Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

SUNDRY N	NOTICES AN	D REPORT	S ON WELLS
Do not use this	form for pro	posals to dri	Il or to re-enter an
ahandoned well	Use form 3	160-3 (APD) f	or such proposals

Lease Serial No. NMSF078094

	II. Use form 3160-	6. If Indian, Allottee or Tribe Name	
SUBMIT IN TR	IPLICATE - Other i	instructions on reverse side.	7. If Unit or CA/Agreement, Name and/or No.
Type of Well Oil Well	her		8. Well Name and No. FULLERTON FEDERAL 6E
Name of Operator XTO ENERGY INC		ntact: KRISTEN LYNCH sten_Babcock@xtoenergy.com	9. API Well No. 30-045-24639-00-C1
3a. Address ENGLEWOOD, CO 80155	ş ,	3b. Phone No. (include area code) Ph: 505-333-3206	10. Field and Pool, or Exploratory BASIN DAKOTA WEST KUTZ GALLUP
 Location of Well (Footage, Sec., 1) Sec 11 T27N R11W NWNE 7 36.594650 N Lat, 107.969930 	90FNL 1850FEL	cription)	11. County or Parish, and State SAN JUAN COUNTY, NM

TYPE OF SUBMISSION		TYPE C	F ACTION	
Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
Notice of Intent	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomplete	Other
☐ Final Abandonment Notice	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
88	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

XTO Energy Inc, received verbal approval from Brandon Powell w/NMOCD on 2/3/16 and Jack Savage on 2/4/16, to set a RBP @ 5,732' over the GP/DK perfs and P&A well within 90 days due to a casing

XTO Energy Inc, requests permission to Plug and Abandon this well per the attached procedure. A Closed Loop System will be used. Please see attached Current and Proposed WBD. Please also see the attached undered Surface Reclamation Plan.

Notify NMOCD 24 hrs OIL CONS. DIV DIST. 3 prior to beginning operations

FEB 2 9 2016

ACTION DOES NOT RELIEVE THE LESSEF AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

14. I hereby certify that	the foregoing is true and correct. Electronic Submission #331645 verifie For XTO ENERGY INC, Committed to AFMSS for processing by Mik	sent to	the Farmington	SE)
Name (Printed/Typed)	KRISTEN LYNCH	Title	REGULATORY ANALYST	
Signature	(Electronic Submission)	Date	02/16/2016	
	THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE	
Approved By JACK S	AVAGE	Title	PETROLEUM ENGINEER	Date 02/25/201
certify that the applicant ho	any, are attached. Approval of this notice does not warrant or olds legal or equitable title to those rights in the subject lease olicant to conduct operations thereon.	Office	e Farmington	

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





BRB	
MTG	
Approved	

Fullerton Federal #6E Sec 11, T 27 N, R 11 W San Juan County, New Mexico 2/8/2016

Plug and Abandon DK/GP Procedure

AFE Number:

1600920 (GP), 1600918 (DK)

Spud Date:

11/8/1980

Surface Casing:

8-5/8", 24#, K-55 csg @ 540'. Cmt'd w/375 sx. Circ cmt to surf.

Production Casing:

4-1/2", 10.5#, K-55 csg @ 6,550'. DV tl @ 4,840'. Cmt'd w/1,625 sx Class B cmt in 2

stages. Circ cmt to surf.

Capacity: .0159 bbls/ft or .6699 gal/ft

Casing Leaks:

Squeeze leaks (1980) fr/4,249' - 4,310'

Production Tubing:

2-3/8" string

Other in Hole:

RBP @ 5,732'

Perforations:

Gallup: 5,753' - 5,834'

Dakota: 6,370' - 6,394'

PBTD:

6,487

Recent Production:

0 mcfpd, 0 bwpd, 0 bopd (casing leak).

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.
- 3. Set flowback tank.
- 4. MIRU completion rig. Review JSA.
- 5. Kill well.
- 6. ND WH. NU & FT BOP.
- 7. TOH tubing.
- 8. TIH on-off tool. Unset RBP @ 5,732'. TOH.
- 9. TIH 4-1/2" CICR and set @ ±6,350'. PT tubing.

