	UNITED STATES EPARTMENT OF THE INT UREAU OF LAND MANAGI	Arte TERIOR EMENT	SIA F O Exp 5. Lease Serial	ORM APPROVED MB NO. 1004-0137 ires: January 31, 2018 No.
SUNDRY Do not use th abandoned we	NOTICES AND REPOR is form for proposals to du ell. Use form 3160-3 (APD)	ΓS ON WELLS rill or to re-enter an for such proposals.	NMLC0630 6. If Indian, All	079A ottee or Tribe Name
SUBMIT IN	TRIPLICATE - Other instru	ctions on page 2	7. If Unit or CA	/Agreement, Name and/or N
1. Type of Well		·····	8. Well Name ar	nd No.
Oil Well Gas Well Ot Ot Name of Operator XTO DE DAMAN ODE DATING	her Contact: KI	ELLY KARDOS	9. API Well No	
3a. Address	DC 6	Dxtoenergy.com b. Phone No. (include area code)	10. Field and Po	bol or Exploratory Area
MIDLAND, TX 79707		-11. 432-020-4374	WILDCAT	BONE SPRING
4. Location of Well <i>(Foolage, Sec., I</i> Sec 25 T25S R30E Mer NMP	1., R., M., or Survey Description) P SENW 1650FNL 1835FWL		11. County or P EDDY COI	arish, State JNTY, NM
12 CHECK THE A	PPROPRIATE BOX(ES) TO		NOTICE REPORT OR	
			C Descharting (Start/Daw	
Notice of Intent	Alter Casing	Hydraulic Fracturing	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Abandon	Change to Origin PD
12 Dec. 1 - Dec. 1 - 10				
following completion of the involved testing has been completed. Final Al determined that the site is ready for f	rk will be performed or provide the 1 operations. If the operation result bandonment Notices must be filed final inspection.	Bond No. on file with BLM/BIA is in a multiple completion or reco only after all requirements, includi	Required subsequent reports m npletion in a new interval, a For- ng reclamation, have been comp	ust be filed within 30 days m 3160-4 must be filed once leted and the operator has
Attach the Bold under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for f XTO Permian Operating, LLC 1. Change BHL from 2440'FN	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to mak IL & 1670'FWL, Sec. 12-T26	e Bond No. on file with BLM/BIA is in a multiple completion or reco- only after all requirements, includi the the following changes to to S-R30E to 200'FSL & 2010'	Required subsequent reports m npletion in a new interval, a Forn ng reclamation, have been comp he original APD: FWL, Sec. 36-T25S-R30E	ust be filed within 30 days m 3160-4 must be filed once leted and the operator has
Attach the Bold under which the wo following completion of the involver testing has been completed. Final A determined that the site is ready for f XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to mak IL & 1670'FWL, Sec. 12-T26 C Bone Spring (Oil) to Purple	Bond No. on file with BLM/BIA is in a multiple completion or reco- only after all requirements, includi the the following changes to to S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas)	Required subsequent reports m mpletion in a new interval, a Forn ng reclamation, have been comp he original APD: FWL, Sec. 36-T25S-R30E	ust be filed within 30 days m 3160-4 must be filed once leted and the operator has
Attach the bold under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for f XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change form a 3-string cas	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 C Bone Spring (Oil) to Purple sing design to a 4-string casi	Bond No. on file with BLM/BIA s in a multiple completion or reco- only after all requirements, includi the the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ng design.	Required subsequent reports m npletion in a new interval, a Forn ng reclamation, have been comp he original APD: FWL, Sec. 36-T25S-R30E	JUL 2 3 2015
 Attach the Bold under which the wo following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change formation from WC 3. Change from a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Uni Poker Lake Unit 25 BD 123H With floats holding, no pressu 	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casi requests a variance to be a t 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a	Bond No. on file with BLM/BIA s in a multiple completion or reco- only after all requirements, includi the the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ing design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the w nnulus, and the installation	Required subsequent reports m npletion in a new interval, a Forn ng reclamation, have been comp he original APD: FWL, Sec. 36-T25S-R30E ake Unit 25 BD 7" casing on the TION ell is static.	JUL 2 3 2019 JUL 2 3 2019 JUL 2 3 2019
Attach the Bond under which the wo following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change form a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Uni Poker Lake Unit 25 BD 123H With floats holding, no pressu	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casis requests a variance to be a t 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a	Bond No. on file with BLM/BIA s in a multiple completion or reco- only after all requirements, includi at the following changes to t S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ng design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the w nnulus, and the installation	Required subsequent reports m npletion in a new interval, a Forn ng reclamation, have been comp he original APD: FWL, Sec. 36-T25S-R30E ake Unit 25 BDTTACI 7" casing on the TION ell is static. of a 10K TA	JUL 2 3 2019 JUL 2 3 2019 JUL 2 3 2019 JUL 2 3 2019
 Attach the bold under which the work following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change form a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Unit Poker Lake Unit 25 BD 123H With floats holding, no pressu 	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casi requests a variance to be a to 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a s true and correct. Electronic Submission #47 // For XTO PERMIAN Committed to AFIVISS for p	Bond No. on file with BLM/BIA is in a multiple completion or reco- only after all requirements, includi ate the following changes to t S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ng design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the w nnulus, and the installation	Required subsequent reports m npletion in a new interval, a Forn ng reclamation, have been comp he original APD: FWL, Sec. 36-T25S-R30E WL, Sec. 36-T25S-R30E ake Unit 25 BD 7" casing on the TION ell is static. of a 10K TA	JUL 2 3 2019 JUL 2 3 2019 JUL 2 3 2019 JED FOR
Attach the bold under which the wo following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change form a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Uni Poker Lake Unit 25 BD 123H With floats holding, no pressu 14. Thereby certify that the foregoing is Name (Printed/Typed) KELLY KA	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casis requests a variance to be a t 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a s true and correct. Electron Submission #47 For XTO PERMIAN Committed to AFMSS for p ARDOS	Bond No. on file with BLM/BIA is in a multiple completion or reco- only after all requirements, includi the the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ing design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the will nulus, and the installation 1344 verified by the BLM Well OPERATING, LLC, sent to the rocessing by PRISCILLA PER Title REGUL/	Required subsequent reports m npletion in a new interval, a Forn ng reclamation, have been comp he original APD: FWL, Sec. 36-T25S-R30E WL, Sec. 36-T25S-R30E ake Unit 25 BD 7" casing on the TION ell is static. of a 10K TA Information System be Carlsbad EEZ on 07/01/2019 () ATORY COORDINATOR	JUL 2 3 2019 JUL 2 3 2019 JUL 2 3 2019
