DEPARTMENT OF THE INTERIOR Verse side) BUREAU OF LAND MANAGEMENT					1-89-IND-5	I-89-IND-58 Siminital Address Control Navajo Tribal	
SUNDRY NOTICES AND REPORTS ON WELLS (The not the this form for proposals to drill or to despen or plug back to a different reservoir. The "APPLICATION FOR PLEMIT—" for such proposals.)					Navajo Tri		
WELL XX SABELL	отнев				7. UNIT AGETEMENT N	YX#	
2. NAKE OF OFFICETOR						8. FARM OR TRADE NAME	
TIFFANY GAS COMPANY						USG SECTION 18	
P.O. DRAWER 3307-	E A DMT NICT	YOM NIM 197/199			27		
4. LOCATION OF WELL (Rep. See also space 17 below. At surface	Hogback Dake	Hogback Dakota					
165' FSL 8	FULVET OR AREA	Sec. 18, T29N, R16W					
l l			(Show whether or, st. cm, etc.)		12. COUNTY OR PARIS	1	
		4996' GR,	4999' DF		San Juan	NM	
16.	Check Ap	propriate Box To I	ndicale Nat	ure of Notice, Report, o			
Non	ICE OF INTEN	710 x 70 :		ECBI	EZGENT LEPORT OF:	,-· -	
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF	EEPAIRING	1	
FRACTURE DERAT		NULTIPLE COMPLETE	XX	PRACTURE TERATMENT SHOOTING OR ACIDIZING	ALTERING (
SHOOT OF AUDIZE	<u> </u>	ABANDON® THANGE PLANE		(Other)			
etither)	· · · · · ·			(Norm: Report res	ults of multiple completion pupletion Report and Log for	on Well	
Pump 59 CF (5664' and circula	0 sx) ce ate cemer	ement down $4rac{1}{2}$ ' nt back up the	', 10.5# tubing w	Casing @663' and //no displacement.	open hole inter	val 663' -	
10 10 10 10 10 10 10 10 10 10 10 10 10 1			SEE CONDITI	ATTACHED FOR ONS OF APPROVAL	DECEI OCT 02 1 OIL CON	198 9	
SIGNED STATE	/de	true and correct	ITLE AGEN	T/TIFFANY GAS COM	PANY DATE 9	11/89	
The space for Federal	or State office	re use)			A = 2.00		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:			ITLE		Johnstell	R	
	(,h *See 1	nstructions 0	n Reverse Side	FARMINGTON RESOURCE	E AREA	

Title 18 U.S.C. Section 1001, makes 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.

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: 27 USG Section 18

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. Bill Blackerd 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.

DEGE 1009
OCTO2 1009
OIL CON.

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.