District I	Habba NN	4 99740 -		Energy,	State of N Minerals &		exico ral Resources			Form C-101 May 27, 2004		
1625 N. French D District II 1301 W. Grand A District III 1000 Rio Brazos I	venue,Artesia	, NM 88210)	Oil Conservation Divsiion					Submit to appropriate District Office			
District IV										MENDED REPORT		
1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe APPLICATION FOREERVEDT TO DRILL, RE-								DILLOD				
APPLIC	JATION		berator Name a		LL, KE-E	NIE	R, DEEPEN	, PLUGBA	² OGRID-Nu			
XTO Energy,	Inc	O,	crator wante a	nu Autress					00538	0		
200 N. Lora		800	Midland.	TX 7970)1			30- 025	³ API Num	ber		
⁴ Prope	rty Code				⁵ Property			025	-00336	Well No.		
18	305	⁹ Proposed	I Pool 1		Dauro	n T		10 Propo	sed Pool 2	1		
		-	b 016 +	GAS (014)				berry OICy	OAS (OIL)		
r.					⁷ Surface	Locat	tion)		
UL or lot no.	Section	Township	Range	Lot. Idu			North/South Line	Feet from t	he East/West lin	e County		
·E	1	215	37E	5	221		North	755	West	Lea		
·····		8	Proposed	Bottom			f Different Fr	om Surfac	e			
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from	the	North/South Line	Feet from t	he East/West lir	e County		
<u></u>					dditional V			<u></u>				
¹¹ Work Ty	כ		¹² Well Type Co 0		¹³ Cable/	-		ase Type Code P	nd Level Elevation 3516' GL			
¹⁶ Mult Yes-Downhol	•	1	¹⁷ Proposed Dep 7510 'T		¹⁸ Form		19	Contractor	Contractor ²⁰ Spud Date N/A Orig Date			
Depth to ground			7510 1						nearest surface wa			
		cord fou				000'	•		+1000	 		
Pit: Liner: Syr	nthetic	mils	thick Cla	іу 🗌	Pit Volume		bbls Drilling Me	thod:				
Closed-Lo	oop System								sel/Oil-based 🗌	Gas/Air		
			21	Propose	d Casing a	nd Ce	ment Program	n				
Hole S	ize	Ca	sing Size		g weight/foot		Setting Depth	Sacks of C	Cement	Estimated TOC		
13 3/	4"	10	3/4"		40#	224 '		200s	xs	surface		
9 7/8	3"	7	5/8"		24#	3045 '		1100s	sxs	surface		
6 3/4	1"	5	1/2"		NR		5935'	200s	xs	4410' TS		
					<u></u>							
4 3/4	4"	4"	liner	<u> </u>	11#		7509'	150s	xs	5792' TS		
²² Describe the p Describe the blow	proposed prog	gram. If this	application is	to DEEPEN	N or PLUG BA	CK, giv	e the data on the p	resent productiv	e zone and propos	sed new productive zone.		
Well is cur				illional sheel	is if necessary.							
Production	zone cur	rently i	s: Drinka									
Proposed Zo Formation @			berry. Pro	pposed Pl	BTD is 7474	1'						
*Proposed P												
						1						
²³ I hereby certify	that the infor	mation give	n above is true	and complet	e to the best of		OIL C	CONSERV	ATION DIV	SION		
my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit X, or						<u>Λ</u>	oved by:					
an (attached) alternative OCP-approved plan						Appro	sveu by.	Must				
Printed name: Pa	/					Title:	PETI	ROLEDM B	NGINEEH			
Title: Re	egulatory	Analyst	;			Appro	oval Date: 04	loz/n	Expiration Date	e:		
E-mail Address:	patty ur	ias@xtoe	energy.com		·····			- 111				
Date:	•		Phone:			Cond	itions of Approval			MAY 0 4 2011		
4/27/11 4				2-620-43	18	Attached Attached						



Dauron #1 OAP, Sand Frac Blinebry/Tubb/Drinkard Lea County, New Mexico April 8, 2011

- 1. MIRU PU. POOH with pump and rods.
- 2. ND WH. NU 10,000 psi hydraulic BOP. POOH and LD 2-3/8" production tubing.
- 3. MI and rack 6500' of 2-7/8" N-80 WS. PU and RIH with 4-3/4" bit and scraper on 2-7/8" WS to 6500'. POOH and LD bit, scraper.
- 4. PU and RIH 2" csg gun with premium charge and CCL. Correlate depth with the *Depth Control (Correlation) Log run by CRC Wireline on 2-21-84*. Selectively perforate the following intervals with 1 spf and 120 degree phasing as follows.

