State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach, Division Director Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

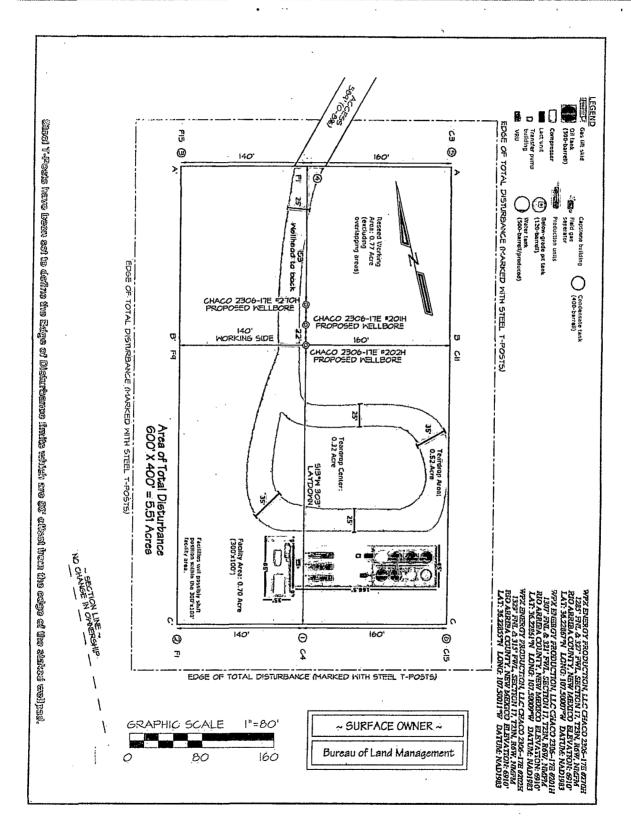
Operator Signature Date: 6/2/15

Well information:

API WELL# Well No	me Well	Operator Name	Type S	Stat	County	Surf_Owner	UL	Sec	Twp	/S Rng	W/E
30-045-09249-00-00 FEDERA	L A 003	XTO ENERGY, INC	G A	4	San Juan	F	Α	26	30 N	1 13	8 W

Application Type:
P&A Drilling/Casing Change Location Change
Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)
Other:
Conditions of Approval:
Extend Dakota/perf plug up to 6208' plus excess.
Katheric Parkel
<u>6-11-15</u>
NMOCD Approved by Signature Date

B.5. Interim Reclamation & Long-Term Disturbance Map



Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

JUN 0 2 2015

5. Lease Serial No. NMSF078213

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

abandoned we	6. If Indian, Allottee	6. If Indian, Allottee or Tribe Name				
SUBMIT IN TRI	PLICATE - Other instruc	tions on reve		d Management If Unit or CA/Agre	ement, Name and/or No.	
1. Type of Well			8. Well Name and No	•		
Oil Well Gas Well Oth		DOOO!	FEDERAL A 3			
Name of Operator XTO ENERGY INC	Contact: E-Mail: Kristen_Ba	KRISTEN BA bcock@xtoene		9. API Well No. 30-045-09249-	00-S1	
3a. Address		3b. Phone No. Ph: 505-33	(include area code)	10. Field and Pool, or BASIN DAKOT		
ENGLEWOOD, CO 80155				•		
4. Location of Well (Footage, Sec., T)		11. County or Parish,		
Sec 26 T30N R13W NENE 11 36.788350 N Lat, 108.168730				SAN JUAN CO	UNTY, NM	
12. CHECK APPI	ROPRIATE BOX(ES) TO) INDICATE	NATURE OF N	I NOTICE, REPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			TYPE OF	ACTION		
Notice of Intent	☐ Acidize	☐ Deep	en	☐ Production (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing	☐ Fract	ure Treat	□ Reclamation	□ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	☐ New	Construction	☐ Recomplete	☐ Other	
☐ Final Abandonment Notice	☐ Change Plans		and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug	Back	☐ Water Disposal		
ATO ENERGY INC. proposes proposed wellbore diagrams. needed due to this well being	to Plug and Abandon this A Closed Loop System wi	s well per the	attached proced Surface Reclama	ure, current and ation Plan is not		
	OIL CONS.	DIV DIST.	3			
SEE ATTACHED CONDITIONS OF A	FOR JUN	08 2015	BLM'S APPR ACTION DO OPERATOR AUTHORIZA	ROVAL OR ACCEPTANCE OF THE SECOND THE LESSED FROM OBTAINING ANY OTHE ATTION REQUIRED FOR OPERAL AND INDIAN LANDS	AND R	
14. I hereby certify that the foregoing is	Electronic Submission #3	NERGY INC,	sent to the Farmi	ngton		
	BABCOCK			ATORY ANALYST		
Signature (Electronic S	Submission)		Date 06/02/20	115		
	THIS SPACE FO	R FEDERA			·	
_Approved_By_TROY_SALYERS _			TitlePETROLE	UM ENGINEER	Date 06/05/2015	
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conductive transfer of the conductive trans	uitable title to those rights in the	not warrant or subject lease	Office Farming	ton		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BRB	
MTG	
Approved	