Attach the Bond under which the work following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change formation from WC 3. Change from a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Unit 25 BD 123H With floats holding, no pressu 14. Thereby certify that the foregoing is Name (Printed/Typed) KELLY KA Signature (Electronic S)	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casis requests a variance to be a it 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a s true and correct. Electronic Submission #47 For XTO PERMIAN Committed to AFMSS for p ARDOS	Bond No. on file with BLM/BIA s in a multiple completion or reco- only after all requirements, includi at the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ing design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the will operating by the BLM Well OPERATING, LLC, sent to the rocessing by PRISCILLA PER Title REGUL/ Date 07/01/20	Information System e Carlsbad LEZ on 07/01/2019 () ATORY COORDINATOR 19	JUL 2 3 2019 JUL 2 3 2019 JUL 2 3 2019
Attach the Bond under which the work following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change form a 3-string cas XTO Permian Operating, LLC 1. Change form a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Unit Poker Lake Unit 25 BD 123H With floats holding, no pressu 14. Thereby certify that the foregoing is Name (Printed/Typed) KELLY KA Signature (Electronic S)	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casis requests a variance to be a ti 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a s true and correct. Electron CSubmission #47 For XTO PERMIAN Committed to AFMSS for p ARDOS Submission)	Bond No. on file with BLM/BIA is in a multiple completion or reco- only after all requirements, includi at the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ing design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the will operating, LLC, sent to the rocessing by PRISCILLA PER Title REGUL/ Date 07/01/20	Information System te Carlsbad EC and COORDINATOR 19 19 19 19 19 19 19 19 19 19	JUL 2 3 2019 JUL 2 3 2019 JUL 2 3 2019 JED FOR
Attach the Bond under which the wo following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change from a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Uni Poker Lake Unit 25 BD 123H With floats holding, no pressu 14. Thereby certify that the foregoing is Name (Printed/Typed) KELLY KA Signature (Electronic S Approved By	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casis requests a variance to be a t 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a s true and correct. Electron Submission #47 For XTO PERMIAN Committed to AFMSS for p ARDOS Submission) THIS SPACE/FOR	Bond No. on file with BLM/BIA s in a multiple completion or reco- only after all requirements, includi the the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ing design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the winnulus, and the installation 1344 verified by the BLM Well OPERATING, LLC, sent to the processing by PRISCILLA PER Title REGUL/ Date 07/01/20	Information System e Carlsbad E Carlsbad E Carlsbad E Corp COORDINATOR 19 DFFICE USE Inter U	JUL 2 3 2019 JUL 2 3 3 3 2019 JUL 2 3 3 3 3 3 3 3 3 3
Attach the Bond under which the wo following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change from a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Uni Poker Lake Unit 25 BD 123H With floats holding, no pressu 14. Thereby certify that the foregoing is Name (Printed/Typed) KELLY K/ Signature (Electronic S Approved By Conditions of approval of any, are attache certify that the applicant holds legal or eq which yould entitle the applicant to cond	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make IL & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casis requests a variance to be a it 25 BD 903H (30-015-4586 and ensure that the well is c ire on the intermediate csg a s true and correct. Electronic Submission #47 For XTO PERMIAN Committed to AFMSS for p ARDOS Submission) THIS SPACE/FOR d. Approval of this notice does no nitablefutlefut those rights in the su to operations thereon	Bond No. on file with BLM/BIA s in a multiple completion or reco- only after all requirements, includi at the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ing design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the will operating by the BLM Well OPERATING, LLC, sent to the rocessing by PRISCILLA PER Title REGUL/ Date 07/01/20 FEDERAL OR STATE O Unit of the State of the State of the twarrant of beet lease Office	Information System ac Carlsbad EC and CORDINATOR Information System ac Carlsbad EC an 07/01/2019 () ATORY COORDINATOR 19 DFFICE USE BUBEALLOF LAND MAN	ISTRICAL APPEND
Attach the Bond under which the wo following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change from a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Uni Poker Lake Unit 25 BD 123H With floats holding, no pressu 14. Thereby certify that the foregoing is Name (Printed/Typed) KELLY KA Signature (Electronic S Approved By Conditions of approval of any, are attached certify that the applicant holds legal or equivalent the applicant to condu- Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casis requests a variance to be a at 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a strue and correct. Electrone/Submission #47 For XTO PERMIAN Committed to AFMSS for p ARDOS Submission) THIS SPACE/FOR d. Approval of this net/ce does no nitable/itte/to those rights in the su id operations thereory U.S.C. Section 1212, make it a crii statements or representations as to	 Bond No. on file with BLM/BIA s in a multiple completion or recor- only after all requirements, includi as the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ing design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the with nulus, and the installation 1344 verified by the BLM Well OPERATING, LLC, sent to the processing by PRISCILLA PER Title REGUL/ Date 07/01/20 FEDERAL OR STATE C Under The State Office 	Information System e Carlsbad EZ on 07/01/2019 () ATORY COORDINATOR 19 DFFICE USE BUREAU OF LAND MAN willfullROSWEW25/19440	ISTRICT AND ADDRESS AND ADDRES
Attach the Bond under which the wo following completion of the involver testing has been completed. Final A determined that the site is ready for 1 XTO Permian Operating, LLC 1. Change BHL from 2440'FN 2. Change formation from WC 3. Change from a 3-string cas XTO Permian Operating, LLC 123H and the Poker Lake Uni Poker Lake Unit 25 BD 123H With floats holding, no pressu 14. Thereby certify that the foregoing is Name (Printed/Typed) KELLY KA Signature (Electronic S Approved By Conditions of approval, if any, are attached certify that the applicant holds legal or eq which vould emitte the applicant to condu Title/18 U.S.Q. Section 1001 and Title 43 States any false, fictitious or fraudulent i (Instructions on page 2)	rk will be performed or provide the d operations. If the operation result bandonment Notices must be filed final inspection. Frequests permission to make L & 1670'FWL, Sec. 12-T26 Bone Spring (Oil) to Purple sing design to a 4-string casis requests a variance to be a it 25 BD 903H (30-015-4586 and ensure that the well is c re on the intermediate csg a strue and correct. Electron // Submission #47 // For XTO PERMIAN Committed to AFMSS for p ARDOS Submission) THIS SPACE/FOR d. Approval of this notice does no ditable/fitte/to those rights in the su uc operations thereof U.S.C. Section 1212, make it a crin statements or representations as to	Bond No. on file with BLM/BIA s in a multiple completion or reco- only after all requirements, includi at the following changes to the S-R30E to 200'FSL & 2010' Sage; Wolfcamp (Gas) ing design. ble to batch drill the Poker L 4). In doing so, XTO will set emented properly and the will operating, and the installation 1344 verified by the BLM Well OPERATING, LLC, sent to the rocessing by PRISCILLA PER Title REGUL/ Date 07/01/20 FEDERAL OR STATE O the data of the property and the pect lease office	Information System te Carlsbad EZ on 07/01/2019 () ATORY COORDINATOR 19 DFFICE USE BUREAU OF LAND MAN willfullROSWELLA SIGLATION CORE PATOR SUBMITS	IST CONTRACTS and Contracts an

