off	Point (KOP)					
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ngitude		County
Н	13	24 S	29 E		2,270' FNL	365' FEL	32.218553	-	103.93	0680	EDDY
UL	Section	Township	p Range	Lot	Ft. from N/S	Point (FTP) Ft. from E/W	Latitude	Le	ongitude		County
H	13	24 S	29 E	Lot	2,020' FNL	339' FEL	32.219240		103.93	0595	EDDY
	T					Point (LTP)					T
UL P	Section 24	Township 24 S	p Range 29 E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 339' FEL	Latitude 32.195905		ngitude 103.93	0571	County EDDY
Unitize	d Area or Are	a of Uniform	m Interest 105422429	Spacin	g Unit Type 🛚 Horizon	ntal  Vertical	Ground	d Floor E	Elevation	3,118'	1
OPE	RATOR C	ERTIFIC	'ATIONS			SURVEYOR C	CERTIFICAT	TONS			
012											
					e and complete to the either owns a working	I hereby certify tha notes of actual surv	veys made by me	or unde			
					ne proposed bottom hole uant to a contract with	is true and correct  I, TIM C. PAPPAS, NEW	MEXICO PROFESSIO	NAL SURV	EYOR NO.		
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	•		·		anization has received	THAT I AM RESPONSIBLE MEETS THE MINIMUM ST. MEXICO, AND THAT IS TO	ANDARDS FOR SUR RUE AND CORRECT	VEYING IN	NEW ,		EM WEXICO SO
the con	sent of at leas	t one lessee	or owner of a wo	rking inte	rest or unleased mineral	MY KNOWLEDGE AND BE	9 Se	pt 2	024		21209
	ted interval w				ich any part of the well's v pooling form the						
aivisioi						TIM C. PAPPAS REGISTERED PROFESSION STATE OF NEW MEXICO	NAL LAND SURVEYO NO. 21209	 IR	\	PORTO	ON TO
m	anoj Ve	nkate	ih	09/1	1/24					.33	SONAL SURVE
Signatu	re		Γ	ate		Signature and Seal o	of Professional Su	ırveyor			
Man	oj Venka	atesh									
Printed	Name					Certificate Number	Dat	e of Surv	rey		
man	oj.venk	atesh@	exxonmob	il.co	m	TIM C. PAPPAS	21209	7/28/20	023		
Email A	Address										
	Note: No al	lowable wil	l be assigned to t	his comp	letion until all interests	have been consolidated	l or a non-stando	ard unit h	as been	approve	d by the division.

DATE: DRAWN BY: CHECKED BY: FIELD CREW:

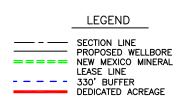
PROJECT NO: SCALE: SHEET: 9-9-2024 LM CH IR REVISION:

2023060333 1 OF 2

NO

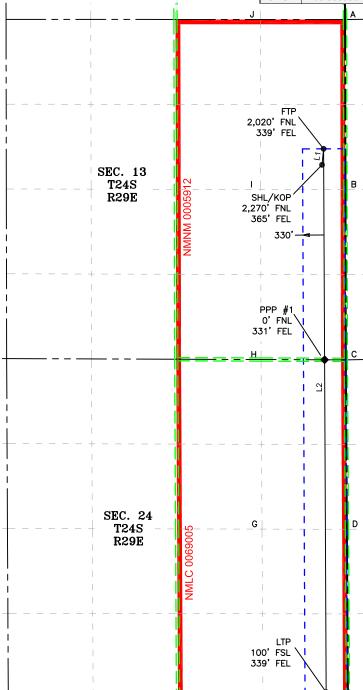
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	LINE TABL	<u>E</u>
LINE	AZIMUTH	LENGTH
L1	05° 48'17"	251.27'
L2	179 44'06"	8,538.71'

			<u>cc</u>	ORDINATE TA	ABLE				
SHL/	KOP (NAD 83	NME)	F	TP (NAD 83 NM	Ξ)	PPP #1 (NAD 83 NME)			
Y =	443,476.7	N	Y =	443,726.7	N	Y =	440,431.1	N	
X =	665,858.6	Е	X =	665,884.1	Е	X =	665,899.3	E	
LAT. =	32.218553	°N	LAT. =	32.219240	°N	LAT. =	32.210180	°N	
LONG. =	103.930680	°W	LONG. =	103.930595	°W	LONG. =	103.930586	°W	
LT	P (NAD 83 NM	IE)	В	BHL (NAD 83 NME)					
Y =	435,238.1	N	Y =	435,188.1	N				
X =	665,923.3	Е	X =	665,923.6	Е				
LAT. =	32.195905	°N	LAT. =	32.195768	°N				
LONG. =	103.930571	°W	LONG. =	103.930571	°W				
SHL/	KOP (NAD 27	NME)	F	TP (NAD 27 NM	<u>=</u> )	PPP #1 (NAD 27 NME)			
Y =	443,417.4	N	Y =	443,667.3	N	Y =	440,371.8	N	
X =	624,675.1	Е	X =	624,700.6	Е	X =	624,715.7	Е	
LAT. =	32.218429	°N	LAT. =	32.219115	°N	LAT. =	32.210056	°N	
LONG. =	103.930191	°W	LONG. =	103.930106	°W	LONG. =	103.930097	°W	
LT	P (NAD 27 NM	IE)	В	HL (NAD 27 NMI	E)				
Y =	435,178.9	N	Y =	435,128.9	N				
X =	624,739.5	Е	X =	624,739.8	Е		•		
LAT. =	32.195781	°N	LAT. =	32.195644	°N		•		
LONG. =	103.930083	°W	LONG. =	103.930083	°W				



A - Y =	445,746.5	Ν	A - X =	666,218.3	Е					
B - Y =	443,088.1	Ν	B - X =	666,224.6	Е					
C - Y =	440,429.8	Ν	C - X =	666,230.7	Е					
D - Y =	437,782.5	Ν	D - X =	666,247.3	Е					
E - Y =	435,137.6	Ν	E - X =	666,262.9	Е					
F - Y =	435,139.5	Ν	F - X =	664,936.2	Е					
G - Y =	437,785.4	Ν	G - X =	664,921.5	Е					
H - Y =	440,434.7	Ν	H - X =	664,906.3	Е					
I - Y =	443,091.0	Ν	I - X =	664,900.3	Е					
J - Y =	445,747.4	Ν	J - X =	664,894.3	Е					
CORNER COORDINATES (NAD27 NME)										
<u>C</u>	<u>ORNER COO</u>	<u>RDII</u>	<u>NATES (1</u>	NAD27 NME)						
A - Y =	<b>ORNER COO</b> 445,687.1	RDII N	A-X=	625,034.9	Е					
					E					
A - Y =	445,687.1	N	A - X =	625,034.9						
A - Y = B - Y =	445,687.1 443,028.8	N N	A - X = B - X =	625,034.9 625,041.0	Е					
A - Y = B - Y = C - Y =	445,687.1 443,028.8 440,370.5	N N N	A - X = B - X = C - X =	625,034.9 625,041.0 625,047.1	E					
A-Y= B-Y= C-Y= D-Y=	445,687.1 443,028.8 440,370.5 437,723.3	N N N	A - X = B - X = C - X = D - X =	625,034.9 625,041.0 625,047.1 625,063.6	E E					
A - Y = B - Y = C - Y = D - Y = E - Y =	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4	N N N N	A - X = B - X = C - X = D - X = E - X =	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1	E E E					
A - Y = B - Y = C - Y = D - Y = E - Y = F - Y =	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4 435,080.4	N N N N	A - X = B - X = C - X = D - X = E - X = F - X =	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1 623,752.4	E E E					
A - Y = B - Y = C - Y = D - Y = E - Y = F - Y = G - Y =	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4 435,080.4 437,726.2	N N N N N	A - X = B - X = C - X = D - X = E - X = F - X = G - X =	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1 623,752.4 623,737.8	E E E E					

**CORNER COORDINATES (NAD83 NME)** 



SEC. 25 T24S R29E

9

BHL 50' FSL 339' FEL

DATE: 9-9-2024 DRAWN BY: LM CHECKED BY: СН FIELD CREW:

IR

PROJECT NO: SCALE: SHEET. REVISION:

2023060333 1" = 1,500' 2 OF 2 NO

State of Now Mexico  Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION  WELL LOCATION INFORMATION  WELL LOCATION INFORMATION  WELL STATE A SAGE WOLFCAMP  PART Norther  PROPRIES SAGE WOLFCAMP  SUPPLY SAGE PART NORTH	C 102											Revised July 9, 2024
Manufact Defending   Manufa	<u>C-102</u>			<b>D</b>	nov. 1			Donoster	ant			•
WELL LOCATION INFORMATION	Submit Electroni	ically		Ene	<b>.</b>			-	ent			Initial Submittal
### WELL LOCATION INFORMATION  ### API Number   POLICOAC   Secure   Policy   Summer   POLICOAC   Secure   Policy   Secu	Via OCD Permit	ting			O	IL CONSERVA	ATION DIVISI	1011			al 🛛	Amended Report
Part										2, pc.		As Drilled
Part			l									
Section   Township   Range   Lot   Fe from NS   Per   Township   Range   Lot   Recent   Well arbacks are under Common Ownership   Yes   No												
ORGID No.   Opening Name   Property   Name   Opening Name   Open		3562						MP				
Surface Owner		e		Property Name	POK	ER LAKE UNIT 13-1	PC					
Surface Location    County				Operator Name	хто	PERMIAN OPERATII	NG, LLC.					
County   C	Surface Owne	er: 🗌 S	tate 🗌 Fe	ee 🗌 Tribal 🗓	Federal		Mineral Owner:	State  Fee	e 🗌 Tribal	X Fede	ral	
Section   Township   Range   13   24   S   29   E   10   PL from NS   Fi. from PNS   2.319 FEL   32.218568   -103.934851   EDDY						Surface	Location					
Dedicated Acres   Infill or Defining Well   Defining Well API   Social Number.   Defining Well API   Social Number.   Defining Well API   Social Number.   Well settled Acres of Numbers.	<b>I</b>			.   -	Lot		'	I		_	851	•
Dedicated Acres   Infill or Defining Well   Defining Well   API   3001554014   Overlapping Spacing Unit (Y/N)   Consolidation Code   U   Well setbacks are under Common Ownership: ☑ Yes ☐ No      Kick Off Point (KOP)					\		1	1	-			<u> </u>
Content Numbers   Well setbacks are under Common Ownership:   Yes   No				'   -	Lot	, , , , , , , , , , , , , , , , , , , ,	1			_	972	
Content Numbers   Well setbacks are under Common Ownership:   Yes   No												
Kick Off Point (KOP)		res		efining Well				Unit (Y/N)		ion Code		
Unitized Area or Area of Uniform Interest NMNM105422429  Unitized Area or Area of Uniform Interest NMNM105422429  Spacing Unit Type \ Horizontal \ Description or surface or sur	Order Numbe	ers.					Well setbacks are und	er Common Ov	wnership: [5	Yes [	] No	
Unitized Area or Area of Uniform Interest NMNM105422429  Unitized Area or Area of Uniform Interest NMNM105422429  Spacing Unit Type \ Horizontal \ Description or surface or sur						Wiels Off	Doint (VOD)					
First Take Point (FTP)  UL Section Township Range Lot Ft. from N/S 2,319 FEL 32,219156 Longitude -103,936998 EDDY  Last Take Point (LTP)  UL Section Township Range Lot Ft. from N/S 100° FSL 2,319 FEL 32,21956 Longitude -103,936998 EDDY  Unitized Area or Area of Uniform Interest NMNMI05422429 Spacing Unit Type \( \text{Image} \) Horizontal \( \text{Vertical} \) Vertical Ground Floor Elevation: 3,102°  OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and helicf, and that this organization either owns a working interest or undecade dimneral interest in the land including the proposed bottom hote location or has a right to drill this well at this location pursuant to a contract will an owner of such a mineral or working interest or a valoumary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of a least on the tesse or owner of a working interest or undecaded mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  O9/11/24  Signature Date  Certificale Number Date of Survey  Time C. PAPPAS 21209	UL Sec	tion	Township	p Range	Lot	T	1	Latitude	Lo	ngitude		County
County   C	G ^	13	24 S	29 E		·	, i	32.21856	- 88	103.934	851	EDDY
Last Take Point (LTP)  UL Section O 24 24 8 29 E Lot Ft. from N/S 100 FSL 2,319 FEL 32.195934 Longitude 2,3195934 Longitude 32.195934 Longitude 2,319 FEL 32.195934 Longitude 32.195934 Longitude 2,319 FEL 32.195934 Longitude 32.195934 Longitude 2,319 FEL 32.195934 Longitude 2,	UL Sec	tion	Township	p Range	Lot		· · · · · ·	Latitude	Lo	ngitude		County
Unitized Area or Area of Uniform Interest NMNMI05422429  OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undested mineral interest in the load including the proposed bottom had coation on working interest, or to a voluntary pooling agreement or a computacy proling order hereinfore centered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unlessed mineral interest in the trace (in the target pool or formation) in which may pear of the well's completed interval will be located or obtained a compulsory pooling form the division.  Section 1. The C. PAPPA and T. P. Specifical Name  Manoj Venkatesh  O9/11/24  Signature Date  Time C. PAPPAS 21209  Time C. PAPPAS 2	G 1	3	24 S	29 E		2,059' FNL	2,319' FEL	32.21915	56 -	103.936	998	EDDY
Unitized Area or Area of Uniform Interest NNNMI05422429  Unitized Area or Area of Uniform Interest NNNMI05422429  Spacing Unit Type \( \text{\text{M}} \) Horizontal \( \text{\text{Vertical}} \) Vertical  OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or melased mineral in the drill this well at this location pursuant to a contract with location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore emered by the division.  If this well is a horizontal well. I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral timerest in each tract (in the target pool or formation) in which any poor of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Op/11/24  Signature  Date  Signature and Seal of Professional Surveyor  Time C. PAPPAS 21209  Time C. PAPPAS 2120	III Sec	tion	Townshir	n Range	Lot		1	Latitude	Lo	ngitude		County
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undeased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a computory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a computsory pooling form the division.  Manoj Venkatesh  Printed Name  Manoj Venkatesh  Email Address  SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  I, TIM C. PAPPAS, NEW MEXICO ON THE GROUND PROFESSIONAL SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND PROFESSIONAL SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND PROFESSIONAL SURVEY PLATA AND THE ACTUAL SURVEY ON THE GROUND PROFESSIONAL		I	-	.   -	Lot	1	The state of the s			_	972	,
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undeased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a computory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a computsory pooling form the division.  Manoj Venkatesh  Printed Name  Manoj Venkatesh  Email Address  SURVEYOR CERTIFICATIONS  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  I, TIM C. PAPPAS, NEW MEXICO ON THE GROUND PROFESSIONAL SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND PROFESSIONAL SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND PROFESSIONAL SURVEY PLATA AND THE ACTUAL SURVEY ON THE GROUND PROFESSIONAL					T							
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Signature  Date  Signature and Seal of Professional Surveyor  Tim C. PAPPAS 21209	Unitized Area	a or Area			Spacin	g Unit Type 🛚 Morizo	ntal  Vertical	Grou	und Floor E	levation:	3,102'	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Signature  Date  Signature and Seal of Professional Surveyor  Tim C. PAPPAS 21209												
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Signature  Date  Signature and Seal of Professional Surveyor  Tim C. PAPPAS 21209	OPERAT	OR CE	ERTIFIC	ATIONS			SURVEYOR C	CERTIFICA	ATIONS			
best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Date  Date  Signature and Seal of Professional Surveyor  TIM C. PAPPAS 21209											Ţ.	
location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Date  Date  Signature and Seal of Professional Surveyor  TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, Do HEREBY CERTIFY THAT THIS SURVEY (PLAT AND THE CALL PROFESSIONAL SURVEY) THAT THE SURVEY (PLAT AND THE CALL PRO	best of my kno	owledge	and belief,	and that this orga	anization	either owns a working	notes of actual sur	veys made by r	me or under			
an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Signature and Seal of Professional Surveyor  TIM C. PAPPAS 21209	location or ha	ıs a right	t to drill thi	is well at this loca	tion purs	uant to a contract with	I, TIM C. PAPPAS, NEW	MEXICO PROFES	SIONAL SURVE	EYOR NO.		
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  Manoj Venkatesh@exxonmobil.com  Email Address  MILLAND SURVEYOR  Signature and Seal of Professional Surveyor  TIM C. PAPPAS 21209  7/28/2023							ACTUAL SURVEY ON THI WERE PERFORMED BY N THAT I AM RESPONSIBLE	E GROUND UPON ME OR UNDER M E FOR THIS SUR'	I WHICH IT IS Y DIRECT SUF VEY, THAT TH	BASED PERVISION; IIS SURVEY	1 W	C. PAPPA
interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Signature  Date  Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  manoj.venkatesh@exxonmobil.com  Email Address  Tim C. PAPPAS 21209  Signature and Seal of Professional Surveyor  TIM C. PAPPAS 21209  TIM C. PAPPAS 21209  TIM C. PAPPAS 21209  TIM C. PAPPAS 21209					_		MEXICO, AND THAT IS T	RUE AND CORRE	CT TO THE B	BEST OF	14	MEXICO \
Manoj Venkatesh  Date  Date  Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  manoj.venkatesh@exxonmobil.com  Email Address  TIM C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209  Signature and Seal of Professional Surveyor  Date of Survey  7/28/2023	interest in eac	ch tract (	in the targe	et pool or formati	on) in wh	ich any part of the well's		<u> </u>	ерт 2	U2#		21209
Manoj Venkatesh  Date  Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  manoj.venkatesh@exxonmobil.com  Email Address  TIM C. PAPPAS 21209  7/28/2023			_	Johnson a Cl		,	REGISTERED PROFESSIO		EYOR	\.	ROK	
Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  Certificate Number  TIM C. PAPPAS 21209  7/28/2023	Manoj	- Ven	kates	h	09/11	/24					- ESS	YONAL SURY
Printed Name    Certificate Number   Date of Survey	•				Date		Signature and Seal of	of Professional	Surveyor			
manoj.venkatesh@exxonmobil.com Email Address  TIM C. PAPPAS 21209 7/28/2023	Manoj Ve	enkat	tesh									
Email Address	Printed Name	;			_		Certificate Number		Date of Surv	ey	_	
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.			tesh@e	exxonmob	il.con	า	TIM C. PAPPAS	3 21209	7/28/20	)23		
	Note	: No alle	owable wil	l be assigned to t	his comp	letion until all interests	have been consolidated	l or a non-stan	dard unit h	as been d	approved	d by the division.

FSC INC

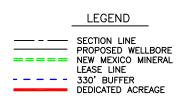
DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-8-2024 LM CH IR PROJECT NO: SCALE: SHEET: 2023060325

REVISION:

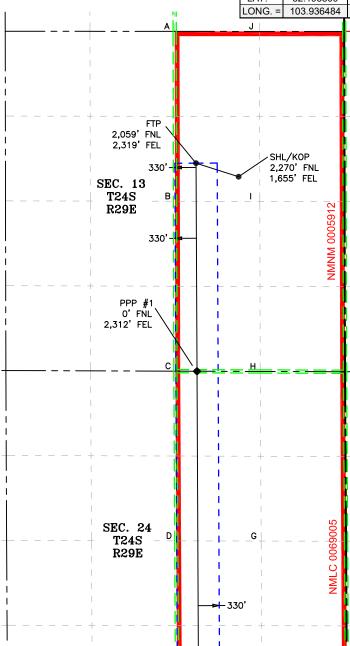
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



	<u>LINE TABLE</u>								
LINE	AZIMUTH	LENGTH							
L1	287° 38'59"	697.32'							
L2	179 44'04"	8,498.08'							

	COORDINATE TABLE										
SHL/	KOP (NAD 83	NME)	FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)					
Y =	443,477.6	N	Y =	443,689.0	N	Y =	440,438.3	N			
X =	664,568.6	Е	X =	663,904.1	Е	X =	663,919.2	Е			
LAT. =	32.218568	°N	LAT. =	32.219156	°N	LAT. =	32.210221	°N			
LONG. =	103.934851	°W	LONG. =	_ONG. = 103.936998 °V		LONG. =	103.936988	°W			
LT	P (NAD 83 NM	IE)	В	HL (NAD 83 NMI	Ξ)						
Y =	435,241.0	N	Y =	435,191.0	N						
X =	663,943.2	E	X =	663,943.5	Е						
LAT. =	32.195934	°N	LAT. =	32.195796	°N						
LONG. =	103.936972	°W	LONG. =	103.936972	°W						
SHL/	KOP (NAD 27	NME)	FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)					
Y =	443,418.2	N	Y =	443,629.6	Ν	Y =	440,379.0	Ν			
X =	623,385.1	Е	X =	622,720.7	Е	X =	622,735.6	Е			
LAT. =	32.218444	°N	LAT. =	32.219032	°N	LAT. =	32.210096	°N			
LONG. =	103.934363	°W	LONG. =	103.936509	°W	LONG. =	103.936499	°W			
LT	P (NAD 27 NN	IE)	В	HL (NAD 27 NM	≣)						
Y =	435,181.8	N	Y =	435,131.8	N						
X =	622,759.5	Е	X =	622,759.8	Е						
LAT. =	32.195809	°N	LAT. =	32.195672	°N						
LONG. =	103.936484	°W	LONG. =	103.936484	°W						



330'

50' FSL 2,319' FEL

9

CORNER COORDINATES (NAD83 NME)											
A - Y =	445,748.2	N	A - X =	663,570.2	Е						
B - Y =	443,093.9	Ν	B - X =	663,576.0	E						
C - Y =	440,439.6	N	C - X =	663,581.8	Е						
D - Y =	437,788.4	N	D - X =	663,595.7	Е						
E - Y =	435,141.5	Ν	E - X =	663,609.5	Е						
F - Y =	435,139.5	N	F - X =	664,936.2	Е						
G - Y =	437,785.4	Ν	G - X =	664,921.5	Е						
H - Y =	440,434.7	Ν	H - X =	664,906.3	Е						
I - Y =	443,091.0	Ν	I - X =	664,900.3	Е						
J - Y =	445,747.4	N	J - X =	664,894.3	Ε						
CORNER COORDINATES (NAD27 NME)											
<u>C</u> (	ORNER COO	RDII	NATES (N	NAD27 NME)							
A - Y =	ORNER COO 445,688.8	<b>RDII</b>	A-X=	622,386.8	E						
					E E						
A - Y =	445,688.8	N	A - X =	622,386.8							
A - Y = B - Y =	445,688.8 443,034.6	N N	A - X = B - X =	622,386.8 622,392.5	E						
A-Y= B-Y= C-Y=	445,688.8 443,034.6 440,380.3	N N N	A - X = B - X = C - X =	622,386.8 622,392.5 622,398.2	E						
A-Y= B-Y= C-Y= D-Y=	445,688.8 443,034.6 440,380.3 437,729.1	N N N	A-X= B-X= C-X= D-X=	622,386.8 622,392.5 622,398.2 622,412.0	E E						
A-Y= B-Y= C-Y= D-Y= E-Y=	445,688.8 443,034.6 440,380.3 437,729.1 435,082.3	N N N N	A-X= B-X= C-X= D-X= E-X=	622,386.8 622,392.5 622,398.2 622,412.0 622,425.8	E E E						
A - Y = B - Y = C - Y = D - Y = E - Y = F - Y =	445,688.8 443,034.6 440,380.3 437,729.1 435,082.3 435,080.4	N N N N N	A-X= B-X= C-X= D-X= E-X= F-X=	622,386.8 622,392.5 622,398.2 622,412.0 622,425.8 623,752.4	E E E E						
A - Y = B - Y = C - Y = D - Y = E - Y = F - Y = G - Y =	445,688.8 443,034.6 440,380.3 437,729.1 435,082.3 435,080.4 437,726.2	N N N N N	A-X= B-X= C-X= D-X= E-X= F-X= G-X=	622,386.8 622,392.5 622,398.2 622,412.0 622,425.8 623,752.4 623,737.8	E E E E						



100' FSL 2,319' FEL

DATE: 9-8-2024
DRAWN BY: LM
CHECKED BY: CH
FIELD CREW: IR

PROJECT NO: SCALE: SHEET: REVISION: 2023060325 1" = 1,500' 2 OF 2 NO

SEC. 25 T24S R29E

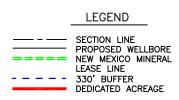
<u>C-10</u>	2		Ene		New Mexico  ural Resources Department				Revised July 9, 2024		
	ectronically Permitting			O	IL CONSERVA	ATION DIVISI	ON		Submit		Initial Submittal
	g								Type:		Amended Report
											As Drilled
					WELL LOCATION	INFORMATION					
API Nu 30-0	mber 15-53554		Pool Code 98220		Pool Nan PURP	<sup>ne</sup> LE SAGE; WOLFCAI	MP				
Propert 3338			Property Name	POK	ER LAKE UNIT 13-1 F	PC .				Well N 127F	
ORGIE 3730			Operator Name	хто	PERMIAN OPERATIN	NG, LLC.				Ground 3,120	1 Level Elevation 0'
Surface	Owner: [ ]	State  F	ee 🗌 Tribal 🛚	Federal		Mineral Owner:	State  Fee	: Tribal	X Fed	leral	
					Surface	Location					
UL H	Section 13	Township 24 S	.   .	Lot	Ft. from N/S 2,270' FNL	Ft. from E/W 455' FEL	Latitude 32.21855		ngitude 103.93	0971	County EDDY
						ole Location					
UL P	Section 24	Township 24 S	.   -	Lot	Ft. from N/S 50' FSL	Ft. from E/W 999' FEL	Latitude 32.19577		ngitude 103.93	2704	County EDDY
Dadie	ted Acres	Infill P	ofining Wall	D.c.	a Wall ADI	Overlanning Service I	Init (V/N)	Consolidat	ion C- 1		
640	led Acres	INFILL	efining Well		g Well API 01554014	Overlapping Spacing U	Jilit (1/N)	U	.1011 C0G	e	
Order N	Numbers.					Well setbacks are unde	er Common Ow	vnership:	Yes	☐ No	
					Kick Off	Point (KOP)					
UL H	Section 13	Township 24 S	.   .	Lot	Ft. from N/S 2,270' FNL	Ft. from E/W 455' FEL	Latitude 32,21855		ngitude 103.93	0971	County EDDY
		240	20 L		·	Point (FTP)					
UL H	Section 13	Township 24 S		Lot	Ft. from N/S 2,020' FNL	Ft. from E/W 999' FEL	Latitude 32.21924		ngitude 103.93	2729	County EDDY
					Last Take	Point (LTP)					
UL P	Section 24	Township 24 S	.   .	Lot	Ft. from N/S 100' FSL	Ft. from E/W 999' FEL	Latitude 32.19591		ngitude 103.93	2705	County EDDY
					1 1111111111111111111111111111111111111						
Unitize	d Area or Are	a of Unifor	m Interest 1105422429	Spacin	g Unit Type X Horizor	ntal  Vertical	Grou	nd Floor E	levation	: 3,120'	1
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR C	ERTIFICA	TIONS			
									.7.*	7 .	1 1 C C . 1 1
best of	my knowledge	and belief,	and that this orga	anization	e and complete to the either owns a working	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same					
location	ı or has a righ	nt to drill th	is well at this loca	tion purs	ne proposed bottom hole want to a contract with	is true and correct t  I, TIM C. PAPPAS, NEW   21209, DO HEREBY CER	MEXICO PROFESS	SIONAL SURV	EYOR NO.		
	v		orking interest, or ing order heretofo			ACTUAL SURVEY ON THE WERE PERFORMED BY M THAT I AM RESPONSIBLE	GROUND UPON E OR UNDER MY	WHICH IT IS DIRECT SU	BASED PERVISION	. / 1	C. PAPP
					anization has received	MEETS THE MINIMUM STA MEXICO, AND THAT IS TO MY KNOWLEDGE AND BEI	ANDARDS FOR SU RUE AND CORREC	JRVEYING IN	NEW	1	EM WEXICO SO
interest	in each tract	(in the targ	et pool or formati	on) in wh	rest or unleased mineral ich any part of the well's	Im	9 Se 	pt 20	224		(21209)
division		u be tocate	а от оргаїней а со	ompuisor	v pooling form the	TIM C. PAPPAS			\	R	
ma	inoj Vel	rkates	h	09/11	1/24	REGISTERED PROFESSION STATE OF NEW MEXICO	NO. 21209	<b>TOR</b>		riss	STONAL SURVEY
Signatu	•			Date		Signature and Seal of	f Professional	Survevor			
	j Venka	tesh				3					
Printed	Name					Certificate Number		ate of Surv	ey		
		itesh@	exxonmob	il.con	n	TIM C. PAPPAS		7/28/20	•		
Email A			- 12					., _ 5, _ 0			
	Note: No al	lowable wil	l be assigned to t	his comp	letion until all interests	have been consolidated	or a non-stand	dard unit h	as been	approve	ed by the division.

DATE: DRAWN BY: CHECKED BY: FIELD CREW:

PROJECT NO: SCALE: SHEET: 9-8-2024 LM CH IR REVISION:

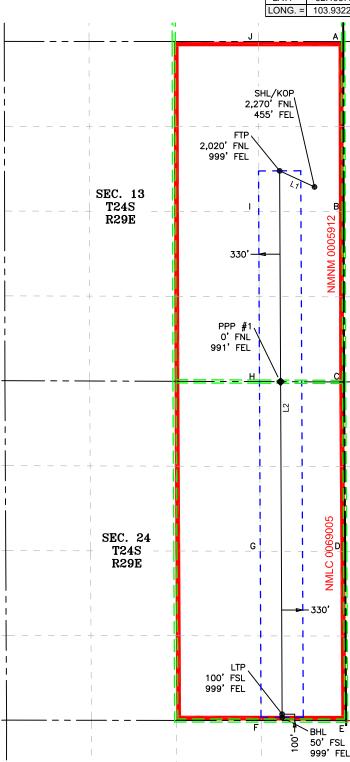
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



<u>LINE TABLE</u>							
LINE	AZIMUTH	LENGTH					
L1	294° 41'18"	599.38'					
L2	179 44'06"	8,538.17'					

	COORDINATE TABLE										
SHL/	KOP (NAD 83	NME)	FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)					
Y =	443,476.8	N	Y =	443,727.1	N	Y =	440,433.5	N			
X =	665,768.6	Е	X =	X = 665,224.1 E		X =	665,239.3	Е			
LAT. =	32.218554	°N	LAT. =	LAT. = 32.219248 °N		LAT. =	32.210194	°N			
LONG. =	103.930971	°W	LONG. = 103.932729 °W I		LONG. =	103.932720	°W				
LT	P (NAD 83 NM	IE)	В	HL (NAD 83 NMI	Ε)						
Y =	435,239.1	N	Y =	435,189.1	N						
X =	665,263.3	Е	X =	665,263.5	Е						
LAT. =	32.195915	°N	LAT. =	32.195777	°N						
LONG. =	103.932705	°W	LONG. =	103.932704	°W						
SHL/	KOP (NAD 27	NME)	FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)					
Y =	443,417.4	N	Y =	443,667.8	N	Y =	440,374.2	N			
X =	624,585.1	E	X =	624,040.6	Е	X =	624,055.7	Е			
LAT. =	32.218430	°N	LAT. =	32.219123	°N	LAT. =	32.210070	°N			
LONG. =	103.930482	°W	LONG. =	103.932240	°W	LONG. =	103.932231	°W			
LT	P (NAD 27 NM	IE)	В	HL (NAD 27 NMI	Ε)						
Y =	435,179.9	N	Y =	435,129.9	N						
X =	624,079.5	Е	X =	624,079.8	Е						
LAT. =	32.195790	°N	LAT. =	32.195653	°N						
LONG. =	103.932217	°W	LONG. =	103.932216	°W						



-	<u>C</u>	ORNER COO	RDII	NATES (N	NAD83 NME)		
	A - Y =	445,746.5	N	A - X =	666,218.3	Е	
	B - Y =	443,088.1	Ν	B - X =	666,224.6	Е	
	C - Y =	440,429.8	N	C - X =	666,230.7	Е	
	D - Y =	437,782.5	N	D - X =	666,247.3	Е	
	E - Y =	435,137.6	N	E - X =	666,262.9	Е	
	F - Y =	435,139.5	N	F - X =	664,936.2	Е	
	G - Y =	437,785.4	N	G - X =	664,921.5	Е	
	H - Y =	440,434.7	N	H - X =	664,906.3	Е	
	I - Y =	443,091.0	N	I - X =	664,900.3	Е	
	J - Y =	445,747.4	N	J - X =	664,894.3	Е	
CORNER COORDINATES (NAD27 NME)							
	A - Y =	445,687.1	N	A - X =	625,034.9	Е	
	B - Y =	443,028.8	N	B - X =	625,041.0	Е	
_	C - Y =	440,370.5	N	C - X =	625,047.1	Е	
	D - Y =	437,723.3	N	D - X =	625,063.6	Е	
	E - Y =	435,078.4	N	E - X =	625,079.1	Е	
	F - Y =	435,080.4	N	F - X =	623,752.4	Е	
	G - Y =	437,726.2	N	G - X =	623,737.8	Е	
_	H - Y =	440,375.4	Ν	H - X =	623,722.7	Е	
	I - Y =	443,031.7	N	I - X =	623,716.8	Е	
	J - Y =	445,687.9	N	J - X =	623,710.9	Е	

FSC INC

SEC. 25 T24S R29E

2821 West 7th Street, Suite 200
Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net
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DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-8-2024 LM CH IR PROJECT NO: 2023060325 SCALE: 1" = 1,500' SHEET: 2 OF 2 REVISION: NO

WELL LOCATION INFORMATION  API Number 30-015-53560 Pool Code 98220 PURPLE SAGE; WOLFCAMP  Property Code 333843 POKER LAKE UNIT 13-1 PC Well 158	County EDDY  County EDDY
Submitt Electronically Via OCD Permitting  WELL LOCATION INFORMATION  API Number 30-015-53560  Property Code 33-3843  Property Name 333843  Property Name 373075  Operator Name API Number 373075  Operator Name API Number 373075  Surface Coven: State Fee Tribal Federal  Surface Location  UL Section H 13 24 S 29 E Lot Ft. from N/S Ft. from E/W Latitude 1NFILL  Dedicated Acres 640  Infill or Defining Well INFILL  Defining Well API Order Numbers.  WELL LOCATION INFORMATION  Well Section I Township P 24 24 S 29 E Lot Ft. from N/S Ft. from E/W Latitude 30-103-930778  Surface Location  UL Section UL Section P 24 24 S 29 E Lot Ft. from N/S Ft. from E/W Latitude 300-1554014  Well setbacks are under Common Ownership: ▼ Yes No  Kick Off Point (KOP)  UL Section Township P 24 S 29 E Lot Ft. from N/S Ft. from E/W 393 Ft. Sacing Unit (Y/N) Consolidation Code UC Growth Section UC Sec	Amended Report  As Drilled  Number BH  and Level Elevation 22'  County EDDY  County EDDY
WELL LOCATION INFORMATION   Submitted   Type:	As Drilled  Number BH  Ind Level Elevation 22'  County EDDY  County EDDY  County EDDY
WELL LOCATION INFORMATION	Number BH  nd Level Elevation 22'  County EDDY  County EDDY
API Number   30-015-53560	County EDDY  County EDDY  County EDDY
Property Name   Property Na	County EDDY  County EDDY  County EDDY
Property Code   333843	County EDDY  County EDDY  County EDDY
Sourface Owner:   State   Fee   Tribal   Federal   Surface Coxeminate	County EDDY  County EDDY  County EDDY
Surface Owner:   State   Fee   Tribal   Federal   Mineral Owner:   State   Fee   Tribal   Federal	County EDDY  County EDDY  County EDDY
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	County EDDY  County  County
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	County EDDY  County  County
H   13	County EDDY  County  County
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	County EDDY
UL P       Section 24       Township 24 S       Range 29 E       Lot 50' FSL       Ft. from E/W 394' FEL       Latitude 32.195769       Longitude -103.930748         Dedicated Acres 640       Infill or Defining Well INFILL       Defining Well API 3001554014       Overlapping Spacing Unit (Y/N) Consolidation Code U         Well setbacks are under Common Ownership: ★ Yes ↑ No         Kick Off Point (KOP)         UL Section H 13       Township 24 S       Range 29 E       Lot 51 Ft. from N/S 2,270' FNL 395' FEL 32.218553       Longitude -103.930777         First Take Point (FTP)         UL Section H 13       Township 24 S       Range 29 E       Lot 51 Ft. from N/S 2,020' FNL 394' FEL 32.219240       Latitude 2.219240       Longitude -103.930773         Last Take Point (LTP)	EDDY
Dedicated Acres 640 Infill or Defining Well NFILL Section H 13 24 S 29 E	County
Order Numbers.   Well setbacks are under Common Ownership:   Yes   No	County
Company   Comp	County
UL H         Section 13         Township 24 S         Range 29 E         Lot 29 E         Ft. from N/S 2,270' FNL         Ft. from E/W 395' FEL         Latitude 32.218553         Longitude -103.930777           First Take Point (FTP)           UL H         Section 13         Township 24 S         Range 29 E         Lot 2,020' FNL         Ft. from E/W 394' FEL         Latitude 32.219240         Longitude -103.930773           Last Take Point (LTP)	
UL H         Section 13         Township 24 S         Range 29 E         Lot 2,270' FNL         Ft. from E/W 395' FEL         Latitude 32.218553         Longitude -103.930777           First Take Point (FTP)           UL H         Section 13         Township 24 S         Range 29 E         Lot 2,020' FNL         Ft. from E/W 394' FEL         Latitude 32.219240         Longitude -103.930773           Last Take Point (LTP)	
First Take Point (FTP)    UL	EDDA
UL Section H 13 24 S 29 E Lot Ft. from N/S Ft. from E/W 394' FEL Lot Section H 13 24 S 29 E Lot Section Last Take Point (LTP)	
Last Take Point (LTP)	County EDDY
	LODI
	County
P 24 24 S 29 E 100' FSL 394' FEL 32.195906 -103.930749	EDDY
Unitized Area or Area of Uniform Interest NMNM105422429  Spacing Unit Type \( \mathbb{T} \) Horizontal \( \mathbb{D} \) Vertical  Ground Floor Elevation: 3,12:	
NMNM105422429 1 2 31 2 3 3 12 3 3 12 3 3 12 3 3 1 2 3 3 3 1 2	
OPERATOR CERTIFICATIONS SURVEYOR CERTIFICATIONS	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working  I hereby certify that the well location shown on this plat was notes of actual surveys made by me or under my supervision	
is true and correct to the best of my belief.  location or has a right to drill this well at this location pursuant to a contract with  I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO.	.,
an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  21209. DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION:	C. PAPA
If this well is a horizontal well. I further certify that this organization has received.  MEXIST THE MINIMUM STANDARDS FOR SURVEY, THAT THIS SURVEY  MEXICO. AND THAT IS TRUE AND CORRECT TO THE BEST OF	EM WEXICON
the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's	21209
completed internal will be legated on obtained a compulsory poeling form the	\&
IIM C. PAPPAS PENSTEDEN BOSESSIONAL LAND SUBVEYOR	SS/ONAL SURVET
Signature Date Signature and Seal of Professional Surveyor	
Manoj Venkatesh	
Printed Name Certificate Number Date of Survey	
manoj.venkatesh@exxonmobil.com Email Address  TIM C. PAPPAS 21209 7/28/2023	
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approv	ved by the division.

