

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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. Use "APPLICATION TO DRILL" for permit for such proposals

5. Lease Designation and Serial No.

SF-078763

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 #53

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-20293

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

10. Field and Pool, or Exploratory Area
BASIN DAKOTA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1120' FNL, 2100' FEL, SEC 8, 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

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.)*

Please see attached for P&A Procedure:

RCVD NOV 9 '09
OIL CONS. DIV.
DIST. 3

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

Signed Rachel Lipperd Title Engineering Technician II Date October 30, 2009

(This space for Federal or State office use)

Approved by Original Signed: Stephen Mason Title _____ Date NOV 02 2009

Conditions of approval, if any.

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.

NMOCB 18

PLUG AND ABANDONMENT PROCEDURE

April 2, 2009

Rosa Unit #53

Basin Dakota

1120' FNL and 2100' FEL, Section 8, T31N, R5W
Rio Arriba County, New Mexico / API 30-039-20293

Lat: N _____ / Long: W _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.8 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes _____, No X, Unknown _____.
Tubing: Yes X, No _____, Unknown _____, Size 2.375", Length 7995', 7800' or 7794'.
Packer: Yes X, No _____, Unknown _____, Type Baker 24-SA-30 Ret PSA.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Dakota perforations and top, 7850' – 7750')**: RIH and set a CR at 7850'. Pressure test tubing to 1000 PSI. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs. Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Dakota interval. PUH.
5. **Plug #2 (Gallup top, ⁶⁸⁵⁶6838' – ⁶⁷⁵⁶6838')**: Mix 12 sxs Class B cement and spot a plug inside the casing to cover the Gallup top. PUH.
6. **Plug #3 (Mesaverde top, ⁴⁶5458' - ⁴⁶5358')**: Mix 12 sxs Class B cement and spot a plug inside the casing to cover the Mesaverde top. PUH.
→ **Chacra plug 4234' – 4134'**
7. **Plug #4 (7.625" casing shoe, 3799' - 3699')**: Mix 12 sxs Class B cement and spot a plug inside the casing to cover the 7.625" casing shoe. PUH.
Paved CHHs / Fritland / 3212' 2400'
8. **Plug #5 (Kirtland and Ojo Alamo tops, ~~3192~~3192' – 2348')**: Mix 68 sxs Class B cement and spot a plug inside the casing to cover through the Ojo Alamo top. TOH with tubing.
9. **Plug #6 (Nacimiento top, ¹²⁸²1256' – ¹¹⁸²1256')**: Perforate 3 HSC squeeze holes at ¹²⁸²1256'. If the casing tested, then attempt to establish rate into the squeeze holes. Set a 4.5" cement retainer at 1206'. Establish rate below CR. Mix and pump 32 sxs Class B cement, squeeze 20 sxs outside the casing and leave 12 sxs inside the casing to cover the Nacimiento top. TOH and LD tubing.

10. **Plug #7 (10.75" casing shoe, 357' – 0')**: Perforate 3 HSC squeeze holes through 4.5" casing at 357'. Establish circulation to surface out the bradenhead valve, circulate the BH annulus clean. Mix approximately 80 sxs Class B cement and pump down the 4.5" casing and circulate good cement to the surface. Shut in well and WOC.
11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

A-PLUS WELL SERVICE, INC.

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

April 2, 2009

Williams Production Company

P.O.Box 3102, MS 37-2
Tulsa, OK 74101
Attn: Justin Stolworthy

Re: Cost Estimate -

Rosa Unit #53
NE, Section 8, T31N, R5W
Rio Arriba County, NM

Dakota Well

Gentlemen:

A-Plus Well Service is pleased to provide you with this estimate to plug and abandon the referenced well. We have evaluated the attached plugging procedure and **A-Plus** agrees to provide:

- a steel pit waste fluid containment,
- a double drum pulling unit with crew (40 rig hours),
- crew travel (8 hours travel and 400 miles),
- cement services (cementer 4 days and 400 miles)
- 248 sxs cement,
- two 4.5" cement retainer,
- perforations (twice),
- storage tank and water,
- wellhead removal,
- and an installed P&A marker

necessary for the plugging of this well.

It is our understanding that **Williams** would provide: the rig anchors, and waste fluid disposal.