Additional data for EC transaction #471344 that would not fit on the form

32. Additional remarks, continued

.

cap as per GE recommendations, XTO will contact the BLM to skid the rig to drill the Poker Lake Unit 25 BD 903H to TD. With floats holding, no pressure on the csg, and the installation of a 10K TA cap as per GE recommendations, XTO will contact the BLM to skid the rig to drill the Poker Lake Unit 25 BD 123H production hole to TD.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

480

¹⁴ Consolidation Code

State of New Mexico Energy, Minerals & Natural Resources Department **OIL CONSERVATION DIVISION** 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate **District** Office

AMENDED REPORT

		W	ELL LC	DCATION	N AND AC	REAGE DEDIC	ATION PL	AT		
· 1	API Numbe	r		² Pool Code		³ Pool Name				
30-015-45864 98220						RPLE SAGE; WC	LFCAMP	\checkmark		
¹ Property 32.5	^{Code} 339		, I ,		⁵ Property POKER LAKE	V Name UNIT 25 BD	- <i>;</i>		* We 90	ll Number)3H
⁷ ogrid 37307	Nu. 75		⁸ Operator Name XTO PERMIAN OPERATING, LLC.					9 F	Elevation 3,344'	
					¹⁰ Surface	Location	•	-	·	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from th	e North/South line	Feet from th	e East/	West line	County
F	25	25 S	30 E		1,650	NORTH	1,835	WES	т	EDDY
			<u>"</u> Bot	tom Hole	e Location	If Different Fron	n Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from th	e North/South line	Feet from th	ie East/V	West line	County
N	36	25 S	30 E		200	SOUTH	2,010	WES	г	EDDY
12 Dedicated Acre	s 13 Joint of	r Infili 14 Co	nsolidation (Code 15 Ord	ler No.			·		••••

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.