FSC INC

2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBP15 Firm 10193887
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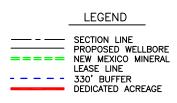
DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-9-2024 LM CH IR NO: 2023060332

PROJECT NO: SCALE: SHEET: REVISION:

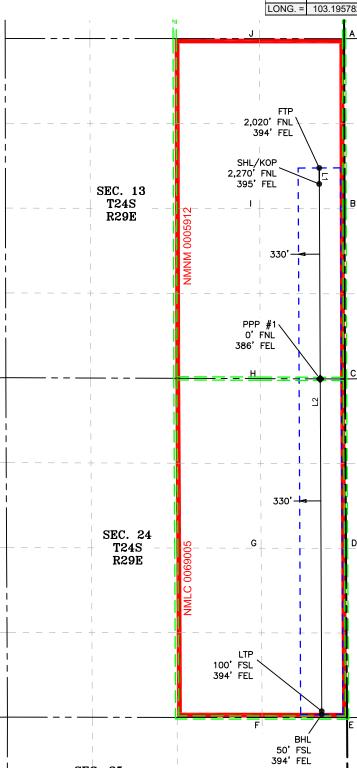
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



	LINE TABL	<u>E</u>
LINE	AZIMUTH	LENGTH
L1	00° 05'41"	250.00'
L2	179 44'06"	8,538.66'

	COORDINATE TABLE											
SHL/	KOP (NAD 83	NME)	F	FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)					
Y =	443,476.8	N	Y =	443,726.8	N	Y =	440,431.3	N				
X =	665,828.6	Е	X =	665,829.1	Е	X =	665,844.2	Е				
LAT. =	32.218553	°N	LAT. =	32.219240	°N	LAT. =	32.210181	°N				
LONG. =	103.930777	°W	LONG. =	103.930773	°W	LONG. =	103.930764	°W				
LT	P (NAD 83 NN	IE)	В	HL (NAD 83 NMI	Ε)							
Y =	435,238.2	N	Y =	435,188.2	N							
X =	665,868.1	Е	X =	665,868.6	Е							
LAT. =	32.195906	°N	LAT. =	32.195769	°N							
LONG. =	103.930749	°W	LONG. =	103.930748	°W							
SHL/	KOP (NAD 27	NME)	F	TP (NAD 27 NME	≣)	PPP #1 (NAD 27 NME)						
Y =	443,417.4	N	Y =	443,667.4	N	Y =	440,372.0	N				
X =	624,645.1	Е	X =	624,645.6	Е	X =	624,660.6	Е				
LAT. =	32.218429	°N	LAT. =	32.219116	°N	LAT. =	32.210057	°N				
LONG. =	103.930288	°W	LONG. =	103.930284	°W	LONG. =	103.930275	°W				
LT	P (NAD 27 NN	IE)	В	HL (NAD 27 NM	Ē)							
Y =	435,179.0	N	Y =	435,129.0	N							
X =	624,684.3	Е	X =	624,684.8	Е							
LAT. =	32.195782	°N	LAT. =	32.195644	°N							
LONG. =	103.195782	°W	LONG. =	103.930261	°W							



	A - Y =	445,746.5	Ν	A - X =	666,218.3	Е		
	B - Y =	443,088.1	Ν	B - X =	666,224.6	Е		
	C - Y =	440,429.8	Ν	C - X =	666,230.7	Е		
	D - Y =	437,782.5	N	D - X =	666,247.3	Е		
-	E - Y =	435,137.6	Ν	E - X =	666,262.9	Е		
	F - Y =	435,139.5	Ν	F - X =	664,936.2	Е		
	G - Y =	437,785.4	Ν	G - X =	664,921.5	Ш		
	H - Y =	440,434.7	Ν	H - X =	664,906.3	Е		
3	I - Y =	443,091.0	Ν	I - X =	664,900.3	Е		
-	J - Y =	445,747.4	Ν	J - X =	664,894.3	Е		
	C	ORNER COO	<b>RDI</b>	NATES (N	NAD27 NME)			
	A - Y =	445,687.1	N	A - X =	625,034.9	Е		
	B - Y =	443,028.8	Ν	B - X =	625,041.0	Е		
	C - Y =	440,370.5	Ν	C - X =	625,047.1	Е		
_	D - Y =	437,723.3	Ν	D - X =	625,063.6	Е		
	E - Y =	435,078.4	Ν	E - X =	625,079.1	Е		
	F - Y =	435,080.4	Ν	F - X =	623,752.4	Е		
	G - Y =	437,726.2	Ν	G - X =	623,737.8	Е		
<u>c</u>	H - Y =	440,375.4	Ν	H - X =	623,722.7	Е		
_	I - Y =	443,031.7	Ν	I - X =	623,716.8	Е		
		115 007 0	NI	I V -	622 740 0	Г		
	J - Y =	445,687.9	N	J - X =	623,710.9	Е		

**CORNER COORDINATES (NAD83 NME)** 



SEC. 25 T24S \_R29E\_

2821 West 7th Street, Suite 200
Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
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DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-9-2024 PROJECT NO:
LM SCALE:
CH SHEET:
IR REVISION:

2023060332 1" = 1,500' 2 OF 2 NO

C 102											Revised July 9, 2024
<u>C-102</u>	<u>'</u>		Г			ew Mexico					•
Submit Elect	tronically		Ene	<b>.</b>		ıral Resources I ATION DIVISIO	•	ent			Initial Submittal
Via OCD Pe	ermitting			U	IL CONSERVA	ATION DIVISION	JIN		Submitta	al 🖂	Amended Report
									Type:		As Drilled
					WELL LOCATION	INFORMATION					
API Numi 30-015	ber 5-54013		Pool Code 98220		Pool Nan PURP	ne LE SAGE; WOLFCAN	ИΡ				
Property (	Code		Property Name	POK	ER LAKE UNIT 13-1 F					Well N	
ORGID N 37307	lo.		Operator Name	хто	PERMIAN OPERATIN	NG, LLC.				Ground	Level Elevation
Surface O	Owner: S	State  F	ee 🗌 Tribal 🛚	Federal		Mineral Owner:	State  F	ee 🗌 Triba	l X Fede	ral	
					Surface	Location					
UL G	Section 13	Township 24 S	Range 29 E	Lot	Ft. from N/S 2,270' FNL	Ft. from E/W 1,625' FEL	Latitude 32.2185		ongitude -103.934	754	County EDDY
					Bottom He	ole Location	1				
UL O	Section 24	Township 24 S	Range 29 E	Lot	Ft. from N/S 50' FSL	Ft. from E/W 2,154' FEL	Latitude 32.1957		ongitude -103.936	438	County EDDY
		240	25 L		30 F3L	2,134 FEL	32.1337	34	-100.550		LDD1
Dedicated	l Acres	Infill or De	efining Well		g Well API 3001554014	Overlapping Spacing U	nit (Y/N)	Consolida	tion Code		
Order Nu	mbers.					Well setbacks are under	r Common C	     Dwnership:	X Yes □	] No	
					W. 1. O.C.	D. L. (WOD)					
UL	Section	Township	Range	Lot	Ft. from N/S	Point (KOP)  Ft. from E/W	Latitude	1.0	ongitude		County
Ğ	13	24 S	29 E	Lot	2,270' FNL	1,625' FEL	32.2185		-103.934	754	EDDY
	~ .					Point (FTP)					
G UL	Section 13	Township 24 S	Range 29 E	Lot	Ft. from N/S 2,059' FNL	Ft. from E/W 2,154' FEL	Latitude 32.2191		ongitude -103.936	464	County EDDY
					Last Take	Point (LTP)					
O UL	Section 24	Township 24 S	Range 29 E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 2,154' FEL	Latitude 32.1959		ongitude -103.936	439	County EDDY
		I						I			
Unitized A	Area or Are		n Interest 105422429	Spacin	g Unit Type 閵 Horizoi	ntal  Vertical	Gro	ound Floor E	Elevation:	3,106'	
OPER A	ATOR CI	ERTIFIC	ATIONS			SURVEYOR CI	ERTIFIC.	ATIONS			
					e and complete to the	I hereby certify that					
					either owns a working ne proposed bottom hole	notes of actual surve is true and correct to	o the best of	my belief.		rvision,	and that the same
			s well at this loca orking interest, or	•	uant to a contract with entary pooling	I, TIM C. PAPPAS, NEW M 21209, DO HEREBY CERT ACTUAL SURVEY ON THE	TIFY THAT THIS GROUND UPO	SURVEY PLAT N WHICH IT IS	T AND THE S BASED		C. PAPA
	•				d by the division.	WERE PERFORMED BY ME THAT I AM RESPONSIBLE MEETS THE MINIMUM STAI	FOR THIS SU	RVEY, THAT TH SURVEYING IN	HIS SURVEY NEW		W WEXTO
the conser	nt of at leasi	one lessee	or owner of a wo	rking inte	anization has received rest or unleased mineral	MEXICO, AND THAT IS TRI MY KNOWLEDGE AND BEL	UE AND CORR JEF. 9 S	ent 2	024	4	10
					ich any part of the well's v pooling form the	M	_ ່	07.2			21209
division.						TIM C. PAPPAS REGISTERED PROFESSIONA		/EYOR	/-	By.	
Man	oj Ven	ikates	h	09/11	/24	STATE OF NEW MEXICO N	vo. 21209			155	NONAL SURVETO
Signature				Date		Signature and Seal of	Professiona	1 Surveyor			
Manoi	Venka	tesh									
Printed Na						Certificate Number		Date of Surv	/ey		
manoi	i.venka	tesh@@	exxonmob	il.con	1	TIM C. PAPPAS		7/28/20	•		
Email Ad			2			-		5, _ 1			
Ν	Note: No all	owable wil	l be assigned to i	his comp	letion until all interests	have been consolidated o	or a non-sta	ndard unit l	has been a	approve	d by the division.

FSC INC

2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
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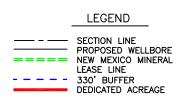
DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-7-2024 LM CH IR 2023060326 1 OF 2

PROJECT NO: SCALE: SHEET: REVISION: NO

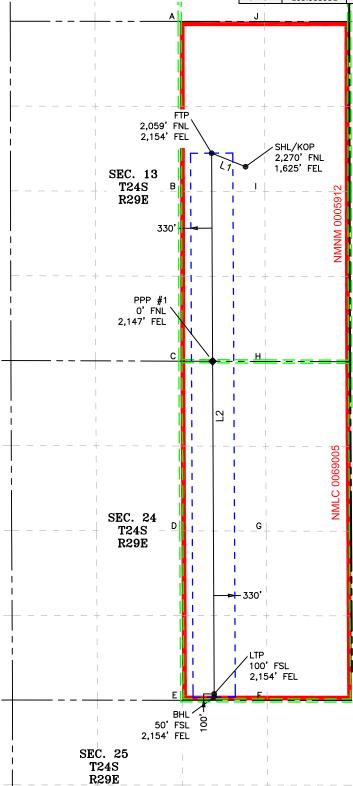
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



<u>LINE TABLE</u>								
LINE	AZIMUTH	LENGTH						
L1	291° 45'31"	570.12'						
L2	179 44'04"	8,498.21'						

	COORDINATE TABLE										
SHL/	KOP (NAD 83	NME)	F	TP (NAD 83 NME	<u> </u>	PPP #1 (NAD 83 NME)					
Y =	443,477.5	N	Y =	443,688.9	N	Y =	440,437.7	N			
X =	664,598.6	Е	X =	664,069.1	Е	X =	664,084.2	Е			
LAT. =	32.218568	°N	LAT. =	LAT. = 32.219154		LAT. =	32.210217	°N			
LONG. =	103.934754	°W	LONG. =	103.936464	°W	LONG. =	103.936454	°W			
LT	P (NAD 83 NM	IE)	В	HL (NAD 83 NMI	Ξ)						
Y =	435,240.8	Ν	Y =	435,190.8	N						
X =	664,108.2	E	X =	664,108.5	E						
LAT. =	32.195931	°N	LAT. = 32.195794		°N						
LONG. =	103.936439	°W	LONG. =	103.936438	°W						
SHL/	KOP (NAD 27	NME)	F	TP (NAD 27 NME	Ξ)	PPP #1 (NAD 27 NME)					
Y =	443,418.2	N	Y =	443,629.5	N	Y =	440,378.4	N			
X =	623,415.1	E	X =	622,885.7	Е	X =	622,900.6	E			
LAT. =	32.218444	°N	LAT. =	32.219030	°N	LAT. =	32.210093	°N			
LONG. =	103.934266	°W	LONG. =	103.935975	°W	LONG. =	103.935966	°W			
LT	P (NAD 27 NM	IE)	В	HL (NAD 27 NMI	Ξ)						
Y =	435,181.6	Ν	Y =	435,131.6	Ν						
X =	622,924.5	Е	X =	622,924.8	E						
LAT. =	32.195807	°N	LAT. =	32.195669	°N						
LONG. =	103.935951	°W	LONG. =	103.935950	°W						



C	ORNER COO	RDII	NATES (N	NAD83 NME)	
A - Y =	445,748.2	N	A - X =	663,570.2	Е
B - Y =	443,093.9	N	B - X =	663,576.0	Е
C - Y =	440,439.6	N	C - X =	663,581.8	Е
D - Y =	437,788.4	N	D - X =	663,595.7	Е
E - Y =	435,141.5	N	E - X =	663,609.5	Е
F - Y =	435,139.5	N	F - X =	664,936.2	Е
G - Y =	437,785.4	N	G - X =	664,921.5	Е
H - Y =	440,434.7	N	H - X =	664,906.3	Е
I - Y =	443,091.0	N	I - X =	664,900.3	Е
J - Y =	445,747.4	N	J - X =	664,894.3	Е
C	ORNER COO	RDII	NATES (1	NAD27 NME)	
A - Y =	445,688.8	N	A - X =	622,386.8	Е
B - Y =	443,034.6	N	B - X =	622,392.5	Е
C - Y =	440,380.3	N	C - X =	622,398.2	Е
D - Y =	437,729.1	N	D - X =	622,412.0	Е
E - Y =	435,082.3	N	E - X =	622,425.8	Е
F - Y =	435,080.4	N	F - X =	623,752.4	Е
G - Y =	437,726.2	N	G - X =	623,737.8	Е
H - Y =	440,375.4	N	H - X =	623,722.7	Е
I - Y =	443,031.7	N	I - X =	623,716.8	Е
J - Y =	445,687.9	N	J - X =	623,710.9	Е



2821 West 7th Street, Suite 200
Fort Worth, TX 76107
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DATE: 9-7-2024 PROJECT NO: DRAWN BY: LM SCALE: CHECKED BY: CH SHEET: FIELD CREW: IR REVISION:

ECT NO: 2023060326 E: 1" = 1,500' T: 2 OF 2 SION: NO

<u>C-10</u>	2		Ene	ray N		Jew Mexico  Jean Resources Department			Revised July 9, 2024		
Submit El	ectronically		Life			ATION DIVISI	•			☐ Initial Submittal	
Via OCD	Permitting			O	IL CONSERVA	ATION DIVISI	OIV	Subi Type	nittal	Amended Report	
								1,75		As Drilled	
				,	WELL LOCATION	INFORMATION					
API Nu 30-0	mber 15-54014		Pool Code 98220		Pool Nar PURF	<sub>ne</sub> PLE SAGE; WOLFCAI	MP				
Propert	y Code		Property Name	DOK	ER LAKE UNIT 13-1					l Number	
3338 ORGID			Operator Name							und Level Elevation	
3730			- F	XIOI	PERMIAN OPERATI	NG, LLC.				106'	
Surface	Owner:	State   F	ee 🗌 Tribal 🛚	Federal		Mineral Owner:	State Fee To	ribal 🛚 F	ederal		
		_			Surface	Location					
UL G	Section 13	Townshi 24 S	.   -	Lot	Ft. from N/S 2,270' FNL	Ft. from E/W 1,535' FEL	Latitude 32.218567	Longitud	le 934463	County EDDY	
						ole Location	02.2.000.				
UL	Section	Townshi		Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitud		County	
Р	24	24 S	29 E		50' FSL	1,274' FEL	32.195781	-103.9	933593	EDDY	
Dedicat	ted Acres	Infill or D	efining Well	Definin	g Well API	Overlapping Spacing U	Unit (Y/N) Conso	lidation Co	ode		
640		DEFIN	ING			Y	U				
Order N	lumbers.					Well setbacks are unde	er Common Ownershi	p: X Yes	s 🗌 No	0	
					Kick Off	Point (KOP)					
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitud		County	
G	13	24 S	29 E		2,270' FNL	1,535' FEL	32.218567	-103.9	34463	EDDY	
UL	Section	Townshi	p Range	Lot	First Take	Point (FTP)  Ft. from E/W	Latitude	Longitud	le	County	
Н	13	24 S			2,059' FNL	1,274' FEL	32.219144	_	933619	,	
		T		Ι.		Point (LTP)	T				
UL P	Section 24	Townshi 24 S	.   -	Lot	Ft. from N/S 100' FSL	Ft. from E/W 1,274' FEL	Latitude 32.195919				
							-				
Unitize	d Area or Are		m Interest 105422429	Spacin	g Unit Type 🗴 Horizo	ntal  Vertical	Ground Flo	or Elevation	on: 3,10	06'	
OPEI	RATOR C	ERTIFIC	CATIONS			SURVEYOR C	ERTIFICATION	NS			
I hereb	v certify that i	the informat	ion contained her	ein is true	e and complete to the	I hereby certify that	the well location sh	own on th	is plat w	vas plotted from field	
best of	my knowledge	and belief,	and that this orgo	anization	either owns a working ne proposed bottom hole		eys made by me or u to the best of my belic		upervisi	ion, and that the same	
location	ı or has a rigi	ht to drill th		ition purs	uant to a contract with	I, TIM C. PAPPAS, NEW 21209, DO HEREBY CER ACTUAL SURVEY ON THE	TIFY THAT THIS SURVEY	PLAT AND	THE	C PAD	
			ing order heretof			WERE PERFORMED BY M THAT I AM RESPONSIBLE MEETS THE MINIMUM STA	E OR UNDER MY DIRECT FOR THIS SURVEY, THA	T SUPERVISI T THIS SUR	ON;	W MFK TO	
					anization has received rest or unleased mineral	MEXICO, AND THAT IS TO MY KNOWLEDGE AND BEI	RUE AND CORRECT TO T			SEM MEXICO SO	
interest	in each tract	(in the targ	et pool or formati	on) in wh	ich any part of the well's pooling form the	- I A	_ 9 Ѕерт	2021	† (	(21209)	
division				· · · · · · · · · · · ·	<i>T</i>	TIM C. PAPPAS REGISTERED PROFESSION	IAL LAND SURVEYOR	-	PRO	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
ma	noj Vei	botes	h	09/11	/24	STATE OF NEW MEXICO	NO. 21209		1	SS/ONAL SURVE	
Signatu				Date		Signature and Seal of	F Professional Summer				
	<sup>re</sup> oj Venka	itach	I	aic		Signature and Seal Of	i i totessionai Survey	OI			
						-					
Printed		40-L-C	a.v.	:I ==:	_	Certificate Number	Date of S				
mano Email A		aresu@	exxonmob	it.con	1	TIM C. PAPPAS	21209 7/28	8/2023			
Z.maii F		lowable wii	ll be assigned to	his comp	letion until all interests	have been consolidated	or a non-standard w	nit has bei	en appr	oved by the division	
	2.2.00				www.com				TP	y	

FSCINC SURVEYORS+ENGINEERS

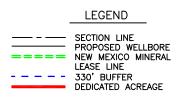
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DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-8-2024 PROJECT NO:
 LM SCALE:
 CH SHEET:
 IR REVISION:

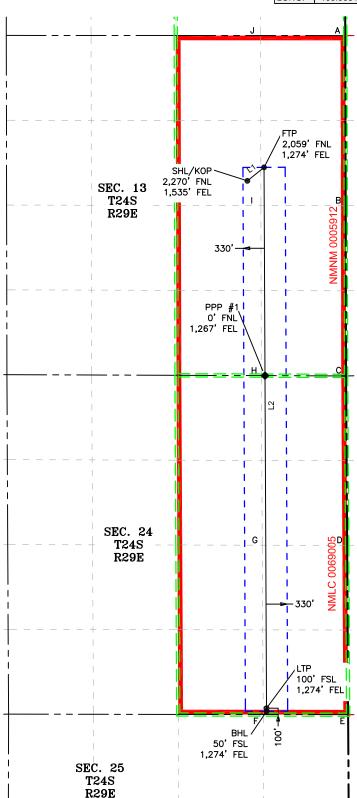
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



<u>LINE TABLE</u>								
LINE	AZIMUTH	LENGTH						
L1	51° 00'58"	335.13'						
L2	179 44'04"	8,498.94'						

	COORDINATE TABLE											
SHL/	KOP (NAD 83	NME)	F	TP (NAD 83 NME	≣)	PPP #1 (NAD 83 NME)						
Y =	443,477.5	N	Y =	443,688.3	N	Y =	440,434.5	N				
X =	664,688.6	Е	X =	664,949.1	Е	X =	664,964.2	E				
LAT. =	32.218567	°N	LAT. =	LAT. = 32.219144 °N		LAT. =	32.210199	°N				
LONG. =	103.934463	°W	LONG. = 103.933619 °W L		LONG. =	103.933609	°W					
LT	P (NAD 83 NN	IE)	В	HL (NAD 83 NMI	E)							
Y =	435,239.5	N	Y =	435,189.5	N							
X =	664,988.2	Е	X =	664,988.5	Е							
LAT. =	32.195919	°N	LAT. =	32.195781	°N							
LONG. =	103.933594	°W	LONG. =	103.933593	°W							
SHL/	KOP (NAD 27	NME)	F	TP (NAD 27 NME	Ē)	PPP #1 (NAD 27 NME)						
Y =	443,418.1	N	Y =	443,628.9	N	Y =	440,375.2	N				
X =	623,505.1	Е	X =	623,765.7	Е	X =	623,780.6	E				
LAT. =	32.218443	°N	LAT. =	32.219020	°N	LAT. =	32.210075	°N				
LONG. =	103.933975	°W	LONG. =	103.933130	°W	LONG. =	103.933120	°W				
LT	P (NAD 27 NN	IE)	В	HL (NAD 27 NMI	Ē)							
Y =	435,180.3	N	Y =	435,130.3	N		•					
X =	623,804.5	Е	X =	623,804.8	Е							
LAT. =	32.195794	°N	LAT. =	32.195657	°N							
LONG. =	103.933106	°W	LONG. =	103.933105	°W		•					



C	ORNER COO	RDII	NATES (N	NAD83 NME)				
A - Y =	445,746.5	N	A - X =	666,218.3	Е			
B - Y =	443,088.1	N	B - X =	666,224.6	Е			
C - Y =	440,429.8	N	C - X =	666,230.7	Е			
D - Y =	437,782.5	N	D - X =	666,247.3	Е			
E - Y =	435,137.6	N	E - X =	666,262.9	Е			
F - Y =	435,139.5	N	F - X =	664,936.2	Е			
G - Y =	437,785.4	N	G - X =	664,921.5	Е			
H - Y =	440,434.7	N	H - X =	664,906.3	Е			
I - Y =	443,091.0	N	I - X =	664,900.3	Е			
J - Y =	445,747.4	N	J - X =	664,894.3	Е			
CORNER COORDINATES (NAD27 NME)								
<u>C</u>	ORNER COO	RDII	NATES (N	NAD27 NME)				
A - Y =	ORNER COO 445,687.1	<b>RDII</b>	NATES (N A - X =	625,034.9	E			
				1	E			
A - Y =	445,687.1	N	A - X =	625,034.9				
A - Y = B - Y =	445,687.1 443,028.8	N N	A - X = B - X =	625,034.9 625,041.0	E			
A - Y = B - Y = C - Y =	445,687.1 443,028.8 440,370.5	N N N	A - X = B - X = C - X =	625,034.9 625,041.0 625,047.1	E			
A - Y = B - Y = C - Y = D - Y =	445,687.1 443,028.8 440,370.5 437,723.3	N N N	A - X = B - X = C - X = D - X =	625,034.9 625,041.0 625,047.1 625,063.6	E E			
A-Y= B-Y= C-Y= D-Y= E-Y=	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4	N N N N	A-X= B-X= C-X= D-X= E-X=	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1	E E E			
A-Y= B-Y= C-Y= D-Y= E-Y= F-Y=	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4 435,080.4	N N N N N	A - X = B - X = C - X = D - X = E - X = F - X =	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1 623,752.4	E E E E			
A-Y= B-Y= C-Y= D-Y= E-Y= F-Y= G-Y=	445,687.1 443,028.8 440,370.5 437,723.3 435,078.4 435,080.4 437,726.2	N N N N N	A - X = B - X = C - X = D - X = E - X = F - X = G - X =	625,034.9 625,041.0 625,047.1 625,063.6 625,079.1 623,752.4 623,737.8	E E E E			

ING SURVEYORS+ENGINEERS DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-8-2024 LM СН IR PROJECT NO: 2023060329 SCALE: SHEET. REVISION:

1" = 1,500' 2 OF 2 NO

<u>C-10</u>	<u>12</u>		En	oray N		Jew Mexico  Jean Resources Department			Revised July 9, 2024		
Submit El	ectronically		Ell			ATION DIVISI	•			I	nitial Submittal
Via OCD	Permitting			O	IL CONSERVA	ATION DIVISI	ON		Submittal		Amended Report
									Type:	-	As Drilled
										<u> </u>	is Difficu
					WELL LOCATION	INFORMATION					
API Nu 30-0	mber 15-54359		Pool Code 98220		Pool Nar PURP	ne LE SAGE; WOLFCA	MP				
Propert			Property Name	POKE	ER LAKE UNIT 13-24	·			V	Well Nu	mber
ORGIE	No.		Operator Name	<u> </u>	PERMIAN OPERATII						Level Elevation
Surface	Owner:	State  F	ee □ Tribal 🛚		Mineral Owner:	State Fee 7	Tribal [				
					Surface	Location					
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Long	gitude		County
G	13	24 S	29 E		2,459' FNL	2,160' FEL	32.218054	-10	03.9364	185	EDDY
UL	Section	Townshi	p Range	Lot	Bottom H Ft. from N/S	ole Location  Ft. from E/W	Latitude	Lone	gitude		County
J	1	24 S	.   -	Lot	2,367' FSL	1,986' FEL	32.245895	,	03.9359	955	EDDY
	<u> </u>				1						
Dedicar	ted Acres	Infill or D	efining Well		g Well API 01554015	Overlapping Spacing U	Jnit (Y/N) Cons	olidatio	on Code		
	Jumbers.	1141 122				Well setbacks are unde		hin: 🔽	Ves 🗆	No	
Older I	vuinoers.					Wen setoucks are under	or common owners.	p. 🔼	res _	110	
					Kick Off	Point (KOP)					
UL G	Section 13	Townshi 24 S	.   .	Lot	Ft. from N/S 2,459' FNL	Ft. from E/W 2,160' FEL	Latitude 32.218054		gitude 03.9364	185	County EDDY
	1				First Take	Point (FTP)					
UL G	Section 13	Townshi 24 S		Lot	Ft. from N/S 1,959' FNL	Ft. from E/W 1,986' FEL	Latitude 32.219427	-	gitude 03.9359	920	County EDDY
					Last Take	Point (LTP)					
UL	Section	Townshi	.   -	Lot	Ft. from N/S	Ft. from E/W	Latitude	Latitude Longitude County 32.245758 -103.935954 EDDY			
J	1	24 S	29 E		2,317' FSL	1,986' FEL	32.245756	-10	03.9358	954	EDDY
Unitize	d Area or Are	ea of Unifor	m Interest	Spacin	g Unit Type 🛛 Horizo	ntal  Vertical	Ground Fl	loor Ele	vation:	0.0041	
		NMNM	[105422429						3	3,094'	
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR C	ERTIFICATIO	NS			
					e and complete to the	I hereby certify that notes of actual surv					
interest	or unleased	mineral inte	rest in the land i	ncluding th	either owns a working ne proposed bottom hole	is true and correct i	to the best of my bel	lief.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	and met me same
an own	er of such a n	iineral or w	orking interest, o	or to a volu		I, TIM C. PAPPAS, NEW 21209, DO HEREBY CER ACTUAL SURVEY ON THE	RTIFY THAT THIS SURVE GROUND UPON WHICH	Y PLAT A	AND THE BASED		C. PAPA
	·	* *			d by the division.	WERE PERFORMED BY M THAT I AM RESPONSIBLE MEETS THE MINIMUM STA MEXICO, AND THAT IS TR	FOR THIS SURVEY, TH ANDARDS FOR SURVEYIN	HAT THIS NG IN NE	SURVEY / EW	1) k	N MEXICO
the con	sent of at leas	t one lessee	or owner of a w	orking inte	anization has received rest or unleased mineral	MY KNÓWLEDGE AND BE		200	211		
comple	ted interval w				ich any part of the well's v pooling form the	Su	4 30pi	202	24		21209
divisio	1.					TIM C. PAPPAS REGISTERED PROFESSION STATE OF NEW MEXICO	NAL LAND SURVEYOR	_	1	0,0	0
Ma	noj Ver	rkates	h	09/11	/24	STATE OF NEW MEXICO	NO. 21205			(33)	ONAL SURVEY
Signatu	re			Date		Signature and Seal or	f Professional Surve	yor			
Mano	j Venka	tesh									
Printed	Name					Certificate Number	Date of	f Survey	y		
mano	j.venka	tesh@e	exxonmob	il.com	1	TIM C. PAPPAS	21209   10	/18/20:	23		
Email A	Address					-					
	Note: No al	lowable wii	ll be assigned to	this comp	letion until all interests	have been consolidated	or a non-standard	unit has	s been ap	pproved	by the division.

