

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.
14-20-603-5034
6. If Indian, Allottee or Tribe Name
NAVAJO
7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

- | | |
|--|--|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | 8. Well Name and No. NAVAJO TRIBAL "U" 4 |
| 2. Name of Operator ROBERT L. BAYLESS | 9. API Well No. 30-045-05784 |
| 3a. Address PO Box 168, Farmington, NM 87499 | 10. Field and Pool, or Exploratory Area TOCITO DOME PENN. "D" |
| 3b. Phone No. (include area code) (505) 326-2659 | 11. County or Parish, State San Juan, New Mexico |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 1980' FEL, SEC. 21, T26N, R18W | |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon |
| | <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, A Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

See Attached Report.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Tom McCarthy

Title

Engineer

Signature

Date

05/29/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operation thereon.

Office

OFFICE RECORD

Title 18 U.C.S. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JUN 08 2001

San Juan Office

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Robert L. Bayless

April 19, 2001

Navajo Tribal "U" 4

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660' FNL & 1980' FEL Section 21, T-26-N, R-18-W

San Juan County, NM

BIA Lease No. 14-20-603-5034

API No. 30-045-05784

Plug & Abandonment Report

Well Review:

The first problem we encountered with this well was that both the casing and tubing had a strong water flow. Then the tubing was found to be stuck. Additionally, the tubing was restricted at 3700', so normal sized tubing cutters would not go down. The first jet cut was made at 6150'. Then while attempting to work the tubing free, it parted at 3690' above a rod cut body split. Efforts to determine the freepoint had been hampered by this rod wear and body split. Next, a jet cut was attempted at 4400'. Then the fish was caught in an overshot but would not come free. So a third jet cut was again made at 4400'. The tubing was finally worked free and 6113' of 2-7/8" tubing was recovered.

The original plugging plan was for this well to have 6 inside plugs plus a surface in/outside plug. However, due to the casing leak in the DeChelly and its strong water flow, the BLM required 2 cement retainers and a lot more cement.

Cementing Summary:

Plug #1, #1b, and #1c with CIBP at 6133', spot 106 sxs cement inside casing from 6133' to 4735' to isolate the Lower Hermosa perforations and to cover the Baker Creek, Ismay and Hermosa tops.

Plug #1d with retainer at 4794', spot 12 sxs cement inside casing from 4794' to 4636' to cover Hermosa top.

Plug #2&3 with retainer at 3634', with mix 184 sxs cement, squeeze 129 sxs outside 4-1/2" casing from 4200' to 3755' and leave 55 sxs inside casing from 4230' to 3476' to cover Cutler and DeChelly top.

Plug #4 with 14 sxs cement inside casing from 2798' to 2613' to cover Chinle top.

Plug #5 with 14 sxs cement inside casing from 2043' to 1858' to cover Entrada and Todilto tops.

Plug #6 with 12 sxs cement inside casing from 1484' to 1326' to cover 8-5/8" casing shoe.

Plug #7 with 12 sxs cement inside casing from 758' to 600' to cover Dakota top.

Plug #8 with 52 sxs cement pumped down 4-1/2" casing from 143' to surface, circulate good cement out intermediate valve.

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600' FNL & 1980' FEL Section 21, T-26-N, R-18-W

San Juan County, NM

BIA Lease No. 14-20-603-5034, API No. 30-045-05784

Plug & Abandonment Report

Plugging Summary:

Notified BLM on 4/09/01

- 04-10** Road rig to location. Spot rig and equipment in. Too windy to rig up. SDFD.
- 04-11** Held Safety Meeting. RU rig and equipment. Pressures: casing and tubing 240#, intermediate and bradenhead 0#. Layout relief line to pit. Install pit liner. Blow well down. Clear water started flowing out casing and tubing. After 10 bbls water started flowing out casing, water turned to light drilling mud color. Clear water flowed out tubing for about 25 bbls then turned to light pink in color. Lay second relief line from casing to pit. ND wellhead. Unseat donut. Pull up to 75,000#, found tubing stuck. Remove donut. NU BOP and test. Attempt to work tubing free pulling up to 85,000#, no movement. RU A-Plus wireline truck and RIH with 2-1/8" gauge ring to 3700'. Unable to go deeper. RIH with 1-13/16" gauge ring to 5146, soft tag, unable to get deeper. RIH with freepoint tools and found tubing free at 3550'. Note tools yielding unusual readings from 3588' to 3682', showing partially stuck tubing and then tubing free at 3809'. TOH and inspect freepoint tools. Pump 5 bbls water down tubing to assure circulation. Mix 5 sxs light cement and pump down tubing. Pump 53.5 bbls to get cement back out casing. Determined hole in tubing to be at approximately 3900' to 4200'. Shut in well. SDFD.
- 04-12** Held Safety Meeting. Open up well and blow down 50# pressure on casing and tubing. Pump water down casing and try to work tubing free pulling up to 80,000#. Pump total of 50 bbls at 2 bpm at 300#. Work tubing, still stuck. RIH with freepoint tools to 3550'. Continued to get unusual reads from 3700' to 3800'. POH. RIH with 2-1/8" gauge ring and attempt to jar through tight spot at 3700'. Unable to get down. RIH with 2" super cutter. Could not get through tight spot at 3700'. POH. RIH with 1-13/16" super cutter to 6215'. PUH to 6150' and jet cut tubing at 6150'. Attempt to work tubing free pulling up to 80,000#, tubing parted but weighing light. TOH and LD 118 joints 2-7/8" buttress and 18' of 119th joint, total 3690'. Tubing parted at a body split caused by rod cut. Shut in well and SDFD.
- 04-13** Held Safety Meeting. Blow down 50# casing pressure. RU wireline and RIH with 1-13/16" super jet cutter, enter top of fish and cut tubing at 4400'. PU and TIH with 3-7/8" overshot, 2-7/8" grapple and 2-3/8" work tubing, caught fish. Attempt to work tubing free pulling up to 60,000#. RIH with 1-11/16" super cutter and cut tubing again at 4400'. PU on tubing and work free. TOH with 2-3/8" tubing, grapple and overshot. Change over for 2-7/8" tubing. TOH and LD 78 joints 2-7/8" buttress tubing and 12' piece, total 2423'. The 2-7/8" tubing parted at 6113', near where the first jet cut was made. Observed two tubing bulges at 4400' where the undersized super cutters were used. Shut in well. SDFD.

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600' FNL & 1980' FEL Section 21, T-26-N, R-18-W

San Juan County, NM

Plug & Abandonment Report

BIA Lease No. 14-20-603-5034, API No. 30-045-05784

Plugging Summary Continued:

- 04-16** Held Safety Meeting. Open up well and blow down 50# casing pressure. RU wireline and round-trip 3-7/8" gauge ring to 6133'. Set 4-1/2" PlugWell wireline CIBP at 6133'. Wait on water truck to drain pit. TIH with tubing and tag CIBP at 6133'. Pump 20 bbls fresh water to cool down hole and establish circulation. Plug #1, #1b, and #1c with CIBP at 6133', spot 106 sxs cement inside casing from 6133' to 4735' to isolate the Lower Hermosa perforations and to cover the Baker Creek, Ismay and Hermosa tops. PUH above cement. Reverse circulate well with 30 bbls water to clear the tubing, recovered 1 bbl gray water. Shut in well. SDFD.
- 04-17** Held Safety Meeting. Blow down 25# casing and tubing pressure. Well flowing water and drilling mud. TIH with tubing and cement at 5005', note the cement fell back below Hermosa top. TOH with tubing. R. Snow with BLM, required a CR due to casing flow. TIH and set 4-1/2" DHS retainer at 4794'. Pump 5 bbls water down the tubing. Sting into retainer and pump 1/2 bbl water, casing pressured up to 1200#; unable to pump below retainer. Sting out of retainer and pump 10 bbls water down tubing. Plug #1d with retainer at 4794', spot 12 sxs cement inside casing from 4794' to 4636' to cover Hermosa top. TOH with tubing. R. Snow with BLM, required CR due to casing flowing. Set a 4-1/2" PlugWell wireline cement retainer at 3634'. Casing water flow (1" stream) stopped. TIH and sting into retainer. SDFD.
- 04-18** Held Safety Meeting. Sting out of retainer at 3634'. Pressure test 4-1/2" casing above CR to 500# for 10 min, held OK. Sting into retainer. Establish rate 2 bpm at 600#. Combine Plug #2 and #3 with retainer at 3634', with mix 184 sxs cement, squeeze 129 sxs outside 4-1/2" casing from 4200' to 3755' and leave 55 sxs inside casing from 4230' to 3476' to cover Cutler and DeChelly top. PUH to 2798'. Plug #4 with 14 sxs cement inside casing from 2798' to 2613' to cover Chinle top. PUH to 2043'. Plug #5 with 14 sxs cement inside casing from 2043' to 1858' to cover Entrada and Todilto tops. PUH to 1484'. Plug #6 with 12 sxs cement inside casing from 1484' to 1326' to cover 8-5/8" casing shoe. PUH to 758'. Plug #7 with 12 sxs cement inside casing from 758' to 600' to cover Dakota top. TOH and LD tubing. Perforate 3 HSC squeeze holes at 143'. Establish circulation out intermediate valve with 3 bbls water at 2 bpm at 750#. Plug #8 with 52 sxs cement pumped down 4-1/2" casing from 143' to surface, circulate good cement out intermediate valve. Shut in well and WOC. RD rig and equipment; move off location. R. Snow, BLM, was on location. Davis Benallie, Navajo Nation, was on location 4-11 and 4-12.
- 04-25** Dig out wellhead and cut off. Install P&A marker with 14 sxs cement. Clean up location. Job Complete.