Federal A #3 Sec 26, T 30 N, R 13 W San Juan County, New Mexico 5/11/2015

Plug and Abandon Procedure

AFE Number:

1503286

Spud Date:

10/02/1960

Surface Casing:

8-5/8", 24#, J-55 csg @ 233'. Cmt'd w/200 sx. Circ 50 sx cmt to surf.

Production Casing:

28 jts 4-1/2", 11.6#, J-55 csg & 178 jts 4-1/2", 9.5#, J-55 csg @ 6,583'. Cmt'd w/280

sx. Circ cmt to surf.

Capacity: .0162 bbls/ft or .6825 gal/ft

Casing Leaks:

Inspection Log dated 8/28/1963 shows bad casing fr/3,570' -4,170'.

Sqz'd 100 sx cmt on 8/28/1963. Resqz'd 100 sx cmt on 8/29/1963.

Production Tubing:

2-3/8" string

Perforations:

Dakota: 6,356' - 6,488'

Other in Hole:

CIBP @ 6,308'

PBTD:

6,548'

Recent Production:

0 MCFPD, 0 BWPD, 0 BOPD (INA on 11/26/2014). BH open.

Notify NMOCD & BLM 24 hours prior to beginning plugging operations

- 1. Check for COA's and approved NOI before beginning operations.
- 2. Test rig anchors.
- Set flowback tank.
- 4. MIRU completion rig. Review JSA.
- 5. ND WH. NU & FT BOP.
- 6. Circulate hole clean.
- 7. TOH tubing.
- 8. MIRU WLU. Review JSA.
- 9. Run CBL/CCL log from CIBP @ 6,308' surface. Correlate to GR on Sonic Log dated 10/14/1960. Send CBL to engineer.

Plugs may need altered based off CBL results. Contact engineer with changes.

- 10. TIH tubing.
- 11. MIRU cement truck. Review JSA.
 - *Casing will not pressure test. All plugs below the Mesaverde must be tagged.*
- 12. **Perforation Isolation & Dakota Top Plug (6,308' 6,258'):** Pump 8 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 6,308' 6,258' (volume calculated with 50' excess). WOC. Tag plug.
- 13. Mancos Top Plug (4,628' 4,528'): Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 4,628' 4,528' (volume calculated with 50' excess). WOC. Tag plug.
- 14. **Mesaverde Top Plug (3,417' 3,317):** Perforate 3 squeeze holes at 3,417'. Establish injection rate into squeeze holes. Set 4-1/2" CICR at 3,367'. Pump 51 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield). Squeeze 39 sx outside casing and leave 12 sx inside casing from 3,417' 3,317 (volume calculated with 50' excess inside and 100% excess outside). WOC.
- 15. Attempt to pressure test casing fr/3,317' surface. If casing doesn't pressure test, tag subsequent plugs.
- 16. Chacra Top Plug (2,900' 2,800): Perforate 3 squeeze holes at 2,900'. Establish injection rate into squeeze holes. Set 4-1/2" CICR at 2,850'. Pump 51 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield). Squeeze 39 sx outside casing and leave 12 sx inside casing from 2,900' 2,800 (volume calculated with 50' excess inside and 100% excess outside).
- 17. Lewis & Pictured Cliffs Top Plug (2,035' 1,767): Perforate 3 squeeze holes at 2,035'. Establish injection rate into squeeze holes. Set 4-1/2" CICR at 1,985'. Pump 129 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield). Squeeze 104 sx outside casing and leave 25 sx inside casing from 2,035' 1,767 (volume calculated with 50' excess inside and 100% excess outside).
- 18. Fruitland Coal Top Plug (1,238' 1,138'): Perforate 3 squeeze holes at 1,238'. Establish injection rate into squeeze holes. Set 4-1/2" CICR at 1,188'. Pump 51 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield). Squeeze 39 sx outside casing and leave 12 sx inside casing from 1,238' 1,138 (volume calculated with 50' excess inside and 100% excess outside).
- 19. **Kirtland & Ojo Top & Surface Plug (420' Surface):** Perforate 3 squeeze holes at 420'. Establish injection rate into squeeze holes. Pump 207 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield). Squeeze 170 sx outside casing and leave 37 sx inside casing from 420' surface (volume calculated with 50' excess inside and 100% excess outside).
- 20. RDMO WLU.
- 21. TOH & LD tubing.
- 22. RDMO cement truck.
- 23. WOC 24 hours.
- 24. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
- 25. Cut off anchors and reclaim location.