FSCINC BURVEYORS+ENGINEERS

2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
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DATE: DRAWN BY: CHECKED BY: FIELD CREW:

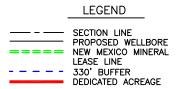
PROJECT NO: SCALE: SHEET: 9-3-2024 LM CH IR REVISION:

1 OF 2 NO

2023060311

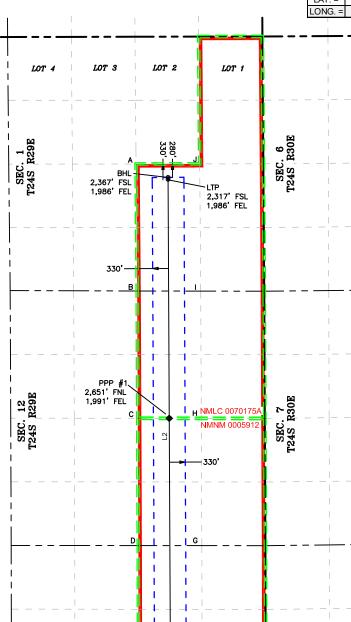
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



<u>LINE TABLE</u>								
LINE	AZIMUTH	LENGTH						
L1	19 02'34"	529.05'						
L2	359' 43'29''	9,628.70'						

			CC	ORDINATE TA	BLE				
SHL/	KOP (NAD 83	NME)	F"	ΓΡ (NAD 83 NMI	Ξ)	PPP #1 (NAD 83 NME)			
Y =	443,288.7	N	Y =	443,788.8	N	Y=	448,399.1	N	
X =	664,064.3	Е	X =	664,236.9	Е	X =	664,214.8	Е	
LAT. =	32.218054	°N	LAT. =	32.219427	°N	LAT. =	32.232101	°N	
LONG. =	103.936485	°W	LONG. =	103.935920	°W	LONG. =	103.935937	°W	
LT	P (NAD 83 NM	IE)	В	HL (NAD 83 NM	E)				
Y =	453,367.4	N	Y =	453,417.4	N				
X =	664,191.0	Е	X =	664,190.6	Е				
LAT. =	32.245758	°N	LAT. =	32.245895	°N				
LONG. =	103.935954	°W	LONG. =	103.935955	°W				
SHL/	KOP (NAD 27	NME)	F	TP (NAD 27 NM)	Ξ)	PP	P #1 (NAD 27 NI	ИE)	
Y =	443,229.3	N	Y =	443,729.4	N	Y=	448,339.6	Ν	
X =	622,880.8	Е	X =	623,053.4	Е	X =	623,031.5	Е	
LAT. =	32.217930	°N	LAT. =	32.219303	°N	LAT. =	32.231976	°N	
LONG. =	103.935996	°W	LONG. =	103.935431	°W	LONG. =	103.935447	°W	
LT	P (NAD 27 NM	IE)	В	HL (NAD 27 NM	E)				
Y =	453,307.7	N	Y =	453,357.7	N				
X =	623,007.8	Е	X =	623,007.5	Е				
LAT. =	32.245634	°N	LAT. =	32.245771	°N				
LONG. =	103.935464	°W	LONG. =	103.935465	°W				



CC	RNER COOF	RDII	NATES (I	NAD83 NME)	
A - Y =	453,696.5	N	A - X =	663,524.5	Е
B - Y =	451,051.0	Ν	B - X =	663,547.9	Ε
C - Y =	448,399.9	N	C - X =	663,559.1	Ε
D - Y =	445,748.2	Ν	D - X =	663,570.2	Е
E - Y =	443,093.9	Ν	E - X =	663,576.0	Е
F-Y=	443,091.0	Ν	F - X =	664,900.3	Ε
G-Y=	445,747.4	Ν	G-X=	664,894.3	Ε
H-Y=	448,398.4	Ν	H - X =	664,882.2	Е
I-Y=	451,048.8	Ν	I - X =	664,870.9	Ε
J - Y =	453,698.2	Ν	J - X =	664,849.6	Ε
CC	RNER COO	RDI	NATES (I	NAD27 NME)	
A - Y =	453,636.9	Ν	A - X =	622,341.4	Ε
B - Y =	450,991.4	Ν	B - X =	622,364.7	Е
C - Y =	448,340.4	Ν	C - X =	622,375.8	Ε
D - Y =	445,688.8	Ν	D - X =	622,386.8	Ε
E-Y=	443,034.6	Ν	E - X =	622,392.5	Ε
F - Y =	443,031.7	N	F - X =	623,716.8	Е
G-Y=	445,687.9	N	G-X=	623,710.9	Ε
H - Y =	448,338.9	N	H - X =	623,698.9	Е
I - Y =	450,989.3	N	I - X =	623,687.7	Е
J - Y =	453,638.6	N	J - X =	623,666.4	Е

SEC 1	LOT	ACREA	GE TABLE
LOT	1 -	39.94	ACRES
LOT	2 -	39.83	ACRES
LOT	3 -	39.72	ACRES
LOT	4 -	39.61	ACRES



. 13 R29E

SEC. 12 T24S R29E

1,959' FNL 1,986' FEL

> DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-3-2024 PROJECT NO:
LM SCALE:
CH SHEET:
IR REVISION:

2023060311 1" = 2,000' 2 OF 2 NO

<u>C-10</u>	02		Ene	erav N	State of N Minerals & Natu	ew Mexico	nent	Revised July 9, 2024			
Submit El	ectronically			••	IL CONSERVA		•	iciii			Initial Submittal
Via OCD	Permitting			O	IL CONSERVA	ATION DIVIS	OION		Submitt	tal 🖂	Amended Report
									Type:		As Drilled
					WELL LOCATION	INFORMATION	J				
API Nu 30-0	mber 15-53558		Pool Code 98220		Pool Nam PURP	ne LE SAGE; WOLFC.	AMP				
Propert			Property Name	POK	ER LAKE UNIT 13-24	PC				Well N	
ORGIE 3730	No.		Operator Name	XTO	PERMIAN OPERATII	NG, LLC.					d Level Elevation
Surface	Owner:	State  F	∟ Tee □ Tribal 🛣	Federal		Mineral Owner:	State F	ee 🗌 Tribal	l X Fed	eral	
					Surface	Location					
UL	Section	Townshi	.   .	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude		County
Н	13	24 S	29 E		2,420' FNL	1,026' FEL	32.2181	148 -	-103.932	2818	EDDY
UL	Section	Townshi	p Range	Lot	Bottom He	ole Location  Ft. from E/W	Latitude	Le	ongitude		County
OL	1	24 S	.	1	280' FNL	666' FEL	32.2531		-103.93	1717	EDDY
							'	<u> </u>			
Dedica 719.	ted Acres 94	Infill or D	efining Well		ng Well API 001554015	Overlapping Spacing Y	g Unit (Y/N)	Consolidat U	tion Code	<b>:</b>	
Order 1	Numbers.					Well setbacks are un	der Common (	Dwnership: [	X Yes [	] No	
Kick Off Point (KOP)											
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	La	ongitude		County
Н	13	24 S	.		2,420' FNL	1,026' FEL	32.2181		-103.932	2818	EDDY
				1 -		Point (FTP)	1	1_			
UL H	Section 13	Townshi	.   -	Lot	Ft. from N/S 1,920' FNL	Ft. from E/W 666' FEL	Latitude 32.2195		-		County
					Last Take	Point (LTP)					
UL	Section 1	Townshi	.   .	Lot 1	Ft. from N/S 330' FNL	Ft. from E/W 666' FEL	Latitude 32,2530		ongitude -103.93	1717	County EDDY
	<u> </u>				333 1112	300 1 22					
Unitize	d Area or A	rea of Uniform	m Interest NM105422429	Spacin	ng Unit Type χ Horizon	ntal  Vertical	Gre	ound Floor E	Elevation:	3 114	1
		INIVI	NW103422429							0,111	
OPE	RATOR (	CERTIFIC	CATIONS			SURVEYOR	CERTIFIC	ATIONS			
					e and complete to the						plotted from field
					either owns a working he proposed bottom hole	is true and correc			r my supe	ervision	, and that the same
		*	is well at this locd orking interest, o	•	uant to a contract with untary pooling	I, TIM C. PAPPAS, NEV 21209, DO HEREBY C ACTUAL SURVEY ON T	ERTIFY THAT THIS	S SURVEY PLAT	T AND THE	: /	C PAD
agreem	ent or a com	pulsory pool	ing order heretofe	ore entere	ed by the division.	WERE PERFORMED BY THAT I AM RESPONSIB MEETS THE MINIMUM S	ME OR UNDER BLE FOR THIS SU	MY DIRECT SUITEVEY, THAT TH	PERVISION;		W MEY
					ganization has received erest or unleased mineral	MEXICO, AND THAT IS MY KNOWLEDGE AND E	TRUE AND CORF			/ *	EM WEXICO O
interesi	in each trac	t (in the targ	et pool or formati	ion) in wh	nich any part of the well's y pooling form the	In	4 Se 	pt 20:	24		(21209)
divisio				7.		TIM C. PAPPAS REGISTERED PROFESSI	ONAL LAND SURV	VEYOR	/.	PRO	
Ma	inoj Ve	Inkates	h	09/1	1/24	STATE OF NEW MEXICO	O NO. 21209			15	SONAL SURVEY
Signatu				Date		Signature and Seal	of Professiona	al Surveyor			
Mano	j Venk	atesh									
Printed					Certificate Number	r -	Date of Surv	/ey			
	ni venk	atesh@	exxonmob	il.cor	n	TIM C. PAPPA		7/28/20	•		
mano	J . VCIIN			1		.,_0,20					
	Address					-					
	Address	ıllowable wil	'l be assigned to t	this comp	letion until all interests	have been consolidate	ed or a non-sta	undard unit h	has been	approve	ed by the division.

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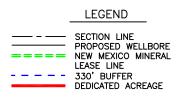
DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: SCALE: SHEET: 2023060322

REVISION:

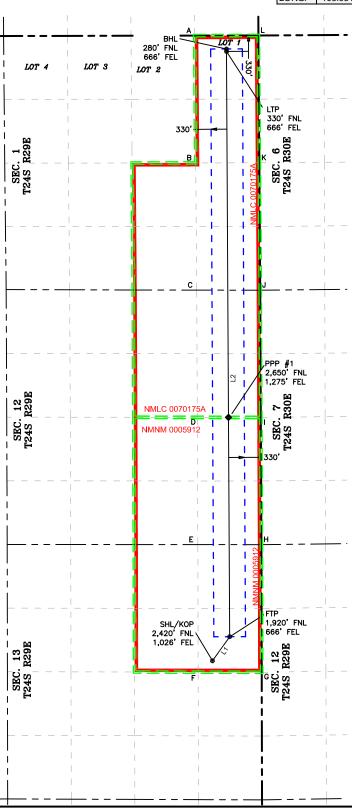
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



<u>LINE TABLE</u>									
LINE	AZIMUTH	LENGTH							
L1	35° 40'40"	615.25'							
L2	359' 41'29''	12,244.69'							

<u>COORDINATE TABLE</u>										
SHL/	OP (NAD 83	NME)	F	TP (NAD 83 NM)	E)	PPP #1 (NAD 83 NME)				
Y =	443,327.2	Ν	Y =	443,826.9	N	Y =	448,397.6	N		
X =	665,198.0	Е	X =	665,556.8	Е	X =	665,532.2	E		
LAT. =	32.218148	°N	LAT. =	32.219519	°N	LAT. =	32.232083	°N		
LONG. =	103.932818	°W	LONG. =	103.931652	°W	LONG. =	103.931676	°W		
LT	P (NAD 83 NN	1E)	ВІ	HL (NAD 83 NM	E)					
Y =	456,021.4	Ν	Y =	456,071.4	N					
X =	665,491.2	Е	X =	665,490.8 E						
LAT. =	32.253040	°N	LAT. =	32.253177	°N					
LONG. =	103.931717	°W	LONG. =	103.931717	°W					
SHL/k	OP (NAD 27	NME)	F	TP (NAD 27 NM)	E)	PPP #1 (NAD 27 NME)				
Y =	443,267.8	Ν	Y =	443,767.6	N	Y =	448,338.1	N		
X =	624,014.5	Е	X =	624,373.3	Е	X =	624,348.9	E		
LAT. =	32.218024	°N	LAT. =	32.219394	°N	LAT. =	32.231957	°N		
LONG. =	103.932329	°W	LONG. =	103.931163	°W	LONG. =	103.931187	°W		
LT	P (NAD 27 NN	IE)	ВІ	HL (NAD 27 NM	E)					
Y =	455,961.8	N	Y =	456,011.8	N					
X =	624,308.1	Е	X =	624,307.8	Е					
LAT. =	32.252916	°N	LAT. =	32.253053	°N		•			
LONG. =	103.931226	°W	LONG. =	103.931227	°W					



CC	CORNER COORDINATES (NAD83 NME)									
A - Y =	456,350.0	N	A - X =	664,827.9	Е					
B - Y =	453,698.2	N	B - X =	664,849.6	Е					
C - Y =	451,048.8	N	C - X =	664,870.9	Е					
D - Y =	448,398.4	N	D - X =	664,882.2	Е					
E-Y=	445,747.4	N	E - X =	664,894.3	Е					
F-Y=	443,091.0	N	F - X =	664,900.3	Е					
G-Y=	443,088.1	N	G-X=	666,224.6	Е					
H-Y=	445,746.5	N	H-X=	666,218.3	Е					
I-Y=	448,396.9	N	I-X=	666,205.3	Е					
J - Y =	451,046.7	Ν	J - X =	666,193.9	Е					
K-Y=	453,699.9	Ν	K - X =	666,174.6	Е					
L - Y =	456,352.9	Ν	L - X =	666,154.8	Е					
CC	RNER COO	RDII	NATES (I	NAD27 NME)						
A - Y =	456,293.2	N	A - X =	624,971.7	Е					
B-Y=	453,640.3	Ν	B - X =	624,991.5	Е					
C - Y =	450,987.1	N	C - X =	625,010.6	Е					
D - Y =	448,337.4	N	D - X =	625,022.0	Е					
E-Y=	445,687.1	N	E-X=	625,034.9	Е					
F-Y=	443,028.8	N	F - X =	625,041.0	Е					
G-Y=	443,028.8	N	G-X=	625,041.0	Е					
H-Y=	445,687.1	N	H-X=	625,034.9	Е					
I-Y=	448,337.4	N	I-X=	625,022.0	Е					
J-Y=	450,987.1	N	J - X =	625,010.6	Е					
K - Y =	453,640.3	N	K - X =	624,991.5	Е					

SEC 1	LC	<u>T(</u>	ACREA	GE	TABLE
LOT	1	_	39.94	AC	RES
LOT	2	_	39.83	AC	RES
LOT	3	_	39.72	AC	RES
LOT	4	-	39.61	AC	RES



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Fort Worth, TX 76107
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DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: SCALE: SHEET: REVISION:

2023060322 1" = 2,000' 2 OF 2 NO

<u>C-10</u>	2		En	erav N		New Mexico ural Resources	Department		Revised July 9, 2024		
Submit El	ectronically			<b></b>		arai Resources ATION DIVIS	-			☐ Initial Submittal	
Via OCD	Permitting			O	IL CONSLIC	ATION DIVIS	1011		ıbmittal /pe:	Amended Report	
								,	, pc.	As Drilled	
					WELL LOCATIO	N INFORMATION					
API Nu 30-0	mber 15-53557		Pool Code 98220		Pool Na PURI	<sup>me</sup> PLE SAGE; WOLFC <i>A</i>	AMP				
Propert	y Code		Property Nam	e POKI	ER LAKE UNIT 13-2	·				ell Number	
3338 ORGIE			Operator Nam	<u> </u>						ound Level Elevation	
3730			- r	XIO	PERMIAN OPERAT	ING, LLC.			- 1	,093'	
Surface	Owner:	State   F	ee 🗌 Tribal 🗓	Federal		Mineral Owner:	State Fee T	ribal X	Federal		
					Surfac	e Location					
UL G	Section 13	Townshi	.   .	Lot	Ft. from N/S 2.459' FNL	Ft. from E/W 2,280' FEL	Latitude 32.218056	Longit	ude 3.93687	County 3 EDDY	
					,	lole Location	02.2.0000			9	
UL	Section	Townshi	.   -	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longit		County	
J	1	24 S	29 E		2,368' FSL	1,656' FEL	32.245893	-103	3.93488	7 EDDY	
Dedica	ted Acres	Infill or D	efining Well	Definin	g Well API	Overlapping Spacing	Unit (Y/N) Consc	olidation	Code		
719.	94	INFILL			3001554015	Y	U				
Order N	Numbers.					Well setbacks are und	ler Common Ownersh	iip: 🛛 Y	es 🗌 N	No	
	Kick Off Point (KOP)										
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longit		County	
G	13	24 S	29 E		2,459' FNL	2,280' FEL	32.218056	-103	3.936873	B EDDY	
UL	Section	Townshi	p Range	Lot	First Tak	Point (FTP) Ft. from E/W	Latitude	Longit	ude	County	
G	13	24 S			1,959' FNL	1,656' FEL	32.219423	_	-103.934853 EDDY		
		T				Point (LTP)		Latitude Longitude County			
UL J	Section 1	Townshi 24 S	.   .	Lot	Ft. from N/S 2,318' FSL	Ft. from E/W 1,656' FEL	Latitude 32.245755		ude 3.93488	County 7 EDDY	
		1				1					
Unitize	d Area or Are		m Interest 105422429	Spacin	g Unit Type 🗵 Horizo	ontal  Vertical	Ground Flo	oor Eleva	ition: 3,0	093'	
		111111111	100 122 123								
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR CERTIFICATIONS					
I hereb	v certify that i	the informat	tion contained h	erein is tru	e and complete to the	I hereby certify the	at the well location sh	hown on	this plat	was plotted from field	
best of	my knowledge	e and belief,	and that this or	ganization	either owns a working he proposed bottom hole		veys made by me or i to the best of my beli		supervi	sion, and that the same	
location	ı or has a rigi	ht to drill th		cation purs	uant to a contract with	I, TIM C. PAPPAS, NEW 21209, DO HEREBY CE	MEXICO PROFESSIONAL RTIFY THAT THIS SURVEY IE GROUND UPON WHICH	PLAT AND	D THE	C PAS	
					d by the division.	WERE PERFORMED BY I	ME OR UNDER MY DIRECT E FOR THIS SURVEY, TH TANDARDS FOR SURVEYIN	T SUPERV AT THIS S	ISION; URVEY	W WEY, 75	
				-	anization has received rest or unleased minera	MEXICO, AND THAT IS 1	TRUE AND CORRECT TO 1			TEM WEXICO SO	
interest	in each tract	(in the targ	et pool or forma	tion) in wh	ich any part of the well' y pooling form the		4 Sept 2	2024	+	(21209)	
division					,	TIM C. PAPPAS REGISTERED PROFESSIO	ONAL LAND SURVEYOR	_	PRO	00/	
ma	noj Ve	nkates	h	09/1	1/24	STATE OF NEW MEXICO	NO. 21209			FSS/ONAL SURVEY	
Signatu				Date		Signature and Seal	of Professional Survey	vor			
	i oj Venka	itesh				2-5-mare and boar		,			
					Contificate N.	D	Current				
Printed		stock@	ovvone s	2	Certificate Number	Date of	•				
Email A		atesii@	exxonmo	טונ.כטר	<u> </u>	TIM C. PAPPAS	o∠1∠∪ <del>9</del>   7/2	8/2023			
	Note: No al	lowable wii	ll be assigned to	this comp	letion until all interests	have been consolidated	d or a non-standard u	ınit has l	peen appi	roved by the division.	
			_	,					- •		

FSCINC BURVEYORS+ENGINEERS

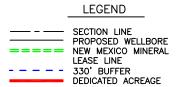
2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBP15 Firm 10193887
www.fscinc.net
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DATE: DRAWN BY: CHECKED BY: FIELD CREW:

PROJECT NO: SCALE: SHEET: 9-3-2024 LM CH IR REVISION:

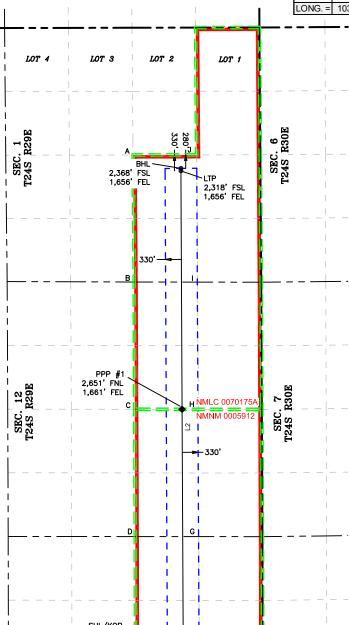
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



<u>LINE TABLE</u>									
LINE	AZIMUTH	LENGTH							
L1	51° 15'55"	798.45'							
L2	359' 43'29"	9,629.33'							

	COORDINATE TABLE										
SHL/I	OP (NAD 83	NME)	F	TP (NAD 83 NM	E)	PPP #1 (NAD 83 NME)					
Y =	443,289.0	N	Y =	443,788.6	N	Y =	448,398.8	N			
X =	663,944.1	Е	X =	664,566.9	Е	X =	664,544.8	Е			
LAT. =	32.218056	°N	LAT. =	32.219423	°N	LAT. =	32.232096	°N			
LONG. =	103.936873	°W	LONG. =	103.934853	°W	LONG. =	103.934869	°W			
LT	P (NAD 83 NN	IE)	ВІ	HL (NAD 83 NM	E)						
Y =	453,367.8	N	Y =	453,417.8	N						
X =	664,521.0	Е	X =	664,520.6	Е						
LAT. =	32.245755	°N	LAT. =	32.245893	°N						
LONG. =	103.934887	°W	LONG. =	103.934887	°W						
SHL/I	KOP (NAD 27	NME)	F	FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)				
Y =	443,229.6	Ν	Y =	443,729.2	N	Y =	448,339.3	N			
X =	622,760.6	Е	X =	623,383.4	Е	X =	623,361.5	Е			
LAT. =	32.217932	°N	LAT. =	32.219299	°N	LAT. =	32.231972	°N			
LONG. =	103.936384	°W	LONG. =	103.934364	°W	LONG. =	103.934380	°W			
LT	P (NAD 27 NN	IE)	BI	HL (NAD 27 NM	E)						
Y =	453,308.2	N	Y =	453,358.2	N						
X =	623,337.8	E	X =	623,337.5	E		•				
LAT. =	32.245631	°N	LAT. =	32.245769	°N						
LONG. =	103.934397	°W	LONG. =	103.934397	°W		·				



CC	CORNER COORDINATES (NAD83 NME)										
A - Y =	453,696.5	Ν	A - X =	663,524.5	Ε						
B - Y =	451,051.0	N	B - X =	663,547.9	Е						
C - Y =	448,399.9	N	C - X =	663,559.1	Е						
D - Y =	445,748.2	Ν	D - X =	663,570.2	П						
E-Y=	443,093.9	N	E - X =	663,576.0	Ε						
F-Y=	443,091.0	N	F - X =	664,900.3	Ε						
G-Y=	445,747.4	Ν	G-X=	664,894.3	Ε						
H-Y=	448,398.4	Ν	H - X =	664,882.2	Ε						
I-Y=	451,048.8	Ν	I-X=	664,870.9	Ε						
J-Y=	453,698.2	Ν	J - X =	664,849.6	Ε						
CC	CORNER COORDINATES (NAD27 NME)										
A - Y =	453,636.9	N	A - X =	622,341.4	Ε						
B - Y =	450,991.4	Ν	B - X =	622,364.7	Ε						
C - Y =	448,340.4	Ν	C - X =	622,375.8	Ε						
D - Y =	445,688.8	Ν	D - X =	622,386.8	Ε						
E-Y=	443,034.6	Ν	E - X =	622,392.5	Ε						
F-Y=	443,031.7	Ν	F - X =	623,716.8	Е						
G-Y=	445,687.9	N	G-X=	623,710.9	Ε						
H-Y=	448,338.9	N	H - X =	623,698.9	Е						
I-Y=	450,989.3	N	I - X =	623,687.7	Ε						
J-Y=	453,638.6	Ν	J - X =	623,666.4	П						

SEC 1	LOT	ACREA	GE TABLE
LOT	1 -	39.94	ACRES
LOT	2 -	39.83	ACRES
LOT	3 -	39.72	ACRES
LOT	4 -	39.61	ACRES



. 13 R29E

2821 West 7th Street, Suite 200
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SEC. 12 T24S R29E

DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-3-2024 LM СН IR PROJECT NO: 2023060312 SCALE: SHEET.

REVISION:

1" = 2,000' 2 OF 2 NO

<u>C-10</u>	<u>)2</u>		Ene	ergy, N	State of N Minerals & Natu	ew Mexico	ent	Revised July 9, 2024			
	lectronically			<b>-</b>	IL CONSERVA		*				Initial Submittal
Via OCD	Permitting								Submit Type:	tal 🛛	Amended Report
											As Drilled
					WELL LOCATION	INFORMATION				·	
API Nu	ımber 115-53556		Pool Code 98220		Pool Nan	ne LE SAGE; WOLFC	7Wb				
Propert	ty Code		Property Name	DOK!	ER LAKE UNIT 13-24	<u> </u>				Well N	
3338 ORGII			Operator Name		PERMIAN OPERATIN					118F Ground	l Level Elevation
3730					FERWIAN OF ERATII	,				3,113	3'
Surface	e Owner:	State  F	ee Tribal X	Federal		Mineral Owner:	State Fee	Tribal	I X Fed	leral	
	l a .:	T	В	T .		Location	1.0.1				
UL H	Section 13	Townshi 24 S	.   -	Lot	Ft. from N/S 2,420' FNL	Ft. from E/W 966' FEL	Latitude 32.21814		ngitude 103.93	2624	County EDDY
					Bottom He	ole Location					
UL	Section 1	Townshi 24 S	.   -	Lot 1	Ft. from N/S 280' FNL	Ft. from E/W 336' FEL	Latitude 32.25317		ngitude 103.93	0650	County EDDY
Dedica 719.	ted Acres 94	Infill or D	efining Well		g Well API 001554015	Overlapping Spacing Y	Unit (Y/N)	Consolidat U	tion Code	e	
Order 1	Numbers.					Well setbacks are und	ler Common Ow	vnership: [	▼ Yes [	☐ No	
					Wish Off	Daire (MOD)					
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Point (KOP)  Ft. from E/W	Latitude	Lo	ngitude		County
Н	13	24 S	.   .		2,420' FNL	966' FEL	32.21814		103.93	2624	EDDY
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Point (FTP) Ft. from E/W	Latitude	Lo	ongitude		County
H	13	24 S		Lot	1,920' FNL	336' FEL	32.21951		103.93	0585	EDDY
						Point (LTP)					
UL	Section 1	Townshi 24 S	.   -	Lot 1	Ft. from N/S 330' FNL	Ft. from E/W 336' FEL	Latitude 32.25303	Latitude Longitude County 32.253039 -103.930649 EDDY			County EDDY
Unitize	d Area or Ar	ea of Unifor NMN1	m Interest M105422429	Spacin	g Unit Type 🗵 Horizoi	ntal  Vertical	Grou	nd Floor E	Elevation	3,113'	ı
							•				
OPE.	RATOR C	ERTIFIC	CATIONS			SURVEYOR CERTIFICATIONS					
					e and complete to the	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same					
interesi	or unleased	mineral inte	rest in the land in	cluding th	either owns a working ne proposed bottom hole	is true and correct	to the best of n	ıy belief.		er vision,	, and that the same
an own	er of such a r	nineral or w	orking interest, or	· to a volu		I, TIM C. PAPPAS, NEW 21209, DO HEREBY CE ACTUAL SURVEY ON TH WERE PERFORMED BY	RTIFY THAT THIS S IE GROUND UPON	SURVEY PLAT WHICH IT IS	T AND THE BASED		C. PAPA
			ing order heretofo		•	THAT I AM RESPONSIBL MEETS THE MINIMUM S' MEXICO, AND THAT IS	E FOR THIS SURV TANDARDS FOR SU	'EY, THAT TH IRVEYING IN	IIS SURVE NEW	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	EM WEXICO S
the con	sent of at lea.	st one lessee	or owner of a wo	rking inte	anization has received rest or unleased mineral	MY KNÓWLEDGE AND B		+ 20.	24	( *	
comple	ted interval w				ich any part of the well's v pooling form the	1	- T 30P	1 20.	27		21209
divisio	п.					TIM C. PAPPAS REGISTERED PROFESSIO STATE OF NEW MEXICO	DNAL LAND SURVEY	/OR	\	POR	
Ma	noj Ve	nkates	h	09/11	/24					-,33	STONAL SURVEY
Signatu	ıre		П	Date		Signature and Seal	of Professional S	Surveyor			
Mano	oj Venka	atesh									
Printed	Name					Certificate Number	Di	ate of Surv	rey		
mane	oj.venka	atesh@	exxonmob	il.con	n	TIM C. PAPPAS	3 21209	7/28/20	023		
	Address										
	Note: No a	llowable wi	ll be assigned to t	his comp	letion until all interests	have been consolidated	d or a non-stand	dard unit h	as been	approve	d by the division.

2023060324

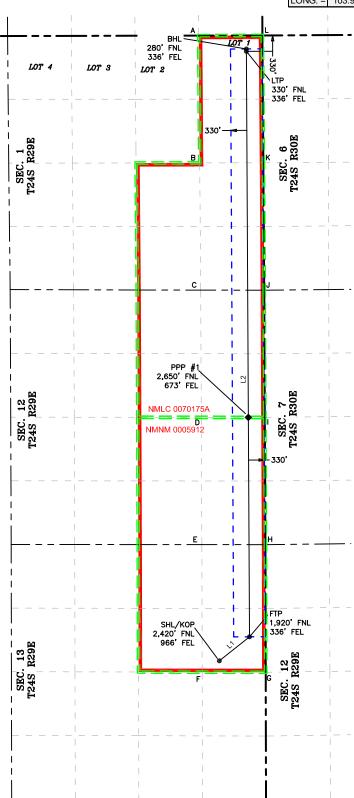
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LINE TABLE					
LINE	AZIMUTH	LENGTH			
L1	51° 32'00"	803.13'			
L2	359' 41'29"	12,245.62'			

COORDINATE TABLE								
SHL/KOP (NAD 83 NME)		FTP (NAD 83 NME)		PPP #1 (NAD 83 NME)				
Y =	443,327.1	N	Y =	443,826.7	N	Y =	448,397.3	N
X =	665,258.0	Е	X =	665,886.8	Е	X =	665,862.2	Е
LAT. =	32.218148	°N	LAT. =	32.219515	°N	LAT. =	32.232079	°N
LONG. =	103.932624	°W	LONG. =	103.930585	°W	LONG. =	103.930609	°W
LT	LTP (NAD 83 NME) BHL (NAD 83 NME)							
Y =	456,022.2	N	Y =	456,072.2	N			
X =	665,821.2	Е	X =	665,820.9	Е			
LAT. =	32.253039	°N	LAT. =	32.253176	°N			
LONG. =	103.930649	°W	LONG. =	103.930650	°W			
SHL/KOP (NAD 27 NME)			FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)		
Y =	443,267.8	N	Y = 443,767.3 N		Y =	448,337.8	N	
X =	624,074.5	Е	X =	624,703.3	Е	X =	624,678.9	E
LAT. =	32.218023	°N	LAT. =	32.219390	°N	LAT. =	32.231954	°N
LONG. =	103.932135	°W	LONG. =	103.930096	°W	LONG. =	103.930120	°W
LTP (NAD 27 NME) BHL (NAD 27 NME)								
Y =	455,962.5	Ν	Y =	456,012.5	Ν			
X =	624,638.1	Е	X =	624,637.8	Е			
LAT. =	32.252914	°N	LAT. =	32.253052	°N		•	
LONG. =	103.930159	°W	LONG. =	103.930159	°W		•	



CORNER COORDINATES (NAD83 NME)								
A - Y =	456,350.0	N	A - X =	664,827.9	Е			
B - Y =	453,698.2	N	B - X =	664,849.6	Е			
C - Y =	451,048.8	Ν	C - X =	664,870.9	Е			
D - Y =	448,398.4	N	D - X =	664,882.2	Е			
E-Y=	445,747.4	Ν	E - X =	664,894.3	Е			
F-Y=	443,091.0	Ν	F - X =	664,900.3	Е			
G - Y =	443,088.1	Ν	G-X=	666,224.6	Е			
H-Y=	445,746.5	Ν	H - X =	666,218.3	Е			
I-Y=	448,396.9	Ν	I-X=	666,205.3	Е			
J-Y=	451,046.7	Ν	J - X =	666,193.9	Е			
K - Y =	453,699.9	Ν	K - X =	666,174.6	Е			
L - Y =	456,352.9	Ν	L - X =	666,154.8	Е			
CC	CORNER COORDINATES (NAD27 NME)							
A - Y =	456,293.2	Ν	A - X =	624,971.7	Е			
B - Y =	453,640.3	Ν	B - X =	624,991.5	Е			
C - Y =	450,987.1	Ν	C - X =	625,010.6	Е			
D - Y =	448,337.4	Ν	D - X =	625,022.0	Е			
E-Y=	445,687.1	Ν	E-X=	625,034.9	Е			
F-Y=	443,028.8	Ν	F - X =	625,041.0	Е			
G-Y=	443,028.8	Ν	G - X =	625,041.0	Е			
H-Y=	445,687.1	N	H-X=	625,034.9	Е			
I-Y=	448,337.4	N	I-X=	625,022.0	Е			
J - Y =	450,987.1	N	J - X =	625,010.6	Е			
K - Y =	453,640.3	N	K - X =	624,991.5	Е			
L - Y =	456,293.2	Ν	L - X =	624,971.7	Ε			

SEC 1		<u> Т0</u>	ACREA	<u>GE TABLE</u>
LOT	1	-	39.94	ACRES
LOT	2	_	39.83	ACRES
LOT	3	_	39.72	ACRES
LOT	4	_	39.61	ACRES



DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: SCALE: SHEET: REVISION:

2023060324 1" = 2,000' 2 OF 2 NO

<u>C-10</u>	2		State of New Mexico Energy, Minerals & Natural Resources Department								Revised July 9, 2024
Submit El	ectronically			••	IL CONSERV		•	IL			Initial Submittal
Via OCD	Permitting			O	IL CONSERVA	ATION DIVISI	ION		Submit Type:	tal 🗵	Amended Report
											As Drilled
					WELL LOCATION	NINFORMATION					
API Nu			Pool Code 98220		Pool Na	ne PLE SAGE; WOLFCA	MD				
Propert	15-54358 v Code		Property Name			<u> </u>	AIVIF			Well N	lumber
33	3842			POKE	ER LAKE UNIT 13-24	PC				125H	ł
ORGID 3730			Operator Name	XTO	PERMIAN OPERATI	NG, LLC.				Ground 3,09	l Level Elevation 4'
Surface	Owner:	State  F	ee 🗌 Tribal 🔀	Federal		Mineral Owner:	State Fee	Triba	l 👿 Fed	eral	
					Surface	Location					
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude		County
G	13	24 S	29 E		2,459' FNL	2,220' FEL	32.218055	-	-103.93	6678	EDDY
UL	Section	Townshi	p Range	Lot	Bottom H Ft. from N/S	ole Location  Ft. from E/W	Latitude	Le	ongitude		County
J	1	24 S	.   -	Lot	2,366' FSL	2,316' FEL	32.245897		-103.93	7022	EDDY
Dedicat	ted Acres 94	Infill or D	efining Well		g Well API 01554015	Overlapping Spacing Y	Unit (Y/N) C	onsolida U	tion Code	e	
	Jumbers.					Well setbacks are und	er Common Owr	nership: [	▼ Yes [	□ No	
		1			Kick Off	Point (KOP)					
UL G	Section 13	Townshi	.   .	Lot	Ft. from N/S 2,459' FNL	Ft. from E/W 2,220' FEL	Latitude 32.218055		ongitude 103.930	6678	County EDDY
					First Take	Point (FTP)					
UL	Section	Townshi		Lot	Ft. from N/S	Ft. from E/W	Latitude 32,219431		ongitude	6000	County
G	13	24 3	29 E		1,959' FNL	2,316' FEL	32.219431	431 -103.936988 EDDY			EDDT
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Point (LTP) Ft. from E/W	Latitude	Lo	ongitude		County
J	1	24 S	29 E		2,316' FSL	2,316' FEL	32.245760	32.245760 -103.937022 EDD			EDDY
				_							
Unitize	d Area or Are		m Interest 105422429	Spacin	g Unit Type 🗵 Horizo	ntal  Vertical	Groun	d Floor E	Elevation:	3,094	1
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR C	CERTIFICAT	TIONS			
I hereb	y certify that i	the informat	ion contained her	ein is true	e and complete to the	I hereby certify tha					
					either owns a working ne proposed bottom hole	notes of actual sur is true and correct			r my sup	ervision	, and that the same
location	ı or has a rigi	ht to drill th		ation purs	uant to a contract with	I, TIM C. PAPPAS, NEW 21209, DO HEREBY CEI ACTUAL SURVEY ON THI	rtify that this su	JRVEY PLA	T AND THE	: /	C PAD
			ing order heretof			WERE PERFORMED BY METHAT I AM RESPONSIBLE MEETS THE MINIMUM ST	ME OR UNDER MY E FOR THIS SURVE	DIRECT SU Y, THAT TH	PERVISION;	MIN	W. MEY.
				_	anization has received rest or unleased minera	MEXICO, AND THAT IS T	RUE AND CORRECT				EM WEXICO SO
interest	in each tract	(in the targ	et pool or formati	ion) in wh	ich any part of the well's pooling form the	- 11	<u>4 Sep</u>	)T 20	124	(	(21209)
division		iii be iocaie	a or obtained a c	ompuisor	pooling jorm the	TIM C. PAPPAS			/	R	
ma	noj Vel	nbates	h.	09/11	1/24	REGISTERED PROFESSIO STATE OF NEW MEXICO	NO. 21209	)K		13.	STONAL SURVETO
-					· · - ·	-					
Signatu			I	Date		Signature and Seal of	of Professional Su	ırveyor			
Mano	j Venka	itesh				-					
Printed	Name					Certificate Number	Dat	e of Surv	/ey		
		atesh@	exxonmob	il.con	n	TIM C. PAPPAS	3 21209	10/18/2	2023		
Email A	Email Address										
	Note: No al	lowable wil	ll be assigned to	this comp	letion until all interests	have been consolidatea	l or a non-stande	ard unit l	has been	approve	ed by the division.