10. MIRU cement truck. Review JSA.

Casing will not pressure test. All plugs must be tagged until casing pressure tests.

- 11. **Perforation Isolation & Dakota Top Plug (6,350' 6,247'):** Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 6,350' 6,247' (volume calculated with 50' excess). WOC. Tag plug.
- 12. TOH tubing. TIH 4-1/2" CICR and set @ ±5,703'.
- Perforation Isolation & Gallup Top Plug (5,703' 5,348'): Pump 31 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 5,703' 5,348' (volume calculated with 50' excess). WOC. Tag plug.
- 14. Mancos Top Plug (4,607' 4,507'): Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 4,607' 4,507' (volume calculated with 50' excess). WOC. Tag plug.
- 15. Mesaverde Top Plug (3,429' 3,329'): Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 3,429' 3,329' (volume calculated with 50' excess). WOC.
- Attempt to pressure test casing fr/3,329' surface to 500 psig with chart for 30 minutes. If casing doesn't
 pressure test, contact engineer.
- 17. Chacra Top Plug (2,801' 2,701'): Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 2,801' 2,701' (volume calculated with 50' excess).
- 18. Pictured Cliffs Top Plug (1,909' 1,809'): Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,909' 1,809' (volume calculated with 50' excess).
- 19. Fruitland Coal Top Plug (1,482' 1,382'): Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,482' 1,382' (volume calculated with 50' excess).
- 20. Kirtland and Ojo Top Plug (909' 662'): Pump 23 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 909' 662' (volume calculated with 50' excess).
- 21. Surface Casing Shoe Plug (590' 490'): Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 590' 490' (volume calculated with 50' excess).
- 22. Surface Plug (100' Surface): Pump 12 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 100' Surface (volume calculated with 50' excess).
- 23. TOH & LD tubing.
- 24. RDMO cement truck.
- 25. WOC 4 hours.
- 26. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
- 27. Cut off anchors and reclaim location.
- 28. RDMO completion rig.

Checklist

Regulatory:

- 1. NOI to P&A on form C-103 & 3160-5
- 2. Submit a post-work sundry on form C-103 & 3160-5 which details the P&A work within 30 days.

Equipment:

- 1. 1 flowback tank
- If tbg doesn't PT, 6,400' workstring
 2 4-1/2" cement retainers
 150 sx Class "B" cement

Services:

- Completion rig
 Cement truck



Downhole Well Profile - with Schematic Well Name: Fullerton Federal 06E

API/UWI 30045246390000 Location T27N-R11W-S11 XTO Accounting ID 78700 State/Province New Mexico County San Juan Permit Number KB-Ground Distance (ft) Spud Date Original KB Elevation (ft) Ground/Corrected Ground Elevation (ft) 12.00 11/8/1980 00:00 6,043.00 6,031.00

