

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

I-89-IND-58

NAVAJO

Tribal

|  |   |
|--|---|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRY HOLE                                    | 7. UNIT AGREEMENT NAME  |
| 2. NAME OF OPERATOR<br>TIFFANY GAS COMPANY   | 8. FARM OR LEASE NAME<br>USG SECTION 19                                 |
| 3. ADDRESS OF OPERATOR<br>P.O. DRAWER 3307, FARMINGTON, NM 87499   | 9. WELL NO.<br>51   |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface 315' FNL & 2120' FWL | 10. FIELD AND POOL, OR WILDCAT<br>Hogback Dakota                        |
| 14. UNIT NO.   | 11. SEC., T., R., W., OR BLK. AND SURVEY OR AREA<br>Sec. 19, T29N, R16W |
| 15. ELEVATIONS (Show whether DT, KT, CR, etc.)<br>5004' GR   | 12. COUNTY OR PARISH<br>San Juan  |
|  | 13. STATE<br>NM   |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: |                                     | SUBSEQUENT REPORT OF: |                          |
|-------------------------|-------------------------------------|-----------------------|--------------------------|
| TEST WATER SHUT-OFF     | <input type="checkbox"/>            | WATER SHUT-OFF        | <input type="checkbox"/> |
| FRACURE TREAT           | <input type="checkbox"/>            | FRACURE TREATMENT     | <input type="checkbox"/> |
| SHOOT OR ACIDIZE        | <input type="checkbox"/>            | SHOOTING OR ACIDIZING | <input type="checkbox"/> |
| REPAIR WELL             | <input type="checkbox"/>            | (Other)               | <input type="checkbox"/> |
| (Other)                 | <input type="checkbox"/>            |                       |                          |
| PULL OR ALTER CASING    | <input type="checkbox"/>            | REPAIRING WELL        | <input type="checkbox"/> |
| MULTIPLE COMPLETE       | <input checked="" type="checkbox"/> | ALTERING CASING       | <input type="checkbox"/> |
| ABANDON*                | <input type="checkbox"/>            | ABANDONMENT*          | <input type="checkbox"/> |
| CHANGE PLANE            | <input type="checkbox"/>            |                       |                          |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 zones pertinent to this work.)\*

8/23/89

- 1) Drilled to T.D. of 672.5' GR w/no commercial show of oil or gas.
- 2) No casing to be removed.
- 3) Propose to abandon by pumping 64.9 FT3 (55 sx) Class "B" Cement down 4½", 10.5# casing set @ 646' w/90 sx (circulated).
- 4) Abandonment procedure verbally approved by Mark Philliber of the Farmington BLM Office.

RECEIVED

SEP 08 1989

OIL CON. DIV.  
DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

APPROVED

SEP 01 1989

FOR AREA MANAGER  
FARMINGTON RESOURCE AREA

I hereby certify that the foregoing is true and correct

SIGNED Jim Hicks

TITLE Agent/Tiffany Gas Company

DATE 8/24/89

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCD

\*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  
Intention to Abandon

Re: Permanent Abandonment

Well: 51 USG Sec. 19

CONDITIONS OF APPROVAL

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

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  $\text{CaCl}_2$  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 withdrawal 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.