Checklist

Regulatory:

- 1. NOI to P&A on form C-103
- 2. Submit a post-work sundry on form C-103 which details the P&A work and location work within 30 days of completing all required restoration work.

'Equipment:

- 1. I flowback tank
- 2. 4-4-1/2" cement retainers
- 3. 509 sx Class "B" cement
- 4. 1 above ground marker

Services:

- 1. Completion rig .
- 2. Cement truck
- 3. Wireline Unit



XTO - Proposed P&A Wellbore Diagram

Well Name: Federal A 03

PI/UWI	XTO Accounting I	D	Permit Number		State/Province			ounty		.•
30045092490000 .ocation	67511 Spud Date		Original KB Elevation (ft)		New Mexico Ground/Corrected Ground	Flevation (#)		San Juan B-Ground Distance (ff)	
гзоN-R13W-S26		10/2/1960 00:00	Original KB Elevation (it)	5,802.00			,790.00	B-Ground Distance (12.
Vertical - Ori	inal Hole, 5/20/2015/11:06:	56 AM	Formations - : -			-		Aug and	Land The said	4.4
AID TVG		osed)	Formation Name	·-		Fir	nal Top MD (f	КВ) 12.0	Final Bottom MD (ft	tKB) 241
IND) TUND) TEEL SEE STEEL SEE SEE	e la	1960) 1 (1961) 1 (196	Nacimiento Formation Name		· · · · · · · · · · · · · · · · · · ·	Fir	nal Top MD (f		Final Bottom MD (ft	
12.1		THE PERSON NAMED IN THE PE	Ojo Alamo				,	240.0	,	370
232.9 Surface; 8 5/8 in; 0.00	Ib/ft —	Cement; 12.0-233.0 ftKB	Formation Name		-	Fir	nal Top MD (f	370.0	Final Bottom MD (ft	,
240.2			Kirtland Formation Name			Fir	nal Top MD (f		Final Bottom MD (ft	1,18 tkb)
370.1		Cement Plug - P & A; 12.0- 	Fruitland Coal	•				1,188.0	. `	1,81
419,9		Cement Plug - P & A; 12.0- 420.0 ftKB	Formation Name Pictured Cliffs			Fir	nai Top MD (f	кв) 1,817.0	Final Bottom MD (ft	tKB) 1,98
1,138.1		Cement Retainer; 4.09 in;	Formation Name			· Fir	nal Top MD (f		Final Bottom MD (ft	
1,188.0 -		/1,188.0-1,190.0 ftKB Cement Plug - P & A;	Lewis					1,985.0		2,85
1,190.0		/ 1,138.0-1,238.0 ftKB	Formation Name Chacra			Fir	nal Top MD (f	:КВ) 2,850.0	Final Bottom MD (ft	(KB) 3,36
1,237.9		/ Cement Plug - P & A; 1,138.0-1,238.0 ftKB	Formation Name			Fir	nal Top MD (f		Final Bottom MD (ft	
1,767.1		Cement Retainer; 4.09 in;	Mesaverde					3,367.0		4,57
1,816.9		/ 1,985.0-1,987.0 ftKB	Formation Name Mancos			, Fir	nal Top MD (f	кв) 4,578.0	Final Bottom MD (ft	tKB) 6,35
1,984,9		Cement Plug - P & A; / 1,767.0-2,035.0 ftKB	Formation Name			Fir	nai Top MD (f		Final Bottom MD (ft	
2.035.1		Cement Plug - P & A; 1,767.0-2,035.0 ftKB	Dakota					6,355.0		ye
