District I 1625 N. French Dr	r Habbs NN	R	ECEIV	ED S Energy, M	tate of Nev linerals & 1	w Me Natur	xico al Resources			Form C-101 May 27, 2004
District II 1301 W. Grand Av District III 1000 Rio Brazos R	District III 1301 W. Grand Avenue, Artesia, NM 8820EC 1 3 2010 District III 1000 Rio Brazos Rd.; Aztec, NM 87400BBSOCD District IV Oil Conserva 1220 S. St.							ation Divsiion Submit to appropriate I . Francis Dr.		
1220 S. St. Franci				S	Santa Fe, N	VM 8	7505		AME	ENDED REPORT
APPLIC	CATION	FOR P	ERMIT 1	O DRIL	L, RE-EN	ITER	, DEEPEN, 1	PLUGBACH	K, OR ADI) A ZONE
		¹ Oj	erator Name ar	d Address					² OGRID Numbe	er
XTO Energy,									005380 ³ API Number	₩
200 N. Lorai		800	Midland,	TX 79701	(2)			30- 025-297	92	<u> </u>
⁴ Proper 183	ty Code 305				⁵ Property N Dauron		/	⁶ Well No.		
		⁹ Proposed Tub						¹⁰ Proposed Po Drinkarc		
J					⁷ Surface L	ocati	0 n	Dr rrittar e	•	
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from th		North/South Line	Feet from the	East/West line	County
J	1	21S	37E	10	3535		North	1980	East	Lea
		8	Proposed I	Bottom He	ole Locatio	on If I	Different From	m Surface		
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from th		North/South Line	Feet from the	East/West line	County
				Add	litional We	ell Lo	cation			
¹¹ Work Typ			12 Well Type Coo	le	13 Cable/Ro	otary	¹⁴ Lease	e Type Code		Level Elevation
P ¹⁶ Multir			0 17 Proposed Dept	th ¹⁸ Formation			P		3545 ' GL ²⁰ Spud Date	
Yes-Downhole			7860" - T		Abo			N/A	-	g Date
Depth to ground v		cord fou	ind	Distance from	nearest fresh w		11 E	Distance from nearest surface water		
Pit: Liner: Synt		mils		y Dit	+10(t Volume		ols Drilling Metho	ad:	+1000'	
	op System	_	union Chu	, ,		resh Wat	<u> </u>	<u> </u>	I-based	Gas/Air
			21,	<u> </u>						
				1			ent Program			
Hole Siz	ze	1	sing Size		eight/foot	Se	tting Depth	Sacks of Cemen		stimated TOC
11"			5/8"		1#		1601'	525 sxs		surface
7 7/8		5	1/2"	15.5#	& 17#		7854'	775 sxs		3337' TS
								·		
²² Describe the pr	roposed prog	L ram. If this	application is 1	o DEEPEN oi	r PLUG BACK	C, give t	the data on the pres	ent productive zon	e and proposed i	new productive zone.
Describe the blowo	out prevention	n program,	f any. Use add	itional sheets if	necessary.					
Well is curr Production z		~~+1,, i	a. ADO				Permit 1	Expires 2 Ye	mpa maaaa	A HARASANA B
Proposed Zor	ne: Tubb	& Drink	ard. Propo	sed PBTD ·	is 7090'&	CIBP	@ 7120' Dat	e Unless Dri	Hins Under	LAANA Julini (LASH
Formation @ *Proposed Pr	10. 7.00							PI	ugbacl	J
									ap she	
²³ I hereby certify t	that the inform	mation give	n above is true a	ind complete to	the best of		OIL CC) NSERVATI	ON DIVISI	ON ·
my knowledge and constructed accord	belief. I furt	her certify	that <u>the</u> drillin	g pit will be general permit				~		~
	rnative OCI	-approved	plan 📃 🛛 .	, p		Approv	ed by:	1 To	_	-
Signatura	an (attached) alternative OCD-approved plan									
Signature: 70	X		us	·····		Title	PETRALA	A PNOIMEER		
Signature: 70 Printed name: Pa	tty Urfa	S		<u></u>	/-	Title:	2-	M ENGINEER	einetie D. (
Signature: YO Printed name: Pa Title: Ree	tty Urfa gulatory	s Analyst			/-		2-		piration Date:	
Signature: 70 Printed name: Pa	tty Urfa gulatory	s Analyst				Approv	2-		piration Date:	