FSCINC BURVEYORS+ENGINEERS

DATE: DRAWN BY: CHECKED BY: FIELD CREW:

PROJECT NO: SCALE: SHEET: 9-3-2024 LM CH IR REVISION:

2023060309 1 OF 2 NO

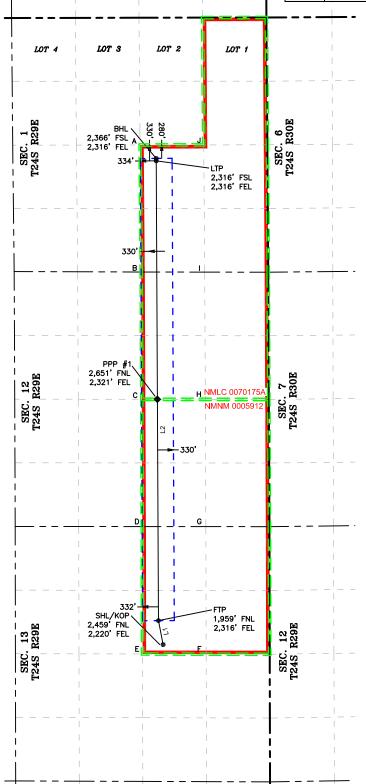
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

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LEGEND
 SECTION LINE PROPOSED WELLBORE NEW MEXICO MINERAL LEASE LINE 330' BUFFER
DEDICATED ACREAGE

<u>LINE TABLE</u>								
LINE	AZIMUTH	LENGTH						
L1	348° 58'59"	509.68'						
L2	359' 43'29''	9,628.06'						

	COORDINATE TABLE									
SHL/k	OP (NAD 83	NME)	F	TP (NAD 83 NMI	Ξ)	PPP #1 (NAD 83 NME)				
Y =	443,288.7	N	Y =	443,789.0	N	Y =	448,399.5	N		
X =	664,004.3	Е	X =	663,906.9	Е	X =	663,884.8	Е		
LAT. =	32.218055	°N	LAT. =	32.219431	°N	LAT. =	32.232105	°N		
LONG. =	103.936678	°W	LONG. =	103.936988	°W	LONG. =	103.937004	°W		
LT	P (NAD 83 NM	IE)	BI	HL (NAD 83 NMI	E)					
Y =	453,366.9	N	Y =	453,416.9	N					
X =	663,861.0	Е	X =	663,860.6	Е					
LAT. =	32.245760	°N	LAT. =	32.245897	°N					
LONG. =	103.937022	°W	LONG. =	103.937022	°W					
SHL/	OP (NAD 27 I	NME)	F	ΓP (NAD 27 NMI	Ξ)	PPP #1 (NAD 27 NME)				
Y =	443,229.3	N	Y =	443,729.6	N	Y =	448,340.0	N		
X =	622,820.8	Е	X =	622,723.4	Е	X =	622,701.5	Е		
LAT. =	32.217931	°N	LAT. =	32.219307	°N	LAT. =	32.231981	°N		
LONG. =	103.936190	°W	LONG. =	103.936499	°W	LONG. =	103.936514	°W		
LT	P (NAD 27 NM	IE)	BI	HL (NAD 27 NMI	E)					
Y =	453,307.3	N	Y =	453,357.3	N					
X =	622,677.8	Е	X =	622,677.5	Е					
LAT. =	32.245636	°N	LAT. =	32.245773	°N					
LONG. =	103.936532	°W	LONG. =	103.936532	°W					



CORNER COORDINATES (NAD83 NME)									
A - Y =	453,696.5	N	A - X =	663,524.5	Ε				
B - Y =	451,051.0	N	B - X =	663,547.9	Ε				
C - Y =	448,399.9	N	C - X =	663,559.1	Ε				
D - Y =	445,748.2	N	D - X =	663,570.2	Е				
E-Y=	443,093.9	N	E - X =	663,576.0	Е				
F-Y=	443,091.0	Ν	F - X =	664,900.3	Ε				
G-Y=	445,747.4	Ν	G-X=	664,894.3	Ε				
H-Y=	448,398.4	Ν	H-X=	664,882.2	Ε				
I-Y=	451,048.8	Ν	I - X =	664,870.9	Ε				
J - Y =	453,698.2	N	J - X =	664,849.6	Ε				
CORNER COORDINATES (NAD27 NME)									
			= 0 /:	., . <u>.                                  </u>					
A - Y =	453,636.9	N	A - X =	622,341.4	Е				
A - Y = B - Y =			•		E E				
	453,636.9	Ν	A - X =	622,341.4					
B - Y =	453,636.9 450,991.4	N N	A - X = B - X =	622,341.4 622,364.7	Ē				
B - Y = C - Y =	453,636.9 450,991.4 448,340.4	N N N	A-X= B-X= C-X=	622,341.4 622,364.7 622,375.8	E E				
B - Y = C - Y = D - Y =	453,636.9 450,991.4 448,340.4 445,688.8	N N N	A - X = B - X = C - X = D - X =	622,341.4 622,364.7 622,375.8 622,386.8	E E E				
B-Y= C-Y= D-Y= E-Y=	453,636.9 450,991.4 448,340.4 445,688.8 443,034.6	N N N N	A-X= B-X= C-X= D-X= E-X=	622,341.4 622,364.7 622,375.8 622,386.8 622,392.5	E E E				
B-Y= C-Y= D-Y= E-Y= F-Y=	453,636.9 450,991.4 448,340.4 445,688.8 443,034.6 443,031.7	N N N N N	A-X= B-X= C-X= D-X= E-X= F-X=	622,341.4 622,364.7 622,375.8 622,386.8 622,392.5 623,716.8	E E E E				
B-Y= C-Y= D-Y= E-Y= F-Y= G-Y=	453,636.9 450,991.4 448,340.4 445,688.8 443,034.6 443,031.7 445,687.9	N N N N N	A-X= B-X= C-X= D-X= E-X= F-X= G-X=	622,341.4 622,364.7 622,375.8 622,386.8 622,392.5 623,716.8 623,710.9	E E E E				

<u>SEC 1</u>	LO	Γ_	ACREA	GE	TABL	Ε
			39.94			
LOT	2 -	-	39.83	AC	RES	
LOT	3 -	-	39.72	AC	RES	
LOT	4 -	-	39.61	AC	RES	



2821 West 7th Street, Suite 200
Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPL5 Firm 10193887
www.fscinc.net
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DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: SCALE: SHEET: REVISION:

2023060309 1" = 2,000' 2 OF 2 NO

MELLIOCATION INFORMATION   Manual Manager   MATTER   Manual Manager   MATTER   MAT	<u>C-10</u>	02		State of New Mexico Energy, Minerals & Natural Resources Department								Revised July 9, 2024
Note					OIL CONSERVATION DIVISION						tal -	
WELL LOCATION INFORMATION   API Number   33-015-5553   992.20   PUPILE SAGE; WOLF CAMP   POPINS   POPINS   PUPILE SAGE; WOLF CAMP   PUPILE SAGE; WOLF CAMP   Will Number   127H   13-34 PC   State   Pupile   Will Number   127H   State   Will Number   127H   Will Number   Will Will Will Will Number   Will		-										
Property Cade												As Drilled
Section   Township   Range   Lot   Fe from NS   Set   Township   Section   Township   North   Set   Set   Section   Township   Township   Section   Townsh						WELL LOCATION	INFORMATION					
Pigority Name								1P				
Okcolin No. 373075  Surface Owner: State	Proper	ty Code			POKI							
Surface Overcit   State   Fee   Tribul     Fee   Fribul     Fribul	ORGII	O No.		Operator Name	XTO	PERMIAN OPERATIN	NG. LLC.				Grou	nd Level Elevation
UL Section Township Range Lot P. from NS P. from EV J. Latitude 1-03.932915 EDDY  UL Section Township Range Lot P. from NS P. from EV J. Latitude 1-03.932915 EDDY  Dedicated Acres Infill or Defining Well P. J. 280 F. N. Developing Specing Unit (YiN) Concolidation Code 1719.94 INFILL 3001554015 Y. County  Well setheds are under Common Observable: Well AP J. 1058 FEL J. Latitude 1-103.932765 EDDY  Delicated Acres Infill or Defining Well P. J. Section 1811 Township Range Lot P. from EV J. Latitude 1811			Stata D E	aa 🗆 Tribal 🕅			· 	Stata 🗆	Foo Tribol	I ™ Fad		12'
UL Section Township Range 1ot P1. from NS 24.0 FNL mp NS 10.86 FEL 32.218149 -103.83215 County  Dedicated Acres 71.904 Infill or Defining Well North 10.86 FEL 32.218149 -103.83215 County  Dedicated Acres 71.904 Infill or Defining Well North 10.86 FNL 30.253179 -103.832785 EDDY  Dedicated Acres 71.904 Infill or Defining Well North 10.86 FNL 30.253179 -103.832785 EDDY  Dedicated Acres 71.904 Infill or Defining Well P1. from NS 10.86 FNL 30.253179 -103.832785 EDDY  Dedicated Acres 71.904 Infill or Defining Well P1. from NS 10.86 FNL 30.253179 -103.832785 EDDY  Well setbacks are under Common Ownership: Yes Yes No Well setbacks are under Common Ownership: Yes No North 10.86 FNL 30.218149 -103.832115 EDDY  Well setbacks are under Common Ownership: Yes No North 10.86 FNL 30.218149 -103.832115 EDDY  Well setbacks are under Common Ownership: Yes No North 10.86 FNL 30.218149 -103.832115 EDDY  Well setbacks are under Common Ownership: Yes No North 10.86 FNL 30.218149 -103.832115 EDDY  Well setbacks are under Common Ownership: Yes No North 10.86 FNL 30.218149 -103.832115 EDDY  Well setbacks are under Common Ownership: Yes No North 10.86 FNL 30.218149 -103.832115 EDDY  FIRST Take Point (FTP)  UL Section Township Range 1ot P1. from NS 10.86 FNL 30.218149 -103.832115 EDDY  Last Take Point (LTP)  UL Section Township Range 1ot P1. from NS 10.86 FNL 30.218149 -103.832785 EDDY  Unalized Area or Area of Uniform Interest NAMMINISTEZIA19 Spacing Unit Typ: Yell Horizontal P1. developed to the head of the world in the section of the world in the worl	Surrace	e owner.	StateT	ee   Illoal 🔼	rederai	Surface		state	ree 🔝 IIIoa	I A Fed	Ciai	
Bottom Hole Location   County   Coun		1	1	.   -	Lot	Ft. from N/S	Ft. from E/W	1		_		
UL Section 1 24 S 29 E 1 1 Ft. from NS 296 Ft. 1 Section 1 Infill or Defining Well NFILL Solution 296 Ft. 1 Section 1 Infill or Defining Well NFILL Solution 296 Ft. 1 Section 1 Infill or Defining Well NFILL Solution 296 Ft. 1 Section 1 Infill or Defining Well NFILL Solution 296 Ft. 1 Section 1 Invenship Range 24 S 29 E Lot 1 Inform NS 24 S 29 E Lot 1 Inform NS 1 Inform NS 24 S 29 E Lot 1 Inform NS 24 S 29 E Lot 1 Inform NS 24 S 29 E Lot 24 Section 1 Inform NS 24 S 29 E Lot 24 Section 24 Se	Н	13	24 S	29 E		, -	,	32.21	8149 -	-103.93	2915	EDDY
Destinate Acres 719.94 Infill or Defining Well NFILL  Order Numbers.  Well setbacks are under Common Ownership: ☑ Yes ☐ No  Kick Off Point (KOP)  UL Section Township Range Lot P. Irom N/S 24 S 29 E Lot P. Irom N/S 1.050 FPL 32.218149 Longitude EDDY  First Take Point (FTP)  UL Section Township Range Lot P. Irom N/S 24 S 29 E Lot P. Irom N/S 1.920 FNL 996 FPL 32.219523 Longitude  UN Section Township Range Lot P. Irom N/S 24 S 29 E Lot P. Irom N/S 24 S 29 E Lot P. Irom N/S 1.920 FNL 996 FPL 32.219523 Longitude  UL Section Township Range Lot P. Irom N/S 24 S 29 E 1 S 300 FNL 996 FPL 32.23524 Longitude  UL Section Township Range Lot P. Irom N/S 24 S 29 E 1 S 300 FNL 996 FPL 32.23524 Longitude  Unitized Area or Area of Uniform Interest NMNNNI105422429 Spacing Unit Type ☑ Horizontal ☐ Vertical ☐ Ground Floor Elevation:  Unitized Area or Area of Uniform Interest NMNNNI105422429 Spacing Unit Type ☑ Horizontal ☐ Vertical ☐ Ground Floor Elevation:  I hereby certify that the information contained herein is true and complete to the best of ay boardedge and helift, and that this incomplation collect ones a working interest or understead herein to true and complete to the best of ay boardedge and helift, and that this incomplation of an owner of such an interest or working intere	UL	Section	Township		1		1	Latitud	e Lo	ongitude		County
The Point (Kop)    Control Numbers		1	24 S	29 E	1	280' FNL	996' FEL	32.25	3179 -	103.93	2785	EDDY
Section   Township   Range   Lot   Pt. from NS   2.420° FNL   1,056° FEL   32.218149   -103.932915   EDDY				efining Well				nit (Y/N)	I	tion Code	e	
Unitized Area or Area of Uniform Interest NNNM105422429   Spacing Unit Type \ Horizontal \ Derethy Certify that the information contained horein is true and complete to the best of my knowledge and helief, and that this organization either owns a working interest or undeased mineral interest or undeased mineral or working interest or undeased mineral or working interest or a depth and movem of a compulsory pooling order heretofore entered by the division.    Ward	Order 1	Numbers.					Well setbacks are under	Commo	n Ownership:	X Yes [	☐ No	
First Take Point (FTP)  UL Section Township Range Lot Fl. from NS 1, 1920 FNL 32,218149 —103,932915 EDDY  Last Take Point (LTP)  UL Section Township Range Lot Fl. from NS 1, 1920 FNL 32,219523 —103,392785 EDDY  Last Take Point (LTP)  UL Section Township Range Lot Fl. from NS 1, 1920 FNL 32,219523 —103,392785 EDDY  Unitized Area or Area of Uniform Interest NNINMI105422429 Spacing Unit Type Horizontal Vertical Ground Floor Elevation: 3,112  Unitized Area or Area of Uniform Interest NNINMI105422429 Spacing Unit Type Horizontal Vertical Ground Floor Elevation: 3,112  OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill like well at this location pursuant to a contract with an owner of such a mineral or working interest or a voluntary pooling agreement or a complisory pooling owch Perceptor eitered by the drivision.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee on owner of a working interest or unleased mineral timerest in the location in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manog Venkatesh  O9/11/24  Signature Date  Signature Date  Manoj Venkatesh  Certificate Number  Time C. pappas solution of Survey  Timed Name  Certificate Number  Date of Survey  Time C. pappas 21209  Time C						Kick Off	Point (KOP)					
First Take Point (FTP)  UL Section Township Range Lot FI. from NS 1,920° FNL 996° FEL 32.219523 Longitude County EDDY  Latitude Latitude Longitude Longitude County Policy Policy Section Township Range Lot FI. from NS FI. from EW 32.253041 Latitude Longitude County Policy Policy Section Township Range Lot FI. from NS FI. from EW 32.253041 Latitude Longitude Policy			1	- 1 -	Lot	· ·	· ·		-	_	2915	
UL Section 13 Z4S 29E Lot FI. from N/S 1,920 FNL Last Take Point (LTP)  UL Section Township Range Lot FI. from N/S 1,920 FNL Pt. from E/W 124 S 29 E 1 Pt. from N/S 1,920 FNL Pt. from E/W 124 S 29 E 1 Pt. from N/S 1,920 FNL Pt. from E/W 124 S 29 E 1 Pt. from N/S 1,920 FNL Pt. from E/W 124 S 29 E 1 Pt. from N/S 1,920 FNL Pt. from E/W 124 S 29 E 1 Pt. from N/S 1,920 FNL Pt. from E/W 124 S 29 E 1 Pt. from N/S 1,920 FNL Pt. from E/W 124 S 29 E 1 Pt. from N/S 1,920 FNL Pt. from N/S 1	- ' '	10	24 3	29 E		<u> </u>	·	02.21	0140	100.00	2010	
Last Take Point (LTP)  UL Section Township Range 24 S 29 E 1 330 FNL 996 FEL 32.253041 Longitude -103.932784 County EDDY  Unitized Area or Area of Uniform Interest NMNM105422429 Spacing Unit Type  Horizontal  Vertical Ground Floor Elevation: 3,112  OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill his well at his location pursuant to a contract with an interest or working interest or unleased mineral interest in care compulsory pooling ander hereinfore curred by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which amy part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Op/11/24  Signature  Date  Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  Certificate Number  TIM C. PAPPAS 21209  7/28/2023			1 '	.   -	Lot		· ·	1		_	2785	
Unitized Area or Area of Uniform Interest NNNMI105422429    Spacing Unit Type   Horizontal   Vertical   Ground Floor Elevation: 3,112						,						
OPERATOR CERTIFICATIONS  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hale lacation or has a right to affiliation with line well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a computory pooling order heretofore entered by the division.  If this well is this focation pursuant to a contract with an owner of such a mineral or working interest or a voluntary pooling agreement or a computory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manog Venkatesh  Printed Name  Manoj Venkatesh  Printed Name  Certificate Number  Date of Survey  TIM C. PAPPAS 21209	UL		1 '		1	Ft. from N/S						
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Signature  Date  Signature and Correct to the best of my belief.  I hereby certify that the well location shown on this plat was plotted from field notes of more under or under of our under my supervision, and that the same is true and correct to the best of my belief.  I hereby certify that the well location shown on this plat was plotted from field notes of more under or undersor.  II hereby certify that the well location shown on this plat was plotted from field notes for under or und	Unitize	ed Area or Are			Spacin	g Unit Type 🛣 Horizoi	ontal				2'	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Signature  Date  Signature and Correct to the best of my belief.  I hereby certify that the well location shown on this plat was plotted from field notes of more under or under of our under my supervision, and that the same is true and correct to the best of my belief.  I hereby certify that the well location shown on this plat was plotted from field notes of more under or undersor.  II hereby certify that the well location shown on this plat was plotted from field notes for under or und								·				
best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Date  Date  Signature and Seal of Professional Surveyor  TIM C. PAPPAS 21209  TIM C. PAPPAS 21209  7/28/2023	OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR CERTIFICATIONS					
location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Manoj Venkatesh  Date  Date  Date  Signature  Date of Survey  TIM C. PAPPAS 21209	best of	my knowledge	and belief,	and that this orgo	anization	either owns a working	notes of actual surveys made by me or under my supervision, and that the same					
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.  Wanoj Venkatesh  Date  Date  Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  MESTIS THE MINIMUM STANDARDS FOR SURVEYNGR IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  4 Sept 2024  11 M C. PAPPAS REGISTRED PROFESSIONAL LAND SURVEYOR  Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  Certificate Number  Date of Survey  TIM C. PAPPAS 21209  Time C. PAPPAS 21209	locatio an own	n or has a rigi ner of such a n	ht to drill thi iineral or we	is well at this loca orking interest, or	ition purs to a voli	uant to a contract with untary pooling	I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION:				C. PAPP	
Completed interval will be located or obtained a compulsory pooling form the division.  Tim C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209  Signature Date Signature and Seal of Professional Surveyor  Manoj Venkatesh  Printed Name Certificate Number Date of Survey  manoj.venkatesh@exxonmobil.com  Email Address  TIM C. PAPPAS 21209  7/28/2023	the con	isent of at leas	t one lessee	or owner of a wo	rking inte	erest or unleased mineral	MEETS THE MINIMUM STAN MEXICO, AND THAT IS TRU	NDARDS FO JE AND CO	R SURVEYING IN	NEW ,		
Signature And Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  manoj.venkatesh@exxonmobil.com Email Address  Signature and Seal of Professional Surveyor  Certificate Number TIM C. PAPPAS 21209 7/28/2023	comple	rted interval w					REGISTERED PROFESSIONA	AL LAND SI	URVEYOR		PROT	\ / /
Signature And Seal of Professional Surveyor  Manoj Venkatesh  Printed Name  manoj.venkatesh@exxonmobil.com Email Address  Signature and Seal of Professional Surveyor  Certificate Number TIM C. PAPPAS 21209 7/28/2023	Ma	inoj Vei	rkates	h	09/1 <sup>-</sup>	1/24	STATE OF NEW MEXICO N	0. 21209			(3	SONAL SURVE
Printed Name  Manoj.venkatesh@exxonmobil.com  Email Address  Certificate Number  TIM C. PAPPAS 21209  7/28/2023	Signatu	ure		Γ	Date		Signature and Seal of	Professio	nal Surveyor		-	
manoj.venkatesh@exxonmobil.com Email Address  TIM C. PAPPAS 21209 7/28/2023	Mano	oj Venka	itesh									
Email Address	Printed	l Name					Certificate Number		Date of Surv	rey		
	man	oj.venka	atesh@	exxonmob	il.cor	n	TIM C. PAPPAS 2	21209	7/28/20	023		
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.	Email											
		Note: No al	lowable wil	l be assigned to t	his comp	letion until all interests	have been consolidated o	or a non	standard unit k	as been	approv	ved by the division.

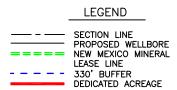
DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: SCALE: SHEET: 2023060321 REVISION:

1 OF 2 NO

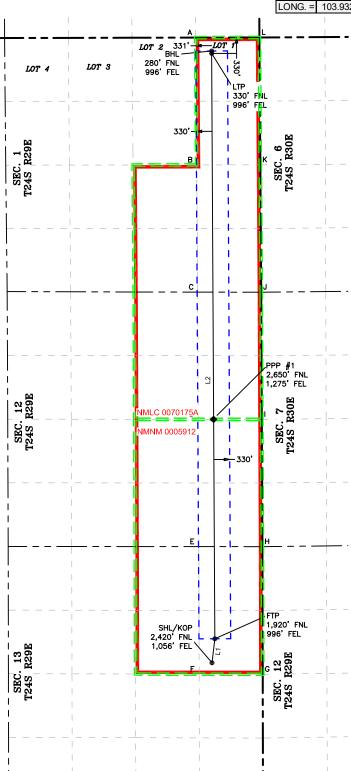
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



<u>LINE TABLE</u>								
LINE	AZIMUTH	LENGTH						
L1	06 42'39"	503.41'						
L2	359 41'29"	12,243.76'						

	COORDINATE TABLE									
SHL/I	KOP (NAD 83	NME)	F	TP (NAD 83 NM	E)	PPP #1 (NAD 83 NME)				
Y =	443,327.2	N	Y =	443,827.1	N	Y =	448,398.0	N		
X =	665,198.0	E	X =	665,226.8	E	X =	665,202.2	E		
LAT. =	32.218149	°N	LAT. =	32.219523	°N	LAT. =	32.232087	°N		
LONG. =	103.932915	°W	LONG. =	103.932719	°W	LONG. =	103.932743	°W		
LT	LTP (NAD 83 NME) BHL (NAD 83 NME)									
Y =	456,020.7	N	Y =	456,070.7	N					
X =	665,161.2	Е	X =	665,160.8	Е					
LAT. =	32.253041	°N	LAT. =	32.253179	°N					
LONG. =	103.932784	°W	LONG. =	103.932785	°W					
SHL/I	KOP (NAD 27	NME)	F	TP (NAD 27 NM	E)	PPP #1 (NAD 27 NME)				
Y =	443,267.8	N	Y =	443,767.8	N	Y =	448,338.5	N		
X =	623,984.5	Е	X =	624,043.3	Е	X =	624,018.9	Е		
LAT. =	32.218025	°N	LAT. =	32.219398	°N	LAT. =	32.231963	°N		
LONG. =	103.932426	°W	LONG. =	103.932230	°W	LONG. =	103.932254	°W		
LT	P (NAD 27 NN	ΛE)	ВІ	HL (NAD 27 NM	E)					
Y =	455,961.0	N	Y =	456,011.0	N					
X =	623,978.1	Е	X =	623,977.8	Е					
LAT. =	32.252917	°N	LAT. =	32.253055	°N					
LONG. =	103.932294	°W	LONG. =	103.932294	°W					



CORNER COORDINATES (NAD83 NME)									
A - Y =	456,350.0	N	A - X =	664,827.9	Е				
B - Y =	453,698.2	Ζ	B - X =	664,849.6	Ε				
C - Y =	451,048.8	Z	C - X =	664,870.9	Е				
D-Y=	448,398.4	Ν	D - X =	664,882.2	Е				
E-Y=	445,747.4	Ν	E-X=	664,894.3	Е				
F-Y=	443,091.0	Ν	F-X=	664,900.3	Е				
G-Y=	443,088.1	Ν	G-X=	666,224.6	Е				
H-Y=	445,746.5	Ν	H-X=	666,218.3	Е				
I-Y=	448,396.9	Ν	I-X=	666,205.3	Е				
J-Y=	451,046.7	Ν	J - X =	666,193.9	Е				
K-Y=	453,699.9	Ν	K - X =	666,174.6	Е				
L-Y=	456,352.9	Z	L - X =	666,154.8	Е				
CORNER COORDINATES (NAD27 NME)									
A - Y =	456,293.2	N	A - X =	624,971.7	Е				
B - Y =	453,640.3	Ν	B - X =	624,991.5	Е				
C - Y =	450,987.1	Ν	C - X =	625,010.6	Е				
D - Y =	448,337.4	Ν	D - X =	625,022.0	Е				
E-Y=	445,687.1	Ν	E-X=	625,034.9	Е				
F-Y=	443,028.8	Ν	F-X=	625,041.0	Е				
G-Y=	443,028.8	Ν	G-X=	625,041.0	Е				
H-Y=	445,687.1	Ν	H-X=	625,034.9	Е				
I-Y=	448,337.4	Ν	I-X=	625,022.0	Е				
J-Y=	450,987.1	Ν	J - X =	625,010.6	Е				
K-Y=	453,640.3	Ν	K - X =	624,991.5	Е				
L-Y=	456,293.2	Ν	L - X =	624,971.7	Е				



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Fort Worth, TX 76107
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DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: 2023060321
SCALE: 1" = 2,000'
SHEET: 2 OF 2
REVISION: NO

<u>C-10</u>	02		Ene	ray N		ew Mexico	w Mexico al Resources Department			Revised July 9, 2024		
Submit El	lectronically		Elic		IL CONSERVA		*			Initial Submittal		
Via OCD	Permitting			O	IL CONSERVA	ATION DIVIS	IV DI VISIOIV			Amended Report		
								Type:		As Drilled		
	WELL LOCATION INFORMATION											
	15-54357		Pool Code 98220		Pool Nar PURP	ne LE SAGE; WOLFC	AMP		T			
Propert	y Code 333842		Property Name	POK	ER LAKE UNIT 13-24	PC			165I	Number H		
ORGIE 3730			Operator Name	ХТО	PERMIAN OPERATII	NG, LLC.			Groun 3,09	nd Level Elevation 94'		
Surface	Owner:	State  F	ee 🗌 Tribal 🕱	Federal		Mineral Owner: [	State Fee Tr	ribal 🗓 Fe	deral			
					Surface	Location						
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	<del>,</del>	County		
G	13	24 S	29 E		2,459' FNL	2,190' FEL	32.218055	-103.93	36581	EDDY		
111	Cant's	T 11	n D	T		ole Location	T national -	Londia		Country		
UL J	Section 1	Townshi	.   -	Lot	Ft. from N/S 2,367' FSL	Ft. from E/W 2,151' FEL	Latitude 32.245896	Longitude		County EDDY		
Dedica 719.	ted Acres 94	Infill or D	efining Well		ng Well API 3001554015	Overlapping Spacing Y	g Unit (Y/N) Consol U	lidation Coo	le			
Order 1	Numbers.					Well setbacks are un	der Common Ownershi	p: 🛛 Yes	☐ No			
					W. 1 000	D. I. (HOD)						
UL	Section	Townshi	p Range	Lot	Kick Off Ft. from N/S	Point (KOP)  Ft. from E/W	Latitude	Longitude		County		
G	13	24 S	-   -	Lot	2,459' FNL	2,190' FEL	32.218055	-103.93		EDDY		
					First Take	Point (FTP)						
UL G	Section 13	Townshi 24 S	.   .	Lot	Ft. from N/S 1,959' FNL	Ft. from E/W 2,151' FEL	Latitude 32.219429	0		County EDDY		
					Last Take	Point (LTP)						
UL	Section	Townshi		Lot	Ft. from N/S	Ft. from E/W Latitude Longitude		County				
J	1	24 S	29 E		2,317' FSL	2,151' FEL	32.245759	-103.93	36488	EDDY		
Unitize	ed Area or Are	ea of Unifor	m Interest	Spacin	ng Unit Type 🗵 Horizo	ntal 🗆 Vertical	Ground Floo	or Elevation	n:			
		NMN	NM105422429	1	5 71 E 2000				<sup>1:</sup> 3,09 <sup>2</sup>	<u> </u>		
ODE	D ATOD C	TED TIELS	AFIONG			GLIDALENCO	CEDTIEI CATION	10				
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR	CERTIFICATION	NS				
best of	my knowledge	e and belief,	and that this org	anization	e and complete to the either owns a working	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same						
locatio	n or has a rig	ht to drill th	is well at this loce	tion purs	he proposed bottom hole want to a contract with	is true and correct to the best of my belief.  I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO.						
			orking interest, o ing order heretof		ıntary pooling ed by the division.	21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION;						
If this v	vell is a horiz	ontal well, I	further certify th	at this or;	ganization has received	MEETS THE MINIMUM S MEXICO, AND THAT IS	STANDARDS FOR SURVEYING TRUE AND CORRECT TO TH	IN NEW		EM WEXICON		
					erest or unleased mineral wich any part of the well's		4 Sept 2	2024		21209		
	ted interval w				y pooling form the				2	1 1		
uivisio						TIM C. PAPPAS REGISTERED PROFESSI STATE OF NEW MEXIC	IONAL LAND SURVEYOR O NO. 21209		TOATE	, vital		
Ma	rnoj Ve	nkates	h	09/1	1/24					S/ONAL SURVE		
Signatu	•			Date		Signature and Seal	of Professional Surveyo					
Mano	oj Venka	atesh										
Printed	Name					Certificate Number	r Date of S	Survey				
mano		atesh@	exxonmob	il.cor	m	TIM C. PAPPA		18/2023				
	Note: No al	llowable wil	l be assigned to	this comp	eletion until all interests	⊥ have been consolidate	ed or a non-standard ur	nit has beer	ı approv	ed by the division.		
			034 10	P				2 3001	11.07			

FSCING BURVEYORS HENGINEERS

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Ph: 817.349.9800 - Fax: 979.732.5271
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DATE: DRAWN BY: CHECKED BY: FIELD CREW: 9-3-2024 PROJECT NO: LM SCALE: CH SHEET: IR REVISION:

2023060310 1 OF 2 NO

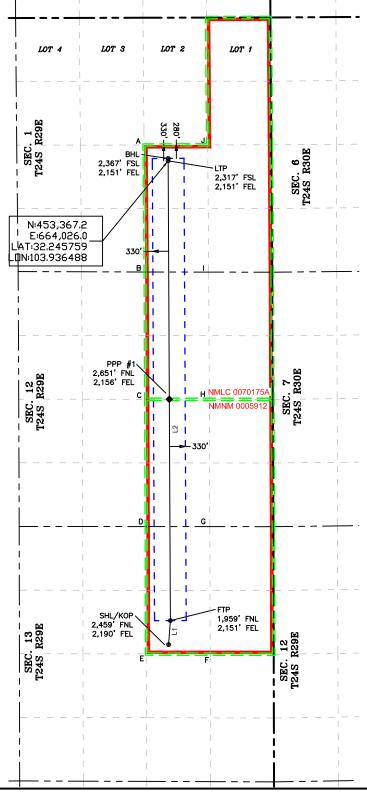
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



LINE TABLE								
LINE	AZIMUTH	LENGTH						
L1	04° 17'30"	501.61'						
L2	359' 43'29''	9,628.38'						

	OCORDINATE TABLE									
				ORDINATE TA						
SHL/I	SHL/KOP (NAD 83 NME)			TP (NAD 83 NME	Ξ)	PPP #1 (NAD 83 NME)				
Y =	443,288.7	N	Y =	443,788.9	N	Y =	448,399.3	N		
X =	664,034.4	Е	X =	664,071.9	Е	X =	664,049.8	Е		
LAT. =	32.218055	°N	LAT. =	32.219429	°N	LAT. =	32.232103	°N		
LONG. =	103.936581	°W	LONG. =	103.936454	°W	LONG. =	103.936470	°W		
LT	P (NAD 83 NN	IE)	ВІ	HL (NAD 83 NMI	E)					
Y =	453,367.2	N	Y =	453,417.2	N					
X =	664,026.0	E	X =	664,025.6	E					
LAT. =	32.245759	°N	LAT. =	32.245896	°N					
LONG. =	103.936488	°W	LONG. =	103.936489	°W					
SHL/I	KOP (NAD 27	NME)	F	TP (NAD 27 NM	Ξ)	PP	P #1 (NAD 27 NI	ME)		
Y =	443,229.3	N	Y =	443,729.5	N	Y =	448,339.8	N		
X =	622,850.9	Е	X =	622,888.4	E	X =	655,866.5	E		
LAT. =	32.217930	°N	LAT. =	32.219305	°N	LAT. =	32.231979	°N		
LONG. =	103.936092	°W	LONG. =	103.935965	°W	LONG. =	103.935981	°W		
LT	P (NAD 27 NN	IE)	BI	HL (NAD 27 NMI	E)					
Y =	453,307.5	N	Y =	453,357.5	N					
X =	622,842.8	Е	X =	622,842.5	Е					
LAT. =	32.245635	°N	LAT. =	32.245772	°N					
LONG. =	103.935998	°W	LONG. =	103.935998	°W					