.799.9		Cement Retainer; 4.09 in;	Wellbores Wellbore Name	and the second second second second second	in the second of	Parent Wellbore		·	t in the second second second	
2,850.1		2,850.0-2,852.0 ftKB Cement Plug - P & A;	Original Hole			Original Hole				
2,852.0		/ 2,800.0-2,900.0 ftKB Cement Plug - P & A;	Start Depth (ftKB)		Profile Type	····	K	ck Off Depth (ftKB)		
2,899.9		2,800.0-2,900.0 ftKB		TALL TANK OF TALES	The same of the sa	on a second	12/	n na sarat sara	and the second	
3,316.9		Cement Retainer; 4.09 in; // 3,367.0-3,369.0 ftKB	Casing Strings	Set Depth (ft	ZOVERNI IL SALVE SAVOI	Nava sa sa a a a a a a a a a a a a a a a	TO TOTAL MANAGEMENT	11 - 21 (II) (A) 10 2 2 3 4 2 3	Fig. 5 - The Control of the Control	4
3,369.1		Cement Plug - P & A;	Surface	Ser Ser Septimiti	233.0	8 5/8	STAN STANKAY.	reen (ID/II)	Grade Grade	00 × 4 × 2
3,417,0		Cement Plug - P & A;	Production		6,583.0	4 1/2		9.50	J-55	
3,569.9		3,317.0-3,417.0 ftKB Cement Squeeze; 3,570.0-	Cement				<u> </u>			
4,169.9		4,170.0 ftKB		Type	Strling	7.07.32.32		€ Com v c	15.435E3+12.7	2011/11/2
4,200.1		The state of the s	Surface Casing	Casing	Surface, 233.0ftKB	Cmt'd w/200 s	SX			
4,527.8		t is grown a regardade i december de sidente.	Cement							
4,578.1		Cement Plug - P & A;	Production Casing Cement	Casing	Production, 6,583.0ftKB	Cmt'd with 28	0 sx 50-5) Dyamix, 2% g	el, Complete re	eturns.
6,257.9	~~~~ <u></u>	Cement Plug - P & A;	Cement Squeeze	Squeeze	Production,	Sqz'd w/200 s	SX			
3,308.1		6;258.0-6,308.0 ftKB CIBP; 4.09 in; 6,308.0-			6,583.0ftKB					
6,310.0		6,310.0 ftKB	Cement Plug - P &	Plug	Production, 6,583.0ftKB	Plug 1: Pump	8 sx f/6,3	08' - 6,258'.		
6,356.0			Cement Plug - P &	Plug	Production,	Plug 2: Pump	12 sx f/4,	628' - 4,528'.		
6,379.9			A		6,583.0ftKB	ļ <u> </u>	1-1 C	00 - 1/0 11**	0.047!	
6,440.0		The second section of the second section of the second section of the second section of the second section sec	Cement Plug - P &	Casing	Production, 6,583.0ftKB	Plug 3 (outsid	ie): Pump	39 sx f/3,417' -	3,317.	,
6,467.8		processors and a set or reflexive contribution to the purpose of	Cement Plug - P &	Plug	Production,	Plug 3 (inside): Pump 1	2 sx f/3,417' - 3	3,317'.	
6,472.1	I = I		[A .		6,583.0ftKB					•
6,547.9 PBTD; 6,548.0	ftKB	"Cement; 4,200.0-6,583.0 " " f. ftKB	Cement Plug - P &	Casing	Production,	Plug 4 (outsid	le): Pump	39 sx f/2,900' -	2,800'.	
Production; 4 1/2 in;	9.50	Auto cement plug; 6,548.0- 6,583,0 ftKB	Α		6,583.0ftKB	ŀ				
6.584.0	J-55	0,000,010,00						<u> </u>		
			11							