istrict I 525 N. French Dr., Hobbs, NM 3	RECE	Energy, Mineral	f Ńew Mexico s & Natural Resoui	rces	Form C-102 Revised October 12, 2005
istrict II 101 W. Grand Avenue, Artesia, N istrict III 100 Rio Brazos Rd., Aztec, NM istrict IV	M 88210 DEC 1 3 87410 HOBBS	の形 CONSERV SOCD 220 South Santa F	VATION DIVISIO n St. Francis Dr. e. NM 87505)N Submit	to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies
istrict_IV 20 S. St. Francis Dr., Santa Fe, 1	NM 87505				AMENDED REPORT
¹ API Number	<u>WELL LOC</u>	² Pool Code	CREAGE DEDI	CATION PLAT ³ Pool Name	· · · · · · · · · · · · · · · · · · ·
30-025-29792		60240		Tubb	
⁴ Property Code		5 p	roperty Name		⁶ Well Number
18305 7 OGRID No.		8 C	Dauron perator Name		9 Elevation
				3545' GL	
		¹⁰ Surfa	ce Location		
	wnship Range	1 1	t from the North/South li		st/West line County
4 1	21S 37E	1	35 North	1980	East Lea
JL or lot no. Section To			n If Different From		et Allost line
JL or lot no. Section To	wnship Range	Lot. Idn Fee	t from the North/South li	ine Feet from the Ea	st/West line County
Dedicated Acres ¹³ Joint or	Infill ¹⁴ Consolidation	on Code ¹⁵ Order No.		<u> </u>	·····
40			1		
		·····	<u>EEN APPROVED B</u>	17 OPERATO I hereby certify that the complete to the best of 1 organization either own interest in the land inclu or has a right to drill th contract with an owner to a voluntary pooling d heretofore entered by th Patty U Signature Printed Name 18 SURVEYO	<u>کی اعامالی</u> Date
		+2 (<u>198</u>)		I hereby certify that the was plotted from field n	well location shown on this plat otes of actual surveys made by ision, and that the same is true if my belief:

District I 625 N. French Dr., Hobbs, N District II	M <u>88240</u> m	• • • • • • • • • • •	Energy	State of , Minerals		Mexico tural Resource	s	Revi	Form C-102 ised October 12, 2005		
District II 301 W. Grand Avenue, Artes District III 000 Rio Brazos Rd., Aztec, N District IV	1a, NM 8821	0	- OIL C	220 South	St. Fr		Sub		ropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies		
District IV 220 S. St. Francis Dr., Santa	Fe NotiQE	BSOC	D	Santa Fe,	NM	87505		ĺ.	AMENDED REPORT		
	WE	LL LOC	AHON		CREA	GE DEDICA	TION PLA				
¹ API Numbe			² Pool C					³ Pool Name			
30 - 025 - 297 ⁴ Property Code	92		191		perty Na	me	Drink	Drinkard 6 Well Number			
18305					Dauron				2		
⁷ OGRID No. 005380				* Ope XTO E1	erator Na				⁹ Elevation 3545' GL		
005560		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		¹⁰ Surface					J		
JL or lot no. Section	Township	Range	Lot.		rom the	North/South line	Feet from the	East/West 1	ine County		
4 1	21S	37E		3535	5	North	1980	East	Lea		
· · · · · · · · · · · · · · · · · · ·		¹¹ Bo	ttom Hol	le Location	If Diff	erent From Su	rface				
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	t or Infill	¹⁴ Consolidatio	on Code 1	⁵ Order No.		-					
40	<u> </u>										
NO ALLOWABLE WIT	LL BE AS	SIGNED T	O THIS C	OMPLETIO	N UN'	TIL ALL INTE	RESTS HAVE	BEEN CO	NSOLIDATED OR A		
			· · · · ·		TAT IN	DDOVED DV	CUT DIVICION	Ť	슬 같은 수 같은 것을 들었다.		
	N	<u>JN-STANI</u>	<u>JARD UN</u>	NT HAS BE	EN AP	TROVED BI					
	N	<u>DN-STANI</u>		<u>VIT HAS BE</u>		IROVEDBI	¹⁷ OPERA	TOR CEI	RTIFICATION on contained herein is true and		
	Ň	<u>DN-STANI</u>	<u>JARD UP</u>	<u>VIT HAS BE</u>		TROVED BI	¹⁷ OPERA I hereby certify th complete to the be	TOR CEI at the informations and the information of my knowle	on contained herein is true and dge and belief, and that this		
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Plug Back, OAP, Sand Frac Drinkard/Tubb/Blinebry Lea County, New Mexico October 8, 2010