CC	CORNER COORDINATES (NAD83 NME)										
A - Y =	453,696.5	Ν	A - X =	663,524.5	Ε						
B - Y =	451,051.0	Ν	B - X =	663,547.9	Е						
C - Y =	448,399.9	Ν	C - X =	663,559.1	Е						
D - Y =	445,748.2	Ν	D - X =	663,570.2	Е						
E-Y=	443,093.9	Ν	E-X=	663,576.0	Е						
F-Y=	443,091.0	Ν	F-X=	664,900.3	Е						
G-Y=	445,747.4	Ν	G-X=	664,894.3	Е						
H-Y=	448,398.4	Ν	H-X=	664,882.2	Е						
I-Y=	451,048.8	Ν	I - X =	664,870.9	Е						
J - Y =	453,698.2	Ν	J - X =	664,849.6	Е						
CC	RNER COO	RDII	NATES (I	NAD27 NME)							
A - Y =	453,636.9	Ν	A - X =	622,341.4	Е						
B - Y =	450,991.4	Ν	B - X =	622,364.7	Е						
C - Y =	448,340.4	Ν	C - X =	622,375.8	Е						
D - Y =	445,688.8	N	D - X =	622,386.8	Е						
E-Y=	443,034.6	N	E - X =	622,392.5	Е						
F-Y=	443,031.7	Ν	F-X=	623,716.8	Е						
G-Y=	445,687.9	N	G-X=	623,710.9	Е						
H-Y=	448,338.9	Ν	H-X=	623,698.9	Ε						
I-Y=	450,989.3	Ν	I - X =	623,687.7	Ε						
J - Y =	453,638.6	Ν	J - X =	623,666.4	Ε						

SEC 1	LOT	ACREA	GE TABLE
LOT	1 -	39.94	ACRES
LOT	2 -	39.83	ACRES
LOT	3 -	39.72	ACRES
LOT	4 -	39.61	ACRES



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DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: SCALE: SHEET:

REVISION:

2023060310 1" = 2,000' 2 OF 2 NO

<u>C-10</u>	12		Ene	rgy. N		New Mexico ural Resources Department				Revised July 9, 2024	
	ectronically		Bille		IL CONSERVA		•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Initial Submittal
Via OCD	Permitting			J		11101(21(101	011		Submit Type:	tal	Amended Report
											As Drilled
					WELL LOCATION	INFORMATION			•	•	
API Nu			Pool Code		Pool Nan	ne LE SAGE; WOLFCAI	MD				
Propert	15-54015 y Code		98220 Property Name	DOM		<u> </u>	IVIF			Well N	umber
3338 ORGIE			Operator Name		ER LAKE UNIT 13-24					166F	Level Elevation
3730			Operator Traine	ХТО	PERMIAN OPERATII	NG, LLC.				3,094	
Surface	Owner:	State   F	ee 🗌 Tribal 🗓	Federal		Mineral Owner:	State  Fee	Tribal	X Fed	leral	
					Surface	Location					
UL G	Section 13	Townshi 24 S	.   .	Lot	Ft. from N/S 2,459' FNL	Ft. from E/W 2,250' FEL	Latitude 32.21805		ngitude ·103.93	6776	County EDDY
						ole Location					T
UL	Section 1	Townshi		Lot 1	Ft. from N/S 280' FNL	Ft. from E/W 996' FEL	Latitude 32.25317		ngitude 103.93	2785	County EDDY
	1		1		1	· · · · · · · · · · · · · · · · · · ·	1				<u> </u>
Dedica 719.	ted Acres 94	Infill or D DEFINI	efining Well ING	Definin	g Well API	Overlapping Spacing U	Jnit (Y/N)	Consolidat U	tion Code	e	
Order N	Numbers.					Well setbacks are unde	er Common Ov	vnership: [	▼ Yes [	☐ No	
					Kick Off	Point (KOP)		<u> </u>			
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ngitude		County
G	13	24 S	29 E		2,459' FNL	2,250' FEL	32.21805	6 -	103.93	6776	EDDY
UL	Section	Townshi	p Range	Lot	First Take Ft. from N/S	Point (FTP) Ft. from E/W	Latitude	Lo	Longitude County		
Н	13	24 S			1,959' FNL	1,271' FEL	32.21941	9 -	103.93	3608	EDDY
				T		Point (LTP)	T				
UL	Section 1	Townshi	.   -	Lot 1	Ft. from N/S 330' FNL	Ft. from E/W 996' FEL	·			County	
			<u> </u>								
Unitize	d Area or Are	a of Unifor NMNN	m Interest M105422429	Spacin	g Unit Type 🗵 Horizoi	ntal   Vertical	Grou	ınd Floor E	levation	3,094	
							,				
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR C	ERTIFICA	TIONS			
					e and complete to the either owns a working	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same					
interest location	or unleased in or has a rigi	nineral inte ht to drill th	rest in the land in	cluding th tion purs	ne proposed bottom hole uant to a contract with	is true and correct to the best of my belief.  I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED  C. PAP					
agreem	ent or a comp	ulsory pool	ing order heretofo	re entere	d by the division.	WERE PERFORMED BY M THAT I AM RESPONSIBLE MEETS THE MINIMUM STA	IE OR UNDER MY FOR THIS SURV ANDARDS FOR SU	' DIRECT SUI 'EY, THAT TH JRVEYING IN	PERVISION: IIS SURVE NEW	/\\	WEXICO S
the con	sent of at leas	t one lessee	or owner of a wo	rking inte	anization has received rest or unleased mineral	MEXICO, AND THAT IS THE MY KNOWLEDGE AND BEI		nt 20	124	1	
comple	ted interval w				ich any part of the well's y pooling form the	- Jun		P1 20	21		21209
divisio	1.					TIM C. PAPPAS REGISTERED PROFESSION STATE OF NEW MEXICO	NAL LAND SURVE	YOR	\	ROX	
Ma	noj Vei	rkates	h	09/1	1/24	STATE OF THEM WEXIOO	110. 21200			153	DONAL SURVE
Signatu	re		Г	ate		Signature and Seal of	f Professional	Surveyor			
Mano	j Venka	tesh									
Printed	Name					Certificate Number		ate of Surv	ey		
man	oj.venka	tesh@	exxonmob	il.cor	n	TIM C. PAPPAS	21209	7/28/20	)23		
Email A	Address					-					
	Note: No al	lowable wil	ll be assigned to t	his comp	letion until all interests	have been consolidated	or a non-stan	dard unit h	as been	approve	d by the division.

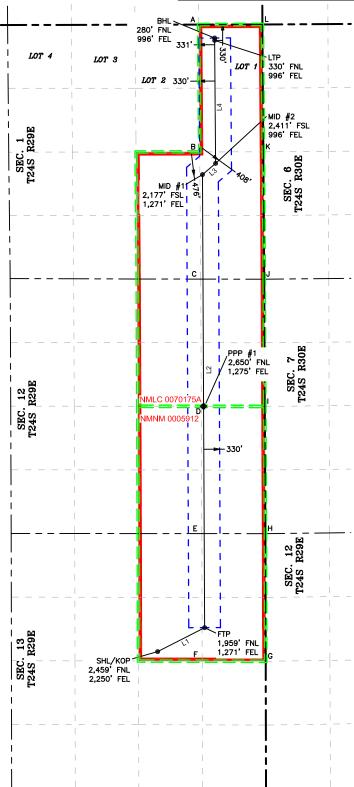
2023060313

This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

LEGEND
 SECTION LINE PROPOSED WELLBORE NEW MEXICO MINERAL LEASE LINE 330' BUFFER DEDICATED ACREAGE

	COORDINATE TABLE										
SHL/I	KOP (NAD 83	NME)	FTP (NAD 83 NME)			MID #1 (NAD 83 NME)			PPP #1 (NAD 83 NME)		
Y =	443,288.9	N	Y =	443,788.3	N	Y =	452,325.8	N	Y =	448,398.3	N
X =	663,974.1	E	X =	664,951.9	E	X =	664,913.6	E	X =	664,930.0	E
LAT. =	32.218056	°N	LAT. =	32.219419	°N	LAT. =	32.242887	°N	LAT. =	32.232091	°N
LONG. =	103.936776	°W	LONG. =	103.933608	°W	LONG. =	103.933630	°W	LONG. =	103.933624	°W
LT	P (NAD 83 NN	IE)	ВІ	HL (NAD 83 NM	E)	MIC	) #2 (NAD 83 NI	/IE)			
Y =	456,020.7	Z	Y =	456,070.7	N	Y =	453,459.3	Ν			
X =	665,161.2	Е	X =	665,160.8	Е	X =	665,180.4	Е			
LAT. =	32.253041	°N	LAT. =	32.253179	°N	LAT. =	32.246000	°N			
LONG. =	103.932784	°W	LONG. =	103.932785	°W	LONG. =	103.932753	°W			
SHL/I	KOP (NAD 27	NME)	F	ΓP (NAD 27 NM	E)	MIE	) #1 (NAD 27 NI	ΛE)	PPF	#1 (NAD 27 N	ME)
Y =	443,229.6	Ζ	Y =	443,728.9	N	Y =	452,266.2	Ν	Y =	448,338.8	N
X =	622,790.6	Е	X =	623,768.4	Е	X =	623,730.4	Е	X =	623,746.7	E
LAT. =	32.217932	°N	LAT. =	32.219294	°N	LAT. =	32.242763	°N	LAT. =	32.231967	°N
LONG. =	103.936287	°W	LONG. =	103.933120	°W	LONG. =	103.933140	°W	LONG. =	103.933134	°W
LT	P (NAD 27 NN	IE)	ВІ	HL (NAD 27 NM	E)	MIE	) #2 (NAD 27 NI	ΛE)			
Y =	455,961.0	Ν	Y =	456,011.0	N	Y =	453,399.7	Ν			
X =	623,978.1	Е	X =	623,977.8	Е	X =	623,997.2	Е			
LAT. =	32.252917	°N	LAT. =	32.253055	°N	LAT. =	32.245876	°N			
LONG. =	103.932294	°W	LONG. =	103.932294	°W	LONG. =	103.932263	°W			



LINE TABLE								
LINE	AZIMUTH	LENGTH						
L1	62° 56'49"	1,097.96'						
L2	359' 43'39''	9,437.56'						
L3	49 29'08"	359.51'						
L4	359' 34'19"	2,611.48'						

CC	RNER COO	RDII	NATES (I	NAD83 NME)				
A - Y =	456,350.0	N	A - X =	664,827.9	Е			
B-Y=	453,698.2	Ν	B - X =	664,849.6	Е			
C - Y =	451,048.8	N	C - X =	664,870.9	Е			
D - Y =	448,398.4	N	D - X =	664,882.2	Е			
E-Y=	445,747.4	N	E-X=	664,894.3	Е			
F-Y=	443,091.0	N	F - X =	664,900.3	Е			
G-Y=	443,088.1	N	G - X =	666,224.6	Е			
H-Y=	445,746.5	N	H - X =	666,218.3	Е			
I - Y =	448,396.9	N	I - X =	666,205.3	Е			
J-Y=	451,046.7	N	J - X =	666,193.9	Е			
K - Y =	453,699.9	N	K - X =	666,174.6	Е			
L - Y =	456,352.9	N	L - X =	666,154.8	E			
CORNER COORDINATES (NAD27 NME)								
CC	RNER COO	RDII		·				
<u>CC</u> A-Y=	<b>PRNER COO</b> 456,293.2	RDII N		·	E			
_			NATES (I	NAD27 NME)	E			
A - Y =	456,293.2	N	NATES (I A - X =	NAD27 NME) 624,971.7				
A-Y= B-Y=	456,293.2 453,640.3	N N	NATES (I A - X = B - X =	624,991.5	E			
A-Y= B-Y= C-Y=	456,293.2 453,640.3 450,987.1	N N N	A-X= B-X= C-X=	624,971.7 624,991.5 625,010.6	E			
A-Y= B-Y= C-Y= D-Y=	456,293.2 453,640.3 450,987.1 448,337.4	N N N	A-X= B-X= C-X= D-X=	624,971.7 624,991.5 625,010.6 625,022.0	E E E			
A-Y= B-Y= C-Y= D-Y= E-Y=	456,293.2 453,640.3 450,987.1 448,337.4 445,687.1	N N N N	A-X= B-X= C-X= D-X= E-X=	624,971.7 624,991.5 625,010.6 625,022.0 625,034.9	E E E			
A-Y= B-Y= C-Y= D-Y= E-Y= F-Y=	456,293.2 453,640.3 450,987.1 448,337.4 445,687.1 443,028.8	N N N N N	A-X= B-X= C-X= D-X= E-X= F-X=	624,971.7 624,991.5 625,010.6 625,022.0 625,034.9 625,041.0	E E E			
A-Y= B-Y= C-Y= D-Y= E-Y= F-Y=	456,293.2 453,640.3 450,987.1 448,337.4 445,687.1 443,028.8 443,028.8	N N N N N	A-X= B-X= C-X= D-X= E-X= F-X= G-X=	624,971.7 624,991.5 625,010.6 625,022.0 625,034.9 625,041.0 625,041.0	E E E E			
A-Y= B-Y= C-Y= D-Y= E-Y= F-Y= G-Y= H-Y=	456,293.2 453,640.3 450,987.1 448,337.4 445,687.1 443,028.8 443,028.8 445,687.1	N N N N N N	A - X = B - X = C - X = D - X = E - X = F - X = G - X = H - X =	624,971.7 624,991.5 625,010.6 625,022.0 625,034.9 625,041.0 625,034.9	E E E E E			
A-Y= B-Y= C-Y= D-Y= E-Y= F-Y= G-Y= H-Y=	456,293.2 453,640.3 450,987.1 448,337.4 445,687.1 443,028.8 443,028.8 445,687.1 448,337.4	N N N N N N	A-X= B-X= C-X= D-X= E-X= F-X= G-X= H-X= I-X=	624,971.7 624,991.5 625,010.6 625,022.0 625,034.9 625,041.0 625,041.0 625,034.9 625,034.9	E E E E E			

SEC 1	LOT	ACREA	GE TABLE
LOT	1 -	39.94	ACRES
LOT	2 -	39.83	ACRES
LOT	3 -	39.72	ACRES
LOT	4 -	39.61	ACRES



2821 West 7th Street, Suite 200
Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887

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DATE:
DRAWN BY:
CHECKED BY:
FIELD CREW:

9-3-2024 LM CH IR

PROJECT NO: SCALE: SHEET: REVISION:

2023060313 1" = 2,000' 2 OF 2 NO

<u>C-10</u>	<u>)2</u>		Ene	ray N	State of N Minerals & Natu	ew Mexico	s Danartmant		Revised July 9, 2024		
Submit E	lectronically		Elic	<b>-</b>	IL CONSERVA		-			☐ Initial Submittal	
Via OCD	Permitting			U	IL CONSERVA	ATION DIVIS	SION	Subr		Amended Report	
								Туре		As Drilled	
					WELL LOCATION	INFORMATIO	N				
API Nu 30-0	mber 115-53552		Pool Code 98220		Pool Nan PURP	ne LE SAGE; WOLFO	CAMP				
Propert 3338			Property Name	POK	ER LAKE UNIT 13-24	PC			Well	l Number 8H	
ORGIE 3730			Operator Name	XTO	PERMIAN OPERATII	NG, LLC.				ınd Level Elevation   12'	
Surface	Owner:	State  F	ee 🗌 Tribal 🛚	Federal		Mineral Owner:	State Fee T	ribal 🗶 F	ederal		
					Surface	Location					
UL H	Section 13	Townshi	Range 29 E	Lot	Ft. from N/S 2,420' FNL	Ft. from E/W 996' FEL	Latitude 32.218148	Longitud	le 032721	County EDDY	
11	13	24 3	29 E		<u>'</u>	ole Location	JZ.Z 10140	-103.8	,UL1	2001	
UL	Section	Townshi		Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitud	le	County	
	1	24 S	29 E	1	280' FNL	391' FEL	32.253176	-103.9	30828	EDDY	
Dadios	ted Acres	Infill or D	efining Well	Dafin:-	ng Well ADI	Overlanning Specie	a Unit (V/N) Cores	lidation Co	vde		
719.		Infill or D	efining Well		ng Well API 001554015	Overlapping Spacin Y	g Unit (Y/N) Conso	пааной Со	nie		
Order N	Numbers.					Well setbacks are un	nder Common Ownershi	ip: 🛛 Yes	. □ No	)	
	l a .:					Point (KOP)		T			
UL H	Section 13	Townshi	P Range 29 E	Lot	Ft. from N/S 2,420' FNL	Ft. from E/W 996' FEL	Latitude 32.218148	Longitud		County EDDY	
					First Take	Point (FTP)	I				
UL H	Section 13	Townshi 24 S	P Range 29 E	Lot	Ft. from N/S 1,920' FNL	Ft. from E/W 391' FEL	Latitude 32.219515	Longitude 5 -103.93076		County	
						Point (LTP)					
UL	Section	Townshi	, , ,	Lot	Ft. from N/S	Ft. from E/W Latitude Longitude County					
	1	24 S	29 E	1	330' FNL	391' FEL	32.253039	-103.9	30827	EDDY	
Unitize	d Area or Are	ea of Unifor	m Interest	Spacir	ng Unit Type 👿 Horizon	ntal   Vertical	Ground Flo	or Elevatio	on:		
			M105422429	Space	Tionzon	That Totalean			3,11	12'	
OPE	RATOR C	ERTIFIC	ATIONS			SURVEYOR	CERTIFICATION	NS			
					e and complete to the either owns a working		hat the well location sh urveys made by me or u				
interesi	or unleased	mineral inte	rest in the land in	cluding t	he proposed bottom hole want to a contract with	is true and corre	ct to the best of my beli W MEXICO PROFESSIONAL S	ef.	•		
an own	er of such a n	nineral or w	orking interest, o	r to a voli	ıntary pooling	21209, DO HEREBY (	CERTIFY THAT THIS SURVEY THE GROUND UPON WHICH ME OR UNDER MY DIRECT	PLAT AND 1	THE	C. PAPA	
	·				ed by the division.	THAT I AM RESPONSI MEETS THE MINIMUM	BLE FOR THIS SURVEY, THA STANDARDS FOR SURVEYING TRUE AND CORRECT TO T	AT THIS SUR G IN NEW	VEY 🔨	CM MEXICON	
the con	sent of at leas	st one lessee	or owner of a wo	rking inte	ganization has received erest or unleased mineral	MY KNOWLEDGE AND	BELIEF. 4 Sept 3	3E31 OF		4,000	
comple	ted interval w				tich any part of the well's y pooling form the	1 Jun		_,		21209	
divisio	1.					TIM C. PAPPAS REGISTERED PROFESS	SIONAL LAND SURVEYOR	_	B		
Ma	inoj Ve	nkates	h	09/1	1/24	STATE OF NEW MEXIC	JU NO. 21209		•	STONAL SURVEY	
Signatu	•			Date		Signature and Sea	l of Professional Survey				
Man	oj Venk	atesh									
Printed	Name					Certificate Number	er Date of S	Survey			
man	oi.venk	atesh@	exxonmol	oil.co	m	TIM C. PAPPA	AS 21209 7/2	8/2023			
	Address		2,0,0,,,,,,				1/20	U12U2U			
	Note: No al	lowable wil	l be assigned to	this come	eletion until all interests	 have been consolidat	ed or a non-standard u	nit has bee	n appro	oved by the division.	
			8 - 13 '	··· P					11.0	•	

FSCINC BURVEYORS+ENGINEERS

2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
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DATE: DRAWN BY: CHECKED BY: FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: SCALE: SHEET: 2023060323

REVISION:

1 OF 2 NO

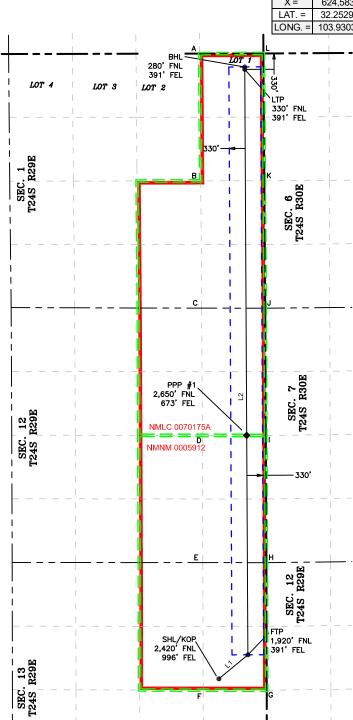
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



	<u>LINE TABLE</u>								
LINE	AZIMUTH	LENGTH							
L1	50° 23'43"	783.72'							
L2	359' 41'29''	12,245.46'							

	COORDINATE TABLE									
SHL/F	KOP (NAD 83	NME)	F	TP (NAD 83 NM	E)	PPI	P #1 (NAD 83 NI	VE)		
Y =	443,327.1	N	Y =	443,826.8	N	Y =	448,397.3	N		
X =	665,228.0	Е	X =	665,831.8	Е	X =	665,807.2	Е		
LAT. =	32.218148	°N	LAT. =	32.219515	°N	LAT. =	32.232079	°N		
LONG. =	103.932721	°W	LONG. =	103.930763	°W	LONG. =	103.930787	°W		
LT	P (NAD 83 NN	1E)	BI	HL (NAD 83 NM	E)					
Y =	456,022.0	N	Y =	456,072.0	N					
X =	665,766.2	Е	X =	665,765.8	Е					
LAT. =	32.253039	°N	LAT. =	32.253176	°N					
LONG. =	103.930827	°W	LONG. =	103.930828	°W					
SHL/	KOP (NAD 27	NME)	FTP (NAD 27 NME)			PPI	P #1 (NAD 27 NI	VE)		
Y =	443,267.8	N	Y =	443,767.4	N	Y =	448,337.8	N		
X =	624,044.5	Е	X =	624,648.3	Е	X =	624,623.9	Е		
LAT. =	32.218024	°N	LAT. =	32.219391	°N	LAT. =	32.231955	°N		
LONG. =	103.932232	°W	LONG. =	103.930274	°W	LONG. =	103.930298	°W		
LT	P (NAD 27 NN	1E)	BI	HL (NAD 27 NM	E)					
Y =	455,962.4	N	Y =	456,012.4	N					
X =	624,583.1	Е	X =	624,582.8	Е					
LAT. =	32.252915	°N	LAT. =	32.253052	°N					
LONG. =	103.930337	°W	LONG. =	103.930337	°W					



CORNER COORDINATES (NAD83 NME)								
A - Y =	456,350.0	N	A-X=	664,827.9	Е			
B - Y =	453,698.2	N	B - X =	664,849.6	Е			
C - Y =	451,048.8	Ν	C - X =	664,870.9	Е			
D - Y =	448,398.4	N	D - X =	664,882.2	Е			
E-Y=	445,747.4	N	E - X =	664,894.3	Е			
F-Y=	443,091.0	Ν	F - X =	664,900.3	Е			
G-Y=	443,088.1	N	G-X=	666,224.6	Е			
H-Y=	445,746.5	N	H-X=	666,218.3	Е			
I-Y=	448,396.9	Ν	I - X =	666,205.3	Е			
J - Y =	451,046.7	Ν	J - X =	666,193.9	Е			
K - Y =	453,699.9	Ν	K - X =	666,174.6	Е			
L - Y =	456,352.9	Ζ	L - X =	666,154.8	Е			
C	RNER COO	RDII	NATES (1	NAD27 NME)				
A - Y =	456,293.2	Ν	A - X =	624,971.7	Е			
B - Y =	453,640.3	Ν	B - X =	624,991.5	Е			
C - Y =	450,987.1	Ν	C - X =	625,010.6	Е			
D - Y =	448,337.4	Ν	D - X =	625,022.0	Е			
E - Y =	445,687.1	Ν	E - X =	625,034.9	Е			
F - Y =	443,028.8	Ν	F - X =	625,041.0	Е			
G-Y=	443,028.8	Ν	G - X =	625,041.0	Е			
H-Y=	445,687.1	N	H-X=	625,034.9	Е			
I-Y=	448,337.4	N	I - X =	625,022.0	Е			
J - Y =	450,987.1	Ν	J - X =	625,010.6	Е			
K - Y =	453,640.3	Ν	K - X =	624,991.5	Е			
L - Y =	456,293.2	Ν	L - X =	624,971.7	Е			

SEC 1	LOT	ACREA	GE TABLE
LOT	1 -	39.94	ACRES
LOT	2 -	39.83	ACRES
LOT	3 -	39.72	ACRES
LOT	4 -	39.61	ACRES



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DATE:
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FIELD CREW:

9-3-2024 LM CH IR PROJECT NO: 2 SCALE: SHEET: REVISION:

2023060323 1" = 2,000' 2 OF 2 NO

2016 SAMANTHA BASS FAMILY TRUST	201 MAIN STREET SUITE 2700	EODT WODT!!			Key
2016 SAMANTHA BASS FAMILY TRUST	201 MAIN STREET SUITE 2700				
		FORT WORTH	76102	TX	US
		FORT WORTH	76102	TX	US
	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
CTV-SRB II BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
THRU LINE BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
SRBI I BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
SRBI II BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
KEYSTONE (RMB) BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
KEYSTONE (CTAM) BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
LMBI I BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
LMBI II BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
BMT I BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
BMT II BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	76102	TX	US
CHEVRON USA INC.	1400 SMITH STREET	HOUSTON	77002	TX	US
MOUNTAIN LION OIL AND GAS, LLC	7941 KATY FREEWAY, 3 117	HOUSTON	77024	TX	US
VATEX HOLDING, LLC	1204 WEST 7TH ST. #200	FORT WORTH	76102	TX	US
STONETEX DIAMOND, LLC	12377 MERIT DRIVE, SUITE 777	DALLAS	75251	TX	US
MCMULLEN MINERALS, LLC	2821 WEST 7TH ST., SUITE515	FORT WORTH	76107	TX	US
PEGASUS RESOURCES, LLC	P.O. BOX 470698	FORT WORTH	76147	TX	US
WEST BEND ENERGY PARTNERS, LLC	P.O. BOX 472087	FORT WORTH	76147	TX	US
GGM EXPLORATION, INC.	P.O. BOX 123610	FORT WORTH	76121	TX	US
O.R. HALL ROYALTY, LLC	P.O. BOX 150530	OGDEN	84415	UT	US
ELLIOTT - HALL COMPANY	P.O. BOX 1328	SANTA FE	87504	NM	US
	P.O. BOX 797	PERRY	73077	OK	
	Unknown				
BETTY RUTH WRIGHT	Unknown				
BUREAU OF LAND MANAGEMENT	301 Dinosaur Trail	SANTA FE	87508	NM	US

**EXHIBIT 4** 



September 13, 2024

## <u>CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PARTIES

Re: Application of XTO Permian Operating, LLC for administrative approval to surface commingle (lease) oil and gas production from spacing units comprised of Sections 1, 12, 13, 24, Township 24 South, Range 29 East, NMPM, Eddy County, New Mexico (the "Lands")

To Whom It May Concern:

Enclosed is a copy of the above-referenced application, which was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty (20) days from the date this application is received by the Division's Santa Fe office located at 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

If you have any questions about this application, please contact the following:

Amanda Garcia XTO Permian Operating, LLC (505) 787-0508 Amanda.garcia@exxonmobil.com

Sincerely,

Amanda Garcia Amanda Garcia

NM Environmental & Regulatory Manager

Permian Business Unit

XTO Permian Operating, LLC. Amanda Garcia 6401Holiday Hill Road, Bldg 5 Midland, TX 79707 432-894-1588 amanda.garcia@exxonmobil.com

	F	Pierce Canyon - Postal Delivery Rep	port			
9589 0710 5270 1218 3217 00	2016 SAMANTHA BASS FAMILY TRUST	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	2016 HYATT BASS FAMILY TRUST	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	BEPCO, L.P.	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	CTV-LMB I BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	CTV-LMB II BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	CTV-CTAM BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	CTV-SRB I BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	CTV-SRB II BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	THRU LINE BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3217 00	SRBI I BPEOR NM, LLC	201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024

9589 0710 5270 1218 3217 00		201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified
,30,0,1032,01210321,00		2011/// 411/2111/221 3311/22/33			70102	Mail 9.16.2024
	SRBI II BPEOR NM, LLC					
9589 0710 5270 1218 3217 00		201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified
	KEYSTONE (RMB) BPEOR NM,					Mail 9.16.2024
	LLC					
9589 0710 5270 1218 3217 00		201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified
	KEYSTONE (CTAM) BPEOR					Mail 9.16.2024
	NM, LLC					
9589 0710 5270 1218 3217 00		201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified
						Mail 9.16.2024
	LMBI I BPEOR NM, LLC					
9589 0710 5270 1218 3217 00		201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified
						Mail 9.16.2024
	LMBI II BPEOR NM, LLC					
9589 0710 5270 1218 3217 00		201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified
						Mail 9.16.2024
	BMT I BPEOR NM, LLC					
9589 0710 5270 1218 3217 00		201 MAIN STREET SUITE 2700	FORT WORTH	TX	76102	Notification sent Certified
						Mail 9.16.2024
	BMT II BPEOR NM, LLC					
9589 0710 5270 1218 3211 68	CHEVRON USA INC.	1400 SMITH STREET	HOUSTON	TX	77002	Notification sent Certified
						Mail 9.16.2024
9589 0710 5270 1218 3211 75		7941 KATY FREEWAY, 3 117	HOUSTON	TX	77024	Notification sent Certified
	MOUNTAIN LION OIL AND					Mail 9.16.2024
	GAS, LLC	4004444707777407			7/100	11.00
9589 0710 5270 1218 3212 43		1204 WEST 7TH ST. #200	FORT WORTH	TX	76102	Notification sent Certified Mail 9.16.2024
	VATEVIJO! DING I I C					IVIdil 7.10.2024
	VATEX HOLDING, LLC					

9589 0710 5270 1218 3212 36	STONETEX DIAMOND, LLC	12377 MERIT DRIVE, SUITE 777	DALLAS	TX	75251	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3212 50	MCMULLEN MINERALS, LLC	2821 WEST 7TH ST., SUITE515	FORT WORTH	TX	76107	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3212 67		P.O. BOX 470698	FORT WORTH	TX	76147	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3212 74	PEGASUS RESOURCES, LLC  WEST BEND ENERGY  PARTNERS, LLC	P.O. BOX 472087	FORT WORTH	TX	76147	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3212 81	GGM EXPLORATION, INC.	P.O. BOX 123610	FORT WORTH	TX	76121	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3212 98	O.R. HALL ROYALTY, LLC	P.O. BOX 150530	OGDEN	UT	84415	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3213 04	ELLIOTT - HALL COMPANY	P.O. BOX 1328	SANTA FE	NM	87504	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3213 11	GEORGE W. HALL	P.O. BOX 797	PERRY	OK	73077	Notification sent Certified Mail 9.16.2024
9589 0710 5270 1218 3213 28	BUREAU OF LAND MANAGEMENT	301 Dinosaur Trail	SANTA FE	NM	87508	Notification sent Certified Mail 9.16.2024

From: McClure, Dean, EMNRD on behalf of Engineer, OCD, EMNRD

To: amanda.garcia@exxonmobil.com; Riley, Heather /C

Cc: McClure, Dean, EMNRD; Clelland, Sarah, EMNRD; Rikala, Ward, EMNRD; Wrinkle, Justin, EMNRD; Powell, Brandon,

EMNRD; kparadis@blm.gov; cwalls@blm.gov

Subject:Approved Administrative Order CTB-1120Date:Wednesday, March 12, 2025 11:43:15 AM

Attachments: CTB1120 Order.pdf

NMOCD has issued Administrative Order CTB-1120 which authorizes XTO Permian Operating, LLC (373075) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-015-54010	Poker Lake Unit 13 1 PC #105H	E/2	13-24S-29E	09220
30-015-54010	Poker Lake Unit 13 1 PC #105H	E/2	24-24S-29E	98220
30-015-53565	Poker Lake Unit 13 1 PC #107H	E/2	13-24S-29E	98220
30-013-33303	Poker Lake Unit 13 1 PC #10/H	E/2	24-24S-29E	98220
30-015-54012	Poker Lake Unit 13 1 PC #116H	E/2	13-24S-29E	98220
30-013-34012	Foker Lake Ullit 13 1 FC #110H	E/2	24-24S-29E	90220
30-015-53563	Poker Lake Unit 13 1 PC #118H	E/2	13-24S-29E	98220
30-013-33303	Poker Lake Unit 13 1 PC #116H	E/2	24-24S-29E	98220
30-015-53562	Poker Lake Unit 13 1 PC #125H	E/2	13-24S-29E	98220
30-013-33302	Foker Lake Ullit 13 1 FC #125H	E/2	24-24S-29E	90220
30-015-53554	Poker Lake Unit 13 1 PC #127H	E/2	13-24S-29E	98220
30-013-33334	Toket Lake Ullit 13 1 1 C #12/11	E/2	24-24S-29E	70220
30-015-53560	Poker Lake Unit 13 1 PC #158H	E/2	13-24S-29E	98220
	Toket Lake Ullit 13 1 1 C #13011	E/2	24-24S-29E	90220
30-015-54013	Poker Lake Unit 13 1 PC #165H	E/2	13-24S-29E	98220
30-013-34013		E/2	24-24S-29E	90220
30-015-54014	Poker Lake Unit 13 1 PC #167H	E/2	13-24S-29E	98220
30-013-34014	Poker Lake Unit 13 1 PC #16/H	E/2	24-24S-29E	90220
		<b>SE/4</b>	1-24S-29E	_
30-015-54359	Poker Lake Unit 13 24 PC #106H	E/2	12-24S-29E	98220
		NE/4	13-24S-29E	
		SE/4	1-24S-29E	
30-015-53557	Poker Lake Unit 13 24 PC #116H	E/2	12-24S-29E	98220
		NE/4	13-24S-29E	
		SE/4	1-24S-29E	
30-015-54358	Poker Lake Unit 13 24 PC #125H	E/2	12-24S-29E	98220
		NE/4	13-24S-29E	
		SE/4	1-24S-29E	
30-015-54357	Poker Lake Unit 13 24 PC #165H	E/2	12-24S-29E	98220
		NE/4	13-24S-29E	

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

#### AFFIDAVIT OF PUBLICATION

CARLSBAD CURRENT-ARGUS PO BOX 507 HUTCHINSON, KS 67504-0507

STATE OF NEW MEXICO }
COUNTY OF EDDY }

Account Number: 1099

Ad Number: 14560

Description: OGRID #373075

Ad Cost:

\$170.97

Nicole Bitton, being first duly sworn, says:

That she is the Agent of the the Carlsbad Current-Argus, a Weekly newspaper of general circulation, printed and published in Carlsbad, Eddy County, New Mexico; that the publication, a copy of which is attached hereto, was published in said newspaper on the following dates:

SS

September 19, 2024

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

NBitton

Agent

Subscribed to and sworn to me this 19<sup>th</sup> day of September 2024<sub>a</sub>

Notary Public

시 County .

