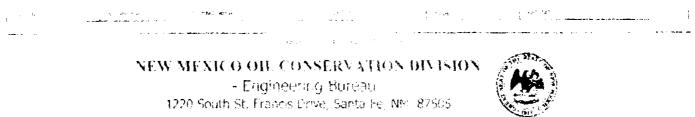
NEW MEXICO OIL CONSERVATION DIVISION - Engineers o Buseau



		- Engineering bure 1220 South St. Francis Drive, Santi	خيص متبينها	
	. .	TEEN WHAT OUT TO OUT THE TAY AND IN		
	A	DMINISTRATIVE APPL	ICATION CHECKLI	ST
۲,	S CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATION APPLICATION OF THE WHICH REQUIRE PROCESSING A CLI		BULES AND REGULATIONS
Applic	[DHC-Dowr [PC-Po	ndard Location] [NSP-Non-Standard P nhole Commingling] [CTB-Lease Co	mmingling] [PLC-Pool/Lease torage] [OLM-Off-Lease Mea -Pressure Maintenance Expansi I-Injection Pressure Increase]	Commingling] surement] on]
[1]	TYPE OF AR	PLICATION - Check There Which Ap	ply for (A)	
	[A]	Location - Spacing Unit - Samultaneon	as Dedication	
	Check	c One Only for [B] or [C]		
	[8]	Commingling - Storage - Measurement DHC CLB L PLC	il ec il ors 🗇 orm	
	[C]	Injection - Disposal - Pressure Increas WEX PMS SWD		
	$\{D\}$	Other, Specify		
[2]	NOTIFICAT [A]	TON REQUIRED TO: - Check Those To Working, Royalty or Overrading	· ·	ds
	ૃક્ષિ	Offset Operators Lease-holden of	or Surface Owner	
	[C]	[X] Application is One Which Requi	res Published Legal Notice	
	(D)	Nonfication and or Concurrent 2) S. Bureau of Land all regerners. Common	enprowally BEM of SLO oral of Popularido Prare Land Office	
	(E)	For all of the above Privil of No	fiftiation a Partication is Attach	e indioc.
		. Waivers are Attached		
[5]		CURATE AND COMPLETE INFOR ON INDICATED ABOVE.	MAT(ON REQUIRED TO PR	OCESS (III TYP) OF
[4] appro- applic	val is accurate a	ATION: I hereby certify that the information demplete to the best of my knowled-equired information and notifications are	😾 Taiso understand that no aeti k	wittor administrative misuall be taken on this
		e. Statement must be completed by an individu		
Print o	CEG KLEV.	Signator:	Title CONSULTER	9/30/0) Date
				Thomas Harrison

Constituting O & Principle of Constitution

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-101 Revised March 17, 1999

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT

XTO En	ergy,	Inc.	Operator Name and	l Address	(505	5) 564-6	5714		OGRID Num	16706	
2700 Fa	rmingto	n Av., I	Bld. K, Si	uite 1,	Farmingt	on, NM	87401	30 -	³ API Numbe	7	
Proper	y Code		Ashcro	ft SWE	Property Nan	ne		1 3//	6,	Well No. 1	
					Surface Lo			J.			
UL or lot no.	Section	Township	Range	Lot ktn	Feet from			Feet from the	East-West li	ne County	
В	26	29n	11w		998	8 North		2114	Eas		
		9	Proposed B	ottom Hol					<u>. = = =</u>	<u> </u>	
UL or lot no.	Section	Township	Range	Lot kin	Feet from	the North	South line	Feet from the	East/West lii	ne County	
ntrad	а	Pr	oposed Pool 1			¹⁰ Proposed Pool 2					
11 Work	Type Code		Well Type Cod	e	¹³ Cable/1	Rotary R	T 18	Lease Type Code		Ground Level Elevation 5,440'	
N	ultiple O		7,500			Formation Entrada .		¹⁷ Contractor		²⁰ Spud Date 9 - 1 - 0 1	
		,	21 P	roposed C	asing and	Cement F	rogram				
Hole S	ıze	Casir	ıg Sıze	Casing wei	ight/foot	Setting l	Depth	Sacks of C	Cement Estimated		
17"			3/8"		48				Surface		
12-1/	/ 4 "	9-	5/8"		3 6	4	4,500' 92			Surface 4,000'	
8-3/4					2.3		7,500' 3		5 sx	4,000	
	•										
Describe the bl	owout preve t foot	ention program	, if any. Use add	itional sheets if	necessary.			productive zone ar		w productive zone.	
Thereby cen	•	nformation giv	en above is true :	and Emplete to	o the best of		OIL C	ONSERVAT	TION DIV	'ISION	
Signature:			pean y	Rey	ν	Approved by					
Printed name:	oncl+		an Wood	d ·		Title:					
	onsult		T			Approval Dat			Expiration Da	te	
August 25, 2001 Phone: (505) 466-8120				Conditions of Approval: Attached							