ELEVATION:	GL-3545'	TD – 7860'
	KB – 3561'	PBTD – 7799'
WELL DATA:		
Current Status:	Abo Producer: I	Last test - 7/28/2010 4 BO / 1 BW / 3 MCF
Surface Casing:	8-5/8" 24 & 32 ; TOC at surface.	ppf J-55. Set at 1601'. Cemented with 525 sx.
Prod. Casing:		7 ppf K-55. Set at 7854'. Cemented with 775 sx.
	TOC at 3337' by	r TS.
COMPLETION:		
Abo Perfs:	7126 – 7781'	(185' perfs, 185 holes)
OBJECTIVE:	Plug Back Abo,	OAP and Sand Frac Drinkard/Tubb/Blinebry

RECOMMENDED PROCEDURE

(Verify that anchors have been set and tested per NM OCD & OSHA guidelines) This well is a PRIVATE well

- 1. MIRU PU. MI and rack 7200' of 2-7/8" N-80 WS. POOH with pump and rods.
- 2. ND WH. NU BOP. POOH with production tubing.
- 3. PU and RIH with 4-3/4" bit and scraper on 2-7/8" WS to 7100'. POOH.
- 4. RIH with 5-1/2" CIBP on 2-7/8" WS. Set CIBP at 7085'. Test CIBP and casing to 3000 psig with 2% KCL water for 10 min.
- 5. PU and RIH 3-1/8" csg gun with premium charges, gamma ray tool and CCL. Correlate depth with the *Dual Laterolog, Micro Laterolog, GammarRay run by Atlas on* 12/27/1986. Selectively perforate the following intervals with 1 spf and 120 degree phasing as follows.

6897', 6900', 6903', 6910', 6913', 6922', 6925', 6933', 6936', 6948', 6950', 6952', 6954', 3964', 6966', 6968', 6970', 6972', 6974', 6976', 6985', 6987', 6989', 6994', 6996', 6998', 7000', 7002', 7021', 7024' (Total 30', 30 holes)

 PU and RIH with 5-1/2" packer assembly on 2-7/8" WS to 7024' and spot 2 BBL 15% NEFE HCL acid across perfs. PUH to 6825' and reverse circulate 2 bbls. Set packer at 6825'.

PROCEDURE BY NPF

Drinkard:

PAGE 1 OF 3



Plug Back, OAP, Sand Frac Drinkard/Tubb/Blinebry Lea County, New Mexico October 8, 2010

- 7. MIRU frac company. NU frac valve. Test lines to 8500 psig. (XTO to provide 153,000 gal fresh water plus tank bottoms total for both fracs, and fresh water for annulus) Load backside with FW and pressure up to 2500 psig (set backside pop-off at 3250 psig). Monitor during job.
- Frac the Drinkard perfs (6897 7024') via 2-7/8" WS with 55,000 gal of Delta Frac 200 R(21) carrying 100,000 LBS 20/40 Super LC Sand. Treat at 25 BPM and MAX treating pressure of 7500 psig with the following pump schedule:

Trt-Stage	Stage Desc.	Fluid Desc.	Rate Liq+Prop	Clean Vol.	Proppant	Proppant Conc.	Proppant Mass
S-1-1	Pre-Pad	Water Frac G - R (5)	25	1,250		1995 0 789	999 0 999
1-2	Acid	15% NEFE Acid	25	3,000		0	0
1-3	Pad	Delta Frac 200 R (21)	25	33,000		0	98,809 A O 17840.
1-4	Proppant Laden Fluid	Delta Frac 200 R (21)	25	6,000	CRC-20/40	1	8,000
1-5	Proppant Laden Fluid	Delta Frac 200 R (21)	25	12,000	CRC-20/41	2 (C	24,000
16	Proppant Laden Fluid	Delta Frac 200 R (21)	25	12,000	CRC-20/42	3	36,000
1-7	Proppant Laden Fluid	Delta Frac 200 R (21)	25	8,000	CRC-20/43	<u> </u>	32,000
1-8	Flush	Water Frac G - R (5)	25	1,726		0	0
Totals				78,976			100,000

Drop Omega Plug in flush using remote activates valves. Slow down pump rate to 10 BPM prior to landing plug. Land Omega plug into 1.88" baffle. Pressure up to 1000 psig to land and test plug.

