

RECEIVED

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 08 2010

FORM APPROVED
Budget Bureau No. 1004-0135

Bureau of Land Management
Farmington Field Office

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

SUBMIT IN TRIPLICATE

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

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1120' FNL, 2100' FEL, SEC 8, T31N, R5W

5. Lease Designation and Serial No.
SF-078763

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #53

9. API Well No.
30-039-20293

10. Field and Pool, or Exploratory Area
BASIN DAKOTA

11. County or Parish, State
RIO ARRIBA, NM

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

TYPE OF SUBMISSION

Notice of Intent
☒ Subsequent Report
Final Abandonment

TYPE OF ACTION

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.)*

RCVD FEB 12 '10
OIL CONS. DIV.
DIST. 3

Please see attached for P&A Work Completed:

12/7/09

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

Signed

Rachel Lippert
Rachel Lippert

Title Engineering Technician II

Date February 5, 2010

(This space for Federal or State office use)

Approved by

Title

Date

FEB 09 2010

Conditions of approval, if any:

NMOCDF

FARMINGTON 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.

A-PLUS WELL SERVICE, INC.

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

Williams Production Company

December 10, 2009

Rosa Unit #53

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1120' FNL & 2100' FEL, Section 8, T-31-N, R-5-W
Rio Arriba Country, NM
Lease Number: SF-078763
API#30-039-20293

Plug and Abandonment Report

Plugging Summary:

Notified BLM 11/23/09

11/20/09 MOL. SDFD.

11/23/09 RU rig and equipment. Check well pressures: 4.5" casing and tubing, 700 PSI and 7.625" IM casing 600 PSI. Bradenhead 0 PSI. Blow down 4.5" casing and tubing; 7.625" IM casing did not blow down. NU 2" ball valves on bradenhead and 7.625" IM. Blow well down to 0 PSI. Found lock down pins and nuts rusted on wellhead. Release lock down pins. Change out studs and nuts. Pump 40 bbls of water down tubing to kill well. ND wellhead. PU on tubing pulling 20,000# to free tubing hanger. Found tubing weight 2000 #. Set hanger down and RIH with 2 lock down pins. Strip on BOP over 2-3/8" sub and NU. Function test BOP. Back pins out. PU on tubing and LD sub with hanger. TOH, tally and LD 32 joints tubing with 3 subs. Tubing has heavy scale and thin walls. Found hole in 31st joint of tubing and found it parted at 32nd joint. POH with 30' piece of tubing. Tubing corroded. SI well. SDFD.

11/24/09 Open up well and blow down 10PSI on 4.5" and 7.625" casings. Wait on good tubing. PU Knights overshot and RIH. Tag fish and work overshot onto tubing. Latch onto fish and Pull up to 30,000#. RU A-Plus Wireline. RIH with 1.812 gauge ring to 7494' and work down to 7508'; POH. RIH with 1-3/8" collar location and 1.5" bar to 8130'. Found packer at 7794' to 7797'. POH. RIH with 1.812 GR again, unable to get past 7511'. POH. RIH with 1.687" jet cutter to 7508'. POH. Add more bars to tool and RIH iwht 1.812" GR; tag tight spot at 7508'. Work through and hit tight spot at 7760'. Pump water down tubing and work tolls to 7765'. POH. SI well. Note: Steve Mason, BLM, approved to cut tubing at either 7790' or 7760'. SDFD.

11/25/09 Open up well and blow down 10PSI on 4.5" and 7.625" casings. RIH with 1.687" jet cutter; wireline truck broke down. POH. RU another A-Plus Wireline truck. RIH with 1.687" jet cutter to top of packer at 7794'. PUH to 7790'. Jet cut tubing. Attempt to PUH with wireline when hydraulic line broke. Repair line. Attempt to POH; wireline tools were stuck. POH of rope socket. POH and RD wireline truck. Work tubing free. Stand back 16 stands. LD overshot and 10 joints tubing. Tubing had 2" to .5"holes. Left cable head, collar locator, contact bar, double pin sub and firing head in well. SDFD.

11/30/09 Open up well; no pressures. Continue to TOH with tubing. Total tally 255 joints 2.375" tubing, F Nipple and 1 27' piece of tubing. TIH with 4.5" casing scraper to 5287'. SI well. SDFD.

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Plugging Summary – Continued:

- 12/01/09 Open up well; no pressures. Continue to TIH and tag at 7765'. LD 1 joint tubing and stand back 124 stands. LD 1 joint tubing and 4.5" casing scraper. PU 4.5" DHS cement retainer and RIH; set at 7754'. Pressure test tubing to 1000 PSI for 5 minutes. Circulate well clean with 100 bbls of water. Attempt to pressure test casing to 800 PSI; bled down to 600 PSI in 10 minutes. Attempt to pressure test casing to 600 PSI; bled down to 400 PSI in 8 minutes. Sting into CR and establish rate 1 bpm at 400 PSI. **Plug #1** with CR at 7754', mix 53_sxs Class B cement (62.54 cf), squeeze 27_sxs below CR to isolate Dakota interval and fish and leave 36_sxs above CR to 7267'. PUH and reverse circulate tubing clean with 50 bbls of water. SI well. SDFD.
- 12/02/09 Open up well; no pressures. TIH and tag cement at 7317'. PUH to 6879'. Attempt to pressure test casing to 750 PSI; bled down to 200 PSI in 10 minutes. **Plug #2** mix and pump 13_sxs Class B cement (15.34 cf) with 2% CaCl₂ inside casing from 6879' to 6703' to cover the Gallup top. PUH and WOC. TIH and tag cement at 6685'. PUH to 5446'. **Plug #3** spot 13_sxs Class B cement (15.34 cf) inside the casing from 5446' to 5284' to cover the Mesaverde top. PUH and WOC. SI well. SDFD.
- 12/03/09 Open up well; no pressure. TIH and tag cement at 5295'. PUH to 4261'. Pressure test casing to 650 PSI for 10 minutes. Mike Gilbreath, BLM, approved procedure change. **Plug #4 & #5** spot 46_sxs Class B cement (54.28 cf) inside the casing from 4261' up to 3699' to cover the Chacra top and 7.625" casing shoe. PUH to 3212'. **Plug #5** spot 64_sxs Class B cement (75.52 cf) inside casing from 3212' to 2346' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing and LD plugging sub. SI well. SDFD.
- 12/04/09 Open up well. Wait on Basin Wireline. RIH and tag cement at 2280'. Perforate 3 squeeze holes at 1282'. Attempt to establish rate into squeeze holes; pressured up to 500 PSI, 800 PSI and held. Mike Gilbreath, BLM representative, approved procedure change. TIH with tubing to 1340'. **Plug #6** spot 15_sxs Class B cement (17.7 cf) from 1340' to 1138' to cover the Nacimiento top. TOH and LD tubing. Perforate 3 squeeze holes at 357'. Attempt to establish circulation out 7.625" intermediate casing; pressured up to 1000 PSI and bled down to 100 PSI in 5 minutes. Hook up to IM and pumped ¾ bbls of water; pressured up to 400 PSI and held. Mike Gilbreath, BLM representative, approved procedure change. TIH with tubing to 435; casing full. **Plug #7** mix and pump 45_sxs Class B cement (53.1 cf) from 403' to surface, circulate good cement out casing valve. TOH and LD tubing. SI well and WOC. SDFD.

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Rosa Unit #53

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Plugging Summary – Continued:

12/07/09 Open up well. TIH and tag cement at 25'. LD tubing. ND BOP. Chain up rig. RD rig. Rode rig to base of Carracus Mesa Hill. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement down 25' in 4.5" casing and at the surface in annuli. Mix 24 sxs Class B cement; top off casing and install P&A marker. Rode equipment to Gobernador camp. SDFD.

12/08/09 Drive to Gobernador Camp. Service equipment. Attempt to rode rig and equipment to La Jara Hill. Roads snowpacked.

12/09/09 Drive to Gobernador Camp. Rode rig and equipment to top of LaJara Hill. Roads snowpacked.

Mike Gilbreath, BLM representative, was on location.

Rosa Unit #53

P&A

Basin Dakota

1120' FNL & 2100' FEL, Section 8, T-31-N, R-5-W

Rio Arriba County, NM / API #30-039-20293

Lat: _____ / Long: _____

Spud: 1/6/70
Comp: 3/13/70
Elevation: 6366' GI
6380' KB

13.75" Hole

Nacimiento @ 1206' *est

Ojo Alamo @ 2396' *est

Kirtland @ 2546' *est

Fruitland @ 2906' *est

Pictured Cliffs @ 3142'

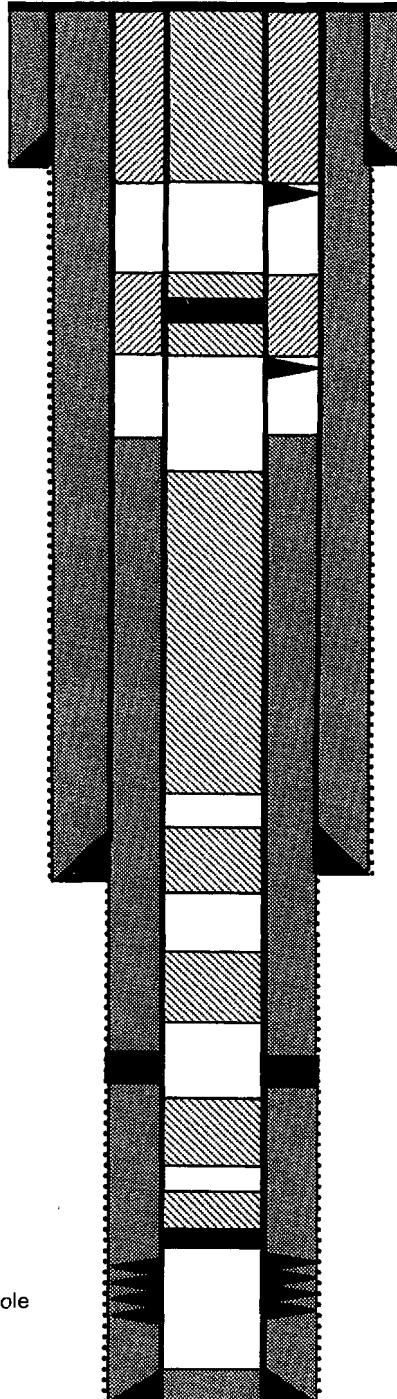
9.875" Hole

Mesaverde @ 5408' *est

Gallup @ 6888' *est

Dakota @ 7900'

6.75" Hole



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

Perforate @ 357'

Plug #7: 403' - 0'
Class B cement, 45 sxs

Cmt Retainer @ 1206'

Plug #6: 1340' - 1138'
Class B cement, 15 sxs

Perforate @ 1282'

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

Plug #5: 3212' - 2280'
Class B cement, 64 sxs

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

Plug #4: 4261' - 3699'
Class B cement, 46 sxs

DV Tool @ 6195'
Cemented with 375 sxs (705 cf)

TOC at DV Tool (Calc, 75%)

Plug #2: 6879' - 6685'
Class B cement, 13 sxs

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

Set CR @ 7754'

Plug #1: 7754' - 7317'
Class B cement, 53 sxs
Squeeze 27 sxs below,
leave 36 sxs above

Dakota Perforations:
7900' - 8090'

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

TD 8141'
PBD 8109'