	TVD	Incl			Wellbores								
ID (ftKB)	(ftKB)	(°)	Vertica	al schematic (actual)	Wellbore Name Original Hole			Parent Wellbore Original Hole			Wellbore AP	IWWI	
200		1			Start Depth (ftKB)			Profile Type			Kick Off Dept	h (ftKB)	
12.1			9808X 8999 - 3 1000	SURFACE; 12 1/4 in; 540.0			12.0						
NAUTON I				√ ftKB		Des		Size (in)		Aci	Top (ftKB)	Act Bt	tm (ftKB)
540.0				PROD1; 7 7/8 in; 6,550.0 ftKB	SURFACE				12 1/4		12.0		540.0
				Squeeze Holes; 4,249.0-4,310.0	PROD1		100		7 7/8		540.0	THE RESERVE	6,550.0
4,249.0		1		Cement; Cement Squeeze;	Zones								
2 10				4,310.0 ftKB Cement; Cement Squeeze;	Gallup Zone N	ame		Top (ftKB)	5,753.0	8	5,834.0	Curre	nt Status
4,270.0				√4,301.0 ftKB	Dakota				6,370.0		6,394.0		
				Hole in Csg; 4,270.0-4,301.0			100000		0,370.0	CONTRACTOR OF THE PARTY OF THE	0,394.0		A 10 10 10 10 10 10 10 10 10 10 10 10 10
4,300.9		1	Was Sax		Casing Strings								
			300		Csg Des Surface		Set Depth (ftKE	540.0	OD (in)	8 5/8	Wt/Len (lb/ft)	24.00 K-55	Grade
4,310.0		1	1000		CONTRACTOR OF THE PARTY OF THE			6,550.0		4 1/2	HALL THE	10.50 K-55	
-0.0					Production			0,550.0		4 1/2		10.50 K-55	
4,839.9		1		the same that the same to be a same to be	Cement	Des			7.00			String	
					Surface Casing C		7.7.1.1	Casing	Туре		Surface, 5		
4,841.9		1			Production Casin			Casing			THE RESERVE OF THE PARTY OF THE	n, 6,550.0ftKB	
					Cement Squeeze			Squeeze				n, 6,550.0ftKB	
5,694.2		1		Seat Nipple; 2 3/8 in; 5,695.3	Cement Squeeze			Squeeze				n, 6,550.0ftKB	
		1		Seat Nippie; 2 3/6 in; 5,695.3 ftKB				Oqueeze	-	_	1 Toddollor	1, 0,000.01111.	
5,695.2				100000000000000000000000000000000000000	Tubing Strings Tubing Description			Run Date			Set Depth (ft	KB)	
Direct I					Tubing - Producti	on	-	Null Dale	2/4/2016		Set Depar (it	NO)	5,695.
5,695.5		1			Item D	les	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
				100	Tubing		2 3/8		J-55	179	5,682.20	12.0	5,694.2
5,732.0		1		Bridge Plug - Temporary;	Seat Nipple	ARCHES IN	2 3/8	0000		1	1.10	5,694.2	5,695.3
				5,732.0-5,736.0 ftKB	Notched Collar		2 3/8	ST.		1	0.40	5,695.3	5,695.7
5,735.9					Rod Strings								
15					Rod Description			Run Date		Property.	Set Depth (fti	(B)	
5,753.0			WWW WWW	Perforated; 5,753.0-5,756.0				12					
T. J.		N 356		ftKB	Item D	les	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
5,755.9			100		Other In Hele		No. of Lot	1					
Salation .		-		Perforated; 5,816.0-5,834.0	Other In Hole Run Date		Des		OD (in)		Top (ftKB)		Btm (ftKB)
5,815.9			1 2000	I	9/18/2001	Hole in			OD (III)	4 1/2		270.0	4,301.0
			7000 000	N2 Energized Frac	2/3/2016	The state of the s	Plug - Tempo	orary		4		732.0	5,736.0
5,834.0						Dilago	log Tompo	ordiny.			0,	702.0	0,100.0
					Perforations Date		Top (ftKB)		Btm (ftKB)			Zone	
6,370.1			1900 1900	Hydraulic Fracture Perforated; 6,370.0-6,394.0	2/23/2009	CONTRACT CALL		4,249.0		4,310.0	Maria Maria	2010	
0.004.0				ftKB	2/19/2009			5,753.0		CALCON PROCE	Gallup, Original Ho	ole	
6,394.0			W W	PBTD; 6,487.0 ftKB Production; 4 1/2 in; 6,550.0	9/18/2001			5,816.0			Gallup, Original Ho		
0.510.0		100/2		ftKB	12/17/1980			6,370.0			Dakota, Original H		
6,549.9				TD - Original Hole; 6,550.0 ftKB	120 111 1000			-101010		-100110	- India, original i		



Downhole Well Profile - with Schematic

Well Name: Fullerton Federal 06E

APVUWI 30045246390000	XTO Accounting ID 78700	Permit Number		County San Juan
T27N-R11W-S11	Spud Date 11/8/1980 00:00	Original KB Elevation (ft) 6,043.00	Ground/Corrected Ground Elevation (ft) 6,031.00	KB-Ground Distance (ft) 12.00

