	/					Form approved		
Form 3160-5	A I ur	VITED STAT	ES	SUBMIT IN TRIPLE	ICATE*	Expires Augus		
(November 1983) (Formerly 9-331)	DEPARTME	NT OF THE	INTERIO	R verse side)		5. LEASE DESIGNATION	I AND SERIAL NO.	
(10,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/ BWREAU	OF LAND MAN	AGEMENT			SF-077107	TO THE NAME OF	
CLIN	NOTICE	ES AND REI	PORTS O	N WELLS		O. IF INDIAN, ALLUTTI	LE OR TRIBE RAME	
(Do not use thi	form for proposals	to drill or to deep	en or plug bac	k to a different reserveir cosais.)	•			
	Use APPLICATI	ON FOR PERMIT				7. UNIT AGREEMENT N	AME	
OIL GAS WELL	OTHER				Ì			
Z. NAME OF OPERATOR						8. FARM OR LEASE NA		
Amoco Pro	duction Co	ompany	ATTN:	J.L. HAMPTON		Michener A	LS	
3. ADDRESS OF OPERAT			1 00	201		#5A		
P. O. Box 800 Denver, Colorado 80201  1. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*						10. FIELD AND POOL, OR WILDCAT		
See also space 17 below.) At surface						Blanco Mesaverde		
1190' FNL, 790' FWL NE/NE						11. SEC., T., R., M., OR SURVEY OR ARE	BLK. AND	
	,	ŕ						
	n OT					Sec. 31, T2	8N, R9W	
14. PERMIT NO.	HTL.	15. ELEVATIONS (She		RT, GR, elc.)	•	San Juan	NM	
30-045-26595		6316'					1 10171	
16.	Check App	ropriate Box Ta	Indicate No	iture of Notice, Repo	ort, or C	ther Data		
NOTICE OF INTENTION TO:						CUENT EMPORT OF:		
TEST WATER SHUT	-OFF PU	LL OR ALTER CASING		WATER SHUT-OFF		REPAIRING	WELL	
FRACTURE TREAT	MU	LTIPLE COMPLETE		FRACTURE TREATME	i —	ALTERING		
SHOOT OR ACIDIZE		ANDON*	X	SHOOTING OR ACIDI	ZING	ABANDONM	ENT*	
REPAIR WELL	CH	ANGE PLANS		(Other)(Norm: Report	rt results	of multiple completio etion Report and Log	n on Well	
(Other)	OR COMPLETED OPERA	TIONS (Clearly stat	te all pertinent	I tall and also proting	at datas	including estimated d	late of starting and	
proposed work.	If well is direction:	ally drilled, give su	ibsurface location	uns and measured and tr	ue vertica	n debtus for all mark	ers and tones berei	
Please cont	act Cindy	Burton (30		-5119 if you  SEE ATTACHED F	ากต	DECE MAR2	6 19 <b>90</b>	
18. I hereby centify (	nat the foregoing is	true and correct	Sr.	Staff	in the second	DISTANCE OF THE PROPERTY OF TH	N. DIV., r. 3	
SIGNED	Hamptox	IUB	TITLEAdm	inistrative S	supv.	DATE	10010	
(This space for F	ederal or State office	(Hampton-				# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90	
			יייי ה			DATE		
APPROVED BY _ CONDITIONS OF	APPROVAL, IF A	YY:	TITLE			4 APLEA 1.751	18	
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			_	n cet	Part of the	Manneton resourc	走相位	
		*Se	e Instructions	on Reverse Side				

## BUREAU OF LAND MANAGEMENT 1235 La Plata Highway Farmington, New Mexico 87401 Phone (505) 327-5344

Attachment to Notice of

Re: Permanent Abandonment

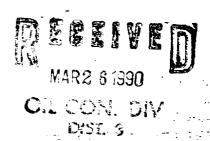
Intention to Abandon

Well: 5A Michener A LS

## CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. Mark Kally with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 327-5344.
- 3. Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made (when applicable):

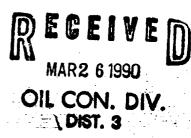
Office Hours: 7:45 a.m. to 4:30 p.m.



## GENERAL REQUIREMENTS FOR PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES FARMINGTON RESOURCE AREA

- 1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.
- 2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.
- 3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.
- 4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6%/gal slurry weight is to be used when using class B neat cement or when CaCl<sub>2</sub> is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).
- 5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.
  - 5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.
- 6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer.

  Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.
- 7. Following the placement of a cement plug, the withdrawl rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.



- 8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.
- 9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.
- 10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.