

**RECEIVED**In Lieu of  
Form 3160  
(June 1990)

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT  
Farmington Field Office

SEP 21 2007

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## 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 - 078766

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 #115

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

9. API Well No.  
30-039-23483

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 DK / UNDES GALLUP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1510' FNL & 1050' FEL, SE/4 NE/4 SEC 22H - 31N - 6W

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.)\*

RCVD SEP 24 '07

OIL CONS. DIV.

DIST. 3

SEE ATTACHED FOR DETAILS:

APPROVED FOR FILING  
SEP 21 2007

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

Signed Rachel Lippert Title Engineering Tech Date September 21, 2007

Rachel Lippert

(This space for Federal or State office use)

Approved by [Signature] Title PE Date SEP 21 2007

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.

NMOC OPERATOR 9/24

August 24, 2007

Basin Dakota / Laguna Seca Gallup  
1510' FNL and 1050' FEL, Section 22, T31N, R6W  
Rio Arriba County, NM API 30-039-23483

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Williams safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. PU on tubing and release packer at 7240'. TOH with 242 joints 2.375" tubing with sliding sleeve and packer, total 7912'. If necessary LD tubing and PU workstring. PU 3.875" drill bit and round trip 4.5" gauge ring to 7716'.
3. **Plug #1 (Dakota perforations and top, 7716' – 7616')**: TIH and set a 4.5" CR at 7716'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Mix 12 sxs Type II cement and spot a balanced plug above CR to isolate the Dakota interval. TOH with tubing.
4. **Plug #2 (Gallup perforations and top, 6698' – 6334')**: TIH and set a 4.5" CR at 6698'. Load casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 28 sxs Type III cement and spot a balanced plug above CR to isolate the Gallup interval. PUH to 4995'.  
5260 5160
5. **Plug #3 (Mesaverde top, 4995' – 4895')**: Mix 11 sxs Type III cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3935'.  
4094 3934'
6. **Plug #4 (Chacra top, 3935' – 3835')**: Mix 11 sxs Type III cement and spot a balanced plug inside the casing to cover the Mesaverde top. TOH with tubing.

NOTE: Run CBL from DV Tool at 3508' to surface to determine TOC. The P&A procedure was prepared based on Sundry Notices and Completion Reports.. If CBL indicates cement was pumped above 3508' then the procedure will be adjusted accordingly with approval from BLM and NMOCD.

- 3300 7. **Plug #5 (Pictured Cliffs and Fruitland tops, 3128' – 2695'):** Perforate 3 squeeze holes at 3128'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 3078'. Establish rate into squeeze holes. Mix and pump 183 sxs cement, squeeze 150 sxs outside the 4.5" casing and leave 33 sxs inside the casing to cover the Pictured Cliffs and Fruitland tops. TOH with tubing.
8. **Plug #6 (Kirtland and Ojo Alamo tops, 2465' – 2235'):** Perforate 3 squeeze holes at 2465'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 2415'. Establish rate into squeeze holes. Mix and pump 99 sxs cement, squeeze 80 sxs outside the 4.5" casing and leave 19 sxs inside the casing to cover the Kirtland and Ojo Alamo tops. TOH with tubing.

9. Plug #7 (Nacimiento top, <sup>1029'</sup> ~~1145'~~ <sup>929'</sup> - <sup>1029'</sup> ~~1015'~~): Perforate 3 squeeze holes at ~~1145'~~. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 1065'. Establish rate into squeeze holes. Mix and pump 46 sxs cement, squeeze 35 sxs outside the 4.5" casing and leave 11 sxs inside the casing to cover the Nacimiento top. TOH and LD tubing.
10. Plug #8 (424' - Surface): Perforate 3 squeeze holes at 424'. Establish circulation with water out bradenhead valve. Circulate the bradenhead annulus clean. Mix and pump approximately 250 sxs cement down the 4.5" casing, circulate good cement out the bradenhead valve. 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.