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
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State of New Mexico Energy Minerals and Natural Resources

Form C-101 Revised March 17, 1999

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies



APPL	ICATIO	ON FOR	PERMIT T	O DRILI	, RE-EN	TER,	DEEPEN,	PLUGBAC	K, OR	ADD	A ZONE	
XTO En		. 1	Operator Name and				4-6714		² OGRID N		167067	
2700 Fai	rmingto	n Av.,	Bld. K, So	uite 1, F	armingt	on, N	M 87401	30 -	³ API Nut	nber		
3 Propert	. Property Code Ashcroft SWD Property N					ne				^ℓ V/ell	No. 1	
<u>.</u>			7.01.010		urface Lo					<u> </u>	<u> </u>	
UL or lot no.				North/South line	Feet from the	East/We	et lin v	Сошту				
В	26	29n	11w		998	1 1	orth	2114	Ea		SJ	
	<u> </u>		Proposed B	ottom Hole			ferent From		Lu	<u> </u>	. 33	
UL or lot no.	1 1 1			Feet from		North/South line	Feet from the	East.We	st line	Сошту		
Entrad	a	°P	roposed Pool 1		1	•		16 Prop	osed Pool 2		<u> </u>	
1	-		Well Type Cod		Cable/Rotary R			Lease Type Code		5,	¹⁵ Cround Level Elevation 5,440'	
"м N	ultiple O		Proposed Depth 7,500	<u>, </u>	En	ntrada .		Contractor		Spud Date 9 - 1 - 0 1		
		1	- '' P	roposed C	asing and	l Cemer	nt Program	1				
Hole S	ize	 	ng Size	Casing weig	tht/foot	Setting Depth			Sacks of Cement		Estimated TOC	
17"			3/8"		48						rface	
12-1/	4"	9-	5/8"		36	_1 . ' 1			25 sx 35 sx	1	rface 000'	
	· · · · · ·		· ·			···	7,300 3		,			
	 -									†		
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. Incorrect footage was shown from north line on previous submittal. Correct footage shown above.												
21 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.					the best of	OIL CONSERVATION DIVISION						
Signature:	aukiu/CIICI.	/<	run G	kel		Approved	I by:					
Printed name:		Br	ian Wood	t t		Title:						
Title: C	onsult	ant				Approval	l Date:		Expiration	Date		
Phone: (505) 466-8120			Conditions of Approval: Attached									

Submit 3 Copies To Appropriate District Office	State of Ne Energy, Minerals and						Revis	Form C- sed March 25, 1	
District I 1625 N. French Dr., Hobbs, NM 87240				WE	ELL API N				
District II 811 South First, Artesia, NM 87210	OIL CONSERVA			5)-045-3			_
District III	2040 South] 3.	Indicate T			- 5 2	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, N	NM 87	/505		STAT			E 🔀	_
2040 South Pacheco, Santa Fe, NM 87505				6.	State Oil &	& Gas L	ease No).	
SUNDRY NOTIC (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)		EPEN C	R PLUG BACK TO A	۱			nit Agre	ement Name:	
1. Type of Well:				ASI	ECROFT SV	MD			
Oil Well Gas Well X	Other			-	117-11 N.				_
2. Name of Operator				1	Well No.				
3. Address of Operator					#1 Pool name	or Wil	dcat	· · · · · · · · · · · · · · · · · · ·	\dashv
2700 Farmington Ave., Bldg.	K. Ste 1 Farmington,	NM 8	7401		TRADA		dout		
4. Well Location								<u></u>	
Unit LetterB	998 feet from the	NOR	TH line and	211	.4 fe	et from	the	est 1	ine
Section 26	Township 29	n :	Range 11W	N	MPM		County	SAN JUA	. T
	10. Elevation (Show wh			, etc.)					
11 011-	' 4 Day 4 Tu 1		O'GR					3633333333333	
	Appropriate Box to Ind	licate		, ,	•			_	
NOTICE OF INTI					QUENT	REP(
PERFORM REMEDIAL WORK	PLUG AND ABANDON		REMEDIAL WOR	K			ALTER	ING CASING	
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRI		OPNS.		PLUG A	AND ONMENT	
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AN CEMENT JOB	N D					
OTHER:			OTHER: Starte	d Wate	r Inject	ion			X
12. Describe Proposed or Complete of starting any proposed work). or recompilation.	-	-	ertinent details, and	d give p	ertinent da	ates, inc	_		
Started water injection @	2:50 p.m., 4/29/02.								
					, N		:		
					MA	1202			
				•	A. A.	- 1 j			
					7, 90 0 − 1 2000	ogen det. Have he		į	
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					-4.,,	1			
hereby certify that the information above	is two and complete to the h	ant of r	av lenguilades and ha	-li-ef		<u>.</u>			_
nereby certify that the information above	is true and complete to the b	estorn	ny knowledge and be	ener.					
IGNATURE Cary M	arti	TITL	F OPERATIONS EN	GINEER	<u> </u>	D.	ATE	5/24/02	_
ype or print name RAY MARTIN					Τe	elephone	No.	505-324-109	0
This space for State use)	2		MPBTY (ML & SAS	177 . t pr	7º 84:	-f]*	MAN	/ 9 , 200	17 1
PPROVED BY Church 77- onditions of approval, if any:		_ TITI	.E			DA	ΓE	* * C 200	<u>4</u>