 Tubb/Drinkard:
 6499', 6501', 6524', 6526',

 6528', 6530', 6599', 6601',

 6603', 6605', 6634', 6636',

 6654', 6657', 6687', 6689'

 (Total: 190' gross, 16' net, 16 holes)

- 5. PU and RIH with 4" treating packer on 2-7/8" WS to 6450'. Set packer at 6450' and test tool. Test annulus/casing to 3000 psig. *Note: packer must have landing nipple assembly for Omega Plug.*
- MIRU acid company. Test lines to 5500 psig. Load TCA with brine and monitor during acid treatment (500 psig maximum). Acidize new & existing perfs from 6499' 6922' with 3000 gal of 20% 90/10 acid (acid/xylene) while spacing 55 1.3 SG ballsealers according to the following schedule. Max treating rate/pressure: 5 bpm / 5000 psi.
 - a. Load tubing with brine and establish injection
 - b. Pump 500 gal acid
 - c. Pump 2500 gal acid while dropping 55 1.3 SG ball sealers evenly throughout
 - d. Flush to bottom perf with brine

Record ISIP, 5 min, 10 min, and 15 min shut-in pressures. RDMO acid company.

 MIRU frac company. NU 10k frac valve. Test lines to 8500 psig. (XTO to provide 166,000 gal fresh water plus tank bottoms total for both fracs, and fresh water for annulus; 9-10 frac tanks) Load backside with FW and test packer (set backside pop-off at 3250 psig). Monitor during job.



Dauron #1 OAP, Sand Frac Blinebry/Tubb/Drinkard Lea County, New Mexico April 8, 2011

8. Frac the Tubb/Drinkard perfs (6499' – 6922') with 73,000 gal of 20# crosslinked gel carrying 100,000 lbs of 20/40 resin coated sand via 2-7/8" WS. Sand should contain BJ ParaSorb chemical to mitigate paraffin. Max treating pressure = 7500 psig, Max casing pressure = 3000 psig. Treat at 30 BPM with according to the following pump schedule.

STAGE	STAGE DESC.	CLEAN VOLUME GALS	SAND PPG	PROPPANT	FLUID	SAND VOLUME LBS
1.01	Prepad	2,500	0		Slickwater	0
1.02	Acid	3,000	0		20% 90/10 ACID/XYLENE	0
1.03	Displace	2,500	. 0		Slickwater	0
1.04	Pad	33,000	0		20# X-Linked Gel	0
1.05	Prop Fluid	8,000	1	Super LC 20/40		8,000
1.06	Prop Fluid	12,000	2	Super LC 20/40		24,000
1.07	Prop Fluid	12,000	3	Super LC 20/40		36,000
1.08	Prop Fluid	8,000	4	Super LC 20/40		32,000
1.09	Flush	1,550	0		Slickwater	0
TOTAL	(1965 bbls)	82550				100,000

Flush 1 bbl short of top perf. SI and obtain ISIP, 5 min, 10 min & 15 min SI pressures.

9. Shut in for 1 hour following frac stage 1. Drop Omega Plug down tubing and pump at 1-3 bpm until plug lands in 1.88" baffle. Pressure up to 1000 psig to land and test plug. Bleed off tubing pressure and release from XL overshot.

10. POOH with 2-7/8" WS.

11. PU and RIH 2" csg gun with premium charge and CCL. Correlate depth with the *Depth Control (Correlation) Log run by CRC Wireline on 2-21-84.* Selectively perforate the following intervals with 1 spf and 120 degree phasing as follows.

Blinebry: 6001', 6003', 6005', 6007', 6009', 6011', 6048', 6050', 6052', 6054', 6056', 6058', 6096', 6098', 6177', 6179', 6193', 6195', 6197', 6199', 6258', 6260', 6273', 6275', 6353', 6355', 6363', 6365', 6371', 6372 (Total: 428' gross, 30' net, 30 holes)



Dauron #1 OAP, Sand Frac Blinebry/Tubb/Drinkard Lea County, New Mexico April 8, 2011

- 12. PU and RIH with 4" treating packer on 2-7/8" WS to 5900'. Set packer at 5900' and test tool. Test annulus/casing to 3000 psig.
- 13. Frac the Blinebry perfs (6001 6372') with 73,000 gal of 20# crosslinked gel carrying 100,000 lbs of 20/40 resin coated sand via 2-7/8" WS. Sand should contain BJ ParaSorb chemical to mitigate paraffin. Max treating pressure = 7500 psig, Max casing pressure = 3000 psig. Treat at 30 BPM with according to the following pump schedule.

STAGE	STAGE DESC.	CLEAN VOLUME GALS	SAND PPG	PROPPANT : TYPE	FLUID	SAND VOLUME LBS
2.01	Prepad	2,500	0	<u>en lenne det er pertinent som bereken</u>	Slickwater	0
2.02	Acid	3,000	0		20% 90/10 ACID/XYLENE	0
2.03	Displace	2,500	0		Slickwater	0
2.04	Pad	33,000	0		20# X-Linked Gel	0
2.05	Prop Fluid	8,000	1	Super LC 20/40	20# X-Linked Gel	8,000
2.06	Prop Fluid	12,000	2	Super LC 20/40	20# X-Linked Gel	24,000
2.07	Prop Fluid	12,000	3	Super LC 20/40	20# X-Linked Gel	36,000
2.08	Prop Fluid	8,000	4	Super LC 20/40	20# X-Linked Gel	32,000
2.09	Flush	1,442	0		Slickwater	0
TOTAL	(1963 bbls)	82442				100,000

Flush 1 bbl short of top perf. SI and obtain ISIP, 5 min, 10 min & 15 min SI pressures.

