

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-078767

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

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

8. Well Name and No.
Rosa Unit #30B

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-26601

3. Address and Telephone No.
PO BOX 640 Aztec NM 87410 634-4208

10. Field and Pool, or Exploratory Area
BLANCO MV/BASIN DK

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
20' FSL, 2360' FWL, SE/4 SW/4, SEC 12, T31N, R06W

11. County or Parish, State
RIO ARriba, NEW MEXICO

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 Reallocation

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.)*

Williams E&P has run Protechnic's Completion profiler tool for allocation purposes on the Rosa Unit #030B. Based on the results obtained, Williams proposes the following allocation:

| | | | |
|-----------|------|-----|-------|
| Mesaverde | 99% | 411 | Mcf/d |
| Dakota | 1% | 1 | Mcf/d |
| Total | 100% | 412 | Mcf/d |



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

Signed Larry Higgins Title Permit Supervisor Date 2/15/11

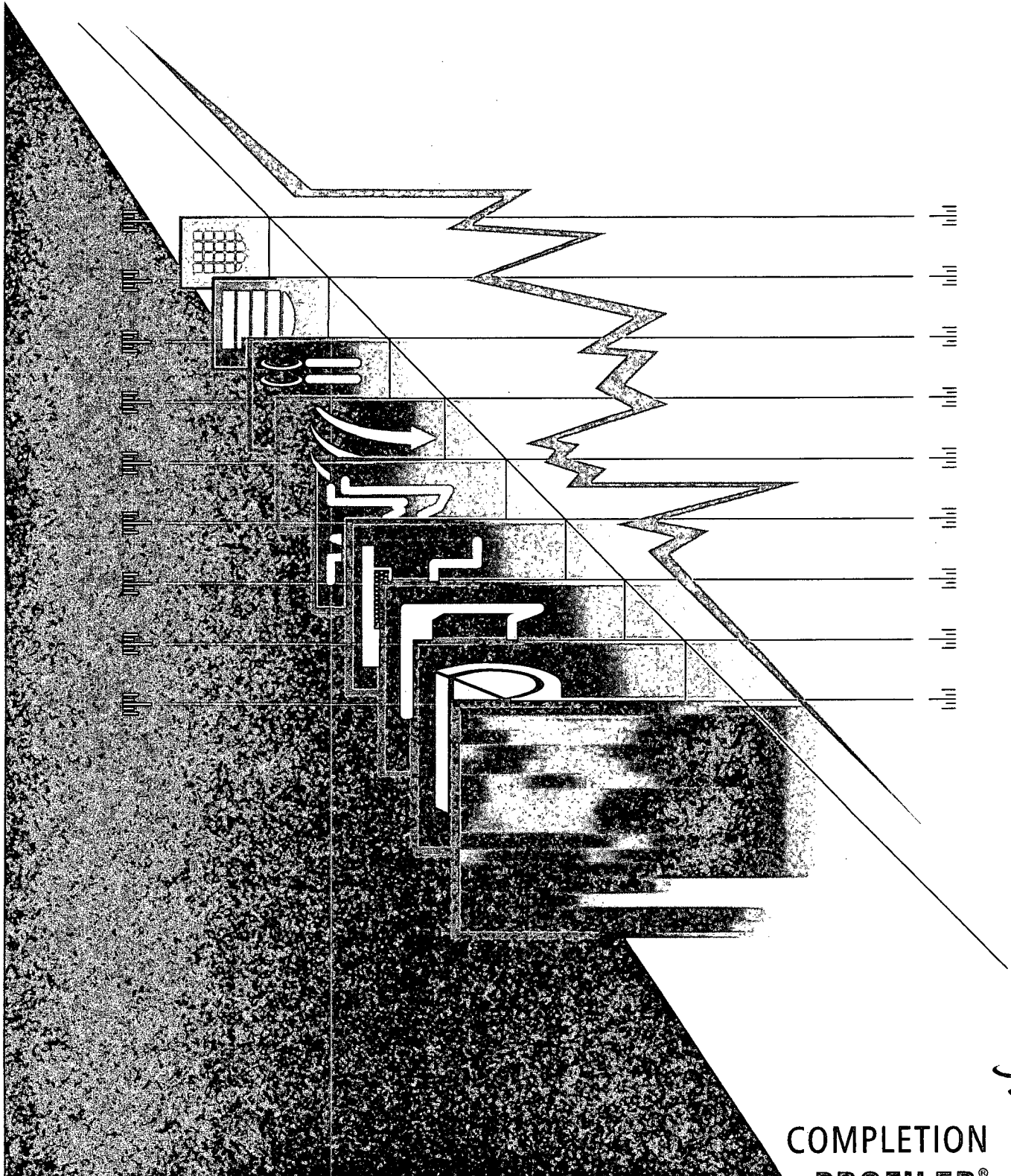
(This space for Federal or State office use)