Submit 3 Copies To Appropriate District Office Finergy	State of New Mexico Minerals and Natural F	-		Form C-103
Distric 1	viniciais and ivalulai r		ELL API NO.	Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 87240 Distric: II	ONSERVATION D	IVISION	30-045-3	
811 South First, Artesia, NM 87210 Distric: III	2040 South Pacheco		Indicate Type of I	ease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 8750.	50 0 11 0 N	STATE 😠	FEE
Distric: IV. 2040 South Pacheco, Santa Fe, NM 87505	6	APR 0	State Oil & Gas L	ease No.
SUNDRY NOTICES AND R (DO NOT USE THIS FORM FOR PROPOSALS TO DE DIFFERENT RESERVOIR. USE "APPLICATION FOR PROPOSALS.) 1. Type of Well:	RILL OR TO DEEPEN OR PI	LUG BACK TO A DR SUCH	Lease Name or Un	uit Agreement Name:
Oil Well Gas Well X Other	, and the second second			
2. Name of Operator		8.	Well No.	
XTO Energy Inc.			#1	
3. Address of Operator		,	Pool name or Wild	lcat
2700 Farmington Ave., Bldg. K. Ste 1	Farmington, NM 8740	1 (EN	TRADA	
	eet from the NORTH	line and 21	14 feet from	he EST line
	ownship 29N Ran		-	County SAN JUAN
	tion (Show whether DR,		80000000	
		,452' RKB		
11. Check Appropriat		•	• ′	
NOTICE OF INTENTION	i		QUENT REPO	_
PERFORM REMEDIAL WORK PLUG AN	D ABANDON RE	MEDIAL WORK		ALTERING CASING L
TEMPORARILY ABANDON	PLANS CO	MMENCE DRILLING		PLUG AND [ABANDONMENT
PULL OR ALTER CASING MULTIPL COMPLE		SING TEST AND MENT JOB		
OTHER: Step Rate Test	х от	HER:		[
12. Describe Proposed or Completed Operation of starting any proposed work). SEE RULE or recompilation.	• •		•	_
XTO Energy, Inc. plans to rum a Ste history are attached.	p Rate Test on 04/15	5/02. The procedu	ure, wellbore di	agram and well
	<u> </u>	······································		
I hereby certify that the information above is true and c	omplete to the best of my k	mowledge and belief.		
(Kay M. At	TETOTE TO O	perations Enginee	- D.	TF 4/11/02
SIGNATURE CAST TOWN	IIILE_	peracrons migniee		110
Type of print name Ray Martin	-		Telephone	No. 505-324-1090
(This space for State use)	•	MPHTY OIL & GAS INS	HECTOR, MIT. 🊜	APR 11 2002
APPROVED BY Conditions of approval, if any:	TITLE_		DA1	IE

