

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

RECEIVED

FEB 03 2010

Bureau of Land Management

Farmington Field Office

1. Type of Well
Gas

2. Name of Operator
NTUA

3. Address & Phone No. of Operator
P. O. Box 170, Ft. Defiance, AZ 86504

Location of Well, Footage, Sec., T, R, M

NW, Section 20, T-27-N, R-17-W, 660' FNL & 1980' FWL
Unit Ltr. 000

5. Lease Number
14-20-0603-927

6. If Indian, All. or
Tribe Name
Navajo

7. Unit Agreement Name

8. Well Name & Number

~~Bonded 34-10-#6~~ #1

9. API Well No. *Navajo Tract 4*
30-045-06436

10. Field and Pool
Wildcat Mississippian,
Unders. Paradox

11. County & State
San Juan County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☐ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Recompletion

☐ New Construction

☒ Subsequent Report

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

NTUA plugged and abandoned this well on January 5, 2010 per the attached report.

RCVD FEB 8 '10

OIL CONS. DIV.

DIST. 3

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

Signed *William F. Clark* Title President, A-Plus Well Service, Contractor Date 1/31/10
William F. Clark

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date FEB 03 2010

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE

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

NMOCD *to*

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

NTUA

January 12, 2010

Navajo Tract 4 #1

Page 1 of 3

660' FNL & 1980' FWL, Section 20, T-27-N, R-17-W

San Juan Country, NM

Lease Number: 14-20-0603-927

API #30-045-06436

Plug and Abandonment Report

Notified BLM on 12/15/09

- 12/16/09 MOL. Dig out wellhead. Unable to operate the casing valves. Tubing master valve has 2750 PSI. Install steel relief lines to waste pit. Slowly open the master valve to bleed down tubing. After 2-1/2 hours, pressure 900 PSI. Well made approximately 40 bbls of water with light skim of oil. Shut in well. SDFD.
- 12/17/09 Check well pressures: tubing 2100 PSI, casing – unknown – valves corroded. Blow the tubing to the steel pit. Dig out bradenhead valve. Found the BH to have 440 PSI. Open the BH valve to the steel pit; gas puff then the bradenhead started flowing 1" water flow to pit. RU rig. After 3 hours the tubing pressure dropped to 180 PSI. Shut in and the tubing pressured increased to 1000 PSI. Then the bradenhead began flowing drilling mud in a 2" stream. Connect pump line to the tubing and pump 50 bbls of fresh water down tubing 2 bpm at 600 PSI. Shut in tubing and the pressure stayed at 0 PSI for an hour. Remove the adjustable choke from the casing outlet and install a new 3000 PSI ball valve. Casing has 2100 PSI. Lay a steel relief line from the to casing to a flow back tank. Shut in well. SDFD.
- 12/18/09 Check pressures: casing 2000 PSI, tubing 1500 PSI; bradenhead valve frozen. Blow casing down to flow back tank. Tubing bled down to 1200 PSI. Open tubing and casing to flow back tank. Issue Hot Work Permit. Thaw out bradenhead valve. Bradenhead pressure 250 PSI. Blow down to steel pit. Bradenhead has flowed 100 bbls 9.0# drilling mud to pit. Begin pumping mud back down tubing 2 bpm at 500 PSI. Pressure dropped to 0 PSI after 35 bbls of mud. Continue to pump additional 35 bbls of mud. RIH with 1.80" gauge ring and found packer at 7312'. V. Ventillie, BLM representative, approved procedure change. Pump 120 bbls of 9.5# mud down tubing; noticed communication between tubing and casing. Pump 20 bbls of fresh water and monitor flow back returns. SI well. RIH with 1-11/16" bi-wire and perforate 4 squeeze holes at 7145'. Shut in well. SDFD.
- 12/21/09 Check pressures: tubing and casing on vacuum; bradenhead less than 5 PSI. ND wellhead. NU and test BOP. PU on tubing; work free. TOH and tally total 236 joints, 2.375" tubing, sliding sleeve, SN and permanent packer stinger. Round trip 4.5" gauge ring to 7050'. RIH and set 4.5" wireline cement retainer at 7030'. RIH with tubing and tag cement retainer at 7030'. Sting out of CR. Establish circulation down tubing and out casing valve with 13 bbls of water. Circulate well clean with additional 106 bbls of water. SI well and pressure test casing to 800 PSI for 5 minutes. SI well. SDFD.

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Plug and Abandonment Report Continued:

12/22/09 Check pressures: tubing and casing 0 PSI; bradenhead 140 PSI. Sting into CR and establish rate into squeeze holes 1.5 bpm at 500 PSI.

Plug #1 with CR at 7030', mix 84 sxs Class B cement (99.12 cf), squeeze 50 sxs below CR to fill Paradox perforations; sting out of CR and spot 34 sxs above up to 6582' to cover the Paradox top.

PUH to 5824'.