D#: 1076338

My commission expires: \_

POMINE

LATISHA ROMINE
Notary Public, State of New Mexico
Commission No. 1076338
My Commission Expires
05-12-2027

JENNIFER THAMES-RAMPONE 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707

#### NOTICE

TO: ALL AFFECTED PARTIES, INCLUDING: 2016 SAMANTHA BASS FAMILY TRUST, 2016 HYATT BASS FAMILY TRUST, 2016 HYATT BASS FAMILY TRUST, BEPCO, L.P., CTV-LMB I BPEOR NM, LLC, CTV-LMB II BPEOR NM, LLC, CTV-SRB II BPEOR NM, LLC, CTV-SRB II BPEOR NM, LLC, CTV-SRB II BPEOR NM, LLC, SRBI II BPEOR NM, LLC, SRBI II BPEOR NM, LLC, SRBI II BPEOR NM, LLC, KEYSTONE (CTAM) BPEOR NM, LLC, LMBI I BPEOR NM, LLC, LMBI II BPEOR NM, LLC, BMT II BPEOR NM, LLC, BMT II BPEOR NM, LLC, BMT II BPEOR NM, LLC, CHEVRON USA INC., MOUNTAIN LION OIL AND GAS, LLC, VATEX HOLDING, LLC. STONETEX DIAMOND, LLC, MCMULLEN MINERALS, LLC, PEGASUS RESOURCES, LLC, WEST BEND ENERGY PARTNERS, LLC, GGM EXPLORATION, INC., O.R. HALL ROYALTY, LLC, ELLIOTT - HALL COMPANY, WILMA JUNE MORGAN, BETTY RUTH WRIGHT, GEORGE W. HALL, DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANGEMENT

Application of XTO Permian Operating, LLC (OGRID No. 373075) (XTO), pursuant to 19.15.12.10 NMAC, seeks administrative approval to surface commingle (lease) diversely owned oil and gas production at the Poker Lake Unit 13 PC Central Vessel Battery (CVB) insofar as all existing and future wells drilled in the following spacing units:

(a) The 640-acre, more or less, spacing unit comprised of E/2 of Sections 13 and 24, in the Purple Sage; Wolfcamp Gas Pool [98220] currently dedicated to the following wells:

Poker Lake Unit 13-1 PC 105H (API 3001554010); Poker Lake Unit 13-1 PC 107H (API 3001553565); Poker Lake Unit 13-1 PC 116H (API 3001554012); Poker Lake Unit 13-1 PC 118H (API 3001553563); Poker Lake Unit 13-1 PC 125H (3001553562); Poker Lake Unit 13-1 PC 127H (API 3001553554); Poker Lake Unit 13-1 PC 158H (API 3001553560); Poker Lake Unit 13-1 PC 158H (API 3001553560); Poker Lake Unit 13-1 PC 167H (API 3001554014).

(b) The 719,94-acre, more or less, spacing unit comprised of NE/4 of Section 13, E/2 of Section 12 and the SE/4, Lot 1, SE/4NE/4 of Section 1, in the Purple Sage; Wolfcamp Gas Pool [98220] currently dedicated to the following wells:

Poker Lake Unit 13-24 PC 106H (API 3001554359): Poker Lake Unit 13-24 PC 108H (API 3001553558); Poker Lake Unit 13-24 PC 116H (API 3001553557); Poker Lake Unit 13-24 PC 118H (API 3001553556); Poker Lake Unit 13-24 PC 125H (API 3001554358); Poker Lake Unit 13-24 PC 127H (API 3001553553); Poker Lake Unit 13-24 PC 165H (API 3001554357); Poker Lake Unit 13-24 PC 166H (API 3001554015); Poker Lake Unit 13-24 PC 166H (API 3001553552)

(c) Pursuant to 19.15.12.10.C(4)(g), from all future additions of pools, leases or leases and pools to the Poker Lake Unit 13 PC Central Vessel Battery with notice provided only to the owners of interests to be added.

Any objection to this application must be filed in writing within twenty (20) days from the date of publication with the New Mexico Oil Conservation Division. 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division. If you have any questions about this application, please contact Amanda Garcia. XTO Energy, Inc., (505) 787-0508 or Amanda,garcia@exxonmobil.com.

14560-Published in the Carlsbad Current-Argus on Sep 19, 2024.



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report

Well Name: POKER LAKE UNIT 13-24 Well Location: County or Parish/State:

PC

Well Number: 106H Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMNM05912 Unit or CA Name: POKER LAKE UNIT Unit or CA Number:

NMNM71016X

LLC

## **Notice of Intent**

**Sundry ID: 2838125** 

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/24/2025 Time Sundry Submitted: 09:31

Date proposed operation will begin: 02/21/2025

**Procedure Description:** XTO Permian Operating LLC. respectfully requests your approval for changing of dedicated acreage on the attached C-102.

# **NOI Attachments**

## **Procedure Description**

Page 1 of 2

Well Name: POKER LAKE UNIT 13-24 Well Location: County or Parish/State:

PC

Well Number: 106H Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

VELL

Lease Number: NMNM05912 Unit or CA Name: POKER LAKE UNIT Unit or CA Number:

NMNM71016X

LLC

# **Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: KRISTEN HOUSTON Signed on: FEB 24, 2025 09:30 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND State: TX

Phone: (432) 620-6700

Email address: KRISTEN.HOUSTON@EXXONMOBIL.COM

	_	
-		
		$\sim$

**Representative Name:** 

**Street Address:** 

City: State: Zip:

Phone:

**Email address:** 

Form 3160-5 (June 2019)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

BUR	EAU OF LAND MANAGEMEN	5. Lease Serial No.			
Do not use this t	IOTICES AND REPORTS ON form for proposals to drill on Use Form 3160-3 (APD) for s	r to re-enter an	6. If Indian, Allottee or Tribe	Name	
SUBMIT IN	TRIPLICATE - Other instructions on p	page 2	7. If Unit of CA/Agreement, 1	Name and/or No.	
1. Type of Well Gas V	Vell Other		8. Well Name and No.		
2. Name of Operator			9. API Well No.		
3a. Address	3b. Phone N	No. (include area code)	10. Field and Pool or Explora	ntory Area	
4. Location of Well (Footage, Sec., T., R	R.,M., or Survey Description)		11. Country or Parish, State		
12. CHE	CK THE APPROPRIATE BOX(ES) TO	INDICATE NATURE (	OF NOTICE, REPORT OR OT	HER DATA	
TYPE OF SUBMISSION		TYPI	E OF ACTION		
Notice of Intent	Alter Casing H	eepen ydraulic Fracturing	Production (Start/Resume) Reclamation	Well Integrity	
Subsequent Report		ew Construction   lug and Abandon	Recomplete Temporarily Abandon	Other	
Final Abandonment Notice		lug Back	Water Disposal		
is ready for final inspection.)	true and correct. Name (Printed/Times)	icits, including rectama	non, nave occir completed and	the operator has determined that the site	
14. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)	Title			
Signature		Date			
<u> </u>	THE SPACE FOR FE		TE OFICE USF		
Approved by					
		Title		Date	
	hed. Approval of this notice does not war equitable title to those rights in the subject duct operations thereon.				
Title 18 U.S.C Section 1001 and Title 4	3 U.S.C Section 1212, make it a crime for	r any person knowingly	and willfully to make to any d	epartment or agency of the United States	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United State any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

#### **GENERAL INSTRUCTIONS**

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

#### SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

#### **NOTICES**

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

# **Additional Information**

**Location of Well** 

<u>C-10</u>	)2		Fne	rov N		ew Mexico ral Resources I	Denartn	nent			Revised July 9, 2024
	Electronically		Lik			ATION DIVISION		icit			] Initial Submittal
Via OCE	Permitting			O	IL CONSLICT	THOIN DIVISIO	011		Submitt Type:	tal	Amended Report
									-71	×	As Drilled
					WELL LOCATION						
API N 30-0	umber 015-54359		Pool Code 98220		Pool Nan PURP	ne LE SAGE; WOLFCAN	MP				
	ty Code 3842		Property Name	POK	ER LAKE UNIT 13-24	PC				Well N	Number H
ORGII 373			Operator Name	ХТО	PERMIAN OPERATIN	NG, LLC.				Groun-	d Level Elevation 14'
Surfac	e Owner:	State   F	ee 🗌 Tribal 🔀	Federal		Mineral Owner:	State   I	Fee  Triba	l 🛛 Fed	eral	
					Surface	Location					
UL G	Section 13	Townshi 24 S	.	Lot	Ft. from N/S 2,459' FNL	Ft. from E/W 2,160' FEL	Latitude 32.218		ongitude -103.936	2405	County EDDY
<u> </u>	13	24 3	29 E		,	ole Location	32.210		-103.930	J465	EDDT
UL	Section	Townshi	.   -	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	-005	County
J	1	24 S	29 E		2,420' FSL	1,996' FEL	32.246	)41	-103.93	5988	EDDY
Dedica 64	nted Acres	1	efining Well FILL		g Well API 015-53557	Overlapping Spacing U	Init (Y/N)	Consolida U	tion Code	;	
Order	Numbers.					Well setbacks are under	r Common	Ownership:	X Yes [	] No	
					Kick Off	Point (KOP)					
UL	Section	Townshi	p Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude		County
J	13	24 S	29 E		2,692' FSL	2,322' FEL	32.217	417	-103.937	7009	EDDY
UL	Section	Townshi	p Range	Lot	First Take Ft. from N/S	Point (FTP) Ft. from E/W	Latitude	Lo	ongitude		County
G	13	24 S	29 E		1,959' FNL	2,088' FEL	32.219		-103.936	5252	EDDY
		T		T -		Point (LTP)	T	1.			
UL J	Section 1	Townshi 24 S		Lot	Ft. from N/S 2,317' FSL	Ft. from E/W 1,998' FEL	Latitude 32.245		ongitude -103.93	5994	County EDDY
Unitiz	ed Area or Ar			Spacin	g Unit Type 🔀 Horizor	ntal 🗌 Vertical	Gı	ound Floor E	Elevation:	3,094	
		NIMINIV	1-105467880							0,001	
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR CI	ERTIFIC	CATIONS			
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.					I hereby certify that notes of actual surve is true and correct to 1, TIM C. PAPPAS, NEW M 21209, DO HEREBY CENT ACTUAL SURVEY ON THE WERE PERFORMED BY ME THAT I AM RESPONSIBLE MEETS THE MINIMUM STA	eys made by o the best of the best of the best of the ground up the for this sundards for the sundards for t	y me or unde f my belief. ESSIONAL SURV S SURVEY PLA' DN WHICH IT IS MY DIRECT SU JRVEY, THAT TH SURVEYING IN	PEYOR NO. T AND THE S BASED PERVISION; HIS SURVEY	ervision		
agreen		If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the				MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  21 Feb 2025  (21209)					
agreen  If this  the con interes	isent of at lea t in each trac eted interval v	st one lessee t (in the targ	or owner of a wo et pool or format	ion) in wh	ich any part of the well's	TIM C. PAPPAS			\.	PRO	21209
agreen  If this  the con  interes  comple	isent of at lea t in each trac eted interval v	st one lessee t (in the targ	or owner of a we et pool or format d or obtained a c	ion) in wh	ich any part of the well's	TIM C. PAPPAS REGISTERED PROFESSION STATE OF NEW MEXICO N	AL LAND SUR	VEYOR	\.	PROFFS	21209) S/ONAL SURVEY
agreen  If this  the con  interes  comple	nsent of at lea t in each trac eted interval v n.	st one lessee t (in the targ	or owner of a we et pool or format d or obtained a c	ion) in wh ompulsory	ich any part of the well's	REGISTERED PROFESSION	AL LAND SUR NO. 21209			PROFFS	
If this the con interest comple divisio	nsent of at lea t in each trac eted interval v n.	st one lessee t (in the targ vill be locate	or owner of a we et pool or format d or obtained a c	ion) in wh ompulsor <u>y</u>	ich any part of the well's	REGISTERED PROFESSION, STATE OF NEW MEXICO N	AL LAND SUR NO. 21209		\.	PROFES	
If this the con interes comple divisio	nsent of at lea t in each trac eted interval v n.	st one lessee t (in the targ vill be locate	or owner of a we et pool or format d or obtained a c	ion) in wh ompulsor <u>y</u>	ich any part of the well's	REGISTERED PROFESSION, STATE OF NEW MEXICO N	AL LAND SUR NO. 21209			PROFES	
If this the corinteres comple divisio	nsent of at lead to the each trace ted interval vn.  Liston Arman	st one lessee t (in the targ vill be locate	or owner of a we et pool or format d or obtained a c	ion) in wh ompulsor <u>y</u>	ich any part of the well's	REGISTERED PROFESSION. STATE OF NEW MEXICO N  Signature and Seal of	AL LAND SUR NO. 21209	al Surveyor	vey	PROFES	

2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPL5 Firm 10193887
www.fscinc.net
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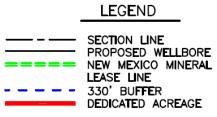
DATE: DRAWN BY: CHECKED BY: FIELD CREW:

2-21-2025 LM CH IR PROJECT NO: SCALE: SHEET: 2023060311

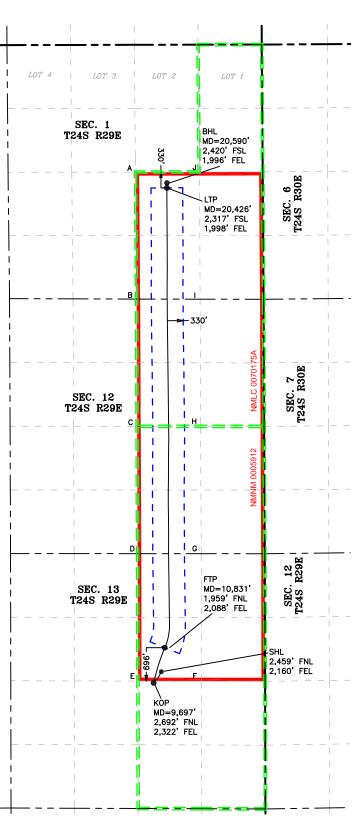
1 OF 2 NO REVISION:

This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



SEC 1	LC	T	ACREA	GE	TABL	Ε
LOT	1	_	39.94	AC	RES	
LOT	2	_	39.83	AC	RES	
LOT	3	_	39.72	AC	RES	
LOT	4	_	39.61	AC	RES	



SHL (I	NAD83 NME)			LTP (N	IAD83 NME)	
Y =	443,288.7			Y =	453,367.4	
X =	664,064.3			X =	664,178.7	
LAT. =	32.218054	°N		LAT. =	32.245758 °I	Ν
LONG. =	103.936485	°W		LONG. =	103.935994 °V	W
КОР (	NAD83 NME)			BHL (N	NAD83 NME)	
Y =	443,056.3			Y =	453,470.3	
X =	663,902.8			X =	664,180.1	
LAT. =	32.217417	°N		LAT. =	32.246041 °I	N
LONG. =	103.937009	°W		LONG. =	103.935988 °\	
FTP (I	NAD83 NME)					
Y =						
X =	•					
LAT. =	32.219428	°N				
LONG. =	103.936252					
			INA	TES (NAD83	NME)	
A - Y =	453,696.5			X =	663,524.5 E	
B - Y =			,	X =	663,547.9 E	
C - Y =	,			X =	663,559.1 E	
D-Y=			,	X =		
E-Y=	,		,	X =	•	
F-Y=	•		,	X =	664,900.3 E	
G-Y=	445,747.4		,	X =	664,894.3 E	
H-Y=	•		,	X =		
	,		,		,	
I - Y =	•		,	X =	664,870.9 E	
J - Y =	•	N	,	X =	664,849.6 E	
1	NAD27 NME)			=	NAD27 NME)	
Y =	443,229.3			Υ =	•	
X =	622,880.8			X =	•	
LAT. =				LAT. =	32.245634 °I	
LONG. =		٠W		LONG. =		W
1	NAD27 NME)			-	NAD27 NME)	
Y =	,			Y =	,	
X =	,			X =	622,996.9	
LAT. =				LAT. =	32.245917 °I	
LONG. =		°W		LONG. =	103.935498 °\	W
FTP (I	NAD27 NME)					
Y =	,					
X =						
LAT. =	32.219304	°N				
LONG. =	103.935763	°W				
	CORNER CO	ORD	INA	ATES (NAD27	NME)	
A - Y =	453,636.9	Ν	,	X =	622,341.4 E	
B - Y =	450,991.4	Ν	,	X =	622,364.7 E	
C - Y =	448,340.4	Ν	,	X =	622,375.8 E	
D - Y =	445,688.8	Ν	,	X =	622,386.8 E	
E - Y =	443,034.6	N	,	X =	622,392.5 E	
F - Y =	443,031.7	N	,	X =	623,716.8 E	
G - Y =	445,687.9	N	,	X =	623,710.9 E	
H - Y =	448,338.9	N	,	X =	623,698.9 E	
I - Y =	450,989.3	N	,	X =	623,687.7 E	
J - Y =	453,638.6	N		X =	623,666.4 E	



 DATE:
 2-21-2025
 PROJECT NO:
 2023060311

 DRAWN BY:
 LM
 SCALE:

 CHECKED BY:
 CH
 SHEET:
 2 OF 2

 FIELD CREW:
 IR
 REVISION:
 NO



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Reported

Well Name: POKER LAKE UNIT 13-24 Well Location: T24S / R29E / SEC 13 / County or Parish/State: EDDY /

PC SWNE / 32.21826 / -103.936435 NM

Well Number: 116H Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMNM05912 Unit or CA Name: POKER LAKE UNIT Unit or CA Number:

NMNM71016X

US Well Number: 300155355700X1 Operator: XTO PERMIAN OPERATING LLC

# Notice of Intent

**Sundry ID:** 2838120

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/24/2025 Time Sundry Submitted: 09:24

Date proposed operation will begin: 02/21/2025

**Procedure Description:** XTO Permian Operating LLC. respectfully requests your approval for changing of dedicated acreage on the attached C-102.

# **NOI Attachments**

## **Procedure Description**

Page 1 of 2

well Name: POKER LAKE UNIT 13-24 PC

Well Location: T24S / R29E / SEC 13 / SWNE / 32.21826 / -103.936435

County or Parish/State: Page 63 of 100

**Allottee or Tribe Name:** 

Well Number: 116H

Type of Well: CONVENTIONAL GAS

Lease Number: NMNM05912 Unit or CA Name: POKER LAKE UNIT **Unit or CA Number:** 

NMNM71016X

**US Well Number: 300155355700X1 Operator: XTO PERMIAN OPERATING** 

LLC

# **Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

**Operator Electronic Signature: KRISTEN HOUSTON** Signed on: FEB 24, 2025 09:22 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND State: TX

Phone: (432) 620-6700

Email address: KRISTEN.HOUSTON@EXXONMOBIL.COM

# **Field**

**Representative Name:** 

**Street Address:** 

City:

State:

Zip:

Phone:

**Email address:** 

Form 3160-5 (June 2019)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 202

BURI	5. Lease Serial No.						
Do not use this t	IOTICES AND REPC form for proposals t Use Form 3160-3 (A	o drill or to re-	enter an				
SUBMIT IN T	TRIPLICATE - Other instru	ıctions on page 2		7. If Unit of CA/Agreement	Name and	l/or No.	
1. Type of Well  Oil Well  Gas W	Vell Other			8. Well Name and No.			
2. Name of Operator			9. API Well No.				
3a. Address		3b. Phone No. (inclu	de area code)	10. Field and Pool or Exploratory Area			
4. Location of Well (Footage, Sec., T.,R	R.,M., or Survey Description)			11. Country or Parish, State			
12. CHE	CK THE APPROPRIATE BO	OX(ES) TO INDICAT	ΓΕ NATURE	OF NOTICE, REPORT OR O	THER DA	ΓΑ	
TYPE OF SUBMISSION			TYP	E OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Hydraulic 1	Fracturing	Production (Start/Resume		Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair	New Const	_	Recomplete	_	Other	
Subsequent Report	Change Plans	Plug and A	bandon	Temporarily Abandon			
Final Abandonment Notice	Convert to Injection	Plug Back		Water Disposal			
is ready for final inspection.)	two and someth News (D.)	utod/Timed)					
14. I hereby certify that the foregoing is	true and correct. Name (Pri	nted/Typed)   Title					
		Title					
Signature		Date	:				
	THE SPACE	FOR FEDERA	L OR STA	ATE OFICE USE			
Approved by							
			Title		Date		
Conditions of approval, if any, are attack certify that the applicant holds legal or ewhich would entitle the applicant to con	equitable title to those rights i		Office		'		
Title 18 U.S.C Section 1001 and Title 43	3 U.S.C Section 1212, make	it a crime for any pers	son knowingl	y and willfully to make to any	departmen	t or agency of the United States	

any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

#### **GENERAL INSTRUCTIONS**

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

#### SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

#### **NOTICES**

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

## **Additional Information**

#### **Location of Well**

0. SHL: SWNE / 2459 FNL / 2280 FEL / TWSP: 24S / RANGE: 29E / SECTION: 13 / LAT: 32.21826 / LONG: -103.936435 ( TVD: 0 feet, MD: 0 feet ) PPP: NWSE / 2740 FNL / 1650 FEL / TWSP: 24S / RANGE: 29E / SECTION: 13 / LAT: 32.217276 / LONG: -103.934837 ( TVD: 10541 feet, MD: 10891 feet ) BHL: NWSE / 2368 FSL / 1656 FEL / TWSP: 24S / RANGE: 29E / SECTION: 1 / LAT: 32.196199 / LONG: -103.93481 ( TVD: 10541 feet, MD: 18559 feet )

<u>C-10</u>	)2		Ene	rgy, N		Iew Mexico Iral Resources I	Departi	ment			Revised July 9, 2024
	lectronically Permitting			<b>-</b>	OIL CONSERVATION DIVISION  Submittal Type: Am						Initial Submittal Amended Report As Drilled
WELL LOCATION INFORMATION											
API Ni	umber 015-53557		Pool Code 98220		Pool Nar	me PLE SAGE: WOLFCAN	MP				
Proper	ty Code 8842		Property Name	POKI	ER LAKE UNIT 13-24	,	···			Well 1	Number
ORGII	O No.		Operator Name	ХТО	PERMIAN OPERATII	NG, LLC.				Groun	d Level Elevation
3730 Surface		State   F	ee □ Tribal 🛛	Federal		Mineral Owner:	State $\square$	Fee ☐ Triba	l ⊠ Fea	3,09	93'
		<u> </u>	<u> </u>	1 0001111	Surface	Location	<u> </u>	7 to	. 🔼 100		
UL G	Section 13	Townshi 24 S	.   -	Lot	Ft. from N/S 2.459' FNL	Ft. from E/W 2,280' FEL	Latitude 32.218		ongitude -103.93	6873	County EDDY
	10	240	20 L			ole Location	52.210	5000	100.00	.0075	
UL J	Section 1	Townshi 24 S	.	Lot	Ft. from N/S 2,426' FSL	Ft. from E/W 1,645' FEL	Latitude 32.246		ngitude -103.93	4852	County EDDY
Dedica	ited Acres	Infill or D	efining Well	Definin	ig Well API	Overlapping Spacing U	Init (Y/N)	Consolida	tion Cod	e	
64	0	1	FINING		015-53557	Y		U			
Order 1	Numbers.					Well setbacks are unde	r Common	Ownership:	X Yes	□ No	
					Kick Off	Point (KOP)					
UL J	Section 13	Townshi 24 S	.   .	Lot	Ft. from N/S 2,623' FSL	Ft. from E/W 1,901' FEL	Latitude 32.217		ongitude -103.93	5648	County EDDY
						Point (FTP)					
UL G	Section 13	Townshi 24 S	.   -	Lot	Ft. from N/S 1,959' FNL	Ft. from E/W 1,712' FEL	22.219		ongitude 103.93	5035	County EDDY
						Point (LTP)					
UL J	Section 1	Townshi 24 S	.   -	Lot	Ft. from N/S 2,318' FSL	Ft. from E/W 1,647' FEL	32.245		ngitude -103.93	4857	County
Unitize	ed Area or Are		m Interest 1-105467880	Spacin	g Unit Type 🔀 Horizo	ntal 🗌 Vertical	C	Ground Floor E	Elevation	: 3,093	3'
							·				
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR C	ERTIFI	CATIONS			
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.			I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY THAT THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.				C. PAPA  WEXICO  21209				
K	H notes	bousta	<u> </u>	<u>2/24/20</u>	)25	STATE OF NEW MEXICO N	NO. 21209			\cs	S/ONAL SURY
Signatu	ure		I	Date		Signature and Seal of	Profession	nal Surveyor			
	n Houston										
	Name n.houston( Address	@exxonn	nobil.com			Certificate Number TIM C. PAPPAS	21209	Date of Surv 2/21/20			
Linaii .		lowable wii	ll be assigned to t	his comp	letion until all interests	have been consolidated o	or a non-s	tandard unit l	has been	approv	ed by the division.



2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBP15 Firm 10193887
www.fscinc.net
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DATE: DRAWN BY: CHECKED BY: FIELD CREW:

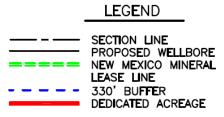
2-21-2025 LM CH IR

PROJECT NO: SCALE: SHEET: 2023060312

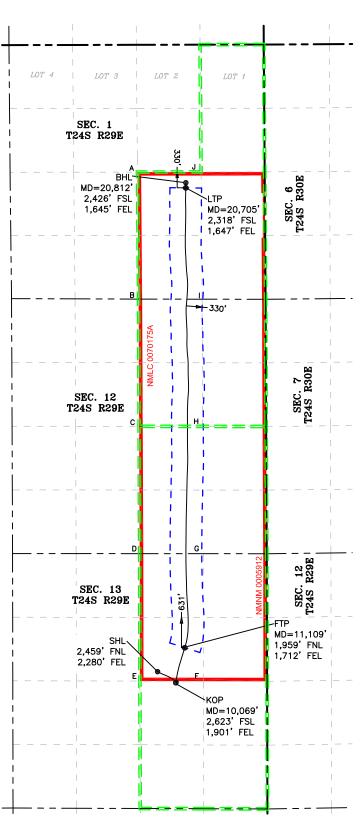
1 OF 2 NO REVISION:

This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



	SEC 1	L	OT.	ACREA	GE	TABL	Ε
	LOT	1	_	39.94	AC	RES	
	LOT	2	_	39.83	AC	RES	
	LOT	3	_	39.72	AC	RES	
	LOT	4	_	39.61	AC	RES	
ı							



Y = 443,288.96	SHL(	NAD83 NME)			LTP (N	AD83 NME)	
LAT. = 32.218056	Y =	443,288.96					
LAT. = 32.218056	X =	663,944.08			X =	664,530.3	
KOP (NAD83 NME)       BHL (NAD83 NME)         Y = 443,060.1       Y = 453,474.9         X = 664,323.7       X = 664,531.5         LAT. = 32.217423 °N       LAT. = 32.246050 °N         LONG. = 103.935648 °W       LONG. = 103.934852 °W         FTP (NAD83 NME)       Y = 443,788.6         X = 664,510.7       LAT. = 32.219424 °N         LONG. = 103.935035 °W       CORNER COORDINATES (NAD83 NME)         A - Y = 453,696.51 N , X = 663,524.51 E       B - Y = 451,050.99 N , X = 663,570.23 E         B - Y = 445,748.20 N , X = 663,570.23 E       E - Y = 443,093.92 N , X = 663,576.03 E         F - Y = 443,093.92 N , X = 664,890.29 E       G - Y = 445,747.36 N , X = 664,894.28 E         H - Y = 448,398.38 N , X = 664,894.28 E       H - Y = 448,398.38 N , X = 664,894.28 E         J - Y = 451,048.83 N , X = 664,894.58 E       SHL (NAD27 NME)         Y = 443,229.60 Y = 453,308.2       X = 623,347.1         LAT. = 32.21793201 °N LAT. = 32.245631 °N         LONG. = 103.9363843 °W       LONG. = 103.934367 °W         KOP (NAD27 NME)       Y = 443,000.8 Y = 453,415.3 X = 623,348.3         X = 623,140.2 X = 623,348.3       X = 623,348.3 X = 623,348.3         LAT. = 32.2179300 °N       LAT. = 32.245926 °N         LONG. = 103.934546 °W       CORNER COORDINATES (NAD27 NME)         Y = 443,636.88 N , X = 622,341.36 E	LAT. =	32.218056	°N		LAT. =		°N
KOP (NAD83 NME)       BHL (NAD83 NME)         Y = 443,060.1       Y = 453,474.9         X = 664,323.7       X = 664,531.5         LAT. = 32.217423 °N       LAT. = 32.246050 °N         LONG. = 103.935648 °W       LONG. = 103.934852 °W         FTP (NAD83 NME)       Y = 443,788.6         X = 664,510.7       LAT. = 32.219424 °N         LONG. = 103.935035 °W       CORNER COORDINATES (NAD83 NME)         A - Y = 453,696.51 N , X = 663,524.51 E       B - Y = 451,050.99 N , X = 663,570.23 E         B - Y = 445,748.20 N , X = 663,570.23 E       E - Y = 443,093.92 N , X = 663,576.03 E         F - Y = 443,093.92 N , X = 664,890.29 E       G - Y = 445,747.36 N , X = 664,894.28 E         H - Y = 448,398.38 N , X = 664,894.28 E       H - Y = 448,398.38 N , X = 664,894.28 E         J - Y = 451,048.83 N , X = 664,894.58 E       SHL (NAD27 NME)         Y = 443,229.60 Y = 453,308.2       X = 623,347.1         LAT. = 32.21793201 °N LAT. = 32.245631 °N         LONG. = 103.9363843 °W       LONG. = 103.934367 °W         KOP (NAD27 NME)       Y = 443,000.8 Y = 453,415.3 X = 623,348.3         X = 623,140.2 X = 623,348.3       X = 623,348.3 X = 623,348.3         LAT. = 32.2179300 °N       LAT. = 32.245926 °N         LONG. = 103.934546 °W       CORNER COORDINATES (NAD27 NME)         Y = 443,636.88 N , X = 622,341.36 E	LONG. =	103.9368732	°W		LONG. =	103.934857	۰wl
Y =       443,060.1       Y =       453,474.9       X =       664,323.7       X =       664,531.5       LAT. =       32.217423 °N       LAT. =       32.246050 °N       LONG. =       103.934852 °W         FTP (NAD83 NME)         Y =       443,788.6       X =       664,510.7       LAT. =       32.219424 °N       LONG. =       103.935035 °W       CORNER COORDINATES (NAD83 NME)       A - Y =       453,696.51 N , X =       663,524.51 E , 663,574.94 E , 663,570.03 E , 70.23 E , 70.24 E	KOP (	NAD83 NME)			BHL (N	NAD83 NME)	
X = 664,323.7						•	
LAT. = 32.217423 °N LAT. = 32.246050 °N LONG. = 103.935648 °W LONG. = 103.934852 °W FTP (NAD83 NME)  Y = 443,788.6	X =				X =	•	
LONG. = 103.935648 °W LONG. = 103.934852 °W  FTP (NAD83 NME) Y = 443,788.6 X = 664,510.7 LAT. = 32.219424 °N  LONG. = 103.935035 °W  CORNER COORDINATES (NAD83 NME)  A - Y = 453,696.51 N , X = 663,524.51 E B - Y = 451,050.99 N , X = 663,559.09 E D - Y = 445,748.20 N , X = 663,570.23 E E - Y = 443,093.92 N , X = 663,576.03 E F - Y = 443,091.03 N , X = 664,870.90 E J - Y = 445,747.36 N , X = 664,870.90 E J - Y = 445,048.83 N , X = 664,870.90 E J - Y = 451,048.83 N , X = 664,870.90 E SHL (NAD27 NME) Y = 443,029.60 Y = 453,308.2 X = 622,760.59 X = 623,347.1 LONG. = 103.9363843 °W LONG. = 103.9363843 °W LONG. = 103.9363843 °W LONG. = 103.935159 °W LONG. = 103.934366 °W  FTP (NAD27 NME) Y = 443,729.2 X = 623,327.2 LAT. = 32.2173900 °N LONG. = 103.934546 °W  CORNER COORDINATES (NAD27 NME) A - Y = 453,636.88 N , X = 622,341.36 E B - Y = 445,688.78 N , X = 622,346.70 E C - Y = 448,303.9 N , X = 622,346.70 E C - Y = 448,303.80 N , X = 622,347.10 E C - Y = 448,303.9 N , X = 622,347.10 E C - Y = 448,303.9 N , X = 622,341.36 E B - Y = 453,636.88 N , X = 622,341.36 E B - Y = 453,636.88 N , X = 622,341.36 E B - Y = 453,636.88 N , X = 622,341.36 E C - Y = 448,303.9 N , X = 622,341.36 E C - Y = 448,303.9 N , X = 622,341.36 E C - Y = 448,303.9 N , X = 622,341.36 E C - Y = 448,303.9 N , X = 622,346.70 E C - Y = 448,303.9 N , X = 622,346.20 E E - Y = 443,008.77 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,041.04 E		•				•	<sub>°N</sub>
FTP (NAD83 NME) Y = 443,788.6 X = 664,510.7 LAT. = 32.219424 °N LONG. = 103.935035 °W CORNER COORDINATES (NAD83 NME)  A - Y = 453,696.51 N , X = 663,524.51 E B - Y = 451,050.99 N , X = 663,570.23 E C - Y = 448,399.89 N , X = 663,570.23 E E - Y = 443,093.92 N , X = 663,576.03 E F - Y = 443,091.03 N , X = 664,900.29 E G - Y = 445,747.36 N , X = 664,894.28 E H - Y = 448,398.38 N , X = 664,894.28 E I - Y = 445,048.83 N , X = 664,870.90 E J - Y = 445,048.83 N , X = 664,849.58 E SHL (NAD27 NME) Y = 443,229.60 Y = 453,308.2 X = 622,760.59 X = 623,347.1 LAT. = 32.21793201 °N LAT. = 32.245631 °N LONG. = 103.934367 °W KOP (NAD27 NME) Y = 443,000.8 Y = 453,415.3 X = 623,140.2 X = 623,348.3 LAT. = 32.217299 °N LAT. = 32.245926 °N LONG. = 103.934546 °W CORNER COORDINATES (NAD27 NME) A - Y = 453,636.88 N , X = 622,341.36 E B - Y = 450,991.43 N , X = 622,341.36 E B - Y = 443,003.5 N , X = 622,345.70 E C - Y = 448,340.39 N , X = 622,345.26 E E - Y = 443,045.6 N , X = 622,355.76 E D - Y = 445,688.78 N , X = 622,364.70 E C - Y = 448,340.39 N , X = 622,364.70 E C - Y = 448,340.39 N , X = 622,366.82 E E - Y = 443,028.77 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,010.59 E							
Y =       443,788.6         X =       664,510.7         LAT. =       32.219424 °N         LONG. =       103.935035 °W         CORNER COORDINATES (NAD83 NME)         A - Y =       453,696.51 N , X =       663,524.51 E         B - Y =       451,050.99 N , X =       663,577.02 E         C - Y =       448,399.89 N , X =       663,570.23 E         E - Y =       443,093.92 N , X =       663,576.03 E         F - Y =       443,091.03 N , X =       664,900.29 E         G - Y =       445,747.36 N , X =       664,894.28 E         H - Y =       448,398.38 N , X =       664,882.22 E         I - Y =       451,048.83 N , X =       664,870.90 E         J - Y =       453,698.21 N , X =       664,849.58 E         SHL (NAD27 NME)       LTP (NAD27 NME)         Y =       443,229.60 Y =       453,308.2 X =         X =       622,760.59 X =       623,347.1 LAT. =         LAT. =       32.21793201 °N LAT. =       32.245631 °N         LONG. =       103.9363843 °W LONG. =       103.934367 °W         KOP (NAD27 NME)       Y =       453,415.3 X =         X =       623,140.2 X =       X =       623,344.1         LONG. =       103.934560						200,00	
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C - Y = 448,399.89 N , X = 663,559.09 E D - Y = 445,748.20 N , X = 663,570.23 E E - Y = 443,093.92 N , X = 663,576.03 E F - Y = 443,091.03 N , X = 664,900.29 E G - Y = 445,747.36 N , X = 664,894.28 E H - Y = 448,398.38 N , X = 664,870.90 E J - Y = 451,048.83 N , X = 664,870.90 E J - Y = 453,698.21 N , X = 664,849.58 E  SHL (NAD27 NME) Y = 443,229.60 Y = 453,308.2 X = 622,760.59 X = 623,347.1 LAT. = 32.21793201 °N LAT. = 32.245631 °N LONG. = 103.9363843 °W LONG. = 103.934367 °W KOP (NAD27 NME) Y = 443,000.8 Y = 453,415.3 X = 623,140.2 X = 623,348.3 LAT. = 32.217299 °N LAT. = 32.245926 °N LONG. = 103.935159 °W LONG. = 103.934362 °W FTP (NAD27 NME) Y = 443,729.2 X = 623,327.2 LAT. = 32.219300 °N LONG. = 103.934546 °W CORNER COORDINATES (NAD27 NME) A - Y = 453,636.88 N , X = 622,341.36 E B - Y = 459,991.43 N , X = 622,375.76 E D - Y = 443,034.56 N , X = 622,375.76 E D - Y = 443,028.77 N , X = 622,392.53 E F - Y = 443,028.77 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,021.99 E I - Y = 448,337.38 N , X = 625,010.59 E		•					
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J - Y = 453,698.21 N ,		•		,		,	
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LAT. = 32.217299 °N LAT. = 32.245926 °N LONG. = 103.935159 °W LONG. = 103.934362 °W FTP (NAD27 NME)  Y = 443,729.2  X = 623,327.2  LAT. = 32.219300 °N  LONG. = 103.934546 °W  CORNER COORDINATES (NAD27 NME)  A - Y = 453,636.88 N , X = 622,341.36 E B - Y = 450,991.43 N , X = 622,364.70 E C - Y = 448,340.39 N , X = 622,375.76 E D - Y = 445,688.78 N , X = 622,386.82 E E - Y = 443,034.56 N , X = 622,392.53 E F - Y = 443,028.77 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,034.88 E H - Y = 448,337.38 N , X = 625,021.99 E I - Y = 450,987.09 N , X = 625,010.59 E	Y = X = LAT. = LONG. = <b>KOP (</b>	443,229.60 622,760.59 32.21793201 103.9363843 NAD27 NME	°N °W		Y = X = LAT. = LONG. = BHL (N	453,308.2 623,347.1 32.245631 103.934367 NAD27 NME)	
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FTP (NAD27 NME)  Y = 443,729.2  X = 623,327.2  LAT. = 32.219300 °N  LONG. = 103.934546 °W  CORNER COORDINATES (NAD27 NME)  A - Y = 453,636.88 N , X = 622,341.36 E B - Y = 450,991.43 N , X = 622,364.70 E C - Y = 448,340.39 N , X = 622,375.76 E D - Y = 445,688.78 N , X = 622,386.82 E E - Y = 443,034.56 N , X = 622,392.53 E F - Y = 443,028.77 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,034.88 E H - Y = 448,337.38 N , X = 625,021.99 E I - Y = 450,987.09 N , X = 625,010.59 E	Y = X = LAT. = LONG. = KOP ( Y = X =	443,229.60 622,760.59 32.21793201 103.9363843 NAD27 NMEJ 443,000.8 623,140.2	°N °W		Y = X = LAT. = LONG. = BHL (N Y = X = X = X = X = X = X = X = X = X =	453,308.2 623,347.1 32.245631 103.934367 NAD27 NME) 453,415.3 623,348.3	°W
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LONG. = 103.934546 °W  CORNER COORDINATES (NAD27 NME)  A - Y = 453,636.88 N , X = 622,341.36 E B - Y = 450,991.43 N , X = 622,357.76 E C - Y = 448,340.39 N , X = 622,375.76 E D - Y = 445,688.78 N , X = 622,386.82 E E - Y = 443,034.56 N , X = 622,392.53 E F - Y = 443,028.77 N , X = 625,041.04 E G - Y = 445,687.07 N , X = 625,034.88 E H - Y = 448,337.38 N , X = 625,021.99 E I - Y = 450,987.09 N , X = 625,010.59 E	Y = X = LAT. = LONG. = KOP (Y = X = LAT. = LONG. = FTP (Y = Y = Y = Y = Y = Y = Y = Y = Y = Y	443,229.60 622,760.59 32.21793201 103.9363843 NAD27 NME) 443,000.8 623,140.2 32.217299 103.935159 NAD27 NME) 443,729.2	°N °W 'N °W		Y = X = LAT. = LONG. = BHL (N Y = X = LAT. =	453,308.2 623,347.1 32.245631 103.934367 NAD27 NME) 453,415.3 623,348.3 32.245926	°W °N
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G - Y = 445,687.07 N , X = 625,034.88 E H - Y = 448,337.38 N , X = 625,021.99 E I - Y = 450,987.09 N , X = 625,010.59 E	Y = X = LAT. = LONG. = FTP (I Y = LAT. = LONG. = LONG. = LAT. = LAT. = LONG. = LAT. = LAT. = LONG. = LAT. = LAT. = LONG. = LAT. = LAT. = LAT. = LONG. = LAT. =	443,229.60 622,760.59 32.21793201 103.9363843 NAD27 NME) 443,000.8 623,140.2 32.217299 103.935159 NAD27 NME) 443,729.2 623,327.2 32.219300 103.934546 CORNER COC 453,636.88 450,991.43 448,340.39 445,688.78	*N *W	I <b>NAT</b> , ,	Y = X = LAT. = LONG. = BHL (N Y = LAT. = LONG. = LAT. = LONG. = X = X = X = X = X = X = X = X = X =	453,308.2 623,347.1 32.245631 103.934367 NAD27 NME) 453,415.3 623,348.3 32.245926 103.934362 VNME) 622,341.36 622,364.70 622,375.76 622,386.82	°W °N E E E E E
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J 1 - 755,040.27 N , A - 024,331.40 L	Y = X = LAT. = LONG. = LAT. =	443,229.60 622,760.59 32.21793201 103.9363843 NAD27 NME) 443,000.8 623,140.2 32.217299 103.935159 NAD27 NME) 443,729.2 623,327.2 32.219300 103.934546 CORNER COC 453,636.88 450,991.43 448,340.39 445,688.78 443,034.56 443,028.77 445,687.07 448,337.38	*N *W *N *W *N	<b>NAT</b> , , ,	Y = X = LAT. = LONG. = BHL (N Y = LAT. = LONG. = LAT. = LONG. = LONG. = X = X = X = X = X = X = X = X = X =	453,308.2 623,347.1 32.245631 103.934367 NAD27 NME) 453,415.3 623,348.3 32.245926 103.934362 7 NME) 622,341.36 622,364.70 622,375.76 622,386.82 622,392.53 625,041.04 625,034.88 625,021.99	°W  °N  E  E  E  E  E  E  E  E