Approved by Joe Hemmelt Title GEO Date 2-22-11

Conditions of approval, if any:

NMOC

*Williams Production Company
Rosa Unit #30B*

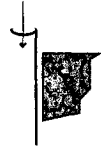


COMPLETION
PROFILER®

MEASURED SOLUTIONS



Completion Profile Analysis



| | |
|-------------------------|--------------------------------------|
| <i>Company</i> | <i>Williams Production Company</i> |
| <i>Well Name</i> | <i>Rosa Unit 30B</i> |
| <i>Field</i> | <i>Blanco Mesaverde/Basin Dakota</i> |
| <i>Location</i> | <i>Rio Arriba County, New Mexico</i> |
| <i>Customer Name</i> | <i>Justin Stolworthy</i> |
| <i>Date of Survey</i> | <i>September 17, 2010</i> |
| <i>Date of Analysis</i> | <i>October 12, 2010</i> |
| <i>Logging Engineer</i> | <i>Loren Healy</i> |
| <i>Analyst</i> | <i>Cole Hutchings</i> |

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful misconduct on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

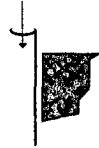
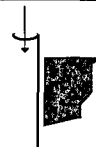


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Survey Objectives

- Identify the source of water production.
- Identify gas producing intervals.
- Quantitative production profile.

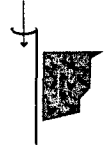
Logging Procedures

| Date | Time | Comment |
|-------|-------|-----------------------------------|
| 09/17 | 07:00 | Arrive on location |
| 09/17 | 07:30 | Gauge run start |
| 09/17 | 08:15 | Gauge run stop |
| 09/17 | 08:13 | Program Completion Profile String |
| 09/17 | 08:28 | Start GIH pass |
| 09/17 | 08:46 | Stop GIH pass |
| 09/17 | 08:47 | Start logging passes |
| 09/17 | 12:49 | Stop logging passes |
| 09/17 | 12:51 | Start out of well pass |
| 09/17 | 13:09 | Stop out of well pass |
| 09/17 | 13:16 | Start download |
| 09/17 | 13:30 | Stop download |
| 09/17 | 14:00 | Rig down |

Interval Logged: [From 4,703 to 8,095 ft.]
 60 ft/min
 90 ft/min
 120 ft/min



Completion Profile Analysis



Well Information

Casing: 5.5" 17.0 lb/ft surface to 8,199 ft PBTD: 8,174 ft

Tubing: 2.375" 4.7 lb/ft surface to 4,646 ft

Perforations: 4,777; 4,782; 4,788; 4,891; 4,937; 5,510; 5,550; 5,552; 5,588; 5,610;
5,613; 5,615; 5,635; 5,637; 5,639; 5,642; 5,644; 5,709; 5,711; 5,713;
5,735; 5,737; 5,741; 5,744; 5,746; 5,747 ft
(Stage 3 – Cliff House/Menefee)

5,803; 5,809; 5,812; 5,815; 5,817; 5,819; 5,824; 5,826; 5,830; 5,834;
5,840; 5,842; 5,845; 5,851; 5,857; 5,871; 5,875; 5,879; 5,910; 5,926;
5,929; 5,944; 5,950; 5,954 ft
(Stage 2 – Point Lookout)

8,032; 8,034; 8,036; 8,038; 8,040; 8,076; 8,079; 8,081; 8,083; 8,085;
8,088; 8,090; 8,091; 8,093; 8,094; 8,096; 8,098; 8,102; 8,104; 8,107;
8,109 ft
(Stage 1 – Dakota)

Flowing tubing pressure at the time of logging: 70 psi

Daily average surface production reported at the time of logging:

gas: N/A

water: N/A

Tool String

The 1 11/16" Completion Profiler string comprised the following sensors:

Battery housing; RS-232/CCL; Memory/CPU; Pressure/Temperature Combo; Centralizer;
Induction Collar Locator; Fluid Density; Centralizer; Spinner Flowmeter.

