Form 316 (Novembe (Formerly	т 1983)	UNITED EPARTMENT OF BUREAU OF LAN	THE INTERIO		ICATE* Budg Expir 5. LEASE D	approved. et Bureau No. 1004— es August 31, 1985 ESIGNATION AND ERNAL	
(D	SUNDR's o not use this form Use	Y NOTICES AN for proposals to drill of "APPLICATION FOR P	D REPORTS Of to deepen or plug baterMIT—" for such pro	N WELLS ck to a different reservoir.	6. IF INDIA	9-IND-58 N, ALLOTTEE OR TRIBE N	AME
OIL WELL 2. NAME O	X GAS WELL	OTHER		97 MAR 16 AMT		TEEMENT NAME	
Tiffany Gas Company 8. ADDRESS OF OPERATOS P.O. BOX 3307, Farmington, N.M. 87499 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface						ajo 18	
						5 10. FIELD AND POOL, OR WILDCAT Hogback Dakota	
495'	FNL & 2475'	FEL			SURVI	E., M., OR BLK. AND ST OR ARBA .8T29NR16W	
14. PERMIT	NO.	15. ELEVATIO 5108	ns (Show whether DF, B	T, GR, etc.)	•	OR PARISH 18. STATE	
16.		heck Appropriate Bo	ox To Indicate Na	ture of Notice, Report	, or Other Data	r :	
FRACTU SHOOT (REPAIR (Other))	PCLL OR ALTER MULTIPLE COMP ABANDON® CHANGE PLANS	X X	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZIN (Other)	R A	EPAIRING WELL LTERING CASING BANDONMENT*	
Pump	106 cf (90s 05' with no		•	e subject well a Csg. @ 788' & op		rval from 788'	
			C	SEE ATTACHED I ONDITIONS OF APP	FOR L'Ú PROVAL MA	CEIVE AR2 6 1990 CON. DIV.	
						DIST. 3	•
SIGNED SIGNED	Jim Hicks	lar	t TITLE Agent-	Tiffany Gas Co.	DATE _	March 14, 19	 90 =-
APPROVE CONDITIO	D BY ONS OF APPROVAL	L, IF ANY:	TITLE		DATE _ /s/ J	chn L Kaller	
			NMO	∩r%	FARMINGTO	IN RESOURCE AREA	

NMOCIÓ*See 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

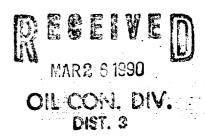
Intention to Abandon

Well: 5 May 18

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. 326-6201
- 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.