ASHCROFT SWD #1 ENTRADA STEP RATE TEST SEC 26B, T29N, R10W SAN JUAN CO., NM

- 1. TIH w/7" pkr, SN, \pm 6,500' 3-1/2" tbg.
- 2. Set pkr @ ±6,500'.
- 3. Press tst tbg/csg annulus to 1,000 psig.
- 4. SWI 24 hrs. Notify Aztec OCD office of Step Rate tst. <u>See attached OCD guidelines for step rate tst.</u>
- 5. Install full opening 10,000 psig 3-1/2" frac valve on tbg & 5,000 psig ppg tee on frac valve.
- 6. MIRU Tefteller Inc SL ut. RIH w/tandum 10,000 psig BHP bombs to 7,270'. Entrada perfs 7,224'-7,382'.
- 7. MIRU American Energy to run step rate test on well. Start ppg at as slow a stable rate as pmp trk can pmp. Try for initial rate step @ 0.25 BPM must have three rate stops below frac pt & 3 rate stops above frac point (max rate increment is 0.5 BPM unless approved by OCD rep.). Pump each step until rate & press stabilize (minimum 15" unless approved by OCD rep.). Record time, inj rate, inj press, inj vol, bradenhead press, 9-5/8" x 13-3/8" csg annulus annulus, 7" x 9-5/8" csg annulus press & TCA press. RDMO American Energy.
- 8. POH w/BHP bombs. RDMO SL unit. Remove ppg tee on frac vlv.

17-1/2" HOLE

12-1/4" HOLE

GL: 5,440° CORR: 12'

KB: 5,452

13-3/8" 48.0#, H-40 CSG @ 341'. CIRC 26 BBLS TO SURF CMT'D W/400 SX CMT

9-5/8" 36.0#, J-55 CSG @ 2,553'. CMT'D W/850 SX CMT.

CIRC'D 54 BBLS CMT TO SURF

8-3/4" HOLE

TOC @ 3,300'

ASHCROFT SWD #1

WELLBORE DIAGRAM

DATA

OCATION: 998' FNL & 2,114' FEL, UNIT B, SEC 26, T29N, R11W COUNTY/STATE: SAN JUAN CO., NM

FIELD: ENTRADA

FORMATION: ENTRADA

SPUD DATE: 12/19/01 API#: 30-045-30788

COMPLETION DATE: NA **XTO WELL #: 72320**

<u>₩</u>

PRODUCTION METHOD: NA

PERFS: 7,224' - 7,312' & 7,330' - 7,382' 4 JSPF (TTL 560 0.43" HOLES) PROD TUBING: NA

HISTORY

12/20/01 BEARCAT DRLG CO. RIG #2 SPUDDED HOLE FOR XTO ENERGY, CO. ON 12/19/01. 12/21/01 BIT #1 DRLD 9-7/8" PILOT HOLE THROUGH BOULDERS TO 165'. BIT #2 DRLD 12-1/4" PILOT HOLE THROUGH BOULDERS TO 165'. BIT #3 STD DRLG 17-1/2" HOLE.

DRLD 17-1/2" HOLE TO 341. SET 13-3/8", 48.0#, H-40 CSG @ 341'. CMT'D W/400 SX TYPE III CMT W/3% CaCl₂ + 1 /4#/SX CELLOFLAKE. MIXED @ 14.6 PPG & 1.41 12/22/01

CU FT/SX. CIRC 26 BBLS CMT TO SURF.
DRLD 12-1/4" HOLE TO 555'. HIT 50 BPH WTR FLOW.
DRLD 12-1/4" HOLE TO 1,062'. KO FLWG GAS & WTR ON BIT TRIP @ 1,062'. 12/27/01 12/28/01

WEIGHTED UP MUD TO 11.9 PPG.

DRLD 12-1/4" HOLE TO 2,556'. SET 9-5/8" 36,0#, J-55, STC CSG @ 2,553'. BJ SERVICES CMT'D W/500 SX PREMIUM LITE FM CMT (65/35/6) W/2% KCL & 1/4 #/SX 01/04/02

CELLOFLAKE LEAD SLURRY (MIXED @ 12.5 PPG, 1.96 CUFT/SX YIELD)

SCHOWE BY 350 SX TYPE II CMT W3%, CACL, & 114 #ISX CELLOFICAKE TAIL SLURRY (MIXED @ 14.5 PPG, 1.41 CU FT/SX YIELD). CIRC 54 BBLS CMT TO SURF. DRLD 8-3/4" HOLE TO 5,534'. LOST CIRC. MIXED MUD & LCM. RE-GAINED CIRC. DRLD 8-3/4" HOLE TO 6,610'. LOST CIRC. MIXED MUD & LCM. RE-GAINED CIRC. TD 8-3/4" HOLE TO 6,610'. LOST CIRC. MIXED MUD & LCM. RE-GAINED CIRC. TD 8-3/4" HOLE @ 7,512' ON 01/19/02. SCHLUMBERGER RAN OPENHOLE LOGS:

01/15/02 01/20/02

PLATFORM EXPRESS AI/CAL/GR/SP & TLD/CN/Pe & MICRO LOG. FMI LOG.