Results

The following table summarizes the production from each producing zone.

| GAS / WATER PRODUCTION PROFILE | | | | | | |
|--|---------|----------|------------|-----------|-----------|------------|
| Flow Rates Reported at STP | | | | | | |
| Zone Intervals | Q-Water | Qp-Water | Percent of | Q-Gas | Qp-Gas | Percent of |
| feet | BFPD | BFPD | Total | MCFD | MCFD | Total |
| Surface to 4777 | 3 bpd | | 100 % | 411 Mcf/d | | 100 % |
| Stage 3 - Cliff House/Menefee | | | 77 % | | | 79 % |
| 4777 to 5746 | 3 bpd | 2 bpd | | 411 Mcf/d | 323 Mcf/d | |
| Stage 2 - Point Lookout | | | 22 % | | | 21 % |
| 5803 to 5954 | 1 bpd | 1 bpd | | 88 Mcf/d | 88 Mcf/d | |
| Stage 1 - Dakota | | | 0 % | | | 0 % |
| 8032 to 8094 | 0 bpd | 0 bpd | | 1 Mcf/d | 1 Mcf/d | |
| Flow Contribution from Below Log Depth | | | 0 % | | | 0 % |
| 8096 to Below | 0 bpd | | 0 % | 0 Mcf/d | | 0 % |

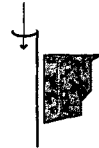
Completion Profile Analysis



The following table summarizes the production from each producing interval.

| GAS / WATER PRODUCTION PROFILE | | | | | | |
|--------------------------------|---------|----------|------------------|-----------|----------|------------------|
| Flow Rates Reported at STP | | | | | | |
| Zone Intervals | Q-Water | Qp-Water | Percent of Total | Q-Gas | Qp-Gas | Percent of Total |
| feet | BFPD | BFPD | | MCFD | MCFD | |
| Surface to 4777 | 3 bpd | | 100 % | 411 Mcf/d | | 100 % |
| Stage 3 - Cliff House/Menefee | | | 77 % | | | 79 % |
| 4777 to 4777 | 3 bpd | 0 bpd | 0 % | 411 Mcf/d | 2 Mcf/d | 0 % |
| 4782 to 4782 | 3 bpd | 0 bpd | 1 % | 410 Mcf/d | 2 Mcf/d | 1 % |
| 4788 to 4788 | 3 bpd | 0 bpd | 1 % | 408 Mcf/d | 4 Mcf/d | 1 % |
| 4891 to 4891 | 3 bpd | 0 bpd | 2 % | 403 Mcf/d | 11 Mcf/d | 3 % |
| 4937 to 4937 | 3 bpd | 0 bpd | 0 % | 392 Mcf/d | 1 Mcf/d | 0 % |
| 5510 to 5510 | 3 bpd | 0 bpd | 7 % | 391 Mcf/d | 31 Mcf/d | 7 % |
| 5550 to 5550 | 3 bpd | 0 bpd | 8 % | 360 Mcf/d | 36 Mcf/d | 9 % |
| 5552 to 5552 | 3 bpd | 0 bpd | 2 % | 324 Mcf/d | 9 Mcf/d | 2 % |
| 5588 to 5588 | 2 bpd | 0 bpd | 1 % | 315 Mcf/d | 4 Mcf/d | 1 % |
| 5610 to 5610 | 2 bpd | 0 bpd | 15 % | 311 Mcf/d | 60 Mcf/d | 15 % |
| 5613 to 5613 | 2 bpd | 0 bpd | 1 % | 251 Mcf/d | 3 Mcf/d | 1 % |
| 5615 to 5615 | 2 bpd | 0 bpd | 1 % | 248 Mcf/d | 2 Mcf/d | 1 % |
| 5635 to 5635 | 2 bpd | 0 bpd | 7 % | 246 Mcf/d | 29 Mcf/d | 7 % |
| 5637 to 5637 | 2 bpd | 0 bpd | 1 % | 217 Mcf/d | 3 Mcf/d | 1 % |
| 5639 to 5639 | 2 bpd | 0 bpd | 1 % | 214 Mcf/d | 3 Mcf/d | 1 % |
| 5642 to 5642 | 2 bpd | 0 bpd | 1 % | 210 Mcf/d | 4 Mcf/d | 1 % |
| 5644 to 5644 | 2 bpd | 0 bpd | 4 % | 206 Mcf/d | 17 Mcf/d | 4 % |
| 5709 to 5709 | 2 bpd | 0 bpd | 1 % | 189 Mcf/d | 3 Mcf/d | 1 % |
| 5711 to 5711 | 1 bpd | 0 bpd | 1 % | 186 Mcf/d | 2 Mcf/d | 1 % |
| 5713 to 5713 | 1 bpd | 0 bpd | 1 % | 184 Mcf/d | 4 Mcf/d | 1 % |
| 5735 to 5735 | 1 bpd | 0 bpd | 11 % | 180 Mcf/d | 41 Mcf/d | 10 % |
| 5737 to 5737 | 1 bpd | 0 bpd | 4 % | 139 Mcf/d | 20 Mcf/d | 5 % |
| 5741 to 5741 | 1 bpd | 0 bpd | 2 % | 119 Mcf/d | 11 Mcf/d | 3 % |
| 5744 to 5744 | 1 bpd | 0 bpd | 1 % | 108 Mcf/d | 6 Mcf/d | 1 % |
| 5746 to 5746 | 1 bpd | 0 bpd | 3 % | 102 Mcf/d | 14 Mcf/d | 3 % |
| Stage 2 - Point Lookout | | | 22 % | | | 21 % |
| 5803 to 5803 | 1 bpd | 0 bpd | 1 % | 88 Mcf/d | 6 Mcf/d | 1 % |
| 5809 to 5809 | 1 bpd | 0 bpd | 0 % | 83 Mcf/d | 1 Mcf/d | 0 % |
| 5812 to 5812 | 1 bpd | 0 bpd | 0 % | 81 Mcf/d | 1 Mcf/d | 0 % |