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Fort Worth, TX 76107
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TBPE Firm 17957 | TBPL5 Firm 10193887
www.fscinc.net
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 DATE:
 2-21-2025
 PROJECT NO:
 2023060312

 DRAWN BY:
 LM
 SCALE:

 CHECKED BY:
 CH
 SHEET:
 2 OF 2

 FIELD CREW:
 IR
 REVISION:
 NO



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Report

Well Name: POKER LAKE UNIT 13-24 Well Location: County or Parish/State:

PC

Well Number: 125H Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMNM05912 Unit or CA Name: POKER LAKE UNIT Unit or CA Number:

NMNM71016X

**US Well Number:** 3001554358 **Operator:** XTO PERMIAN OPERATING

LLC

## **Notice of Intent**

**Sundry ID: 2838132** 

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/24/2025 Time Sundry Submitted: 09:41

Date proposed operation will begin: 02/21/2025

**Procedure Description:** XTO Permian Operating LLC. respectfully requests your approval for changing of dedicated acreage on the attached C-102.

# **NOI Attachments**

## **Procedure Description**

Page 1 of 2

Well Name: POKER LAKE UNIT 13-24 Well Location: County or Parish/State:

PC

County or Parish/State:

Well Number: 125H Type of Well: CONVENTIONAL GAS

VELL

Allottee or Tribe Name:

Lease Number: NMNM05912 Unit or CA Name: POKER LAKE UNIT Unit or CA Number:

NMNM71016X

LLC

# **Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: KRISTEN HOUSTON Signed on: FEB 24, 2025 09:40 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND State: TX

Phone: (432) 620-6700

Email address: KRISTEN.HOUSTON@EXXONMOBIL.COM

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-		
		$\sim$

**Representative Name:** 

**Street Address:** 

City: State: Zip:

Phone:

**Email address:** 

Form 3160-5 (June 2019)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

BUR	EAU OF LAND MAN.	5. Lease Serial No.						
Do not use this t	NOTICES AND REPO form for proposals t Use Form 3160-3 (A	o drill or to re-	enter an					
SUBMIT IN	TRIPLICATE - Other instru	uctions on page 2		7. If Unit of CA/Agreement,	Name and/or No.			
1. Type of Well Gas V	Vell Other			8. Well Name and No.				
2. Name of Operator	ven outer			9. API Well No.				
3a. Address		3b. Phone No. (include	de area code)	10. Field and Pool or Explora	atory Area			
4. Location of Well (Footage, Sec., T.,F	R.,M., or Survey Description)			11. Country or Parish, State				
12. CHE	CK THE APPROPRIATE B	OX(ES) TO INDICAT	TE NATURE (	OF NOTICE, REPORT OR OT	THER DATA			
TYPE OF SUBMISSION			ТҮРІ	E OF ACTION				
Notice of Intent	Acidize Alter Casing	Deepen Hydraulic F	Fracturing	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity			
Subsequent Report	Casing Repair Change Plans	New Constr		Recomplete Temporarily Abandon	Other			
Final Abandonment Notice	Convert to Injection	Plug Back		Water Disposal				
completed. Final Abandonment No is ready for final inspection.)  14. I hereby certify that the foregoing is			uding reclama	ition, have been completed and	the operator has detennined that the	site		
14. I hereby certify that the foregoing is	true and correct. Name (Pri	nted/Iyped) Title						
Signature		Date						
	THE SPACE	FOR FEDERA	L OR STA	TE OFICE USE				
Approved by			Title		Data			
Conditions of approval, if any, are attack certify that the applicant holds legal or of which would entitle the applicant to con	equitable title to those rights		Title Office		Date			
Title 18 U.S.C Section 1001 and Title 4	3 U.S.C Section 1212, make	it a crime for any pers	son knowingly	and willfully to make to any c	department or agency of the United S	States		

any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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(Form 3160-5, page 2)

### **Additional Information**

**Location of Well** 

<u>C-10</u>			Ene	rgy, N		Jew Mexico ural Resources I	Departn	nent	Revised July 9, 2024		
	lectronically Permitting			O	IL CONSERVA	ATION DIVISI	ON		Submi	ttal	Initial Submittal
									Type:		Amended Report  As Drilled
											AS Dimed
					WELL LOCATION	INFORMATION					
API Nu 30-0	ımber 115-54358		Pool Code 98220		Pool Nar PURP	<sup>ne</sup> PLE SAGE; WOLFCAI	MP				
Propert	y Code 842		Property Name	POKE	ER LAKE UNIT 13-24	PC				Well N	Number
ORGIL	No.		Operator Name	хто	PERMIAN OPERATII	NG, LLC.				Groun	d Level Elevation
3730 Surface		State □ F	ee □ Tribal 🛛	Federal		Mineral Owner:	State   E	ee □ Tribal	1 ☑ Fed	3,09	34'
				reactar	Surface	Location	State 1		. <u>M</u> 100	Jerui -	
UL	Section	Townshi	.   -	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude		County
G	13	24 S	29 E		2,459' FNL Bottom H	2,220' FEL ole Location	32.2180	055 -	-103.93	6678	EDDY
UL	Section	Townshi	.   -	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude		County
J	1	24 S	29 E		2,418' FSL	2,305' FEL	32.2460	039 -	-103.93	66987	EDDY
Dedica 640	ted Acres	1	efining Well FILL		g Well API 015-53557	Overlapping Spacing U	Jnit (Y/N)	Consolidat	tion Cod	e	
Order N	Numbers.					Well setbacks are unde	er Common (	Ownership:	X Yes	□ No	
					Kick Off	Point (KOP)					
UL G	Section	Townshi		Lot	Ft. from N/S 2,620' FNL	Ft. from E/W	Latitude 32.2176		ongitude -103.93	7512	County
G	13	24 S	29 E		,	2,477' FEL Point (FTP)	32.2170	-	-103.93	17312	EDDY
UL G	Section 13	Townshi 24 S	p Range 29 E	Lot	Ft. from N/S 1,959' FNL	Ft. from E/W 2,353' FEL	Latitude 32,2194		ongitude -103.93	7106	County
	10	240	23 L		,	Point (LTP)	021210				
UL J	Section 1	Townshi	.   .	Lot	Ft. from N/S 2,317' FSL	Ft. from E/W 2,300' FEL	Latitude			6970	County
J	<u>'</u>	240	23 L		2,017 1 0L	2,000 1 LL	0212101				
Unitize	d Area or Are		m Interest 1-105467880	Spacin	g Unit Type 🔀 Horizo	ntal  Vertical	Gr	ound Floor E	Elevation	<sup>:</sup> 3,094	r
OPE	RATOR C	ERTIFIC	CATIONS			SURVEYOR C	ERTIFIC	CATIONS			
Lhavab	v cartify that	the informat	ion contained her	ain is tru	e and complete to the	I hereby certify that	t the well loo	cation shown	on this	plat wa:	s plotted from field
best of	my knowledge	and belief,	and that this orga	anization	either owns a working he proposed bottom hole	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.					
1			is well at this loca orking interest, or	•	uant to a contract with intary pooling	I, TIM C. PAPPAS, NEW 21209, DO HEREBY CER ACTUAL SURVEY ON THE	RTIFY THAT THI GROUND UPO	S SURVEY PLAT ON WHICH IT IS	T AND THE BASED	E /	C. PAPA
	·	* *	ing order heretofo		,	WERE PERFORMED BY M THAT I AM RESPONSIBLE MEETS THE MINIMUM STA	FOR THIS SU ANDARDS FOR	JRVEY, THAT TH SURVEYING IN	IIS SURVE NEW		W MEXICO
the con	sent of at leas	t one lessee	or owner of a wo	rking inte	anization has received rest or unleased mineral ich any part of the well's					21200	
interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.								1 1 1			
1/					TIM C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209					Crow CURVE	
Britan Houston 2/24/2025										STONAL SO	
Signatu	ire		Γ	Date		Signature and Seal of	f Professiona	al Surveyor			
Krister	n Houston					-					
Printed	Name					Certificate Number		Date of Surv	ey		
-	n.houston@ Address	exxonm	obil.com			TIM C. PAPPAS	21209	2/21/20	025		
		lowable wil	l be assigned to t	his comp	letion until all interests	have been consolidated	or a non-sto	andard unit h	has been	approv	ed by the division.



DATE: DRAWN BY: CHECKED BY: FIELD CREW:

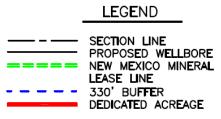
2-21-2025 LM CH IR PROJECT NO: SCALE: SHEET: 2023060309

1 OF 2 NO REVISION:

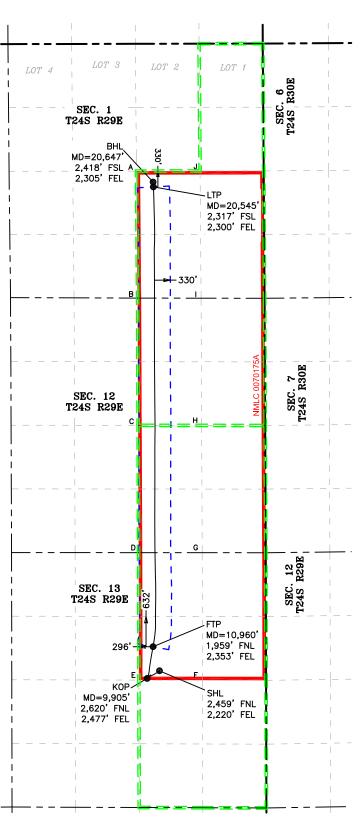
### ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



SEC 1	LC	T	ACREA	GE	TABLE
LOT	1	_	39.94	AC	RES
LOT	2	_	39.83	AC	RES
LOT	3	_	39.72	AC	RES
LOT	4	_	39.61	AC	RES



SHL (N	NAD83 NME)			LTP (N	IAD83 NME)
Y =	443,288.7			Y =	453,367.0
X =	664,004.3			X =	663,877.0
LAT. =	32.218055	°N		LAT. =	32.245760 °N
LONG. =	103.936678	°W		LONG. =	103.936970 °W
KOP (I	NAD83 NME)			BHL (N	NAD83 NME)
Y =	443,127.8			Y =	453,468.4
X =	663,747.1			X =	663,871.3
LAT. =	32.217615	°N		LAT. =	32.246039 °N
LONG. =	103.937512	°W		LONG. =	103.936987 °W
FTP (N	NAD83 NME)				
Y =	443,789.0				
X =	663,870.2				
LAT. =	32.219432	°N			
LONG. =	103.937106	°W			
	CORNER COC	ORDI	NA.	TES (NAD83	NME)
A - Y =	453,696.5	Ν	,	X =	663,524.5 E
	451,051.0		,	X =	,
C - Y =	448,399.9	Ν	,	X =	663,559.1 E
	445,748.2	Ν	,	X =	663,570.2 E
E - Y =	443,093.9	Ν	,	X =	663,576.0 E
F - Y =	443,091.0	Ν	,	X =	664,900.3 E
G-Y=	445,747.4	Ν	,	X =	664,894.3 E
H - Y =	448,398.4	Ν	,	X =	664,882.2 E
I - Y =	451,048.8	Ν	,	X =	664,870.9 E
J - Y =	453,698.2	Ν	,	X =	664,849.6 E
SHL (N	NAD27 NME)			LTP (N	IAD27 NME)
Y =	443,229.3			Y =	453,307.4
X =	,			X =	622,693.8
LAT. =	32.217931	°N		LAT. =	32.245636 °N
LONG. =	103.93619				103.936480 °W
1	NAD27 NME)			•	IAD27 NME)
Y =	443,068.4			Y =	453,408.8
X =	622,563.6			X =	622,688.1
LAT. =	32.217491			LAT. =	
LONG. =		°W		LONG. =	103.936497 °W
,	NAD27 NME)				
Y =	443,789.0				
X =	,				
LAT. =					
LONG. =			NI A	FEC (NIADOT	AND ALL
1	CORNER COC		NΑ		-
A - Y =	453,636.9	N	,	X =	622,341.4 E
B-Y=	450,991.4	N	,	X =	622,364.7 E
C-Y=	448,340.4	N	,	X =	622,375.8 E
D-Y=	445,688.8	N	,	X =	622,386.8 E
E-Y=	443,034.6	N	,	X =	622,392.5 E
F-Y= G-Y=	443,031.7	N	,	X =	623,716.8 E
	445,687.9	N	,	X =	623,710.9 E
H - Y =	448,338.9	N	,	X = X =	623,698.9 E
1 1-1-	450,989.3	Ν	,		623,687.7 E
J - Y =	453,638.6	Ν		X =	623,666.4 E



 DATE:
 2-21-2025
 PROJECT NO:
 2023060309

 DRAWN BY:
 LM
 SCALE:

 CHECKED BY:
 CH
 SHEET:
 2 OF 2

 FIELD CREW:
 IR
 REVISION:
 NO



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Report

Well Name: POKER LAKE UNIT 13-24 Well Location: County or Parish/State:

PC

Well Number: 165H Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMNM05912 Unit or CA Name: POKER LAKE UNIT Unit or CA Number:

NMNM71016X

LLC

### **Notice of Intent**

**Sundry ID: 2838128** 

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/24/2025 Time Sundry Submitted: 09:35

Date proposed operation will begin: 02/21/2025

**Procedure Description:** XTO Permian Operating LLC. respectfully requests your approval for changing of dedicated acreage on the attached C-102.

### **NOI Attachments**

### **Procedure Description**

Page 1 of 2

County or Parish/State: Page 77 of well Name: POKER LAKE UNIT 13-24 Well Location: PC

Well Number: 165H Type of Well: CONVENTIONAL GAS

**Allottee or Tribe Name:** 

**Unit or CA Number:** Lease Number: NMNM05912 Unit or CA Name: POKER LAKE UNIT

NMNM71016X

**US Well Number: 3001554357 Operator: XTO PERMIAN OPERATING** 

LLC

### **Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Signed on: FEB 24, 2025 09:35 AM **Operator Electronic Signature: KRISTEN HOUSTON** 

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND State: TX

Phone: (432) 620-6700

Email address: KRISTEN.HOUSTON@EXXONMOBIL.COM

	ΙU
	_

**Representative Name:** 

**Street Address:** 

City: State: Zip:

Phone:

**Email address:** 

Form 3160-5 (June 2019)

### UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

BURI	EAU OF LAND MANAGEME	5. Lease Serial No.				
Do not use this t	IOTICES AND REPORTS Of form for proposals to drill of Use Form 3160-3 (APD) for	or to re-e	enter an	6. If Indian, Allottee or Trib	e Name	
SUBMIT IN T	TRIPLICATE - Other instructions on	n page 2	-	7. If Unit of CA/Agreement	, Name a	and/or No.
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is ready for final inspection.)	tices must be filed only after all require					
14. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed					
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Signature		Date				
	THE SPACE FOR F	EDERA	L OR ST	ATE OFICE USE		
Approved by						
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(Form 3160-5, page 2)

### **Additional Information**

**Location of Well** 

<u>C-102</u>	Ene	orav N			ew Mexico ral Resources Department				Revised July 9, 2024		
Submit Electronically	Elle				TION DIVISIO	-	mem			☐ Initial Submittal	
Via OCD Permitting		O.	DEK V A	TION DIVISIO	JIN		Submi	ttal	Amended Report		
								Type:		✓ As Drilled	
	1	,	WELL LOC		INFORMATION						
API Number 30-015-54357	Pool Code 98220			Pool Name	e .E SAGE; WOLFCAM	1P					
Property Code 333842	Property Name	POKE	ER LAKE UN	IIT 13-24 I	PC				Well 16	l Number 5H	
ORGID No. 373075	Operator Name	хтоі	PERMIAN OF	PERATIN	G, LLC.					und Level Elevation 194'	
Surface Owner:  State	Fee 🗌 Tribal 🔀	Federal			Mineral Owner: S	State	Fee  Triba	l ⊠ Fed	deral		
				Surface l	Location						
UL Section Townsh	1	Lot	Ft. from N/S 2,459	S O' FNL	Ft. from E/W 2,190' FEL	Latitud 32.21		ongitude -103.93		County EDDY	
			Вс	ottom Ho	le Location						
UL Section Townsh	.	Lot	Ft. from N/S	S	Ft. from E/W	Latitud		ongitude		County	
J 1 245	S 29 E		2,420'	FSL	2,154' FEL	32.24	6042	-103.93	86498	EDDY	
	Defining Well		g Well API 015-53557		Overlapping Spacing Ui	nit (Y/N)	Consolida U	tion Cod	le		
Order Numbers.					Well setbacks are under	Commo	n Ownership: [	X Yes	☐ No	)	
			K	ick Off F	Point (KOP)						
UL Section Townsh	.	Lot	Ft. from N/S	S	Ft. from E/W	Latitud		ongitude		County	
J 13 24 S	S 29 E		2,515		2,459' FEL	32.21	/13/	-103.93	37452	EDDY	
UL Section Townsh	ip Range	Lot	Ft. from N/S		Point (FTP)  Ft. from E/W	Latitud	le Lo	ongitude		County	
G 13 24 S	1		1,959'		2,235' FEL			-103.93		EDDY	
	·   p	T			Point (LTP)	T					
UL Section Townsh J 1 24 5	1	Lot	Ft. from N/S 2,317'	I	Ft. from E/W 2,155' FEL	Latitud 32.24		ongitude -103.93		County	
Unitized Area or Area of Unifo		Spacin	g Unit Type 🛭	☑ Horizont	tal  Vertical	(	Ground Floor I	Elevation	: 3.09		
NMN	M-105467880								0,00	<del></del>	
OPERATOR CERTIFIC	CATIONS				SURVEYOR CE	ERTIFI	CATIONS				
I hereby certify that the information best of my knowledge and believe interest or unleased mineral interest or unleased mineral interest or has a right to drill than owner of such a mineral or wagreement or a compulsory poor	f, and that this org erest in the land in his well at this locd vorking interest, on ling order heretof	anization cluding th ution purs r to a volu ore entere	either owns a was proposed boto uant to a contrountary pooling and by the division	vorking ttom hole act with on.	is true and correct to I, TIM C. PAPPAS, NEW M 21209, DO HEREBY CERTIL ACTUAL SURVEY ON THE WERE PERFORMED BY ME THAT I AM RESPONSIBLE MEETS THE MINIMUM STAN	ys made the best EXICO PRO IFY THAT T GROUND L OR UNDE FOR THIS NDARDS FO	by me or unde of my belief. DFESSIONAL SURV THIS SURVEY PLA JPON WHICH IT IS IR MY DIRECT SU SURVEY, THAT TH OR SURVEYING IN	T MY SUP VEYOR NO. T AND TH S BASED IPERVISION HIS SURVE NEW	pervisio E	cas plotted from field on, and that the same	
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.											
Kritan Houston 2/24/2025					STATE OF NEW MEXICO N	0. 21209			(E	SONAL SURVE	
Signature	I	Date			Signature and Seal of	Professio	onal Surveyor				
Kristen Houston							1				
Printed Name					Certificate Number		Date of Surv	/ey			
Kristen.houston@exxonr Email Address	nobil.com				TIM C. PAPPAS 2	21209	2/21/20	025			
Note: No allowable w	ill be assigned to	this comp	letion until all	interests h	ave been consolidated o	or a non	l standard unit l	has been	appro	oved by the division.	



2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBP15 Firm 10193887
www.fscinc.net
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DATE: DRAWN BY: CHECKED BY: FIELD CREW:

2-21-2025 LM CH IR PROJECT NO: SCALE: SHEET: 2023060310

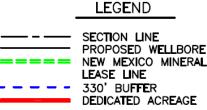
REVISION:

1 OF 2 NO

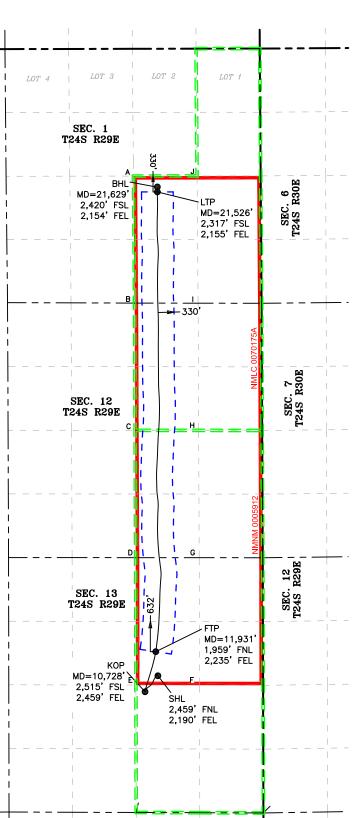
### ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



SEC 1	LOT	ACREA	GE TABLE
LOT	1 -	39.94	ACRES
LOT	2 -	39.83	ACRES
LOT	3 –	39.72	ACRES
LOT	4 –	39.61	ACRES



SHL (I	NAD83 NME)			KOP (I	NAD83 NME)	
Y =	443,288.7			Y =	442,953.9	
X =	664,034.4			X =	663,766.4	
LAT. =	32.218055	°N		LAT. =	32.217137	°N
LONG. =	103.936581			LONG. =	103.937452	
	TP (NAD83 N			20.10.	100,007,02	• •
Y =	443,788.9	,				
X =	663,988.2					
LAT. =	32.219430	°N				
LONG. =						
	NAD83 NME)	•		BHL (I	NAD83 NME)	
Y =	453,367.1			Y =	453,470.2	
X =	664,022.5			X =	664,022.4	
LAT. =	32.245759	°N		LAT. =	32.246042	°N
LONG. =	103.936499			LONG. =		
LONG.			INIZ	ATES (NAD83		•••
A - Y =	453,696.5			X =	663,524.5	F
B - Y =	453,050.5		,	X =	663,547.9	
C - Y =	448,399.9		,	X =	663,559.1	
D - Y =	445,748.2		,	X =	663,570.2	
E - Y =	443,093.9		,	X =	663,576.0	
F-Y=	443,093.9		,	X =	664,900.3	
G - Y =	445,747.4		,	X =	664,894.3	
H - Y =	448,398.4		,	X =	664,882.2	
I - Y =			,	X = X =	664,870.9	
J - Y =	451,048.8		,	X =	664,849.6	
	453,698.2	IN	,		•	_
ЭПL (I Y =	<b>NAD27 NME)</b> 443,229.3			Y =	NAD27 NME) 442,894.5	
Y = X =				Y = X =	•	
	622,850.9	0 N I			622,582.9	° N I
LAT. =	32.217930			LAT. = LONG. =		
LONG. =	103.936092	vv		LONG. =	105.956965	vv
-	NAD27 NME)					
Y =	443,729.6					
X =	622,804.7	0 N I				
LAT. =	32.219306					
	103.936236	VV		DI 11 /1		
	NAD27 NME)			-	NAD27 NME)	
Y =	453,307.5			Y =	453,410.6	
X =	622,839.3	0.6.1		X =	622,839.3	
LAT. =	32.245635			LAT. =	32.245918	
LONG. =	103.936009				103.936008	·VV
A 1/			IINA	ATES (NAD27	-	_
A - Y =	453,636.9		,	X =	622,341.4	
B - Y =	450,991.4		,	X =	622,364.7	
C - Y =	448,340.4		,	X =	622,375.8	
D - Y =	445,688.8	N	,	X =	622,386.8	
E - Y =	443,034.6	N	,	X =	622,392.5	
F-Y=	443,031.7	N	,	X =	623,716.8	
G - Y =	445,687.9	N	,	X =	623,710.9	
H - Y =	448,338.9	N	,	X =	623,698.9	
I - Y =	450,989.3	N	,	X =	623,687.7	
J - Y =	453,638.6	N	,	X =	623,666.4	E



 DATE:
 2-21-2025
 PROJECT NO:
 2023060310

 DRAWN BY:
 LM
 SCALE:

 CHECKED BY:
 CH
 SHEET:
 2 OF 2

 FIELD CREW:
 IR
 REVISION:
 NO

Riley, Heather /C McGlure, Dean, EMNRD Garda, Amanda; Celland, Sarah, EMNRD; Davis, William Gregory; Granillo, Lacey /C RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Monday, February 24, 2025 5:08:50 PM

Intrage003.png
Poker Lake Unit 13-24 PC 125H (Sundry ID 2838132),pdf
Poker Lake Unit 13-24 PC 165H (Sundry ID 2838128),pdf
Poker Lake Unit 13-24 PC 106H (Sundry ID 2838128),pdf
Poker Lake Unit 13-24 PC 116H (Sundry ID 2838125),pdf

Good afternoon Dean. The following is an update to our application:

• XTO wishes to remove the following wells from the application at this time:

 3001553558 Poker Lake Unit 13-24 PC 108H 3001553556 Poker Lake Unit 13-24 PC 118H o 3001553553 Poker Lake Unit 13-24 PC 127H o 3001554015 Poker Lake Unit 13-24 PC 166H o 3001553552 Poker Lake Unit 13-24 PC 168H

• XTO wishes to change the HSU/dedicated acreage for the following wells. Sundries have been submitted to the BLM for approval and those are attached to this email for your

 3001554359 Poker Lake Unit 13-24 PC 106H o 3001553557 Poker Lake Unit 13-24 PC 116H o 3001554358 Poker Lake Unit 13-24 PC 125H o 3001554357 Poker Lake Unit 13-24 PC 165H

Outstanding sundries that changed drilling plans are as follows:

API	Well Name	Well	Date of C-102	BLM APD	Status	BLM	Sundry	NMOCD	Status	NMOCD	Action
		Number		Change		Approved	ID	APD		Approved	ID
				Sundry				Change			
				Submitted				Sundry			
								Submitted			
3001553557	Poker Lake Unit 13-24 PC	116H	7/28/2023	8/8/2023	Approved	9/6/2023	2745199	11/14/2023	Submitted		285218
3001554357	Poker Lake Unit 13-24 PC	165H	10/18/2023	11/1/2023	Approved	11/8/2023	2758985	1/8/2025	Submitted		418690

I am not aware of any other outstanding items needed. This application should be ready for your final review and disposition.

Heather Riley ExxonMobil UOG Upstream Unconventional Regulatory Analyst - Contractor 6401 Holiday Hill Road, Bldg 5 Midland, TX 79707

(432) 894-2025

heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean. McClure@emnrd.nm.gov>

Sent: Monday, February 17, 2025 3:24 PM

To: Riley, Heather /C <heather.riley@exxonmobil.com>

Cc: Garcia, Amanda <amanda.garcia@exxonmobil.com>; Clelland, Sarah, EMNRD <Sarah.Clelland@emnrd.nm.gov>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

2:30 works for me; please put Sarah Clelland down as optional.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Riley, Heather /C < heather.riley@exxonmobil.com >

Sent: Monday, February 17, 2025 2:34 PM

To: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov> Cc: Garcia, Amanda <a href="mailto:amanda.garcia@exxonmobil.com">amanda.garcia@exxonmobil.com</a>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Let's plan on tomorrow afternoon. I will be traveling to Midland and could do anytime after 2:30 MST.

