CERTIFIED -- RETURN RECEIPT REQUESTED P 337 993 202

Abbott Oil and Gas Mr. Ralph G. Abbott 3013 North 100 West Provo, UT 84604

Dear Mr. Abbott:

SEP. 20 1990



SEP 21 1990

OIL CON. DIV. DIST. 3

Reference is made to Well No. 23 Central Totah, located 263'FNL 700'FEL section 11, T. 28 N., R. 13 W., San Juan County, New Mexico, on Federal oil and gas lease NM-0338690. As you are aware, this well is the responsibility of MAST Enterprise, as record lessee. Also referenced is the decision issued by the Interior Board of Land Appeals (IBLA) on August 9, 1990, regarding the order issued to you by this office on September 2, 1988, to properly plug and abandon the above mentioned well.

Based upon the IBLA decision, and reiterating the Bureau of Land Managements previous stance, you are hereby given thirty (30) days in which to submit a Sundry Notice of Intent to Abandon Well No. 23 Central Totah, and to have the well properly plugged and abandoned by no later than November 1, 1990. NO further extensions will be granted.

By copy of this letter, your surety (Aetna Casualty & Surety Co.) is being alerted that, if by November 2, 1990, Well No. 23 has not been properly plugged and abandoned and the surface rehabilitated, they will be requested to utilize the bond to complete the work.

The aforementioned 30 days begins upon receipt of this letter or seven days from the date it is mailed, whichever is earlier. Failure to comply with this order timely will result in initiating actions to collect your bond (No. 60 S 100052847 BCA).

Sincerely,

is John L. Keller

John L. Keller Chief, Branch of Mineral Resources

Aetna Casualty & Surety Co., P. O. Box 33070, Phoenix, AZ 85067 Well file 3162.3-4 Fluids NMOCD. Aztec NW920 019:JKeller:dh:09-19-90

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Form 3160-5

UNITED STATES

FORM APPRO	OVED
Budget Bureau No.	1004-0135
Expires: March	31, 1993

une 1990) DEPARTMEN	T OF THE INTERIOR	Budget Bureau No. 1004-0135 Expires: March 31, 1993
BUREAU OF I	LAND MANAGEMENT	5. Lease Designation and Serial No.
Do not use this form for proposals to dr	AND REPORTS ON WELLS ill or to deepen or reentry to a different reservoir. R PERMIT—" for such proposals	NM 0338690 6. If Indian, Allottee or Tribe Name
,	IN TRIPLICATE	7. If Unit or CA, Agreement Designation Totah
1. Type of Well X Oil Gas Outer Paramount	Petroleum P.O. Box 22703 Houston Tex	!
Ralph G. Abbott		9. API Well No.
3. Address and Telephone No.		None
3013 North 100 West Provo, Uta	ah 84604 801-374-9028	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D.	escription)	Totah Gallup
Sec. 11, T-28N, R-13 W. NMPM	263' /N & 700'/E San Juan N. Mex.	San Juan, New Mexico
2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	X Atlandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	L_J Other	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state a give subsurface locations and measured and true vertical)	Ill pertinent details, and give pertinent dates, including estimated date of starting cal depths for all markers and zones pertinent to this work.)*	
Set bridge plug at 5700'Pressure up hole 500# psi.Perfprate 4 holes at 3255'		
<u>-</u>	ace approximately 40 sx. of cement in	Mesa Verde.
Fill hole with cement to sur		•
	e pipe and 4 $1/2$ " casing with cement needed in completing steps one thru si	х.
Note if casing fail a new progra		
Vill contact B.L.M. at 326-6201	before work is started.	ATTACHED FOR

CONDITIONS OF APPROV

Place dry hole marker restore location as required by B.L.M.

Ihave a rig promised to do work between the 19th of November and 26th of November. 0.1030

	% NOVI 2 1220	en in the second second
14. I hereby serrify that the foregoing is true and correct	Title OIL CON. DIV.	Date 1931/90
(This space for ederal or State office use) Approved by Conditions of approval, if any:	Title	Part Hills

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 Syltes any false, fictitious or fraudulent statements or representations as to any marter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA 1235 LA PLATA HIGHWAY FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 23 Central Torch

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. Mr.k Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 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.

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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 normal ermenting polymer.

 Minimum consistency of plugging mud must be 9 lbs/gall and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilities, 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 10 1/2 min, in order to minimize the contamination of the plug.

 DIST. 3

- 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.