A-Plus estimates the cost to plug the referenced well at **\$33,158.00 plus tax**. If needed, additional Class B cement is \$13.50 per sack and a 4.5" cement retainer is \$1120.00.

Please review this proposal and advise us of any questions you may have. This cost estimate is based on the information that you have provided and the planned plugging procedure. In the event the planned procedure is modified or deviated from, then any additional work or services provided by A-Plus will be paid for by the operator in accordance with A-Plus' current price schedule.

We look forward to the opportunity to work for you.

Sincerely,

Bill Clark

TD 8141'
PBTD 8109'

Rosa Unit #53

Current

Basin Dakota

1120' FNL & 2100' FEL, Section 8, T-31-N, R-5-W
Rio Arriba County, NM / API #30-039-20293

Lat: _____ / Long: _____

Today's Date: April 2, 2009

Spud: 1/6/70

Comp: 3/13/70

Elevation: 6366' GI
6380' KB

13.75" Hole

10.75", 40.5#, Casing set @ 307'
300 sxs cement, circulated to surface,

Nacimiento @ 1206' *est

7.625" TOC @ 1800' (Calc, 75%)

Ojo Alamo @ 2396' *est

Kirtland @ 2546' *est

Fruitland @ 2906' *est

2.375" tubing at unknown depth.
Records indicated 7995', 7800', or 7794'.

Pictured Cliffs @ 3142'

9.875" Hole

7.625" 26.4#, Casing @ 3749'
Cemented with 750 sxs
(Circulated to surface)

Mesaverde @ 5408' *est

DV Tool @ 6195'
Cemented with 375 sxs (705 cf)
TOC at DV Tool (Calc, 75%)

Gallup @ 6888' *est

Baker 24-SA-30 Ret PSA Packer at
7794'. Original drawing shows 7994',
so may have a possible reporting error.

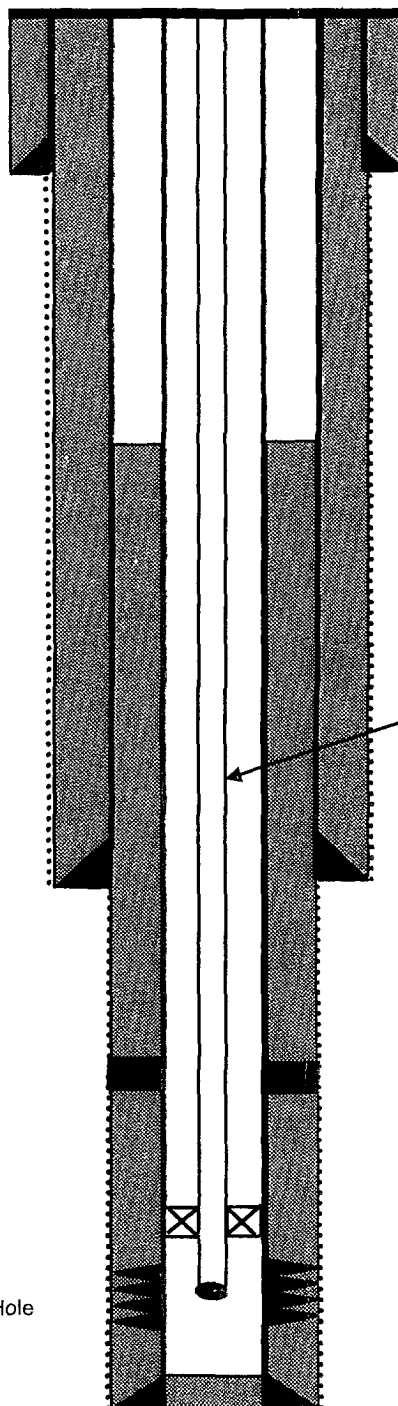
Dakota @ 7900'

6.75" Hole

Dakota Perforations:
7900' - 8090'

4.5" 11.6# K-55 Casing @ 8141'
Cemented with 350 sxs

TD 8141'
PBD 8109'



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 53 Rosa Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Gallup plug from 6856' – 6756'.
 - b) Place the Mesaverde plug from 5446' – 5346'
 - c) Place a cement plug from 4234' – 4134' to cover the Chacra top.
 - d) Place the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 3212' – 2400'.
 - e) Place the Nacimiento plug from 1282' – 1182' inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.