Heather Riley

ExxonMobil UOG Upstream Unconventional

Regulatory Analyst - Contractor

6401 Holiday Hill Road, Bldg 5

(432) 894-2025

heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>

Sent: Monday, February 17, 2025 1:48 PM

To: Riley, Heather /C < heather.riley@exxonmobil.com > Cc: Garcia, Amanda <a href="mailto:amanda.garcia@exxonmobil.com">amanda.garcia@exxonmobil.com</a> Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

This afternoon at 2:30 or tomorrow in the mid or later afternoon should be fine.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Riley, Heather /C < heather.riley@exxonmobil.com >

Sent: Monday, February 17, 2025 1:00 PM

To: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov> Cc: Garcia, Amanda <a href="mailto:amanda.garcia@exxonmobil.com">amanda.garcia@exxonmobil.com</a> Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Good afternoon, Dean. Your 4<sup>th</sup> bullet from an earlier email and restated here, looks like a good option for a short-term solution. Do you have time for Amanda and me to have a quick chat with you about how to make the appropriate changes to our application? We are working on getting updated C-102s to submit but need to know what other exhibits you need to have changed.

• Depending on the timetable associated with the Poker Lake Unit 13 24 PC wells; XTO may wish to consider proposing a new HSU for any wells which do not include a lateral within the NE/4 of Section 1 of Township 24 South, Range 29 East. Such a proposed HSU may consist of the SE/4 of Section 1, E/2 of Section 12, NE/4 of Section 13; Township 24 South, Range 29 East. There appears to be at least 3 Poker Lake Unit 13 24 PC wells which meets this criterion. However, please note that approval of the proposed surface commingling project would then require that any Poker Lake Unit 13 24 PC wells that do not meet this criterion be dropped from the current application. Any order issued would then need to be amended to bring the remaining Poker Lake Unit 13 24 PC wells into the project once the NSP discussion/issue is resolved.

Heather Riley ExxonMobil UOG Upstream Unconventional Regulatory Analyst - Contractor 6401 Holiday Hill Road, Bldg 5 Midland, TX 79707 (432) 894-2025

heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>

Sent: Monday, December 23, 2024 12:47 PM

To: Riley, Heather /C < heather.riley@exxonmobil.com >; Redus, Richard L < richard.l.redus@exxonmobil.com >

Cc: Garcia, Amanda <amanda.garcia@exxonmobil.com>; Davis, William Gregory <a href="mailto:william.davis@exxonmobil.com">william.davis@exxonmobil.com</a>; Lowe, Leonard, EMNRD <a href="mailto:Leonard.Lowe@emnrd.nm.gov">Leonard.Lowe@emnrd.nm.gov</a>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

This email will suffice, thank you.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Riley, Heather /C < heather.riley@exxonmobil.com >

Sent: Monday, December 23, 2024 12:45 PM

To: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov >; Redus, Richard L < richard.l.redus@exxonmobil.com >

 $\textbf{Cc:} \ Garcia, Amanda \\ \times \underline{amanda.garcia@exxonmobil.com}; Davis, William \ Gregory \\ \times \underline{william.davis@exxonmobil.com}; Lowe, Leonard, EMNRD \\ \times \underline{Leonard.Lowe@emnrd.nm.gov} \\ \times \underline{conard.Lowe@emnrd.nm.gov} \\ \times \underline{conar$ 

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

I have a response for BULLET 2. The FMPs are the same as the sales meter. I typically have that added to the Lease Map but missed this one. Let me know if you'd like me to update the map for the record or if this email suffices.

Heather Riley

ExxonMobil UOG Upstream Unconventional

Regulatory Analyst - Contractor 6401 Holiday Hill Road, Bldg 5

Midland, TX 79707 (432) 894-2025

heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>

Sent: Monday, December 23, 2024 12:16 PM

 $\textbf{To: Riley, Heather /C <} \underline{\text{heather.riley@exxonmobil.com}}; \ \text{Redus, Richard L <} \underline{\text{richard.l.redus@exxonmobil.com}} > \\$ 

 $\textbf{Cc:} Garcia, Amanda < \underline{amanda}.\underline{garcia}@exxon\underline{mobil}.\underline{com} > ; Davis, William Gregory < \underline{william}.\underline{davis}@exxon\underline{mobil}.\underline{com} > ; Lowe, Leonard, EMNRD < \underline{Leonard}.\underline{Lowe}@\underline{emnrd}.\underline{nm}.\underline{gov} > ; Davis, \underline{Morried}.\underline{Mo$ 

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Heather,

Ah, I see the issue after reading my email below. I think that I had originally included verbiage that mentions the public notice, but then I left it off mistakenly when I edited my email. Please note that it is only the public notice that I was referring to in my prior email. I apologize for any inconvenience.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Riley, Heather /C < heather.riley@exxonmobil.com >

Sent: Monday, December 23, 2024 10:59 AM

To: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>; Redus, Richard L < richard.l.redus@exxonmobil.com>

Cc: Garcia, Amanda <amanda.garcia@exxonmobil.com>; Davis, William Gregory <a href="milliam.davis@exxonmobil.com">
; Lowe, Leonard, EMNRD <a href="milliam.davis@exxonmobil.com">
; Lowe, Leonard, Lowe@emnrd.nm.gov</a>
<a href="milliam.davis@exxonmobil.com">
; Lowe, L

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

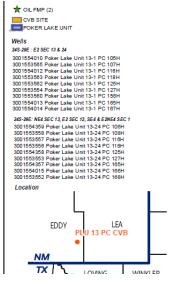
Dean.

Thank you for the extension. Hopefully, we can get this resolved quickly.

As to your note concerning the location of the commingling facility. I have the legals called out in the 2<sup>nd</sup> paragraph of the application letter and it is also clearly identified in the Lease Map. Is there another place I need to note the location?

(c) Pursuant to 19.15.12.10.C(4)(g), from all future additions of pools, leases or leases and pools to the Poker Lake Unit 13 PC Central Vessel Battery with notice provided only to the owners of interests to be added.

Oil and gas production from these spacing units will be commingled and sold at the CVB, located in the SW/4 NE/4 of Section 13, T24S, R29E. XTO plans to use the well test method for allocation of production and measurement purposes. Production will flow from the wellbore to either a test separator or bulk (common) production separator. The test separator will separate the gas, oil, and water. Gas production from the test separator will be metered with a calibrated orifice meter that is manufactured to AGA specifications. Oil production from the test separator will be metered using a Coriolis meter. Gas and oil production will then be allocated on a daily basis based on the most recent individual well tests of oil, gas and water.





Heather Riley

 ${\bf Exxon Mobil\ UOG\ Upstream\ Unconventional}$ 

Regulatory Analyst - Contractor 6401 Holiday Hill Road, Bldg 5

Midland, TX 79707

(432) 894-2025

heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov >

Sent: Monday, December 23, 2024 10:20 AM

To: Riley, Heather /C < heather.riley@exxonmobil.com >; Redus, Richard L < richard.l.redus@exxonmobil.com >

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Heather.

Additionally, it will be fine for this case, but please note the below highlighted text from 19.15.12.10 C.(4)(e) NMAC for future applications. If you have any questions, please feel free to reach out.

(i) the applicant's name, address, telephone number and contact party;

(ii) the location by section, township and range of the leases from which production will

be commingled and the location of the commingling facility;

(iii) the source of all commingled production by pool name; and

(iv) a notation that interested parties must file objections or requests for hearing in

writing with the division's Santa Fe office within 20 days after publication, or the division may approve the application.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: McClure, Dean, EMNRD

Sent: Monday, December 23, 2024 10:12 AM

To: Riley, Heather /C < heather.riley@exxonmobil.com >; Redus, Richard L < richard.l.redus@exxonmobil.com >

Cc: Garcia, Amanda <amanda.garcia@exxonmobil.com>; Davis, William Gregory <a href="mailto:swe.even.nmbil.com">william.davis@exxonmobil.com>; Lowe, Leonard, EMNRD < Leonard, Lowe@emnrd.nm.goy>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Thank you, Heather.

It isn't much of an extension, but please provide the Division with an update on where we are by EOB Jan 10<sup>th</sup>. At that time, we can discuss further extensions should they be necessary. Please note that on the NSP topic; it will be understandable should XTO provide an update stating that it needs more time along with an approximate timetable for its submission of a legal argument regarding NSPs within Units.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Riley, Heather /C < heather.riley@exxonmobil.com >

Sent: Monday, December 23, 2024 9:57 AM

To: McClure, Dean, EMNRD < Dean. McClure@emnrd.nm.gov>; Redus, Richard L < richard.l.redus@exxonmobil.com>

Cc: Garcia, Amanda <a href="mailto:amanda.garcia@exxonmobil.com">amanda.garcia@exxonmobil.com</a>>; Davis, William Gregory <a href="mailto:william.davis@exxonmobil.com">william.davis@exxonmobil.com</a>>

Subject: [EXTERNAL] RE: Action ID: 384045; CTB-1120

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning, Dean. Considering the holiday schedule and the complexity of this project, I would respectfully request additional time in which to respond to your requests below except for bullet number 1.

In response to bullet number 1, please see the attached Affidavit of Publication which was published on 9/19/24. Please add this document to the application.

Thank you,

Heather Riley

ExxonMobil UOG Upstream Unconventional

Regulatory Analyst - Contractor

6401 Holiday Hill Road, Bldg 5 Midland, TX 79707

(432) 894-2025

heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>

Sent: Friday, December 20, 2024 5:26 PM

To: Redus, Richard L < <a href="mailto:richard.l.redus@exxonmobil.com">richard.l.redus@exxonmobil.com</a>; Riley, Heather /C < <a href="mailto:heather.riley@exxonmobil.com">heather.riley@exxonmobil.com</a>>

Cc: Garcia, Amanda <amanda.garcia@exxonmobil.com>; Davis, William Gregory <a href="milliam.davis@exxonmobil.com">"milliam.da

Subject: FW: Action ID: 384045; CTB-1120

Rick and Heather,

I received an auto reply from Amanda's email saying she is out of office currently. She may be looking for this communication and it may be unnecessary, but please forward this on to whoever is most appropriate if Amanda is out of pocket.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: McClure, Dean, EMNRD

Sent: Friday, December 20, 2024 5:18 PM

To: amanda.garcia@exxonmobil.com

Cc: Riley, Heather /C < heather.riley@exxonmobil.com>; william.davis@exxonmobil.com; Garcia, John, EMNRD < JohnA.Garcia@emnrd.nm.gov>; Rikala, Ward, EMNRD

<u>Award.Rikala@emnrd.nm.gov</u>
; Wrinkle, Justin, EMNRD <<u>Justin.Wrinkle@emnrd.nm.gov</u>
; Engineer, OCD, EMNRD <<u>OCD.Engineer@emnrd.nm.gov</u>

Subject: Action ID: 384045; CTB-1120

To whom it may concern (c/o Amanda Garcia for XTO Permian Operating, LLC),

The Division is reviewing the following application:

Action ID	384045
Admin No.	CTB-1120
Applicant	XTO Permian Operating, LLC (373075)
Title	Poker Lake Unit 13 PC CVB
Sub. Date	9/16/2024

Please provide the following additional supplemental documents:

- Please provide additional information regarding the following:

   Please confirm if public notice of this application was conducted. If so, please provide the affidavit of publication.
  - The FMPs for gas is referenced in the application. Noting that sales occurs at the sales meter and when title transfer of the production occurs, are the mentioned FMPs also the sales meters? If not, where are the sales meters located?
  - Per our ongoing discussion regarding the proposed HSU for the Poker Lake Unit 13 24 PC wells;
    - XTO submitted an application for a NSP designated as NSP-2201.
    - NSP-2201 was protested by Devon.
    - Per guidance from counsel and incorrect guidance from the Division; XTO decided to not pursue NSP-2201 as it feels a NSP is not required.
    - XTO will be providing the Division with a legal argument drafted by its counsel for why it believes that a NSP is not required.
    - Please provide the legal argument to OCD Engineering, Dean McClure, John Garcia, Ward Rikala, and Justin Wrinkle
  - Depending on the timetable associated with the Poker Lake Unit 13 24 PC wells; XTO may wish to consider proposing a new HSU for any wells which do not include a lateral within the NE/4 of Section 1 of Township 24 South, Range 29 East. Such a proposed HSU may consist of the SE/4 of Section 1, E/2 of Section 12, NE/4 of Section 13; Township 24 South, Range 29 East. There appears to be at least 3 Poker Lake Unit 13 24 PC wells which meets this criterion. However, please note that approval of the proposed surface commingling project would then require that any Poker Lake Unit 13 24 PC wells that do not meet this criterion be dropped from the current application. Any order issued would then need to be amended to bring the remaining Poker Lake Unit 13 24 PC wells into the project once the NSP discussion/issue is resolved.
  - . Additionally, there are several Poker Lake Unit 13 24 PC wells which will need new change of plans submitted that includes the amended casing and directional plans as the well design for those wells have been altered from the currently approved APD on record. Currently, it appears that the following wells fall into this group:

30-015-53558	Poker Lake Unit 13 24 PC #108H
30-015-53556	Poker Lake Unit 13 24 PC #118H
30-015-53553	Poker Lake Unit 13 24 PC #127H
30-015-54357	Poker Lake Unit 13 24 PC #165H

Additional notes:

All additional supplemental documents and information may be provided via email and should be done by replying to this email. The produced email chain will be uploaded to the file for this application.

Please note that failure to take steps to address each of the requests made in this email within 10 business days of receipt of this email may result in the Division rejecting the application requiring the submittal of a new application by the applicant once it is prepared to address each of the topics raised.

Dean McClure

Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From: McClure, Dean, EMNRD

To: Riley, Heather /C; Redus, Richard L

Cc: Garcia, Amanda; Davis, William Gregory; Lowe, Leonard, EMNRD

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Date: Monday, December 23, 2024 12:46:00 PM

Attachments: image001.png image002.png

image002.png image003.png

This email will suffice, thank you.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Riley, Heather /C <heather.riley@exxonmobil.com>

Sent: Monday, December 23, 2024 12:45 PM

To: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>; Redus, Richard L < richard.l.redus@exxonmobil.com>

Cc: Garcia, Amanda <amanda.garcia@exxonmobil.com>; Davis, William Gregory <william.davis@exxonmobil.com>; Lowe, Leonard, EMNRD

<Leonard.Lowe@emnrd.nm.gov>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

That makes sense.

I have a response for BULLET 2. The FMPs are the same as the sales meter. I typically have that added to the Lease Map but missed this one. Let me know if you'd like me to update the map for the record or if this email suffices.

Heather Riley

ExxonMobil UOG Upstream Unconventional

Regulatory Analyst - Contractor 6401 Holiday Hill Road, Bldg 5 Midland, TX 79707 (432) 894-2025

heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean. McClure@emnrd.nm.gov>

Sent: Monday, December 23, 2024 12:16 PM

To: Riley, Heather /C < heather.riley@exxonmobil.com>; Redus, Richard L < heather.riley@exxonmobil.com>

 $\textbf{Cc:} \ \mathsf{Garcia, Amanda} < \underline{\mathsf{amanda.garcia@exxonmobil.com}}; \ \mathsf{Davis, William Gregory} < \underline{\mathsf{william.davis@exxonmobil.com}}; \ \mathsf{Lowe, Leonard, EMNRD}$ 

<<u>Leonard.Lowe@emnrd.nm.gov</u>>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Heather,

Ah, I see the issue after reading my email below. I think that I had originally included verbiage that mentions the public notice, but then I left it off mistakenly when I edited my email. Please note that it is only the public notice that I was referring to in my prior email. I apologize for any inconvenience.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Riley, Heather /C < heather.riley@exxonmobil.com >

Sent: Monday, December 23, 2024 10:59 AM

To: McClure, Dean, EMNRD < Dean. McClure@emnrd.nm.gov >; Redus, Richard L < richard.l.redus@exxonmobil.com >

 $\textbf{Cc:} \ Garcia, Amanda < \underline{amanda.garcia@exxonmobil.com} >; Davis, \ William \ Gregory < \underline{william.davis@exxonmobil.com} >; Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; Davis, \ William \ Gregory < \underline{william.davis@exxonmobil.com} >; Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; \ Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; \ Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; \ Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; \ Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; \ Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; \ Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; \ Lowe, \ Leonard, \ EMNRD \\ \textbf{EMNRD} = \underline{Amanda.garcia@exxonmobil.com} >; \ Lowe, \ Leonard, \ Lowe, \ Low$ 

<<u>Leonard.Lowe@emnrd.nm.gov</u>>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

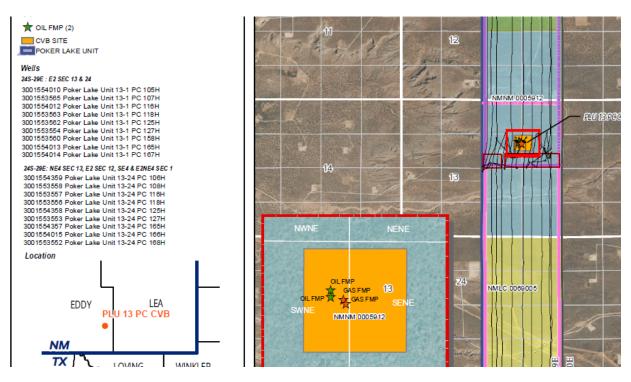
Dean,

Thank you for the extension. Hopefully, we can get this resolved quickly.

As to your note concerning the location of the commingling facility. I have the legals called out in the 2<sup>nd</sup> paragraph of the application letter and it is also clearly identified in the Lease Map. Is there another place I need to note the location?

(c) Pursuant to 19.15.12.10.C(4)(g), from all future additions of pools, leases or leases and pools to the Poker Lake Unit 13 PC Central Vessel Battery with notice provided only to the owners of interests to be added.

Oil and gas production from these spacing units will be commingled and sold at the CVB, located in the SW/4 NE/4 of Section 13, T248; R29E. XTO plans to use the well test method for allocation of production and measurement purposes. Production will flow from the wellbore to either a test separator or bulk (common) production separator. The test separator will separate the gas, oil, and water. Gas production from the test separator will be metered with a calibrated orifice meter that is manufactured to AGA specifications. Oil production from the test separator will be metered using a Coriolis meter. Gas and oil production will then be allocated on a daily basis based on the most recent individual well tests of oil, gas and water.



Heather Riley
ExxonMobil UOG Upstream Unconventional
Regulatory Analyst - Contractor
6401 Holiday Hill Road, Bldg 5
Midland, TX 79707
(432) 894-2025
heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>

Sent: Monday, December 23, 2024 10:20 AM

To: Riley, Heather /C < heather.riley@exxonmobil.com >; Redus, Richard L < richard.l.redus@exxonmobil.com >

Cc: Garcia, Amanda <a href="mailto:amanda.garcia@exxonmobil.com">
; Davis, William Gregory <a href="mailto:william.davis@exxonmobil.com">
; Lowe, Leonard, EMNRD <a href="mailto:keonard.lowe@emnrd.nm.gov">
keonard.lowe@emnrd.nm.gov</a>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Heather,

Additionally, it will be fine for this case, but please note the below highlighted text from 19.15.12.10 C.(4)(e) NMAC for future applications. If you have any questions, please feel free to reach out.

the applicant's name, address, telephone number and contact party;

(ii) the location by section, township and range of the leases from which production will

be commingled and the location of the commingling facility;

(iii) the source of all commingled production by pool name; and

(iv) a notation that interested parties must file objections or requests for hearing in

writing with the division's Santa Fe office within 20 days after publication, or the division may approve the application.

Dean McClure

Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: McClure, Dean, EMNRD

Sent: Monday, December 23, 2024 10:12 AM

To: Riley, Heather /C < heather.riley@exxonmobil.com >; Redus, Richard L < richard.l.redus@exxonmobil.com >

Cc: Garcia, Amanda <amanda.garcia@exxonmobil.com>; Davis, William Gregory <a href="mailto:william.davis@exxonmobil.com">william.davis@exxonmobil.com</a>; Lowe, Leonard, EMNRD

<<u>Leonard.Lowe@emnrd.nm.gov</u>>

Subject: RE: [EXTERNAL] RE: Action ID: 384045; CTB-1120

Thank you, Heather.

It isn't much of an extension, but please provide the Division with an update on where we are by EOB Jan 10<sup>th</sup>. At that time, we can discuss further extensions should they be necessary. Please note that on the NSP topic; it will be understandable should XTO provide an update stating that it needs more time along with an approximate timetable for its submission of a legal argument regarding NSPs within Units.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

From: Riley, Heather /C < heather.riley@exxonmobil.com >

Sent: Monday, December 23, 2024 9:57 AM

To: McClure, Dean, EMNRD < Dean. McClure@emnrd.nm.gov>; Redus, Richard L < richard.l.redus@exxonmobil.com> Cc: Garcia, Amanda < amanda.garcia@exxonmobil.com>; Davis, William Gregory < william.davis@exxonmobil.com>

Subject: [EXTERNAL] RE: Action ID: 384045; CTB-1120

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning, Dean. Considering the holiday schedule and the complexity of this project, I would respectfully request additional time in which to respond to your requests below except for bullet number 1.

In response to bullet number 1, please see the attached Affidavit of Publication which was published on 9/19/24. Please add this document to the application.

Thank you,

Heather Riley
ExxonMobil UOG Upstream Unconventional
Regulatory Analyst - Contractor
6401 Holiday Hill Road, Bldg 5
Midland, TX 79707
(432) 894-2025

heather.riley@exxonmobil.com

From: McClure, Dean, EMNRD < Dean. McClure@emnrd.nm.gov>

Sent: Friday, December 20, 2024 5:26 PM

To: Redus, Richard L < <a href="mailto:richard.l.redus@exxonmobil.com">richard.l.redus@exxonmobil.com</a>; Riley, Heather /C < <a href="mailto:heather.riley@exxonmobil.com">heather.riley@exxonmobil.com</a>>

Cc: Garcia, Amanda <a href="mailto:amanda.garcia@exxonmobil.com">">", Davis, William Gregory <a href="mailto:william.davis@exxonmobil.com">", Riley, Heather /C">", William.davis@exxonmobil.com</a>; Riley, Heather /

<heather.riley@exxonmobil.com>

Subject: FW: Action ID: 384045; CTB-1120

Rick and Heather,

I received an auto reply from Amanda's email saying she is out of office currently. She may be looking for this communication and it may be unnecessary, but please forward this on to whoever is most appropriate if Amanda is out of pocket.

Dean McClure

Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From: McClure, Dean, EMNRD
Sent: Friday, December 20, 2024 5:18 PM
To: amanda.garcia@exxonmobil.com

**Cc:** Riley, Heather /C < heather.riley@exxonmobil.com >; william.davis@exxonmobil.com; Garcia, John, EMNRD < JohnA.Garcia@emnrd.nm.gov >; Rikala, Ward, EMNRD < Ward.Rikala@emnrd.nm.gov >; Wrinkle, Justin, EMNRD < Justin.Wrinkle@emnrd.nm.gov >; Engineer, OCD, EMNRD

<<u>OCD.Engineer@emnrd.nm.gov</u>> **Subject:** Action ID: 384045; CTB-1120

To whom it may concern (c/o Amanda Garcia for XTO Permian Operating, LLC),

The Division is reviewing the following application:

Action ID	384045		
Admin No.	n No.   CTB-1120		
Applicant	XTO Permian Operating, LLC (373075)		
Title	Poker Lake Unit 13 PC CVB		
Sub. Date	9/16/2024		

Please provide the following additional supplemental documents:

•

Please provide additional information regarding the following:

- Please confirm if public notice of this application was conducted. If so, please provide the affidavit of publication.
- The FMPs for gas is referenced in the application. Noting that sales occurs at the sales meter and when title transfer of the production occurs, are the mentioned FMPs also the sales meters? If not, where are the sales meters located?
- Per our ongoing discussion regarding the proposed HSU for the Poker Lake Unit 13 24 PC wells;
  - XTO submitted an application for a NSP designated as NSP-2201.
  - NSP-2201 was protested by Devon.
  - Per guidance from counsel and incorrect guidance from the Division; XTO decided to not pursue NSP-2201 as it feels a NSP is not required.
  - · XTO will be providing the Division with a legal argument drafted by its counsel for why it believes that a NSP is not required.
  - · Please provide the legal argument to OCD Engineering, Dean McClure, John Garcia, Ward Rikala, and Justin Wrinkle
- Depending on the timetable associated with the Poker Lake Unit 13 24 PC wells; XTO may wish to consider proposing a new HSU for any wells which do not include a lateral within the NE/4 of Section 1 of Township 24 South, Range 29 East. Such a proposed HSU may consist of the SE/4 of Section 1, E/2 of Section 12, NE/4 of Section 13; Township 24 South, Range 29 East. There appears to be at least 3 Poker Lake Unit 13 24 PC wells which meets this criterion. However, please note that approval of the proposed surface commingling project would then require that any Poker Lake Unit 13 24 PC wells that do not meet this criterion be dropped from the current application. Any order issued would then need to be amended to bring the remaining Poker Lake Unit 13 24 PC wells into the project once the NSP discussion/issue is resolved.
- Additionally, there are several Poker Lake Unit 13 24 PC wells which will need new change of plans submitted that includes the amended
  casing and directional plans as the well design for those wells have been altered from the currently approved APD on record. Currently, it
  appears that the following wells fall into this group:

30-015-53558	Poker Lake Unit 13 24 PC #108H
30-015-53556	Poker Lake Unit 13 24 PC #118H
30-015-53553	Poker Lake Unit 13 24 PC #127H
30-015-54357	Poker Lake Unit 13 24 PC #165H

#### Additional notes:

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All additional supplemental documents and information may be provided via email and should be done by replying to this email. The produced email chain will be uploaded to the file for this application.

Please note that failure to take steps to address each of the requests made in this email within 10 business days of receipt of this email may result in the Division rejecting the application requiring the submittal of a new application by the applicant once it is prepared to address each of the topics raised.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

## STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

### APPLICATION FOR SURFACE COMMINGLING SUBMITTED BY XTO PERMIAN OPERATING, LLC

**ORDER NO. CTB-1120** 

### **ORDER**

The Director of the New Mexico Oil Conservation Division ("OCD"), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

### **FINDINGS OF FACT**

- 1. XTO Permian Operating, LLC ("Applicant") submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells as described in Exhibit A ("Application").
- 2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
- 3. Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
- 4. Applicant provided notice of the Application to the Bureau of Land Management ("BLM") or New Mexico State Land Office ("NMSLO"), as applicable.
- 5. Applicant in the notice for the Application stated that it sought authorization to prospectively include additional pools, leases, and wells in accordance with 19.15.12.10 C.(4)(g) NMAC.
- 6. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease as described in Exhibit A.
- 7. Applicant submitted or intends to submit one or more application(s) to the BLM or NMSLO, as applicable, to form or revise a participating area ("PA") and has identified the acreage of each lease within each spacing unit ("PA Pooled Area") to be included in the application(s), as described in Exhibit A.

### **CONCLUSIONS OF LAW**

8. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.

Order No. CTB-1120 Page 1 of 5

- 9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10 A.(2) NMAC, 19.15.12.10 C.(4)(c) NMAC, and 19.15.12.10 C.(4)(e) NMAC, as applicable.
- 10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9 A.(5) NMAC and 19.15.23.9 A.(6) NMAC, as applicable.
- 11. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10 B.(1) NMAC or 19.15.12.10 C.(1) NMAC, as applicable.
- 12. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10 B.(3) NMAC and 19.15.12.10 C.(4)(h) NMAC.
- 13. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10 C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
- 14. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

### **ORDER**

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells as described in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells as described in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

2. No later than sixty (60) days after the BLM or NMSLO, as applicable, approves Applicant's paying well determination for a well, Applicant shall submit to the BLM or NMSLO an application to form or revise a PA that includes the PA Pooled Area as defined in Applicant's Form C-102 ("PA Application"). If Applicant fails to submit the PA Application, this Order shall terminate on the following day. No later than sixty (60) days after the BLM or NMSLO approves or denies the PA Application, Applicant shall submit a Form C-103 to OCD with a copy of the decision. If Applicant withdraws or the BLM or NMSLO denies the PA Application, this Order shall terminate on the date of such action. If the BLM or NMSLO approves but modifies the PA Application, Applicant shall comply with the approved PA,

Order No. CTB-1120 Page 2 of 5

and no later than sixty (60) days after such decision, Applicant shall submit a new surface commingling application to OCD to conform this Order with the approved PA if the formation or dedicated lands are modified or if a modification is made that will affect this Order. If Applicant fails to submit the new surface commingling application or OCD denies the new surface commingling application, this Order shall terminate on the date of such action.

Applicant shall allocate the oil and gas production to each lease within a PA Pooled Area in proportion to the acreage that each lease bears to the entire acreage of the PA Pooled Area until the PA Pooled Area is included in a PA. After a PA Pooled Area is included in a PA, the oil and gas production from the PA Pooled Area shall be allocated as required by the BLM's or NMSLO's, as applicable, approval of the PA, including any production that had been allocated previously in accordance with this Order.

- 3. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.
- 4. The allocation of oil and gas production shall be based on the production life of each well as measured for three periods: (a) the initial production period shall be measured from the first production until the earlier of either the peak production rate or thirty (30) days after the first production; (b) the plateau period shall be measured from the end of the initial production period to the peak decline rate; and (c) the decline period shall be measured from the end of the plateau period until the well is plugged and abandoned.

During the initial production period, the oil and gas production for each well identified in Exhibit A shall be allocated using a production curve calculated from a minimum of ten (10) well tests per month, except that any day in which a well test cannot achieve an accurate result due to a temporary change in oil and gas production shall not be included in the computation of time determining the well test schedule. The production curve shall be calculated by interpolating daily production for each day using the known daily production obtained by well tests and shall use a method of interpolation that is at minimum as accurate as maintaining a constant rate of change for each day's production between the known daily production values.

During the plateau period, the oil and gas production for each well identified in Exhibit A shall be allocated using a minimum of three (3) well tests per month.

During the decline period, the oil and gas production for each well identified in Exhibit A shall be allocated as follows: (a) a minimum of three (3) well tests per month when the decline rate is greater than twenty-two percent (22%) per month; (b) a minimum of two (2) well tests per month when the decline rate is between twenty-two percent (22%) and ten

Order No. CTB-1120 Page 3 of 5

percent (10%) per month; and (c) a minimum of one (1) well test per month when the decline rate is less than ten percent (10%) per month.

Upon OCD's request, Applicant shall submit a Form C-103 to the OCD Engineering Bureau that contains the decline rate curve and other relevant information demonstrating the production life of a well.

Applicant shall conduct a well test by separating and metering the oil and gas production from that well for either (a) a minimum of twenty-four (24) consecutive hours; or (b) a combination of nonconsecutive periods that meet the following conditions: (i) each period shall be a minimum of six (6) hours; and (ii) the total duration of the nonconsecutive periods shall be a minimum of eighteen (18) hours.

The well test requirements of this Order shall be suspended for any well shut-in for a period that continues for more than fifteen (15) days until the well commences production.

- 5. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
- 6. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8 B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8 E. NMAC.
- 7. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10 C.(2) NMAC.
- 8. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
- 9. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10 C.(4)(g) NMAC, provided the pools, leases, and subsequently drilled wells are within the identified parameters included in the Application.
- 10. If a well is not included in Exhibit A but produces from a pool and lease as described in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form

Order No. CTB-1120 Page 4 of 5

- C-103 shall reference this Order and identify the well, proposed method to determine the allocation of oil and gas production to it, and the location(s) that commingling of its production will occur.
- 11. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
- 12. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
- 13. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**DATE: 3/12/2025** 

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

**GERASIMOS RAZATOS** 

DIRECTOR (ACTING)

Order No. CTB-1120 Page 5 of 5

### State of New Mexico Energy, Minerals and Natural Resources Department

### Exhibit A

Order: CTB-1120

**Operator: XTO Permian Operating, LLC (373075)** 

Central Tank Battery: Poker Lake Unit 13 PC Central Vessel Battery

Central Tank Battery Location: UL G, Section 13, Township 24 South, Range 29 East Gas Title Transfer Meter Location: UL G, Section 13, Township 24 South, Range 29 East

### **Pools**

Pool Name Pool Code
PURPLE SAGE; WOLFCAMP (GAS) 98220

Leases as	defined in	19.15.12.7	$(\mathbf{C})$	) NMAC
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Leases as defined in 17.13.12.7(C) 141111C		
Lease	UL or Q/Q	S-T-R
DDODOGED DA Wolfgama Dalvar I alsa Unit	E/2	13-24S-29E
PROPOSED PA Wolfcamp Poker Lake Unit	<b>E/2</b>	24-24S-29E
	<b>SE/4</b>	1-24S-29E
PROPOSED PA Wolfcamp Poker Lake Unit	<b>E/2</b>	12-24S-29E
	<b>NE/4</b>	13-24S-29E

Wells				
Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-015-54010	Poker Lake Unit 13 1 PC #105H	E/2	13-24S-29E	98220
30-015-54010	Foker Lake Unit 15 1 FC #105H	<b>E/2</b>	24-24S-29E	90220
30-015-53565	Poker Lake Unit 13 1 PC #107H	<b>E/2</b>	13-24S-29E	98220
30-013-33303	Foker Lake Unit 13 1 PC #10/H	<b>E/2</b>	24-24S-29E	90220
30-015-54012	Poker Lake Unit 13 1 PC #116H	E/2	13-24S-29E	98220
30-015-54012	Foker Lake Unit 15 1 FC #110H	<b>E/2</b>	24-24S-29E	90220
20 015 52562	30-015-53563 Poker Lake Unit 13 1 PC #118H	E/2	13-24S-29E	98220
30-013-33303		<b>E/2</b>	24-24S-29E	90220
30-015-53562	Poker Lake Unit 13 1 PC #125H	E/2	13-24S-29E	98220
30-015-55502	Foker Lake Unit 15 1 FC #125H	<b>E/2</b>	24-24S-29E	90220
30-015-53554	Poker Lake Unit 13 1 PC #127H	E/2	13-24S-29E	98220
30-013-33334	FORET LAKE UNIT 13 1 PC #12/H	<b>E/2</b>	24-24S-29E	90220
20.015.525(0	Poker Lake Unit 13 1 PC #158H	E/2	13-24S-29E	00220
30-015-53560	Poker Lake Unit 13 1 PC #158H	<b>E/2</b>	24-24S-29E	98220
30-015-54013	Poker Lake Unit 13 1 PC #165H	E/2	13-24S-29E	98220
30-015-54013	Foker Lake Unit 15 1 FC #105H	<b>E/2</b>	24-24S-29E	90220
30-015-54014 Poker	Poker Lake Unit 13 1 PC #167H	E/2	13-24S-29E	00220
	Poker Lake Unit 13 1 PC #10/H	<b>E/2</b>	24-24S-29E	98220
	-015-54359 Poker Lake Unit 13 24 PC #106H	SE/4	1-24S-29E	
30-015-54359		<b>E/2</b>	12-24S-29E	98220
		<b>NE/4</b>	13-24S-29E	

		SE/4	1-24S-29E	
30-015-53557	Poker Lake Unit 13 24 PC #116H	<b>E/2</b>	12-24S-29E	98220
		<b>NE/4</b>	13-24S-29E	
		SE/4	1-24S-29E	
30-015-54358	Poker Lake Unit 13 24 PC #125H	<b>E/2</b>	12-24S-29E	98220
		<b>NE/4</b>	13-24S-29E	
		SE/4	1-24S-29E	
30-015-54357	Poker Lake Unit 13 24 PC #165H	<b>E/2</b>	12-24S-29E	98220
		NE/4	13-24S-29E	

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General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 384045

### **CONDITIONS**

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	384045
	Action Type:
	[C-107] Surface Commingle or Off-Lease (C-107B)

### CONDITIONS

Created By		Condition Date
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please email us at OCD.Engineer@emnrd.nm.gov.	3/12/2025