Form 3160-3 (July 1992)

APPROVED BY

UNITED STATES

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

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		N	м.	. 02112	23		

5. LEASE D	ESIGNATION A	ND SERIAL NO
NM -	021123	

\	NM - 021123									
		LAND MANA			757 39	36	6. IF INDIAN, ALLOTTEE C	OR TRIBE NAME		
	<u>ICATION FOR PE</u>	RMIT TO D	RILL	OR DE						
1a. TYPE OF WORK	ILL X	DEEPEN [7		070 F	in Tirkil	7. UNIT AGREEMENT NAI	7. 2 .()		
b. TYPE OF WELL		DEEPEN L		_				XXX C		
OIL WELL	GAS X OTHER			SINGLE X	MULTIPI ZONE	.E	8. FARM OR LEASE NAME Stagecoach	E, WELL NO. #2		
2. NAME OF OPERATOR							Stagecoach	π∠		
XTO Energy Inc.				- COSC)	128293pz		9. API WELL NO.	5 /		
3. ADDRESS AND TELEPHONE 2700 Farmington A	eno. N ve., Bldg. K. Ste 1	l Farmingtor	n NM s	87401 C	A	73	30045			
	ort location clearly and in accor			7: \	JL 2003	-जि	10. FIELD AND POOL, OR Basin Fruitla			
At surface	•	•	•	120)E 2003 (C€1328D)	7-4				
1,980 FSL & 1,98 At proposed prod. zone	30' FEL in Sec 7,	131N,, K12W			DONS. DI	(O)	11. SEC., T., R., M., OR BLK AND SURVEY OR AREA	A		
same as above					NST. 3	-3	<u> J Sec 7. T31N.</u>	R12W		
	DIRECTION FROM NEAREST TO			CE.			12. COUNTY OR PARISH San Juan	13. STATE		
13 air miles nort	thwest of the Aztec	, NM POST UT		OF ACRES IN IL	Jacon 21 11	}````	Sdfi Judfi ACRES ASSIGNED	NM NM		
LOCATION TO NEAREST PROPERTY OR LEASE LINI	E,FT.			SV	Proplace Control	TO THIS	WELL 🗢 🦪 🗸			
(Also to nearest drlg. uni 18. DISTANCE FROM PROPOS	it line, if any) DD1		<u>`</u>	POSED DEPTH		20 ROTARY	OR CABLE TOOLS			
TO NEAREST WELL, DRILL OR APPLIED FOR, ON THE	LING, COMPLETED,		2,4				475' with Rotary	/ Tools		
21. ELEVATIONS (Show whe						<u> </u>	22. APPROX. DATE WO			
5,901' Ungraded G	Ground Level						Summer 2003			
23.	I	PROPOSED CASING	GANDC	EMENTING P	ROGRAM					
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOO			DEPTH		OUANTITY OF CE	MENT		
8-3/4"	7", J-55	20.0#/f				75 sx	Type III or Cl I			
6-1/4"	4-1/2", J-55	10.5#/f		+-2,			sx Premium Lite cement			
	1	•	ı				*			
VTO ENERGY IN	IC Describes	1 4. J.:11 4						74		
	NC. Request approva Plan and proposed D			ve mentio	ned well	as descr	Tiped in the end	rosea		
Sui race use i	ran and proposed b	i i i i i i i i i i i i i i i i i i i	QIII.							
Note: Becaus	se XTO Energy Inc.	has an exsit	ing ga	s gatheri	ng system	in this	s lease, no pipe	line ROW		
is required.	A proposed pipeli	ne route (to	be in	stalled b	y XTO) is	attache	ed for you revie	W.		
						•				
his action is subject to tect rocedural review pursuant	to 43 CFR 3165.3									
nd appeal pursuant to 43 (OFR 3165.4									
DRILLING OPERATIONS AU										
SUBJECT TO COMPLIANCE GENERAL REQUIREMENTS										
IN ABOVE SPACE DESCRI	BE PROPOSED PROGRAM: ertinent data on subsurface loga	Af proposalis to dee	pen,give	dataon presen	tproductivezor	eandpropos	ednew productivezone. If	proposalis to drill or		
	trunent data on subsurface lova	ido#s and measured	and true	verucar depur	s. Give blowou	n preventer p				
24.	11.1 K)_H	_							
SIGNED	UNI	allor T	mle <u>Dr</u>	illing Er	gineer		DATE 4/11/0	03		
(This space for Federal	or State office use)									
(IIII SPULL ISI TUULIM	7 200,									
PERMIT NO.				APPROVAL I	DATE					
	s not warrant or certify that the app	licant holds legal or equ	uitable title	to those rights in	n the subject lease	which would	entitle the applicant to cond	uct operations thereon.		
CONDITIONS OF APPRO							1111	0 •		
, and the second se	s/ David J. Mankie	wicz					UUL ,	2.3 2003		