16	· · · · · · · · · · · · · · · · · · ·		
	~		¹⁷ OPERATOR CERTIFICATION
			I hereby certify that the information contained herein is true and complete
		GEODETIC COORDINATES GEODETIC COORDINATES	to the best of my knowledge and belief, and that this organization either
	+ + +	SURFACE LOCATION SURFACE LOCATION	owns a working interest or unleased mineral interest in the land including
SEC. 23 SEC. 24	i SEC. 19	T = 401,860.2 $T = 401,918.2X = 653,730.4 X = 694,915.7$	the proposed bottom hole location or has a right to drill this well at this
+	· + · · · · · · + · · ·	LAT.= 32.103857"N LAT.= 32.103981"N LONG.= 103.836863"W LONG.= 103.837343"W	location pursuant to a contract with an owner of such a mineral or working
		FIRST TAKE POINT FIRST, TAKE POINT	interest, or to a voluntary pooling agreement or a compulsory pooling
		NAD 27 NME NAD 83 NME Y= 400 499 9 Y= 400 557 8	order heretofore entered by the division.
		X = 653,902.0 $X = 695,087.4$	SV 00 SV
+ +	- + +	LONG.= 103.836329'W LONG.= 103.836808'W	7-1-19
1,835	RID AZ = 172 48 23		Signature Date
AL BH	IORIZ. DIST.=1,371.22	CORNER COORDINATES TABLE NAD 27 NME	Kelly Kardos
2,010		A - Y= 400,845.0 N, X= 653,224.3 E B - Y= 400,851.7 N, X= 654,555 P 5	Printed Name
N I I TT	1.P.	C - Y= 398,185.5 N, X= 653,217.9 E	
	SEC. + 25 - SEC. + 30	$v = \tau = 398,193.9$ N, X= 654,548.9 E E = Y= 395,525.4 N, X= 653,229.4 E	kelly_kardos@xtoenergy.com
SEC. 26	R30E R31E	F - T= 395,536.1 N, X= 654,559.9 E G - Y= 392,863.6 N, X= 653,241.1 E	E-mail Address
Ci D	· · · · · · · · · · · · · · · · · · ·	H - Y= 392,873.8 N, X= 654,571.0 E	
		CORNER COORDINATES TABLE	ISURVEYOR CERTIFICATION
	30 ⁺ + - ·	A - Y= 400,902.9 N, X= 694,409.7 E	<i>I hereby certify that the well location shown on this</i>
SEC. 35	SEC. 36 SEC. 31	C - Y = 398,243.4 N, X = 694,403.4 E	plat was platted from field notes of actual survey
	-+++	U - T = 398,251.8 N, $X = 695,734.4$ E E - Y = 395,583.2 N, $X = 694,415.0$ E	più sus pionea from fiera noies of actual surveys
	RID AZ = 179'51'31"	r - Y= 395,593.9 N, X= 695,745.5 E G - Y= 392,921.4 N, X= 694,426.7 E	made by me or under my supervision, and that the
	ORIZ. DIST.=7,431.20'	H - Y= 392,931.6 N, X= 695,756.7 E	same is true and correct to the best of my belief.
2.010	Г.Р.)	LAST TAKE POINT	12 2010
2,010'B.	H.L.	NAD 27 NME NAD 83 NME	HOILLON &
G A A H	T265 T265	T= 393,198.8 Y= 393,256.6 X= 653,919.6 X= 695,105.2	Date of Survey
200	R30E R31E	LAT.= 32.080045'N LAT.= 32.080169'N LONG.= 103.836381'W LONG.= 103.836860'W	Signatue and Seal of
	- 	BOTTOM HOLE LOCATION BOTTOM HOLE LOCATION	Professional Surveyor:
SEC. 2	SEC. 1 SEC. 6	NAD 27 NME NAD 83 NME	
	-+++	X= 653,920.2 X= 695,105.8	
		LAT.= 32.079687'N LAT.= 32.079812'N LONG.= 103.836381'W LONG.= 103.836860'W	WILL OA
l++++++	- + + - ·		ESSIONAL CURY
			MARK DILLON HARP 23786
	<u> </u>		Certificate Number JC 2018010049
· ·		•	

P1PROJECTS(2018)2018010049-XTO-POKER LAKE UNIT 25 BD 124H-EDDY/DWG/2018010049-XTO-Adoba DDE PWP 10-25-19

Intent X As Drilled API # 30-015-45864		. · · ·
Operator Name:	Property Name:	Well Number
XTO Permian Operating, LLC	Poker Lake Unit 25 BD	903H

Kick Off Point (KOP)

UL F	Section 25	Township 25S	Range 30E	Lot	Feet 1650	From N/S North	Feet 1835	From E/W West	County Eddy	•
Latitude				Longitude	Longitude				NAD	
32.1	103981				-103.8	37343			NAD83	

First Take Point (FTP)

UL K	Section 25	Township	Range 30E	Lot	Feet 2310	From N/S South	Feet 2010	From E/W West	County Eddy
Latitu 32.1	^{ide} 100239)			Longitude	36808		• .	NAD NAD83

Last Take Point (LTP)

UL N	Section 36	Township 25S	Range 30E	Lot	Feet 330	From N/S South	Feet 2010	From E/W West	County Eddy	
Latite 32.0	^{ude} 080169)			Longit	ude .836860			NAD NAD83	

Is this well the defining well for the Horizontal Spacing Unit?

Is this well an infill well?

