

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 16 2009

FORM APPROVED
Budget Bureau No. 1004-0135

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir in an existing well. Use APPLICATION TO DRILL for permit for such proposals

5. Lease Designation and Serial No.
SF-078769

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
ROSA UNIT

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐

8. Well Name and No.
ROSA UNIT #94

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-23035

3. Address and Telephone No.
PO BOX 3102 MS 25-4, TULSA, OK 74101 (918) 573-3046

10. Field and Pool, or Exploratory Area
BLANCO MV

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1650' FSL, 1820' FWL, SEC 16, T31N, R5W

11. County or Parish, State
RIO ARRIBA, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

☒ Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

☒ Other P&A 10-31-09

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

(Note: Report results of multiple completion on Well 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.)*

RCVD NOV 17 '09

OIL CONS. DIV.
DIST. 3

Please see attached for work completed:

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

Signed

Rachel Lippert
Rachel Lippert

Title Engineering Technician II

Date November 12, 2009

(This space for Federal or State office use)

Approved by

Title

Date

NOV 16 2009

Conditions of approval, if any:

PARMINGTON FIELD OFFICE

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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

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A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

Williams Production Company
Rosa Unit #94

November 6, 2009

Page 1 of 3

1650' FSL & 1820' FWL, Section 16, T-31-N, R-5-W
Rio Arriba Country, NM
Lease Number: SF-078769
API#30-039-23035

Plug and Abandonment Report

Plugging Summary:

Notified BLM on 10/19/09

10/20/09 MOL and RU. SDFD.

10/21/09 Unable to get to location due to heavy rains. SDFD.

10/22/09 Check well pressures: casing and tubing, 260 PSI; bradenhead, 0 PSI. Casing and tubing blew down in less than 30 seconds. Well kicked off water and possibly corrosion inhibitor. ND wellhead; found flange bolts rusted. Loosen hold down pins and reset. Remove wellhead and install lift sub with valve. SI tubing. Loosen hold down pins and attempt to unseat donut. Pull up to 80,000#; rig matting failed. Strip on BOP and SI well. Reset hold down pins. RD rig. Install oak matting. RU rig. Back off hold down pins. Pull 100,000# on donut; no movement. Continue to attempt to work donut free; stuck. SI well. SDFD.

10/23/09 Check well pressures: tubing, 50 PSI; casing, 0 PSI. Open tubing to pit; flowing water. ND BOP. Install valve in tubing hanger. SI tubing. RU sub in "A" bonnet with 6" nipple on bottom. PU pulling 45,000 # on donut while WSI jacked donut out of wellhead. Remove donut. Strip on and NU BOP; test. Attempt to work stuck packer free pulling up to 70,000#. RIH with 2.25" gauge ring to 45'; unable to go deeper. RIH with 1.688" gauge ring to 350'; stuck. Pulled out of rope socket while attempting to free gauge ring. Work packer free turning to the right while pulling up to 80,000#. Packer dragging up hole. TOH and LD 32 joints 2.875" 6.5# EUE tubing. Installed swedge in each joint and cleared floor on each connection breaking. No wireline tools recovered. SI well. SDFD.

10/26/09 Check well pressures: casing, 60 PSI; tubing, 100 PSI. Open casing; flowing soft surges. Open tubing; gas blowing water, black with odor. Connect pump line to tubing and attempt to pump down tubing. Pressured up to 1200 PSI. Bleed down. Open tubing. TOH with 2.875" tubing; wet string. Flowing blackish water. Pull 35 joints and LD packer. Tubing stopped surging. Continue to TOH with tubing. Found F Nipple at 171' and Guiberson packer at 172 joints. RIH with 4.5" gauge ring to 4980'; unable to go deeper. PUH above top of liner to let junk fall through. RIH again to 4937'; unable to get deeper due to trash from packer. POH with gauge ring and junk basket; no trash in basket. PU 3.875" bit with 4.5" scraper, sting float with 1 joint tubing, F Nipple and TIH with tubing. Push trash below CR setting depth to 5285'. SI well. SDFD. Note: Jim Lovato, BLM representative, requested 9.5 ppg kill fluid.