*See Instructions On Reverse Side Title 18 U.S.C. Section 1001, makes it a crime for any personknowing and willfully to make to any departments agency of the United States any false, fictitious or fraudulent statements or representations as to any manifest within its jurisdiction.

- DATE -

- TTTLE -

DIL TRICT I 1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico Lergy, Minerals & Natural Resources Department.

Form C-102 Revised August 15, 2000

AMENDED REPORT

DISTRICT II 811 South First, Artesia, N.M. 88210

OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe. NM 87505

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

DISTRICT IV

DISTRICT III

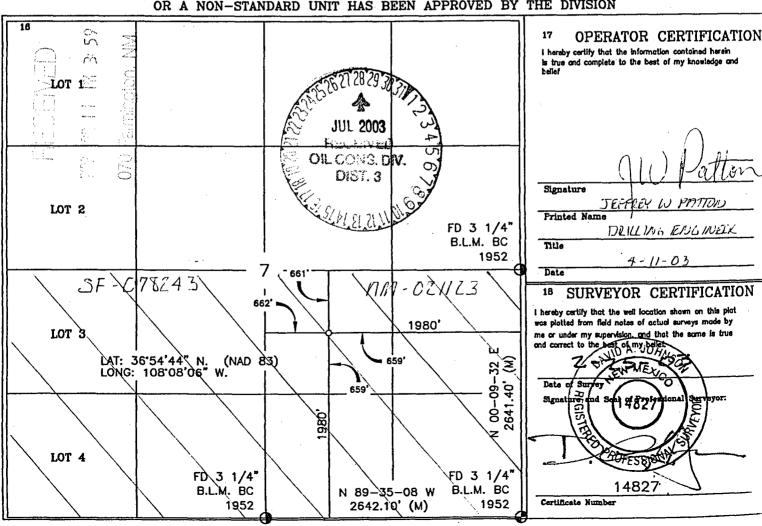
2040 South Pacheco, Santa Pe, NM 87505

1000 Rio Brazos Rd., Aztec, N.M. 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

WEBB ECORION AND ACCURAGE DEDICATION TENT												
30-04	Number 5-3/	1624	Pool Nam		sal							
⁴ Property C	ode				Property N	lame			• Well Number			
30342	_				STAGECOAG	СН		2				
OGRID No					*Operator 1	lame			* Elevation			
1671	767			•	XTO ENERGY		5901'					
	, ¹⁰ Surface Location											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	e County			
J	7	31-N	12-W		1980'	SOUTH	1980'	EAST	SAN JUAN			
	11 Bottom Hole Location If Different From Surface											
UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet							Feet from the	East/West lin	County			
28 Dedicated Acres		5/	¹³ Joint or Infill ¹⁴ Consol			dation Code ¹⁵ Order No.						
2.16	71	/9	1 4		ł		1					

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



XTO ENERGY INC.