1V

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name: XTO Permian Operating, LLC	Property Name: Poker Lake Unit 25 BD	Well Number 202H

KZ 06/29/2018

DRILLING PLAN: BLM COMPLIANCE (Supplement to BLM 3160-3)

XTO Energy Inc. Poker Lake Unit 25 Brushy Draw 903H Projected TD: 19310' MD / 11495' TVD SHL: 1650' FNL & 1835' FWL , Section 25, T25S, R30E BHL: 200' FSL & 2010' FWL , Section 36, T25S, R30E Eddy County, NM

1. Geologic Name of Surface Formation A. Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth (TVD)	Water/Oil/Gas
Rustler	1029'	Water
Top of Salt	1217'	Water
Base of Salt .	3807'	Water .
Delaware	4019'	Water
Bone Spring	7886'	Water
1st Bone Spring Ss	8886'	Water/Oil/Gas
2nd Bone Spring Ss	9629'	Water/Oil/Gas
3rd Bone Spring Ss	10829'	Water/Oil/Gas
Wolfcamp Shale	11181'	Water/Oil/Gas
Wolfcamp X	11213'	Water/Oil/Gas
Wolfcamp Y	11292	Water/Oil/Gas
Wolfcamp A	11295'	Water/Oil/Gas
Target/Land Curve	11495'	Water/Oil/Gas

*** Hydrocarbons @ Brushy Canyon

*** Groundwater depth 40' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13 3/8" inch casing @ 1130' (87' above the salt) and circulating cement back to surface. The salt will be isolated by setting 9-5/8" inch casing at 3950' and circulating cement to surface. The second intermediate will isolate from the salt down to the next casing seat by setting 7-0" inch casing through the curve at 11825' and bringing TOC back 200' inside the previous shoe. A 6-0" inch curve and lateral hole will be drilled to MD/TD and a 4-1/2 inch liner will be set at TD and cemented.

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
17-1/2"	0' – 1130'	13 3/8"	⁻ 54.5	STC	J-55	New	2.23	2.21	8.35
12-1/4"	0' – 3950'	9-5/8"	40	STC .	J-55	New	1.11	2.07	2.86
8-3/4"	0' – 11825'	7-0"	32	BTC	P-110	New	1.31	1.75	2.37
6-0"	10,834' – 19310'	4-1/2"	13.5	BTC	P-110	New	1.31	1.56	2.16

· XTO requests to not utilize centralizers in the curve and lateral

 \cdot 9-5/8" Collapse analyzed using 50% evacuation based on regional experience.

4-1/2" Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35

· Test on Casing will be limited to 70% burst of the casing or 1500 psi, whichever is less

Wellhead:

<u>Permanent Wellhead – GE RSH Multibowl System</u> A. Starting Head: 13-5/8" 5M top flange x 13-3/8" SOW bottom

B. Tubing Head: 13-5/8" 5M bottom flange x 7-1/16" 10M top flange

- Wellhead will be installed by manufacturer's representatives.
 - Manufacturer will monitor welding process to ensure appropriate temperature of seal.
 - Operator will test the 7-0" casing per BLM Onshore Order 2
 - · Wellhead Manufacturer representative will not be present for BOP test plug installation

4. Cement Program

Surface Casing: 13 3/8", 54.5 New J-55, STC casing to be set at +/- 1130'

 Lead:
 610
 sxs
 EconoCem-HLTRRC (mixed at 12.9 ppg, 1.87 ft3/sx, 10.13 gal/sx water)

 Tail:
 300
 sxs
 Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

 Compressives:
 12-hr =
 900 psi
 24 hr = 1500 psi

 TOC @ Surface
 Surface
 12-hr =
 12-hr =

1st Intermediate Casing: 9-5/8", 40 New J-55, STC casing to be set at +/- 3950'

Lead: 1050 sxs EconoCem-HLTRRC (mixed at 12.9 ppg, 1.87 ft3/sx, 10.13 gal/sx water) Tail: 360 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water) Compressives: 12-hr = 900 psi 24 hr = 1500 psi TOC @ Surface

2nd Intermediate Casing: 7-0", 32 New P-110, BTC casing to be set at +/- 11825'

Lead: 1130 sxs Halcem-C + 2% CaCl (mixed at 12.9 ppg, 1.88 ft3/sx, 9.61 gal/sx water) Tail: 220 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water) Compressives: 12-hr = 900 psi 24 hr = 1500 psi TOC @ 3700

Production Liner: 4-1/2", 13.5 New P-110, BTC casing to be set at +/- 19310'

 Tail: 600 sxs VersaCem (mixed at 13.2 ppg, 1.61 ft3/sx, 8.38 gal/sx water)

 Compressives:
 12-hr =
 1375 psi
 24 hr = 2285 psi

5. Pressure Control Equipment

Once the permanent WH is installed on the 13-3/8 casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M 3-Ram BOP. MASP should not exceed 4345 psi. In any instance where 10M BOP is required by BLM, XTO requests a variance to utilize 5M annular with 10M ram preventers (a common BOP configuration, which allows use of 10M rams in unlikely event that pressures exceed 5M). Also a variance is requested to test the 5M annular to 70% of working pressure at 3500 psi.

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nippling up on the 13 3/8", 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nippling up on the 7-0", the BOP will be tested to a minimum of 5000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

XTO requests a variance to be able to batch drill this well if necessary. In doing so, XTO will set 7" casing and ensure that the well is cemented properly and the well is static. With floats holding, no pressure on the csg annulus, and the installation of a 10K TA cap as per GE recommendations, XTO will contact the BLM to skid the rig to drill the remaining wells on the pad. Once surface and both intermediate strings are all completed, XTO will begin drilling the production hole on each of the wells.

6. Proposed Mud Circulation System

	A F [4				
INTÉRVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' - 1130'	17-1/2"	FW/Native	8.4-8.8	35-40	NC
1130' - 3950'	12-1/4"	Brine	9.8-10.2	30-32	NC
3950' to 11825'	8-3/4"	FW / Cut Brine	8.7-10.0	32-36	NC
11825' to 19310'	6-0"	Cut Brine / Polymer / OBM	11.2 - 11.5	32-50	NC - 20

The necessary mud products for weight addition and fluid loss control will be on location at all times.