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
(13112)	()	1	- Strong Strong (assess)
12.1			SURFACE; 12 1/4 in; 540.0
540.0			Surface; 8 5/8 in; 540.0 ftKB PRODI; 7 7/8 in; 6,550.0 ftKB Squeeze Holes; 4,249.0-4,310.0 ftKB
4,249.0			Cement; Cement Squeeze; 4,310.0 ftKB Cement; Cement Squeeze;
4,270.0			Cerrent Squeeze; 4,301.0 ft/S Hole in Csg; 4,270.0-4,301.0 ft/S
4,300.9			1000
4,310.0			
4,839.9			
4,841.9			
5,694.2		4	Seat Nipple; 2 3/8 in; 5,695.3
5,695.2		- 4	IIV.D
5,695.5			
5,732.0			Bridge Plug - Temporary; 5,732.0-5,736.0 ft/B
5,735.9			5,732.0-3,736.0 TIVR
5,753.0			Perforated; 5,753.0-5,756.0
5,755.9			ftKB
5,815.9			Perforated; 5,816.0-5,834.0 ftKB N2 Energized Frac
5,834.0			
6,370.1			Hydraulic Fracture Perforated; 6,370.0-6,394.0
6,394.0			ftKB / PBTD; 6,487.0 ftKB / Production; 4 1/2 in; 6,550.0
6.549.9			TD - Original Hole; 6,550.0 ftKB

Stimulations & Treatments									
Frac#	Top Perf (ftKB)	Bottom Perf (ftKB)	AIR (bbl/min)	MIR (bbl/min)	TWP (bbl)	Total Proppant (lb)			
ER Still III			Want State	A WASHINGTON					
379,344	3467 575								
	5,753	5,756	2.5	2.50	3.0	0.0			
	6,370	6,394	2.0	2.00	13.0	0.0			
Street Inch	5,816	5,834	2.0	2.00	35.0	0.0			

XTO Energy Page 2/2 Report Printed: 2/9/2016



XTO - Proposed P&A Wellbore Diagram

Well Name: Fullerton Federal 06E

	XTO Accounting ID 78700	Permit Number		County San Juan
Location T27N-R11W-S11	Spud Date 11/8/1980 00:00	Original KB Elevation (ft) 6,043.00	CALL STATE OF THE PROPERTY OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE	KB-Ground Distance (ft) 12.00