SET 7", 23#, J-55 CSG @ 7,510'. BJ SERVICES CMT'D W/835 SX PREMIUM LITE FM CEMENT (65/35/6) W/2% KCi, 1/4 #/SX CELLOFLAKE, 0.6% CD-32, 0.5% FL-52 & 4% 01/22/02

PHENOSEAL (MIXED @ 11.9 PPG & 2.23 CUFT/SX) LEAD SLURRY FOLLOWED BY 200 SX CLASS H CEMENT W/2% KCI, 0.6% FL-62,1/4 #/SX CELLOFLAKE & 4%

PHENOSEAL (MIXED @ 15.6 PPG & 1.21 CUFT/SX.) TAIL SLURRY. DID NOT CIRC CMT TO SURF. REL RIG 01/22/02. TOC @ 3,300' BY TEMP SURVEY. PRESS TSTD 7" PROD CSG TO 1,000 PSIG FOR 30". HELD OK. COMPUTALOG RAN GR/CCL LOG FR/7,462" (WLM PBTD) - 7,050". PERF'D 04/07/02 04/09/02

Å SET PKR @ 7,108'. BD ENTRADA PERFS @ 2,653 PSIG. EIR WWTR 2.6 BPM @ ENTRADA 4 JSPF FR/7,382'-7,330' (TTL 208 - 0.43" HOLES). 04/10/02

1,750 PSIG. PPD 10 BW. SD. ISIP 1,400 PSIG. ACIDIZED ENTRADA PERFS FR77,330-82' W/1,450 GALS 7-1/2% HCL ACID. AIR 7.3 BPM. ATP 3,500 PSIG. ISDP

1,550 PSIG. 15" SIP 1,226 PSIG.

7" 23.0#, J-55 CSG @ 7,510' CMT'D W/1,035 SX CMT.

PBTD 7,462' WLM

TOC @ 3,300' BY TS

🗮 7,224' - 7,382' ENTRADA

Page 1 of 2

WEADNITO WAS COMED IN DISCUSSION AND TO SERVICE AND THE SWITH #1, dog

<u>04/11/02</u> SET 7" RBP @ 7,320', PRESS TSTD RBP & CSG TO 1,580 PSIG FOR 30", HFI D OK. COMPUTALOG PERFD ENTRADA 4 JSPF FR/7,312' – 7,224' (TTL 352 0,43" HOLES).

:

Catanach, David

From:

Catanach, David

Sent:

Monday, August 27, 2001 12:58 PM Brian Wood (E-mail) XTO Application

To: Subject:

Brian, For your information, we now have a new "Checklist" for administrative applications. This replaces the old "Coversheet". I need this checklist for the XTO application. It can be printed from our website at www.emnrd.state.nm.us
Please submit this form as soon as possible, inasmuch as the application is not complete without this form. If you need help, call me at (505) 476-3466. If you want, fax it to me at (505) 476-3471.

David Catanach

Thanks,

New Mexico Oil Conservation Division---Enginnering Bureau Administrative Application Process Documentation

Date Application R	eceived:		J-2001
Date of Preliminary (Note: Must be wit	Review: hin 10-days of received date	-	D-2701
Results:	Application Complete	<u>X</u>	_Application Incomplete
Date Incomplete Le	etter Sent:	-	8-2701 Enhaled
Deadline to Submit	_	9-3-01	
Phone Call Date: (Note: Only applies	s if requested data is not sub	mitted wi	thin the 7-day deadline)
Phone Log Comple	ted?	Yes _	No
Date Application Pi	rocessed:		
` •	eturned: st resort & only after repeate nation to process the applica	•	ts by the Division to obtain

Catanach, David

From:

Hayden, Steven

Sent:

Monday, August 27, 2001 1:08 PM

To: Subject: Catanach, David RE: Brian Wood App.

This was the Entrada well, right?

The application should be for pool #96436, SWD; Entrada. Other than that, I don't see any problem. Its okay to get as senile as Johnson, just don't start looking like him.

Steve Hayden NM OCD District III 1000 Rio Brazos Rd. Aztec, NM 87410

<u>shayden@state.nm.us</u> (505) 334-6178 Ext. 14

Fax: (505) 334-6170

----Original Message----

From:

Catanach, David

Sent:

Monday, August 27, 2001 11:04 AM Hayden, Steven

To:

Subject: Brian Wood App.

Steve, I know we talked about this disposal application for XTO Energy (Ashcroft No. 1), but I don't recall what we talked about. Refresh my memory please.

(Getting as senile as Roy)