Form 3150-5

## UNITED STATES

Form approved. Budget Bureau No. 1004-0135

November 1983)	DEPARTMENT OF THE INTERIOR (Other Instructions verse aide)		Other Instructions on r	on re- 5. LEASE DESIGNATION AND SERIAL NO.	
Formerly 9-331)				5. LEASE DESIGNATION	ON AND SERIAL NO.
	BURE.	AU OF LAND MANAGEME	ENT	NM 03992	
SUN (Do not use this	DRY NO	TICES AND REPORTS  ORALIS to drill or to deepen or plo CATION FOR PERMIT—" for suc	S ON WELLS ug back to a different reservoir. ch proposals.)	6. IF INDIAN, ALLOT	
OIL GAS WELL WELL	X OTHER			7. UNIT AGREEMENT	
2. NAME OF OPERATOR	8. FARM OR LEASE NAME				
E. L. Funding	Sunical Fe	deral			
3. ADDRESS OF OPERATOR	9. WELL NO.				
7400 E. Orcha	rd Road	Suite 240 Englewoo	od, COlorado 80111	17	
4. LOCATION OF WELL (F See also space 17 belo At surface	10. FIELD AND POOL, OR WILDCAT  5, Blance  Gavelin PC				
	.850' FSL	& 1850' FWL		Sec. 23 T24	MA.
14. PERMIT NO.		15. ELEVATIONS (Show whether	er DF, RT, GR, etc.)	12. COUNTY OR PARI	SH 13. STATE
		. 7259 GR		Rio Arriba	NM
16.	Check A	ppropriate Box To Indical	e Nature of Notice, Report, or	Other Data	
	EQUENT REPORT OF:				
TEST WATER SHUT-O	FF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRIN	G WELL
FRACTURE TREAT		MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING	CASING
SHOOT OR ACIDIZE		ABANDON*	SHOOTING OR ACIDIZING	ABANDON	MENT*
REPAIR WELL		CHANGE PLANS	(Other)		
(Other)			(Note: Report result Completion or Record	its of multiple completion pletion Report and Log	on on Well

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones pertinent to this work.)\*

Operator requests permission to Plug & Abandon the above well as follows:

- Run 2-3/8" tubing to PBTD @ 3269'. Establish circulation to surface.
- Cement 4-1/2" casing from PBTD to surface with 327 cu. ft. Class "B" neat cement (280 sacks).
- Install dryhole marker.
- Clean location and reseed as per BLM requirements.

0-153 down buck Siele

SEE ATTACHED FOR ON CONDITIONS OF APPROVAL

18. I hereby certify that the foregoing is true and correct SIGNED R D STEMMONS	TITLE Agent	DATE 4-11-88
(This space for Federal or State office use)  APPROVED BY	TITLE	O DANGE COMMENT
CONDITIONS OF APPROVAL, IF ANY:	e Instructions on Reverse Side	JUMBEA MANAGER

## 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: 17 Sunical Federal

## 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) 327-5344.
- 3. Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made (when applicable): See streetheek

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.