

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<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | 8. Well Name and No.<br>NAVAJO TRIBAL "U" 23                     |
| 2. Name of Operator<br>ROBERT L. BAYLESS   | 9. API Well No.<br>30-045-21468                                  |
| 3a. Address<br>PO Box 168, Farmington, NM 87499  | 10. Field and Pool, or Exploratory Area<br>TOCITO DOME PENN. "D" |
| 3b. Phone No. (include area code)<br>(505) 326-2659  | 11. County or Parish, State<br>San Juan, New Mexico              |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>745' FSL & 2130' FWL, SEC. 22, 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 recompleat 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 recompleat 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.



745' FSL & 2130' FWL

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

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

Sm... OFFICE

# **A - PLUS WELL SERVICE, INC.**

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

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Robert L. Bayless

April 30, 2001

## **Navajo Tribal "U" #23**

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745' FSL & 2130' FWL Section 22, T-26-N, R-13-W  
San Juan County, NM  
BIA Lease No. 14-20-603-5034  
API No. 30-045-21468

## **Plug & Abandonment Report**

### **Well-Review:**

First the pump barrel hung up and parted from the rods while they were being pulled. Then the tubing was found to be stuck. Then wireline gauge rings and swab tools found the pump barrel blocking the 2-7/8" tubing at 3045'. Then we successfully used the well's rods to knock down the pump barrel to the SN.

Freepoint tools would only go down to 3058', where the tubing was free but crimped. Then we changed over to 1" wireline tools and made it to 6288', which was probably the top of the pump barrel in the SN. Note that the casing was flowing a 1/4" stream of water from an casing leak at an unknown depth.

Then permission was obtained from the BLM to perforate the 2-7/8" tubing and set cement plugs. The first plug filled the perforations and the next four plugs covered formation tops (plugs #2, 3, 4 & 5). All of these plugs required WOC time due to the casing leak. Next, the tubing was jet cut at 3008' and plug #6 covered the tubing stub and a formation top. Finally, the tubing was pulled out of the hole while setting the last four plugs.

### **Cementing Summary:**

**Plug #1** with 140 sxs cement pumped down the 2-7/8" from 6270' to 6161' to fill Pennsylvanian perforations, displaced to 5600'.

**Plug #2** with 28 sxs cement pumped down the 2-7/8" tubing, squeezed into the 7" casing from 5596' to 5446' to cover the Ismay top.

**Plug #3&4** with 141 sxs cement pumped down the 2-7/8" tubing, squeezed into 7" casing from 4908' to 4109' to cover the Hermosa and Cutler tops.

**Plug #5** with 29 sxs cement pumped down the 2-7/8" tubing, then squeezed into the 7" casing from 3688' to 3506' to cover DeChelly top.

**Plug #6** with 66 sxs cement from 3008' to 2657' to cover tubing stub and Chinle top.

**Plug #7** with 42 sxs cement inside 7" casing from 2095' to 1877' to cover the Entrada and Todillo.

**Plug #8** with 34 sxs cement inside casing from 1595' to 1393' to cover 9-5/8" casing shoe.

**Plug #9** with 32 sxs cement inside casing from 784' to 618' to cover Dakota.

**Plug #10** with 48 sxs cement inside casing from 191' to surface, circulate good cement.

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## Navajo Tribal "U" #23

745' FSL & 2130' FWL Section 22, T-26-N, R-18-W

San Juan County, NM

BIA Lease No. 14-20-603-5034, API No. 30-045-21468

April 30, 2001

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## Plug & Abandonment Report

### Plugging Summary:

Notified BLM on 3/26/01

- 03-26** MO, RU. No well pressure. Load tubing with 25 bbls water. Pressure test tubing to 1000#, held OK. Unseat pump and LD 1 rod. Shut in well. SDFD.
- 03-27** Held safety meeting. No well pressure. TOH and LD 1-1/2" x 22' polish rod, 1-3/4" x 12' liner, 4' x 6' 1" pony rod, 75 - 1" rods, 86 - 7/8" rods, 72 - 3/4" rods, 16 - 1" rods and 2' x 3/4" pony rod. At approximately 3400' rods dragging then pulled plunger of pump. Did not recover pump barrel and standing valve. Stuck in tubing. ND wellhead. Unseat and remove donut. Attempt to unseat tubing anchor, could not turn pipe. NU BOP and test rams. Attempt to unseat tubing anchor. Work tubing and up and down between 40,000 and 50,000#. Release torque and stack tubing out. PU to 90,000#, no free travel, tubing stuck. Casing full of water. Pump 50 bbls water down tubing to attempt to circulate. Tubing on a strong vacuum. Attempt to pump down casing, pressured up to 600#. Stretch calculation indicates tubing stuck at 3500'. Shut in well. SDFD.
- 03-28** Held safety meeting. No well pressure. Attempt to work tubing free, still stuck. RU A-Plus wireline truck. RIH with 2-1/8" gauge ring to 3045', unable to go deeper, TOH. RIH with 1-11/16" sinker bars to 3062', unable to go deeper. May have pump barrel stuck in tubing. RU sandline with sinker bar and jars, 2-1/4" swab mandrel. RIH to 3045'. Attempt to knock pump barrel down. TOH and remove swab no go. RIH with sandline, sinker bar and jars and attempt to knock pump barrel down, got stuck; worked free. TOH with swab tools. RU for rods. PU 91 - 1" rods, 31 - 7/8" rods and RIH to 3060'. Knock pump barrel down hole. PU 4 more 7/8" rods to assure pump barrel went down. TOH and LD 10 - 7/8" rods. Shut in well. SDFD.
- 03-29** Held safety meeting JSA. No well pressure. TOH and LD 26 - 7/8" rods and 91 - 1" rods. Pump 39 bbls water down tubing, pressured up to 1000#. Pump barrel fell to SN after knocking it free. RU A-Plus wireline truck. RIH with 2-1/8" gauge ring to 3058', unable to get deeper. RIH with Freepoint tools and determine tubing free at 3058'. Unable to get deeper with tools. Re-head wireline for " tools. Round-trip 1-1/4" gauge ring to 6288'. S. Mason, BLM, approved procedure change. RIH with 3 7/8" bi-wire shots and attempt to perforate at 6270', misfire. Re-run to 6270' and perforate 3 bi-wire shots. Shut in well. SDFD.
- 03-30** Held safety meeting. Open well, casing flowing 1/4" stream of water. Pump 20 bbls water down tubing, went on strong vacuum. Pump 1/2 bbl water down casing. Pressure up to 1200# and lost pressure. Pump 3 more bbls down casing and casing went on a strong vacuum. Attempt to work tubing free, stuck. Tubing flowing water. S. Mason with BLM approved procedure change.