Spud with fresh water/native mud. Drill out from under 13-3/8" surface casing with brine solution. A 9.8-10.2 ppg brine mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

- A. A Kelly cock will be in the drill string at all times.
- B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
- C. H2S monitors will be on location when drilling below the 9-5/8" casing.

8. Logging, Coring and Testing Program

Mud Logger: Mud Logging Unit (2 man) below intermediate casing.

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 150 to 170.F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 6874 psi.

10. Anticipated Starting Date and Duration of Operations

Road and location construction will begin after Santa Fe and BLM have approved the APD. Anticipated spud date will be as soon after Santa Fe and BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 45 days. If production casing is run, an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.





. . .

. . .







10,000 PSI Annular BOP Variance Request

XTO Energy/XTO Permian Op. request a variance to use a 5000 psi annular BOP with a 10,000 psi BOP stack. The component and compatibility tables along with the general well control plans demonstrate how the 5000 psi annular BOP will be protected from pressures that exceed its rated working pressure (RWP). The pressure at which the control of the wellbore is transferred from the annular preventer to another available preventer will not exceed 3500 psi (70% of the RWP of the 5000 psi annular BOPL).

1. Component and Preventer Compatibility Tables

The tables below outline the tubulars and the compatible preventers in use. This table, combined with the drilling fluid, documents that two barriers to flow will be maintained at all times.

8-1/2" Production Hole Section 10M psi Requirement										
Component	OD	Primary Preventer	RWP	Alternate Preventer(s)	RWP					
Drillpipe	5.000" or	Annular	5M	Upper 3.5"-5.5" VBR	10M					
· .	4.500"	· ·		Lower 3.5"-5.5" VBR	10M					
HWDP .	5.000" or	Annular	5M	Upper 3.5"-5.5" VBR	10M					
	4.500"			Lower 3.5"-5.5" VBR	10M					
Jars	6.500"	Annular	5M	-	-					
DCs and MWD tools	6.500"-8.000"	Annular	5M		-					
Mud Motor	6.750"-8.000"	Annular	5M	-						
Production Casing	5-1/2"	Annular	5M	- · · ·						
Open-Hole		Blind Rams	10M		-					

2. Well Control Procedures

Below are the minimal high-level tasks prescribed to assure a proper shut-in while drilling, tripping, running casing, pipe out of the hole (open hole), and moving the BHA through the BOPs. At least one well control drill will be performed weekly per crew to demonstrate compliance with the procedure and well control plan. The well control drill will be recorded in the daily drilling log. The type of drill will be determined by the ongoing operations, but reasonable attempts will be made to vary the type of drill conducted (pit, trip, open hole, choke, etc.). This well control plan will be available for review by rig personnel in the XTO Energy/Permian Operating drilling supervisor's office on location and on the rig floor. All BOP equipment will be tested as per Onshore O&G Order No. 2 with the exception of the 5000 psi annular which will be tested to 70% of its RWP.

General Procedure While Drilling

1. Sound alarm (alert crew)

2. Space out drill string

- 3. Shut down pumps (stop pumps and rotary)
- 4. Shut-in well (uppermost applicable BOP, typically annular preventer, first. HCR & choke will already be in the closed position.)
- 5. Confirm shut-in
- 6. Notify toolpusher/company representative
- 7. Read and record the following:
 - a. SIDPP & SICP
 - b. Pit gain
 - c. Time
- 8. Regroup and identify forward plan

9. If pressure has built or is anticipated during the kill to reach 70% or greater of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure While Tripping

- 1. Sound alarm (alert crew)
- 2. Stab full-opening safety valve & close
- 3. Space out drill string
- 4. Shut-in well (uppermost applicable BOP, typically annular preventer, first. HCR & choke will already be in the closed position.)
- 5. Confirm shut-in
- 6. Notify toolpusher/company representative
- 7. Read and record the following:
 - a. SIDPP & SICP
 - b. Pit gain
 - c. Time
- 8. Regroup and identify forward plan
- 9. If pressure has built or is anticipated during the kill to reach 70% of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure While Running Production Casing

- 1. Sound alarm (alert crew)
- 2. Stab crossover and full-opening safety valve and close
- 3. Space out string
- 4. Shut-in well (uppermost applicable BOP, typically annular preventer, first. HCR & choke will already be in the closed position.)
- 5. Confirm shut-in
- 6. Notify toolpusher/company representative
- 7. Read and record the following:
 - a. SIDPP & SICP
 - b. Pit gain
 - c. Time
- 8. Regroup and identify forward plan
- 9. If pressure has built or is anticipated during the kill to reach 70% or greater of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure With No Pipe In Hole (Open Hole)

- 1. Sound alarm (alert crew)
- 2. Shut-in with blind rams (HCR & choke will already be in the closed position)
- 3. Confirm shut-in
- 4. Notify toolpusher/company representative
- 5. Read and record the following:
 - a. SICP
 - b. Pit gain
 - c. Time
- 6. Regroup and identify forward plan