DRILLING PROCEDURE STAGECOACH #2 Basin Fruitland Coal April 11, 2003

Location: 1,980' FSL & 1,980' FEL, Sec 7, T31N, R12W County: San Juan State: New Mexico

PROJECTED TOTAL DEPTH: 2,475' OBJECTIVE: Fruitland Coal GR ELEV: 5,901'

1. MUD PROGRAM:

INTERVAL	0'-200'	200'-TD
HOLE SIZE	8-3/4"	6-1/4***
MUD TYPE	FW/Native	FW/Polymer
MUD WEIGHT, ppg	8.6-9.0	8.6-9.1
VISCOSITY, sec/qt	28-32	28-33
WATER LOSS, cc	NC	NC

Remarks: Drill the surface hole with fresh water. Run and cement 7" surface casing, circulating cement to surface. NU and test BOP equipment, then drill out with fresh water. Use polymer sweeps as needed for hole cleaning. At TD, sweep the hole prior to TOH to log.

2. CASING PROGRAM:

Surface Casing: 7" casing to be set at ± 200 ' in 8.8 ppg mud.

					Coll	Burst						
		Wt			Rating	Rating	Jt Str	ID	DD	SF	SF	SF
Interval	Length	(ppf)	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Tension
0'-200'	200'	20#	J-55	STC	2,270	3,740	234	6.456	6.331	9.99	4.59	58.5

Optimum makeup torque for 7" 20#, J-55, STC casing is 2,340 ft-lbs (Min - 1,760 ft-lbs, Max - 2,930 ft-lbs).

Production Casing: 4-1/2" casing to be set at ± 2.475 ' in 8.8 ppg mud.

110 data troil custing. 11/2 custing to be set at ± 2,475 in 0.0 pbg mad.												
					Coll	Burst						
		Wt			Rating	Rating	Jt Str	ID	DD	SF	SF	SF
Interval	Length	(ppf)	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Tension
0'-TD	2,475	10.5#	J-55	STC	4,010	4,790	132	4.052	3.927	3.57	3.33	5.24

Optimum makeup torque for 4-1/2", 10.5#, J-55, casing is 1,320 ft-lbs (Min - 990 ft-lbs, Max - 1,650 ft-lbs).

Capacity of 7", 20# casing is: 0.04048 bbl/ft
Capacity of 4-1/2", 10.5# casing is: 0.01595 bbl/ft

3. WELLHEAD:

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Casinghead: Larkin Fig 92 (or equivalent) 2,000 psig WP (4,000 psig test) with 7", 8rd pin on bottom and 8-5/8" API Modified 8rd thread on top.

Tubinghead: Larkin Model 612 (or equivalent) 2,000 psig WP (4,000 psig test) with 4-1/2", 8rd bottom thread and 8-5/8" 8rd API Modified top body thread, 4.090" minimum bore.

4. **CEMENT PROGRAM:**

A. Surface: 7", 20#, J-55, STC casing at \pm 200'.

Lead: 75 sx Type III cement (or equivelent) containing ¼ pps celloflake, 2% CaCl₂ (mixed at 14.6 ppg, 1.39 ft³/sk, 6.67 gal wtr/sk).

Total slurry volume is 104.25 ft³, 250% excess of calculated annular volume required to circulate cement to surface.

B. <u>Production:</u> 4-1/2", 10.5#, J-55, STC casing at $\pm 2,475$ '.

<u>Lead:</u> 125* sx of Type III cement containing 8% gel, 1/4 pps Celloflake & 2% Phenoseal (mixed at 11.4 ppg, 3.03 ft³/sk, 18.51 gal wtr/sk).

Tail: 70 sx Type III cement containing 1% CaCl2, 1/4 pps Celloflake & 2% Phenoseal (mixed at 14.5 ppg, 1.41 ft3/sk, 6.72 gal wtr/sx).

Total estimated slurry volume is 477 ft³, $\pm 100\%$ excess of calculated annular volume required to circulate cement to surface.

* Actual cement volumes will be determined using log caliper volume plus 40% excess.

5. **DRILLING HAZARDS:**

- H₂S or other Poisonous Gases: No formations known to contain H₂S or any other poisonous gases will be penetrated with this wellbore.
- Abnormal Pressures: No overpressured zones are known to exist or are anticipated to be encountered during the drilling of this well.
- Lost Circulation: Seepage and/or lost circulation may be encountered below surface casing and can be controlled with conventional lost circulation materials added to the mud system.

6. **LOGGING PROGRAM:**

EXHIBIT E