- 9. Once pug is landed, bleed off tubing pressure and release from XL overshot. POOH with 2-7/8" WS.
- 10. PU and RIH 3-1/8" csg gun with premium charges, gamma ray tool and CCL. Correlate depth with the *Dual Laterolog*, *Micro Laterolog*, *GammarRay run by Atlas on* 12/27/1986. Selectively perforate the following intervals with 1 spf and 120 degree phasing as follows.
 Tubb: 6479', 6481', 6493', 6496', 6499', 6502', 6505',

6479', 6481', 6493', 6496', 6499', 6502', 6505', 6508', 6550', 6553', 6556', 6559', 6575', 6579', 6582', 6592', 6595', 6599', 6610', 6615', 6618', 6622', 6626', 6670', 6674', 6716', 6719', 6722', 6725', 6728' (Total: 30', 30 holes)

- PU and RIH with 5-1/2" treating packer on 2-7/8" WS to 6728' and spot 4 BBL 15% NEFE HCL acid across perfs. PUH to 6415' and reverse circulate 2 bbls. Set packer at 6415'.
- 12. MIRU frac company. NU frac valve. Test lines to 8500 psig. (XTO to provide 153,000 gal fresh water plus tank bottoms for frac, and fresh water for annulus) Load backside with FW and pressure up to 2500 psig (set backside pop-off at 3250 psig). Monitor during job.

PROCEDURE BY NPF



Plug Back, OAP, Sand Frac Drinkard/Tubb/Blinebry Lea County, New Mexico **October 8, 2010**

13. Frac the Tubb perfs (6479 - 6731') via 2-7/8" WS with 55,000 gal of Delta Frac 200 R(21) carrying 100,000 LBS 20/40 Super LC Sand. Treat at 25 BPM and MAX treating pressure of 7500 psig with the following pump schedule:

Trt-Stage	Stage Desc.	Fluid Desc.	Rate	and the provide of the state of the first	Proppant	Proppan Conc.	t Proppant Mass
2-1	Pre-Pad	Water Frac G - R (5)	25	1,250		0	0
2-2	Acid	15% NEFE Acid	25	3,000		0	0
2-3	Pad	Delta Frac 200 R (21)	25	33,000		0	0
2-4	Proppant Laden Fluid	Delta Frac 200 R (21)	25	8,000	CRC-20/40	1	8,000
2-5	Proppant Laden Fluid	Delta Frac 200 R (21)	25	12,000	CRC-20/41	2 	24,000
2-6	Proppant Laden Fluid	Delta Frac 200 R (21)	25	12,000	CRC-20/42	3	36,000
2-7	Proppant Laden Fluid	Delta Frac 200 R (21)	25	8,000	CRC-20/43	4	32,000
2-8	Flush	Water Frac G - R (5)	25	1,620		0	0
Totals				78,870			100,000

Flush 1 BBL short of top perf. SI and obtain ISIP, 5 min, 10 min & 15 min SI pressures. Shut well in over night. RDMO frac company.

- 14. Run steel lines to tank. Open well up and flowback to tank until well dies. RU swab. Swab test perfs. Report results to Midland.
- 15. Release packer. POOH with 2-7/8" WS and LD packer.
- 16. RIH with 2-7/8" WS and circulate sand off top of packer. Circulate well clean. Latch on and release packer. POOH with WS and LD packer
- 17. RIH with 2-7/8" production tubing and pump sized for 250 BFPD. Set pump at 6400'. ND BOP. NU WH. RIH with RHBO and rods.
- 18. RDMO PU. Put well in test. (Note: Pump will be lowered to 6800' following cleanup of the well in $\sim 1-2$ months.)

Prepared by: Nathan Franka Approved by: Trey Klaphpf Approved by Guy Haykus

Date: 10/21/10

Date: 10/21/10 Date: 10/25/200

PROCEDURE BY NPF

DAURON #2 CURRENT

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