Completion Profile Analysis



| | | | | | | | | |
|--|----|-------|-------|-------|------|----------|----------|------|
| 5815 | to | 5815 | 1 bpd | 0 bpd | 0 % | 81 Mcf/d | 1 Mcf/d | 0 % |
| 5817 | to | 5817 | 1 bpd | 0 bpd | 0 % | 80 Mcf/d | 1 Mcf/d | 0 % |
| 5819 | to | 5819 | 1 bpd | 0 bpd | 11 % | 79 Mcf/d | 43 Mcf/d | 10 % |
| 5824 | to | 5824 | 0 bpd | 0 bpd | 7 % | 36 Mcf/d | 27 Mcf/d | 7 % |
| 5826 | to | 5826 | 0 bpd | 0 bpd | 1 % | 9 Mcf/d | 4 Mcf/d | 1 % |
| 5830 | to | 5830 | 0 bpd | 0 bpd | 0 % | 5 Mcf/d | 2 Mcf/d | 0 % |
| 5834 | to | 5834 | 0 bpd | 0 bpd | 0 % | 3 Mcf/d | 1 Mcf/d | 0 % |
| 5840 | to | 5840 | 0 bpd | 0 bpd | 0 % | 2 Mcf/d | 1 Mcf/d | 0 % |
| 5842 | to | 5842 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5845 | to | 5845 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5851 | to | 5851 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5857 | to | 5857 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5871 | to | 5871 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5875 | to | 5875 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5879 | to | 5879 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5910 | to | 5910 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5926 | to | 5926 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5929 | to | 5929 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5944 | to | 5944 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5950 | to | 5950 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 5954 | to | 5954 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| Stage 1 - Dakota | | | | | 0 % | | | 0 % |
| 8032 | to | 8032 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 8034 | to | 8034 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 8036 | to | 8036 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 8038 | to | 8038 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 8040 | to | 8040 | 0 bpd | 0 bpd | 0 % | 1 Mcf/d | 0 Mcf/d | 0 % |
| 8076 | to | 8076 | 0 bpd | 0 bpd | 0 % | 0 Mcf/d | 0 Mcf/d | 0 % |
| 8079 | to | 8079 | 0 bpd | 0 bpd | 0 % | 0 Mcf/d | 0 Mcf/d | 0 % |
| 8081 | to | 8081 | 0 bpd | 0 bpd | 0 % | 0 Mcf/d | 0 Mcf/d | 0 % |
| 8083 | to | 8083 | 0 bpd | 0 bpd | 0 % | 0 Mcf/d | 0 Mcf/d | 0 % |
| 8085 | to | 8085 | 0 bpd | 0 bpd | 0 % | 0 Mcf/d | 0 Mcf/d | 0 % |
| 8088 | to | 8088 | 0 bpd | 0 bpd | 0 % | 0 Mcf/d | 0 Mcf/d | 0 % |
| 8090 | to | 8091 | 0 bpd | 0 bpd | 0 % | 0 Mcf/d | 0 Mcf/d | 0 % |
| 8093 | to | 8094 | 0 bpd | 0 bpd | 0 % | 0 Mcf/d | 0 Mcf/d | 0 % |
| Flow Contribution from Below Log Depth | | | | | 0 % | | | 0 % |
| 8096 | to | Below | 0 bpd | | 0 % | 0 Mcf/d | | 0 % |