Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires. March 31, 1993

Expires: March 31, 1993
5 Lease Designation and Serial No.

I-89-IND-58 SUNDRY NOTICES AND REPORTS ON WELLS 6 1 Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals NAVAJO 7 If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1 Type of Well 8 Well Name and No. X Oil Well USG Sec, 18-38 Name of Operator 9. API Well No. TIFFANY GAS CO. 30--045-25991 3. Address and Telephone No 10. Field and Pool, or Exploratory Area P.O. Box 50, Farmington, NM 87499 505-325-1701 HOGBACK PENNSYLVANIAN 4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 990 FNL & 1650 FEL 11 County or Parish, State Sec. 30-T29N-R16W San Juan County, NM 5166' K.B. 5153'GR CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Abandonment Notice of Intent New Construction Recompletion Non-Routine Fracturing Subsequent Report Plugging Back Water Shut-Off Conversion to Injection Final Abandonment Notice Altering Casing (Note: Report results of multiple completion on Wel-Completion or Recompletion Report and Log form (13 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)* Subject well was plugged and abandoned per the attachments: OIL CON. DIV. 14. I hereby certify that the foregoing is true Title Agent, Tiffany Gas Co. Federal of State office use) (This space for Title Conditions of approval, if any

NMOCD
*See Instruction on Reverse Side

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 St

or representations as to any matter within its jurisdiction.

DISTRICT MANAGER

I-89-IND-58

Tiffany Gas Company USG Sec. 18-38 990' FNL and 1650 FEL Sec. 30, T29N, R16W San Juan County, NM

PLUG AND ABANDONMENT REPORT

Cementing Summary:

- Plug #1 with tubing at 6792' mix 150 sxs Class B cement and displace down 2-7/8" tubing to 5943' to cover Desert Creek perforations from 6792' to 6514'.
- Plug #2 with 36 sxs Class B cement inside casing from 2776' to 2615' above tubing stub. POH to 2285'.
- Plug #3 with 53 sxs Class B cement inside casing from 2285' to 2000'.
- Plug #4 with 18 sxs Class B cement from 805' to 706' above retainer.
- Plug #5 with 27 sxs Class B cement from 325' to 171'. POH and LD tubing.
- Plug #6 with 32 sxs Class B cement from 50' to surface, circulated 1 bbl good cement out 7" x9-5/8" annulus.

Plugging Summary:

8-12-94 Safety Meeting. Drive rig to location. Repair road. Pressures: tubing and casing 500#; opened up, strong water flow, 3 bbls per minute. RU rig. Well still has strong water flow. Installed cementing valve to tubing and pumped 30 bbls water. Plug #1 with tubing at 6792' mix 150 sxs Class B cement and displace down 2-7/8" tubing to 5943' to cover Desert Creek perforations from 6792' to 6514'. Shut in well; WOC. SDFN.

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Tiffany Gas Company USG Sec. 18-38 990' FNL and 1650 FEL Sec. 30, T29N, R16W San Juan County, NM

PLUG AND ABANDONMENT REPORT

- 8-15-94 Safety Meeting. Pressures: tubing 10# and casing 500#. Open up well. Bleed casing down. ND wellhead and NU BOP. RU wireline unit and RIH with wireline. Tag cement at 5871' inside 2-7/8" tubing. RIH with 2-1/4" jet cutter; cut off tubing at 5831'. POH with wireline. ND wellhead. PU on tubing with 65,000#; found to be stuck. Pulled tubing to 15,000# over string weight; stretch calculates to be stuck at 4500'. Unable to work tubing free. Change in procedure approved by K. Schneider, BLM. RU wireline and RIH with 2-1/8" jet cutter; cut off tubing at 4180'. POH with wireline. PU on tubing and pulled up to 65,000#, would not come free. Pump 4 bbls water down tubing and pressure up to 1500#; attempt to work tubing free. Unable to work tubing free. Change in procedure approved by K. Schneider, BLM. RU wireline and RIH with 2-1/4" jet cutter; cut off tubing at 2783'. Attempt to POH with wireline; found stuck. Work wireline and finally parted line down hole. POH with wireline; lost rope socket, CCL, 5' sinker bar, double pin and cutter firing head. PU on tubing; found free. Change to 2-7/8" rams. POH with 86 jts 2-7/8" tubing and 15' cut off. RIH with 2-7/8" tubing to 2200'. Shut well in. SDFN.
- 8-16-94 Safety Meeting. Open up well, no pressure. Finish RIH with 2-7/8" tubing to 2776'. Load well with 106 bbls 9# mud and pressure test casing to 500#; held OK. Plug #2 with 36 sxs Class B cement inside casing from 2776' to 2615' above tubing stub. POH to 2285'. Plug #3 with 53 sxs Class B cement inside casing from 2285' to 2000'. POH with tubing. Intermediate casing pressure 10#, blow down. Perforate 2 squeeze holes at 856'. PU 7" cement retainer and RIH; set at 805'. Attempt to establish injection rate; pressured up to 1500#; unable to pump into squeeze holes at 856'. Procedure changed approved K. Schneider, BLM. Sting out of retainer and establish circulation out casing. Plug #4 with 18 sxs Class B cement from 805' to 706' above retainer. POH and LD setting tool. Perforate 2 squeeze holes at 275'. Attempt to establish injection rate, pressured up to 1000#. Procedure change approved by W. Townsend, BLM. Establish circulation down 7" x 9-5/8" casing annulus of 1/4 bpm at 500#. PU 10 jts 2-3/8" tubing and RIH to 325'. Plug #5 with 27 sxs Class B cement from 325' to 171'. POH and LD tubing. Perforate 2 squeeze holes at 50'. Plug #6 with 32 sxs Class B cement from 50' to surface, circulated 1 bbl good cement out 7" x9-5/8" annulus. Shut well in for 30 minutes. ND BOP. Cut through wellhead flange, unable to get 7" casing to release from tubing head. Couldn't pull casing out of sleeve. SDFN.

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Tiffany Gas Company USG Sec. 18-38 990' FNL and 1650 FEL Sec. 30, T29N, R16W

PLUG AND ABANDONMENT REPORT

San Juan County, NM

I-89-IND-58

8-17-94 Safety Meeting. Dig cellar deeper and cut wellhead off below casing head and then cut the 13-3/8", 9-5/8" and 7" casing strings. Had to chip cement in between 7" and 9-5/8" casing strings. Fill 13-3/8" annulus, cellar with 50 sxs cement and install dry hole marker in cement. RD rig and MOL.