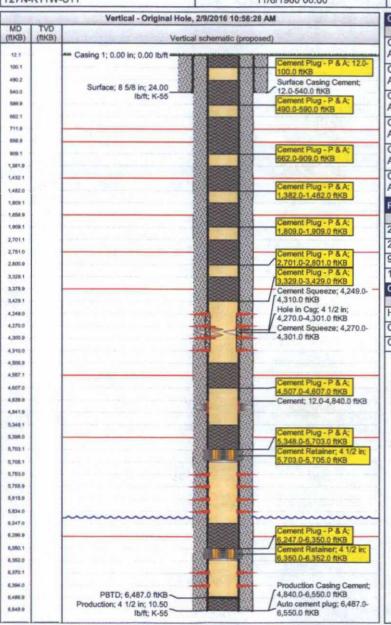
in the second	Little	Vertical - Original Hole, 2/9/2016	10:56:27 AM	Formations					
(B)	TVD (ftKB)	Vertical schemati	c (proposed)	Formation Name Ojo Alamo	He like		F	inal Top MD (ftKB) 712.0	Final Bottom MD (ftKB)
				Formation Name			F	inal Top MD (ftKB)	Final Bottom MD (ftKB)
12.1		Casing 1; 0.00 in; 0.00 lb/ft	Cement Plug - P & A; 12.0-	Kirtland				859.0	1,4
0.2			100.0 ftKB	Formation Name		1247	F	inal Top MD (ftKB)	Final Bottom MD (ftKB)
10.0		Surface; 8 5/8 in; 24.00	Surface Casing Cement; 12.0-540.0 ftKB	Fruitland Coal				1,432.0	
10.0		Ib/ft; K-55	Cement Plug - P & A;	Formation Name			F	inal Top MD (ftKB)	Final Bottom MD (ftKB)
12.1			490.0-590.0 ft/KB	Pictured Cliffs Formation Name			-	1,859.0 inal Top MD (ftKB)	2,7 Final Bottom MD (ftKB)
11.0				Chacra				2,751.0	The second secon
58.9				Formation Name			F	inal Top MD (ftKB)	Final Bottom MD (ftKB)
99.1			Cement Plug - P & A;	Mesaverde				3,379.0	
61.9			662:0-909.0 ftKB	Formation Name			F	inal Top MD (ftKB)	Final Bottom MD (ftKB)
32.1				Mancos				4,557.0	
82.0			Cement Plug - P & A; 1,382.0-1,482.0 ft/KB	Formation Name Gallup			F	inal Top MD (ftKB) 5,398.0	Final Bottom MD (ftKB) 6,2
09.1			(1,302.0-1,402.0 ft/B	Formation Name			E	inal Top MD (ftKB)	Final Bottom MD (ftKB)
58.9	-		[5 12 514	Dakota				6,297.0	
109.1			Cement Plug - P & A; 1,809.0-1,909.0 ftKB	Wellbores	7 7 7 7				
01.1	- 1			Wellbore Name			Parent Wellbore		
81.0			Cement Plug - P & A;	Original Hole			Original Hole		Land State S
100.9			2,701.0-2,801.0 ftKB Cement Plug - P & A;	Start Depth (ftKB)	Alto Elithon	Profile Type	Louiside	Kick Off Depth (ftKB)	MARKET AND
329.1			3,329.0-3,429.0 ftKB		are property and	12.0		CONTRACTOR OF STREET	Catalog and Catalo
78.9		Cement Squeeze; 4,24	Cement Squeeze; 4,249.0-	Casing Strings					
29.1			4,310.0 ftKB Hole in Csg; 4 1/2 in;	Csg Des	Set Dep	th (ftKB) C	D (in)	Wt/Len (lb/ft)	Grade
MBD		MAR	4,270.0-4,301.0 ftKB						
770.0	1		Cement Squeeze; 4,270.0- 4,301.0 ftKB	Surface		540.0	8 5/8	24.00	K-55
300.9		300	4,301.0 lbb	Production		6,550.0	4 1/2	10.50	K-55
310.0		880	100	Cement					
567.1		- W		Des	Type	String		Com	STATE OF THE PERSON NAMED IN
507.0			Cement Plug - P & A;	Surface Casing	Casing	Surface, 540.0ftKB	Cmtd w/375	SX CL "B" cmt w/2% CaC	22. Circ cmt.
839.9			4,507.0-4,607.0 ftKB Cement; 12.0-4,840.0 ftKB	Cement			100		
841.9			Cement, 12:0-4,640.0 ft/B	Production Casing	Casing	Production,	Cmt'd Stg 1	w/375 sx Class "B" cmt w/	/4% gel & 0.5% d-65 +
348.1				Cement		6,550.0ftKB	200 sx Clas	s "B" neat. Circ cmt. cmt	'd Stg 2 w/950 sx gulfr
398.0			Cement Plug - P & A;		100			00 sx Class "B" neat. Circ	
703.1			5,348.0-5,703.0 ftKB Cement Retainer; 4 1/2 in;	Cement Squeeze	Squeeze	Production,	Sazd w/250	sx Class "B" cmt w/2% Ca	CI2
705.1			5,703.0-5,705.0 ftKB	Toomoni oquota	0400020	6,550.0ftKB	Oqeo meo	on Oldor = 0 111270 Oc	- Ciaci
783.0				Cement Squeeze	Squeeze	Production,	Saz cea lke f	r/4,249'-4,310'.	
785.9				Coment oqueeze	Oqueeze	6,550.0ftKB	our cog ino	174,240 4,010.	
815.9				Cement Plug - P &	Plug	Production.	Diug 7: Dum	p 12 sx fr/1,482' - 1,382'	
834.0				A	riug	6,550.0ftKB	riug 7. rum	p 12 8x 11/1,402 - 1,302	
147.0				Compat Diva D 9	Phus		Diver C. Dum	n 12 av feld 0001 d 0001	
96.9	100		Cement Plug - P & A; 6.247.0-6,350.0 ftKB	Cement Plug - P &	Plug	Production, 6,550.0ftKB	Plug 6: Pum	p 12 sx fr/1,909' - 1,809'	
60.1			Cement Retainer; 4 1/2 in;	0 101 0.0	Di		DI 0 D	00 10001 0001	
52.0	6.53		6,350.0-6,352.0 ftKB	Cement Plug - P &	Plug	Production, 6,550.0ftKB	Plug 8: Pum	p 23 sx fr/909' - 662'	
	Lane.	1000		A	100				10
370.1		100	Production Casing Cement;	Cement Plug - P &	Plug	Production,	Plug 10: Pu	mp 12 sx fr/100' - surface	
	0.33	DOTO G 407 G GUD							
370.1		PBTD; 6,487.0 ftKB Production; 4 1/2 in; 10.50	4,840.0-6,550.0 ftKB Auto cement plug; 6,487.0-	A		6,550.0ftKB	The second second		