Plug #2 with 12 sxs Class B cement (14.16 cf) inside casing from 5824' up to 5666' to cover the Hermosa top.

TOH with tubing. Perforate 3 squeeze holes at 5110'. Attempt to establish injection rate, pressured up to 800 PSI; no loss. BLM required to perforate 3 squeeze holes at 5070'. Unable to establish injection rate. V. Ventillie, BLM representative, approved procedure change for following plug. TIH to 5172'.

Plug #3 with 16 sxs Class B cement (18.88 cf) inside casing from 5172' to 4962' to cover the 7" casing shoe.

TOH with tubing. Shut in well. SDFD.

12/28/09 Check pressures: casing 0 PSI; bradenhead 120 PSI. Load casing with 3.5 bbls of water. Blow bradenhead down to pit. RIH with wireline and tag cement at 4801'.

Perforate 3 squeeze holes at 4290'. Establish injection rate 2.5 bpm at less than 50 PSI. TIH and set 4.5" DHS cement retainer at 4240'. Sting out of CR and establish circulation. Sting into CR and establish injection rate into squeeze holes 1 bpm at 300 PSI.

Plug #4 with CR at 4240', mix 30 sxs Class B cement (35.4 cf), squeeze 22 sxs below CR and out 4.5" casing from 4290' to 4135' and leave 8 sxs above CR to 4135' to cover the DeChelly top.

TOH with tubing. Perforate 3 squeeze holes at 3450'. Establish injection rate ½ bpm at 500 PSI. TIH with 4.5" DHS cement retainer and set at 3404'. Sting out of CR.

Plug #5 with CR at 3404', mix and pump 100 sxs Class B cement (118 cf), squeeze 92 sxs below CR and outside 4.5" casing from 3450' to 3298' and leave 8 sxs above CR to 3298' to cover the Chinle top.

TOH with tubing. SI well. SDFD.

12/29/09 Check pressures: casing 0 PSI; bradenhead 145 PSI. Perforate 3 squeeze holes at 1548'. Note: bradenhead and casing communicating to surface at 145 PSI. TIH with 4.5" PlugWell wireline cement retainer; set at 1492'. Sting into retainer and confirm injection rate.

Plug #6 with CR at 1492', mix 145 sxs Class B cement (171.1 cf), squeeze 137 sxs below CR and out 4.5" casing from 1548' to 1391' and leave 8 sxs above CR to 1391' to cover the Dakota top.

TOH and LD tubing. SI well. SDFD.

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Plug and Abandonment Report Continued:

12/30/09 Check well pressures: casing 0 PSI; bradenhead 310 PSI. Note: bradenhead was SI while pumping Plug #6. Bleed off bradenhead PSI and monitor for 10 minutes. PSI at 215# with 1/2" to 3/4" water stream. J. Lovato, BLM, approved procedure change. Perforate 3 squeeze holes at 827'. Establish circulate down casing and out bradenhead with 3 bbls of water. PU 4.5" DHS cement retainer and RIH; set at 724'. Sting out of CR. Establish rate down tubing and out casing. Sting into CR and establish rate out bradenhead.

Plug #7 with CR at 724', mix and pump 62 sxs Class B cement (73.16 cf), with 2% CaCl₂, squeeze 58 sxs below CR and outside 4.5" casing from 827' to 727' to cover 9.625" casing shoe and leave 4 sxs above CR to cover casing shoe top. TOH and LD tubing. SI well and WOC. Bradenhead pressure 300 PSI. Bleed down BH; still has water flow. Check pressure again at 210 PSI. Advised J. Lovato, BLM, of water flow. SI well and WOO. SDFD.

1/04/10 Check well pressures: casing 0 PSI; bradenhead 140 PSI. RIH and tag cement at 667' with wireline. Open up well and blow down bradenhead. Water flow stopped after 15 minutes. SI well. Open up well after 2 minutes. Slight gas puff; no water. SI bradenhead for 5 minutes and pressured up to 20 PSI; no water. WOO. S. Mason, BLM, approved procedure change. Perforate 3 squeeze holes at 655'. Establish circulation out bradenhead with 1.5 bbls of water.

Plug #8 mix and pump 250 sxs Class B cement (295 cf), with 2% CaCl₂, down 4.5" casing from 655' to surface, circulate good cement out bradenhead. SI bradenhead. Clean out BOP. Hesitate squeeze cement holding 1000 PSI with 1/2 bbl of water fresh water in intervals building up to 30 minutes. Final SI 1000 PSI. SI well. SDFD.

1/05/10 Open up well; no pressure or water. Found cement down 15' in bradenhead. ND BOP. Dig out cellar. Issue Hot Work Permit. Cut off wellhead. Cement at surface in casing. Set P&A marker with 10 sxs cement. RD and MOL.

V. Vintellie, C. Joe, BLM representatives, were on location.

J. Watchman, NTUA representative, was on location.