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Plugging Summary – Continued:

- 10/27/09 Check well pressures: casing, 50 PSI; tubing and bradenhead 0 PSI. Open casing to pit; soft surges of blackish water. TOH with tubing and LD casing scraper. Oscar Torres, BLM representative, approved procedure change. RIH and set 4.5" PlugWell wireline set CIBP at 5280'. Circulate well clean with 150 bbls water. Pressure test casing to 900 PSI for 10 minutes.
Plug #1 with CIBP at 5280', spot 20 sxs Class B cement (23.6 cf) inside the 4.5" casing above CIBP up to 5016' to isolate the Mesaverde perforations.
PUH to 5000'. Circulate 4.5" and 7" casing with 150 bbls 20% KCl (9.4 ppg) water to over pressure the Mesaverde charged zone from water injections. TOH with 10 joints tubing. SI well. SDFD.
- 10/28/09 Check well pressures: tubing and casing, 20 PSI; bradenhead 0, PSI. TIH and tag top of CIBP at 5280'. No cement. Load hole and establish circulation down tubing and out casing with 1 bbl KCl water. SI casing. Pressure test casing to 900 PSI.
Plug #1b with CIBP at 5280', spot 20 sxs Class B cement (23.6 cf) inside the 4.5" casing from 5280' up to 5016' to isolate the Mesaverde perforations. Displace with 2.5 bbls fresh water and 26 bbls KCl water. PUH with tubing. SI well and WOC. SDFD.
- 10/29/09 Open up well; no pressure. TIH and tag cement at 4968'. PUH to 4156'. Establish circulation down tubing and out casing with 4.5 bbls of 20% KCl water.
Plug #2 mix and pump 12 sxs Class B cement (14.16 cf) inside casing from 4156' to 3998' to cover the Chacra top. Displace with 2 bbls of fresh water and 20.5 bbls of 20% KCl. PUH to 3655'. Oscar Torres, BLM representative, advised that Jim Lovato, BLM engineer, requested tags on each plug due to KCl. SI well and WOC. TIH and tag cement at 3991'. PUH to 3655'.
Plug #3 spot 36 sxs Class B cement (42.48 cf) inside the casing from 3655' up to 3316' to cover the 7" casing shoe and 4.5" liner top. Displace with 2.5 bbls fresh water and 16.5 bbls 20% KCl water. PUH. Pump 2 bbls 20% KCl water to clear tubing. SI well and WOC. SDFD.
- 10/30/09 Open up well; no pressure. TIH and tag cement at 3300'. PUH to 3134'.
Plug #4 spot 73 sxs Class B cement (86.14 cf) inside the casing from 3134' up to 2761' to cover the Pictured Cliffs and Fruitland tops. Displace with 1 bbl fresh water and 14.5 bbls 20% KCl. TOH with tubing and WOC. TIH with tubing and tag cement at 2720'. PUH to 2552'. Establish circulation down tubing and out casing with 1-1/2 bbls 20% KCl water. Load hole with 3 bbls fresh water.
Plug #5 spot 56 sxs Class B cement (66.08 cf) with 2% CaCl₂ inside the casing from 2552' up to 2267' to cover the Kirtland and Ojo Alamo tops. Displace with 2.5 bbls fresh water and 10 bbls 20% KCl.
Round trip 7" casing scraper to 1230'. RIH with wireline and tag cement at 2270'. Perforate 3 squeeze holes at 1247'. Load casing with 8 bbls 20% KCl water. Attempt to establish injection rate; pressured up to 900 PSI. Wayne Townsend, BLM representative, requested perforation at 1197'. Perforate 3 squeeze holes at 1197'. Attempt to establish injection rate; pressured up to 900#. Oscar Torres, BLM representative, approved procedure change.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Plugging Summary – Continued:

10/30/09 **Plug #6** mix and pump 44 sxs Class B cement (51.92 cf) from 1318' to 1097' to cover the HSC squeeze holes and Nacimiento top. Displace with 1.5 bbls of water fresh and 4.5 bbls of 20% KCl water.
TOH and LD tubing. SI well. SDFD.

10/31/09 Open up well, no pressure. Pump 3.5 bbls 20% KCl water down bradenhead. Pressured up to 250 PSI and bled down in less than 10 seconds. RIH and tag cement at 1100'. Perforate 3 squeeze holes at 284'. Establish circulation down casing and out bradenhead with 4.5 bbls of 20% KCl water. Pump 2 more bbls KCl and 2 bbls of fresh water.

Plug #7 mix and pump 130 sxs Class B cement (153.4 cf) down 7" casing from 284' to surface, circulate good cement returns out casing and bradenhead valve.

Dig out wellhead. ND BOP. Found cement at surface in annulus and down 15' in casing. Issue Hot Work Permit. Cut off wellhead. Mix 20 sxs Class B cement and install P&A marker. RD. MOL.

Oscar Torres, BLM representative, was on location.