XTO - Proposed P&A Wellbore Diagram

Well Name: Fullerton Federal 06E

APVUWI 30045246390000	XTO Accounting ID 78700	Permit Number		County San Juan
Location T27N-R11W-S11	Spud Date 11/8/1980 00:00	Original KB Elevation (ft) 6,043.00	Ground/Corrected Ground Elevation (ft) 6,031.00	KB-Ground Distance (ft) 12.00



Cement				
Des	Туре	String	Com	
Cement Plug - P & A	Plug	Production, 6,550.0ftKB	Plug 9: Pump 12 sx fr/590' - 490'	
Cement Plug - P & A	Plug	Production, 6,550.0ftKB	Plug 2: Pump 31 sx fr/5,703' - 5,348'	
Cement Plug - P & A	Plug	Production, 6,550.0ftKB	Plug 1: Pump 12 sx fr/6,350' - 6,247'	
Cement Plug - P & A	Plug	Production, 6,550.0ftKB	Plug 3: Pump 12 sx fr/4,607' - 4,507'	
Cement Plug - P & A	Plug	Production, 6,550.0ftKB	Plug 5: Pump 12 sx fr/2,801' - 2,701'	
Cement Plug - P & A	Plug	Production, 6,550.0ftKB	Plug 4: Pump 12 sx fr/3,429' - 3,329'	

Perforations					
Date	Top (ftKB)	Birn (ftKB)	Zone		
2/23/2009	4,249.0	4,310.0			
2/19/2009	5,753.0	5,756.0	Gallup, Original Hole		
9/18/2001	5,816.0	5,834.0	Gallup, Original Hole		
12/17/1980	6,370.0	6,394.0	Dakota, Original Hole		

Des	OD (in)	Top (ftKB)	Btm (ftKB)
Hole in Csg	4 1/2	4,270.0	4,301.0
Cement Retainer	4 1/2	5,703.0	5,705.0
Cement Retainer	4 1/2	6,350.0	6,352.0

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: Fullerton Federal #6E

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 plug #1 (6320-6247) ft. to isolate the perforations and cover the Dakota top. Setting depth of plug must be 50 ft. above top of perforations. BLM picks top of Dakota at 6297 ft.
 - b) Set plug #2 (4582-4482) ft. to cover the Mancos top. BLM picks top of Mancos at 4532 ft.
 - c) Set plug #3 (3447-3347) ft. to cover the Mesaverde top. BLM picks top of Cliff House at 3397 ft.
 - d) Set plug #7 (1613-1513) ft. to cover the Fruitland Coal top. BLM picks top of Fruitland at 1563 ft.

Low concentrations of H₂S (2 ppm – 15 ppm GSV) have been reported in wells within a 1 mile area of this location.

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.