XTO - Proposed P&A Wellbore Diagram

Well Name: Federal A 03

API/UWI	XTO Accounting ID	Permit Number	State/Province	County
30045092490000	67511		New Mexico	San Juan
Location	Spud Date	Original KB Elevation (ft)	Ground/Corrected Ground Elevation (ft)	KB-Ground Distance (ft)
T30N-R13W-S26	10/2/1960 00:00	5,802.00	5,790.00	12.00

2014-	R13W-	526	1	0/2/1960 00:00
i i si i si i	yaaan s	Vertical - Original Ho	le, 5/20/2015 11:06:5	ZAM A LANGE A STATE
MD	TVD			The second second second second
ftKB)	√(ftKB)‡	Ver	tical schematic (propos	ed) The Willes of the Control of the Section of the
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232.9 -		···· Surface; 8 5/8 in; 0.00 lb/ft	J	Cement; 12.0-233.0 ftKB
233.9		to the same of the		4
240.2				Cement Plug - P & A; 12.0- 420.0 ftKB
370.1	· '			Cement Plug - P & A; 12.0-
419.9	-			420.0 ftKB
,138.1 -		The second secon		Cement Retainer; 4.09 in;
,188.0				/ 1,188.0-1,190.0 ftKB —/ Cement Plug - P & A;
,190.0				/1,138.0-1,238.0 ftKB
.237.9		and the second s		/ Cement Plug - P & A;
767.1				1,138.0-1,238.0 ftKB
				Cement Retainer; 4.09 in;
816.9				1,985.0-1,987.0 ftKB
984.9				Cement Plug - P & A;
,986.9		and the state of t		Cement Plug - P & A;
.035.1				1,767.0-2,035.0 ftKB
,799.9				Cement Retainer; 4.09 in; 2,850.0-2,852.0 ftKB
,850.1 -				Cement Plug - P & A;
,852.0 .				
.899.9				Cement Plug - P & A;
			a la	2,800.0-2,900.0 ftKB Cement Retainer; 4.09 in;
316.9				/3,367.0-3,369.0 ftKB
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,369.1		on the same of the same and a server		3,317.0-3,417.0 ftKB Cement Plug - P & A;
417.0	- 1			3,317.0-3,417.0 ftKB
,569,9		to have been part to the term of the first one constitution		Cement Squeeze; 3,570.0-
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578.1				
.628.0				Cement Plug - P & A; 4,528.0-4,628.0 ftKB
·			~	Cement Plug - P & A;
257.9				6,258.0-6,308.0 ftKB
,308,1	1	a service of the serv		CIBP; 4.09 in; 6,308.0-
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,3 5 6.0 ·	-	an annual services. An extreme the services of the services the lay	Who shall	* # ACC PE 1108 \$ 2 45 MPE PE EX MENT \$ 1 121 F PACE
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547,9	-	Production: 4 1/2 in: 9 50		. ftKB
,583.0		Production; 4 1/2 in; 9.50 lb/ft; J-55		Auto cement plug; 6,548.0 6,583.0 ftKB
,584.0			AND THE PARTY OF T	

_	<u> </u>		<u> </u>	
	Cement			
٦	Des Des	Type	《美国和String》	Com
	Cement Plug - P & A	Plug	Production, 6,583.0ftKB	Plug 4 (inside): Pump 12 sx f/2,900' - 2,800'.
	Cement Plug - P & A	Casing	Production, 6,583.0ftKB	Plug 5 (outside): Pump 104 sx f/2,035' - 1,767'.
_	Cement Plug - P & A	Plug	Production, 6,583.0ftKB	Plug 5 (inside): Pump 25 sx f/2,035' - 1,767'.
	Cement Plug - P & A	Casing	Production, 6,583.0ftKB	Plug 6 (outside): Pump 39 sx f/1,238' - 1,138'.
4	Cement Plug - P & A	Plug	Production, 6,583.0ftKB	Plug 6 (inside): Pump 12 sx f/1,238' - 1,138'.
	Cement Plug - P & A	Casing	Production, 6,583.0ftKB	Plug 7 (outside): Pump 170 sx f/420' - surf.
1	Cement Plug - P & A	Plug	Production, 6,583.0ftKB	Plug 7 (inside): Pump 36 sx f/420' - surf.
				MANDLE PRINCIPLE CONTRACTOR OF THE CONTRACTOR OF
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Cement Retainer		,	4.09		3,367.0			3,369.0
Occurred Database					0.050.0	1		0.050.0