General Procedures While Pulling BHA Through Stack

- 1. PRIOR to pulling last joint of drillpipe through stack:
 - a. Perform flow check. If flowing, continue to (b).
 - b. Sound alarm (alert crew)
 - c. Stab full-opening safety valve and close
 - d. Space out drill string with tool joint just beneath the upper variable bore rams
 - e. Shut-in using upper variable bore rams (HCR & choke will already be in the closed position)
 - f. Confirm shut-in
 - g. Notify toolpusher/company representative
 - h. Read and record the following:
 - i. SIDPP & SICP
 - ii. Pit gain
 - iii. Time
 - i. Regroup and identify forward plan
- 2. With BHA in the stack and compatible ram preventer and pipe combination immediately available:
 - a. Sound alarm (alert crew)
 - b. Stab crossover and full-opening safety valve and close
 - c. Space out drill string with upset just beneath the upper variable bore rams
 - d. Shut-in using upper variable bore rams (HCR & choke will already be in the closed position)
 - e. Confirm shut-in
 - f. Notify toolpusher/company representative
 - g. Read and record the following:
 - i. SIDPP & SICP

- ii. Pit gain
- iii. Time
- h. Regroup and identify forward plan.
- 3. With BHA in the stack and NO compatible ram preventer and pipe combination immediately available:
 - a. Sound alarm (alert crew)
 - b. If possible, pull string clear of the stack and follow "Open Hole" procedure.
 - c. If impossible to pull string clear of the stack:
 - d. Stab crossover, make up one joint/stand of drillpipe and full-opening safety valve and close
 - e. Space out drill string with tooljoint just beneath the upper variable bore ram
 - f. Shut-in using upper variable bore ram (HCR & choke will already be in the closed position)
 - g. Confirm shut-in
 - h. Notify toolpusher/company representative
 - i. Read and record the following:
 - i. SIDPP & SICP
 - ii. Pit gain
 - iii. Time
 - j. Regroup and identify forward plan

GATES E & S NORTH AMERICA, INC DU-TEX 134 44TH STREET CORPUS CHRISTI, TEXAS 78405

PHONE: 361-887-9807 FAX: 361-887-0812 EMAIL: crpe&s@gates.com WEB: www.gates.com

GRADE D PRESSURE TEST CERTIFICATE

Costemer :	AUSTIN DISTRIBUTING	Test Date:	
Customer Ref. :	PENDING		6/8/2014
Invoice No. :	vice No. : 201709	incse benar No.:	D-06081-1-1
Ļ_		Created By:	MORI IA
		•	
Product Description:	FD3.042.0R41/16.5KFLGE/ELLE		
ad Filting 1	18 1 2 1 1 ²		
mag line to	9 1/18 III.SK FLG	Eou Fitting 2 :	4 1/16 in.5K FLG
ants Part rio. :	4774-6001	Assembly Code :	L33090011513D-060914-1
larking-Pressure :	5,000 PSI	Test Pressure :	7:500 PSI

Gates E & S North America, Inc. certifies that the following hose assembly has been tested to the Gates Oilfield Roughneck Agreement/Specification requirements and passed the 15 minute hydrostatic test per API Spec 7K/Q1, Fifth Edition, June 2010, Test pressure 9.6.7 and per Table 9 to 7,500 psi in accordance with this product number. Hose burst pressure 9.6.7.2 exceeds the minimum of 2.5 times the working pressure per Table 9.

Quality: Colu : Signature :	QUALITY // QUALITY // // ///////////////////////////////	Technical Supervisor : Date : Signature :	PRODUCTION 5/8/2014

Form: PTC - 01 Rev.0 2







XTO Energy

Eddy Co., NM Poker Lake Unit 25 BD 903H

Wellbore #1

Plan: PN2

Standard Planning Report

30 June, 2019



5		7		
. N	$\sqrt{4}$		A	
1	3		\smile	
1	ĖΝ	ER	GŶ	ł
**				

Nabors Drilling Solutions

Planning Report



3735 BE RyanUSA 32Bit Database Local Co-ordinate Reference Well 903H XTO Energy Company: TVD Reference: RT = 23 @ 3367.00ft (Nabors M7505) Project: Eddy Co., NM MD Reference: RT = 23 @ 3367.00ft (Nabors M7505) MD Réference: North Reference: Survey, Calculation Method: Poker Lake Unit 25 BD Site: Grid 57 A Well: 903H Minimum Curvature Wellbore Wellbore #1 Design PN2 Project Eddy Co., NM الرجود براجي والمرجول Map System: US State Plane 1927 (Exact solution) System Datum: Mean Sea Level NAD 1927 (NADCON CONUS) Geo Datum: Map Zone: New Mexico East 3001 Site 7 Poker Lake Unit 25 BD لتوجيعة بالمتارية Company - N Sector and the sector a transformer of the law Northing: 401,895.000 usft Site Position: Latitude: 32° 6' 14 228672 N From: Easting: Map 653,730.200 usft Longitude: 103° 50' 12.705885 W Position Uncertainty: 0.00 ft Slot Radius: 13-3/16 " Grid Convergence: 0.26 **Well** 903H మూడు ముద The sharehouse the sure state and within where we are been on Well Position +N/-S -34.80 ft Northing: 401.860.200 usft Latitude: 32° 6' 13.884275 N +E/-W 0.20 ft Easting: 653 730 400 usft Longitude: 103° 50' 12.705423 W **Position Uncertainty** 2.00 ft Wellhead Elevation: Ground Level: 3 344 00 ft Wellbore, Wellbore #1 Model Name Declination Field Strength Magnetics Sample Date **Dip Angle** ۹(nT) HDGM_FILE 6.75 6/12/2019 59.73 47 803 90000000 Dešign ---- PN2 Audit Notes: Version: Phase: PLAN Tie On Depth: 0.00 Vertical Section: Depth From (TVD), FI-W +N/-S Directio (ft) , (ft), (ft) (°) 0.00 0.00 0.00 178.76 Plan Survey Tool Program Date: 6/30/2019 Depth From \$5 Depth'To ्रे भू (ft) `(ft)+ Survey (Wellbore) Remarks Tool Name 0.00 19,309.31 PN2 (Wellbore #1) MWD+HRGM 1 OWSG MWD + HRGM Plan Sections Measured Vertical Build Turn Rate Dogleg TFO Depth Inclination (ft) (°) +N/-S Azimuth Depth +E/-W Rate Rate (°/100ft) (°) (ft) ... (ft) (ft) (°/100ft) (°/100ft) Target >(°) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 3,900.00 0.00 0.00 3,900,00 0.00 0.00 0.00 0.00 0.00 0.00 4,572.61 6.73 168.52 4,571.07 -38.65 7.85 1.00 1.00 0.00 168.52 11,031.39 6 73 168.52 10,985.39 -780.00 158.34 0.00 0.00 0.00 0.00 6.70 11,034.02 168.50 10,988.00 -780.30 158.40 1.00 -0.99 -0.95 -173.64 11,868.36 90.00 179.86 11,495.28 -1,349.49 171.53 10.00 9:98 1.36 11.44 19,310.31 90.00 179.86 11,495.00 -8,791.42 189.80 0.00 0.00 0.00 0.00 PLU 25 BD 903H - BH