**Rosa Unit #115****Current**

Basin Dakota / Laguna Seca Gallup

1510' FNL, 1050' FEL, Section 22, T-31-N, R-6-W

Rio Arriba County, NM, API #30-039-23483

Today's Date: 8/16/07

Spud: 7/7/84

Completed: 10/26/84

Elevation: 6253' GL

6266' KB

17.5" hole

13.625" 48#, H-40 Casing set @ 374'  
Cement with 413 cf, circulated

Nacimiento @ 1065'

Ojo Alamo @ 2285'

Kirtland @ 2415'

Fruitland @ 2745'

Pictured Cliffs @ 3078'

Chacra @ 3885'

Mesaverde @ 4945'

Gallup @ 6384'

Dakota @ 7809'

2.375" tubing set at @ 7912'  
(242 joints, 4.7#, J-55,  
Sliding Sleeve at 6660', Packer at 7240')DV Tool at 3508'  
Stage #3: No cementSqueezed casing leak 4200'  
- 4245' w236 cf  
Squeezed casing split at  
4200' with 56 cf  
Squeezed casing leak 4180'  
- 4225', 4200' - 4245, 4185'  
- 4230' w/ total 2075 cf  
(1984)DV Tool at 5622'  
Stage #2: 1201 cf

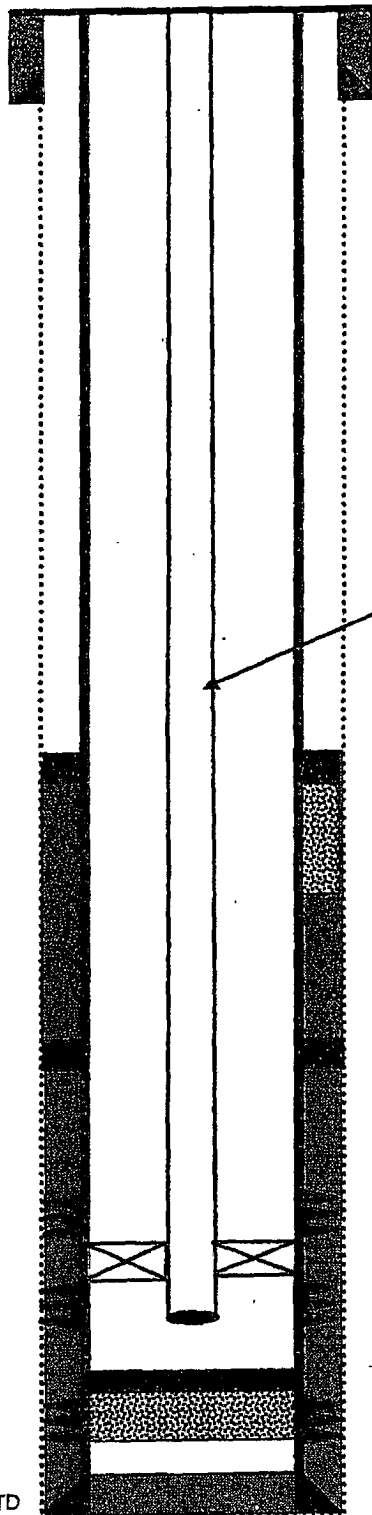
TOC @ DV Tool (Calc, 75%)

Gallup Perforations:  
6748' - 6934'  
6957' - 7176'

Baker "R-3" Packer @ 7240'

Dakota Perforations:  
7766' - 7792'  
7810' - 7907'Cmt Ret @ 7968', sqz w/  
95 cf of "H" cement (1984)Dakota Perforations:  
7980' - 8000'4.5" 11.6#, N-80 Casing set @ 8109'  
Stage #1: 1317 cf

7.875" hole to TD

TD 8109'  
FBTD 8060'

**Rosa Unit #115****Proposed P&A**

Basin Dakota / Laguna Seca Gallup

1510' FNL, 1050' FEL, Section 22, T-31-N, R-6-W

Rio Arriba County, NM, API #30-039-23483

Today's Date: 8/16/07

Spud: 7/7/84

Completed: 10/28/84

Elevation: 6253' GL  
6266' KB

17.5" hole

Nacimiento @ 1065'

Ojo Alamo @ 2285'

Kirtland @ 2415'

Fruitland @ 2745'

Pictured Cliffs @ 3078'

