Form 3160 -5 (November 1983) (Formerly 9-331)	DEPARTM	NITED STATES ENT OF THE IN OF LAND MANAGE		SUBMIT IN THIP (Other lastruction verse side)	On re-	Form approved. Budget Bureau Expires August 5. LEASE DESIGNATION SF-078596a	No. 1004-0135 1 31, 1985
	form for proposal	ES AND REPOR	plug back to	WELLS		6. IF INDIAN, ALLOTTE	R OR TRIBE NAME
1. OIL CAR WELL WELL 2. NAME OF OPERATOR	OTHER			/////	2114	7. UNIT AGREEMENT N	
Amoco Proc	duction C	ompany A		L. HAMPTON	.icu F	8. FARM OR LEASE NA lorance 9. WBLL NO.	и г
See also space 17 belo At surface	eport location cleans,	ver, Colorado	0 8020 th any State	l requirements.	Diano	102 10. FIELD AND POOL, 10 ndes Frui	tland Coal
915	' FSL, 17	85' FE1				Sec. 18, T	A
14. FERMIT NO. 3004512193		15. ELEVATIONS (Show who		R, elc.)	<u> </u>	12. COUNTY OR PARIS	
10.	Check App	ropriate Box To India	cale Natur	e of Notice, Rep	ort, or Ot	her Data	
	OTICE OF INTENT	ſ—	,		EUÇSEBUR (HT EMPORT OF:	
TEST WATER SHUT-O FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	MI	LL OR AUTER CASING JUTIFLE COMPLETE ANDON* ANGE PLANS	-	WATER SHUT-OFF FRACTURE TREATM SHOOTING OR ACID (Other) (Note: Repo	ort results o	BEFAIRING ALTERING ABANDONM f multiple completion	CABINO ENT.
17. DESCRIBE PROPOSED OF	COMPLETED OPER	trions (Clearly state all ; ally drilled, give subsurfa	pertinent det	Completion of	or Recomplet	tion Report and Log f	orm.)
Amoco Produc see attached	-	any intends t edure:	SEE	and Aband ATTACHED FO DNS OF APPRI	R OVAL	ECEIV MAR2 6 199 DIL CON. 1 DIST. 2	
18. 1 hereby certify that	Yantin/	Ilampton TITL	Sr. S _E Admin	taff strative {	Supv.	APPRO	VED
(This space for Fed	eral or State offic	•	70			MAR 1 6	3 1990
CONDITIONS OF A	PPROVAL, IF A	TITL	.е.			Ken Tow	nsend
	. 1.	*See Insti	ructions on	Reverse Side		FOR AREA MAI	VAGER

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. State or Federal office for specific instructions. Consult local

Item 17: Proposats to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160. PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

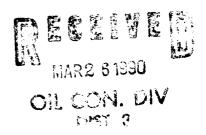
Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

P x A Procedures Florence 102 Location Sec 18-T30N-R8W

- 1) Oull tubing and Baker Packer
- 2) Displace Hole with 9 lb. MUD.
- 3) Trip in hole with tubing string and set cement retainer @ 1800'.
- 4) Squeeze Pictured Cliffs and Fruitland with 80 sacks of cement.
- 5) Shoot Perfs at 700' with 4 S.P.F.
- 6) If able to establish circulation pump 285 sacks of cement down 3.5" casing and circulate to surface.
- 7) If returns, close Bradenhead and aqueeze blance of slurry into Perfs (Go to step 11)
- 8) If not able to circulate, display casing w/9 lb. MUD.
- 9) Shoot Perfs @ 360' w/4 S.P.F.
- 10) Circulate fresh water to surface, pump 110 sacks of cement down 3.5" and circulate through Bradenhead.
- 11) Mark well as per BLM requirements.
- 12) Reclaim location.

Note: All cement will be 2% CaCL Class B Neat

Mud will be formulated with fresh water with minimum of 15 lb/bbl of sodium Bentonite, A non-fermenting polymer and have a minimum viscosity of 50 sec/qt.



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: 102 Florence

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 327 524. 326-620
- 3. Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made (when applicable):

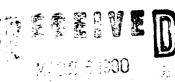
Office Hours: 7:45 a.m. to 4:30 p.m.



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 CaCl₂ 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.