6/30/2019 9:10:17PM

Page 2

COMPASS 5000.15 Build 91

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	XTO Permian Operating, LLC
LEASE NO.:	NMLC-0063079A
WELL NAME & NO.:	Poker Lake Unit 25 BD 903H
SURFACE HOLE FOOTAGE:	1650' FNL & 1835' FWL
BOTTOM HOLE FOOTAGE	0200' FSL & 2010' FWL Sec. 36, T. 25 S., R 30 E.
LOCATION:	Section 25, T. 25 S., R 30 E., NMPM
COUNTY:	Eddy County, New Mexico

Commercial Well Determination

A commercial well determination shall be submitted after production has been established for at least six months.

Unit Wells

The well sign for a unit well shall include the unit number in addition to the surface and bottom hole lease numbers. This also applies to participating area numbers. If a participating area has not been established, the operator can use the general unit designation, but will replace the unit number with the participating area number when the sign is replaced.

A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

Eddy County

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822

- 1. Hydrogen Sulfide (H2S) monitors shall be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, provide measured values and formations to the BLM.
- Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval. If the drilling rig is removed without approval – an Incident of Non-Compliance will be written and will be a "Major" violation.

3. Alternative when using skid/walking rig

The operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other wells.

4. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works is located, this does not include the dog house or stairway area.

5. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

B. CASING

Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

Wait on cement (WOC) for Water Basin:

After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least <u>8 hours</u>. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements.

Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

Possibility of water flows in the Salado and Castile. Possibility of lost circulation in the Red Beds, Rustler, and Delaware. Abnormal pressure may be encountered in the 3rd Bone Spring and all subsequent formations.

- 1. The 13-3/8 inch surface casing shall be set at approximately 1130 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface. If salt is encountered, set casing at least 25 feet above the salt.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry.
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

Formation below the 13-3/8" shoe to be tested according to Onshore Order 2.III.B.1.i. Test to be done as a mud equivalency test using the mud weight necessary for the pore pressure of the formation below the shoe and the mud weight for the bottom of the hole. Report results to BLM office.

2. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:

Cement to surface. If cement does not circulate see B.1.a, c-d above.

Formation below the 9-5/8" shoe to be tested according to Onshore Order 2.III.B.1.i. Test to be done as a mud equivalency test using the mud weight necessary for the pore pressure of the formation below the shoe (not the mud weight required to prevent dissolving the salt formation) and the mud weight for the bottom of the hole. Report results to BLM office.

Centralizers required on horizontal leg, must be type for horizontal service and a minimum of one every other joint.

3. The minimum required fill of cement behind the 7 inch production casing is:

Cement should tie-back at least 200 feet into previous casing string. Operator shall provide method of verification.

Formation below the 7" shoe to be tested according to Onshore Order 2.III.B.1.i. Test to be done as a mud equivalency test using the mud weight necessary for the pore pressure of the formation below the shoe and the mud weight for the bottom of the hole. Report results to BLM office.

4. The minimum required fill of cement behind the 4-1/2 inch production Liner is:

. Cement as proposed. Operator shall provide method of verification.

5. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

C. PRESSURE CONTROL

- 1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API 53.
- 2. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor. If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).

- 3. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 5000 (5M) psi.
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - b. If the welding is performed by a third party, the manufacturer's
 - representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - c. Manufacturer representative shall install the test plug for the initial BOP test.
 - d. Operator shall perform the 9-5/8" and 7" casing integrity tests to 70% of the casing burst. This will test the multi-bowl seals.
 - e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

5M system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.

- 4. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
 - b. The tests shall be done by an independent service company utilizing a test plug **not a cup or J-packer**.
 - c. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

d. The results of the test shall be reported to the appropriate BLM office.

Page 5 of 6

- e. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- f. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

g. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the **Wolfcamp** formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

D. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the **Wolfcamp** formation, and shall be used until production casing is run and cemented.

E. DRILL STEM TEST

If drill stem tests are performed, Onshore Order 2.III.D shall be followed.

F. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

JAM 070319