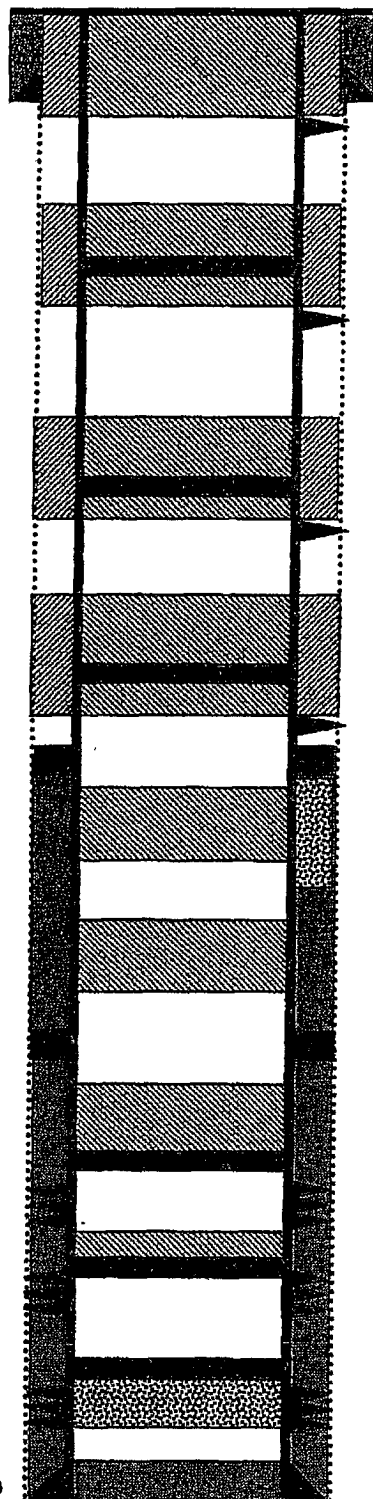
Chacra @ 3885'

Mesaverde @ 4945'

Gallup @ 6384'

Dakota @ 7809'

7.875" hole to TD

TD 8109'  
PBD 8060'13.625" 48#, H-40 Casing set @ 374'  
Cement with 413 cf, circulated

Perforate @ 424'

Plug #8: 424' - 0'

Type III cement 250 sxs

Cmt Retainer @ 1065'

Plug #7: 1115' - 1015'

Type III cement 46 sxs:  
35 outside and 11 inside

Perforate @ 1115'

Cmt Retainer @ 2415'

Plug #6: 2465' - 2235'

Type III cement 99 sxs:  
80 outside and 19 inside

Perforate @ 2465'

Cmt Retainer @ 3078'

Plug #5: 3128' - 2695'

Type III cement, 183 sxs:  
150 outside and 33 inside

Perforate @ 3128'

DV Tool at 3508'

Stage #3: No cement

Squeezed casing leak 4200'

- 4245' w/236 cf

Squeezed casing split at

4200' with 56 cf

Squeezed casing leak 4180'

- 4225', 4200' - 4245', 4185'

- 4230' w/ total 2075 cf

(1984)

Plug #4: 3935' - 3835'

Type III cement, 11 sxs

Plug #3: 4995' - 4895'

Type III cement, 11 sxs

DV Tool at 5622'

Stage #2: 1201 cf

TOC @ DV Tool (Calc, 75%)

Set CR at 6698'

Plug #2: 6698' - 6334'

Type III cement, 28 sxs

Gallup Perforations:

6748' - 6934'

6957' - 7176'

Set CR at 7716'

Plug #1: 7716' - 7616'

Type II cement, 12 sxs

Dakota Perforations:

7766' - 7782'

7810' - 7907'

Cmt Ret @ 7968', sqz w/

95 cf of "H" cement (1984)

Dakota Perforations:

7980' - 8000'

4.5" 11.6# N-80 Casing set @ 8109'

Stage #1: 1317 cf

**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: 115 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 Mesaverde plug from 5260' – 5160'.
  - b) Place the Chacra plug from 4094' – 3994'.
  - c) Place the Pictured Cliffs/Fruitland plug from 3300' - 2793'.
  - d) Place the Nacimiento plug to 1029' – 929'.

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.