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745' FSL & 2130' FWL Section 22, T-26-N, R-18-W

San Juan County, NM

## Plug & Abandonment Report

BIA Lease No. 14-20-603-5034, API No. 30-045-21468

### Plugging Summary Continued:

- 03-30: Continued:** Plug #1 with 140 sxs cement pumped down the 2-7/8" from 6270' to 6161' to fill Pennsylvanian perforations, displaced to 5600'. Shut in well. WOC. RU A-Plus wireline truck and tag cement at 6185'. S. Mason, 3LM, approved TOC. Load tubing with 28 bbls water and pressure test to 750#, held OK. Perforate 2 bi-wire shots at 5596'. Pump 20 bbls water down tubing, casing dead. Plug #2 with 28 sxs cement pumped down the 2-7/8" tubing, squeezed into the 7" casing from 5596' to 5446' to cover the Ismay top. Shut in well. SDFD.
- 04-02** Held safety meeting. RU wireline and tag cement at 5600'. Pump 3 bbls water down tubing. Pressured up to 1200#, held OK. Perforate 2 bi-wire shots at 5590'. Pump 2 bbls water down tubing and pressured up to 1000#. S. Mason, BLM, approved TOC. Perforate 2 bi-wire shots at 4908'. Pump 3 bbls water down tubing and establish circulation out casing. Shut in casing valve. Pressure test casing to 500#, bleed down to 300# in 10 min. Combine Plug #3 & #4 with 141 sxs cement pumped down the 2-7/8" tubing, squeezed into 7" casing from 4908' to 4109' to cover the Hermosa and Cutler tops. Shut in well and WOC. Pump 2 bbls water down bradenhead and pressure test to 300#, held OK. TIH with wireline and tag cement at 3840'. Perforate 2 bi-wire shots at 3688'. Pump 2 bbls water down tubing and establish circulation out casing. Plug #5 with 29 sxs cement pumped down the 2-7/8" tubing, then squeezed into the 7" casing from 3688' to 3506' to cover DeChelly top. Shut in well. SDFD.
- 04-03** Held safety meeting. RU wireline truck and RIH to tag cement at 3310'. RIH with 2-1/8" jet cutter to 3008' and cut tubing. PU on tubing, free. Load casing with 2 bbls water. Pressure test casing to 500#, bled down to 300# in 10 min. Plug #6 with 66 sxs cement from 3008' to 2657' to cover tubing stub and Chinle top. TOH and LD 1 joint 2-7/8" EUE, 10 joints 2-7/8" buttress then TOH with 20 more joints. Shut in well and WOC. TIH with tubing and tag cement at 2699'. Load casing with 5 bbls water. Shut in casing valve. Pressure test casing to 500# for 10 min, held OK. PUH to 2095'. Plug #7 with 42 sxs cement inside 7" casing from 2095' to 1877' to cover the Entrada and Todilto tops. PUH to 1595'. Plug #8 with 34 sxs cement inside casing from 1595' to 1393' to cover 9-5/8" casing shoe. PUH to 784'. Plug #9 with 32 sxs cement inside casing from 784' to 618' to cover Dakota. PJH to 191'. Plug #10 with 48 sxs cement inside casing from 191' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well. SDFD.
- 04-04** Held safety meeting. Open up well. ND BOP. RD and MOL. M. Keckman with BLM, was on location 3-30. R. Snow with BLM, was on location 4-2, 4-3. W. Ashley with Navajo Nation, was on location 3-29, 3-30.
- 04-24** Dig out wellhead and cut off. Install P&A marker with 12 sxs cement. Clean up location. Job Complete.