Downhole Well Profile - with Schematic

Well Name: Federal A 03

200-11-10-11-11-11	1 1			,	weii name:	rederal A U3					•
3004509249	90000		XTO Accour 67511	nting ID .	Permit Number		State/Province New Mexico)	County San Jua	ın	1
Location T30N-R13W	V-S26		Spud Date	10/2/1960 00:00	Original KB Elevation (ft)	5,802		ed Ground Elevation (ft)	5,790.00 KB-Ground	Distance (ft)	12.00
	TVD	Inc	r		Wellbores						
MD (ftKB)	(ftKB)	(°)	Vertical	schematic (actual)	Wellbore Name		Parent Wellbore		Wellbore A		
- 12.1 -			26455447177778346498447834877817844437773447794494444	· · · · · · · · · · · · · · · · · · ·	Original Hole		Original Hole	3		92490000	
232.9	_	1.		Surface: 8 5/8 in; 234.0 ftKB	Start Depth (ftKB)		Profile Type		Kick Off De	pth (ftKB)	.'
- 233.9 -				Surface, 6 3/0 iii, 233.0 tikb	Section Des	Telephone Control (Control (Co	 	a statistic la completation	Act Top (ftKB)	W TO A COLF	3tm (ftKB)
~ 240.2 .		-			Surface	British (940)-4408 (11.5 (4) 1 4.5 (4) 1 4.5 (4) 1	E. 1997 - 100 - 10	10 5/8	12.		234.0
·· 370.1 ~	-	-			Production			7 7/8	234.	0	6,584.0
- 419.9					Zones						
1,138.1 ~		-			Zone Name		Top (ftKB)	erso erasa	Btm (ftKB)	S Curry	ent Status
- 1,188.0 -	•			· · · · · · · · · · · · · · · · · · ·	Dakota	·-		6,356.0	6,488.		
1,190.0	-			the second control of the second seco	Casing Strings						
- 1,237.9 -		1		e cardenario e la anti- le agretio a liberario con energia.	Csg Des	Set Depth	(ftKB)	OD:(in)	Wt/Len (lb/ft	18578.518533.20	Grade (
- 1,767.1 -		1			Surface	2-7 (7-6)	233.0	8 5/		. 1 3000-0-0-0	
- 1,816.9 - - 1,984.9 -	**				Production		6,583.0	4 1/	2	9.50 J-55	
- 1,986.9					Cement				STARTE COTT	A MANAGEMENT	A STATE OF THE STA
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~ 2,799.9				and a substitute of the state o	Surface Casing Ceme	ent	Casing		Surface,	233.0ftKB	
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- 6,472.1 -		1		/ PBTD; 6,548.0 ftKB	Frac#	Top Perf (ftKB)	ottom Rerf (ftKB)	AIR (bbl/min)	MIR (bbl/min)	TWP (bbl)	Total Proppant (lb)
- 6,487.9		Ι.		Production; 4 1/2 in; 6,583.0]						-
6,547.9 - 6,583.0 -				Cement; Auto cement plug;				•			
6,584.0		.]		6,583.0 ftKB —TD - Original Hole; 6,584.0 ftKB							•
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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: Federal A #3

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
- 3. The following modifications to your plugging program are to be made:
 - a) Set a plug (5547-5437) ft. to cover the Gallup top. BLM picks top of Gallup at 5497 ft.
 - b) Set a plug (1557-1457) ft. inside/outside to cover the Fruitland top. BLM picks top of Fruitland at 1507 ft.
 - c) Set the surface plug (430-0) ft. inside/outside to cover the Kirtland and Ojo Alamo tops, surface casing shoe and surface plug. Adjust cement volume accordingly.

Operator will run a CBL from 6308 ft. to surface to verify cement top. Outside plugs will be required if cement top is not adequate for zonal isolation. Submit electronic copy of the log to the following addresses: tsalyers@blm.gov Brandon.Powell@state.nm.us

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.