- 14. ND Frac tree. RDMO frac company.
- 15. Run steel lines to tank. Gradually flowback Blinebry perforations to tank until well dies. Start flowback with an 8 14 choke in order to reduce proppant flowback. Report results to Midland.
- 16. Release top packer. POOH with 2-7/8" WS and LD packer.
- 17. RIH with 2-7/8" WS and packer release tool to 6450'. Circulate sand off top of packer and circulate well clean. Latch on and shift packer bypass. Flowback Tubb/Drinkard zone to tank until well dies. Report results to Midland.
- 18. POOH with WS and LD packer.
- 19. RIH with 2-7/8" production tubing and pump sized for 250 BFPD, or based on swab/flowback results. Set EOT at 5950'. ND BOP. NU WH. RIH with rods & pump.
- 20. RDMO PU. Put well in test. (Note: Pump will be lowered to 6600' following cleanup of the well in ~1-2 months.)

1301 W. Grand Av District III 1000 Rio Brazos R District IV 1220 S. St. Francis	enue, Artesia, .d., Aztec, NN	, NM 88210 MAY 0 4 87410 e, NM 87 552C WELL	2 2011 EIVED	Energy, M OIL CON 1220 Sa	ISERVA South S unta Fe, ND AC	& Nat ATIO St. Fra NM 8 REA	ural Resource N DIVISION ancis Dr. 37505 <u>GE DEDICA</u>	Sub	mit to Ap	opropr Stat Fe AM	Form C-102 October 12, 2005 iate District Office e Lease - 4 Copies e Lease - 3 Copies ENDED REPORT
⁴ Property						erty Na					⁶ Well Number
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2755 Fut	David							heredofore entered Signature RHL Printed Name			<u>4 21 1</u> Date
		•						¹⁸ SURVE I hereby certify the was plotted from fi me or under my su and correct to the	nt the well loc eld notes of a opervision, an	cation sh actual si nd that t	urveys made by
							· · · · · · · · · · · · · · · · · · ·	Date of Survey Signature and Seal of	Professional Su	urveyer:	
<u></u>								Certificate Number			

District L				
1625 N. French Dr., Hobbs, NM 8824	10			
District_II	n	200	26	
District.II 1301 W. Grand Avenue, Artesia, NM	882	210	80	
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1000 Rio Brazos Rd., Aztec, NM 874	ŶŶ	Δ	9	2011
District IV WF	11	v	æ	2011
1220 S. St. Francis Dr., Santa Fe, NM	87	505	;	

State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised October 12, 2005

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

MELLAPOCATION AND ACREAGE DEDICATION PLAT

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

	¹ API N	lumbe	er		² Poo	Code			· ³ Pool Na			(\cdot)
30-025-06338 06660								Blineb	erry 0	14	+GAS(OIL)	
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			191	JIN-STAIND	<u>AND L</u>	INIT L	1AS DEEN AP	PROVED BY 1	HE DIVISION	<u> </u>		

6	di s			¹⁷ OPERATOR CERTIFICATION
	9			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
	5	· · ·		or has a right to drill this well at this location pursuant to a
			° 4	contract with an owner of such a mineral or working interest, or
K1 X X X X X X X X X X X X X X X X X X X		·		to a voluntary pooling agreement or a compulsory pooling order
3				heretofore entered by the division.
N I	45 24			Tatty Unon 4/27/11
	r (***			Signature 0 Date
1755 FWL	T			tatty ()rigs
Baun	ar f			Printed Name
	1			
+++++++++++++++++++++++++++++++++++++++			· · · · · · · · · · · · · · · · · · ·	
				¹⁸ SURVEYOR CERTIFICATION
				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
		4.		and correct to the best of my belief.
,				
				Date of Survey
				Signature and Seal of Professional Surveyer
			· .	
	4			
L				Certificate Number

District I 1625 N. French D District II 1301 W. Grand A District III 1000 Rio Brazos District IV 1220 S. St. Franci	venue, Artes Rd., Aztec, 1	8 sia, NM 88210 NM 87410 M Fe, NM 87505		Energy, I CD OIL COI 2011 1220 S TION A	NSERVAT 0 South St anta Fe, N	Νat ΓΙΟ Fra IM 8	ural Resource N DIVISION ancis Dr. 87505	J Subi	nit to Appro S	Form C-102 ed October 12, 2005 opriate District Office state Lease - 4 Copies Fee Lease - 3 Copies MENDED REPORT
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	-025-063	338		19190				Drinka	ird	6 Well Marchan
⁴ Property					, ⁵ Proper	-				⁶ Well Number
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