

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

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 TRIPPLICATE

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

7. If Unit or CA, Agreement Designation  
ROSA UNIT

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

8. Well Name and No.  
ROSA UNIT #165

3. Address and Telephone No.  
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254

9. API Well No.  
30-039-26070

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1655' FNL & 1850' FWL, SE/4 NW/4 SEC 25-31N-6W

10. Field and Pool, or Exploratory Area  
BLANCO MV / ROSA PICTURED CLIFFS

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 COMPLETION OPERATIONS

- ☐ 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.)\*

8-22-1999 MIRU. TIH w/ 3-7/8" bit, tag cmt. PU swivel, drill cmt to float collar @ 6063'. Circulate hole clean. POOH to 5970'

8-23-1999 RU BJ, spot 500 gal of 15% HCl at 5970'. TOOH. RU Halliburton, perf Point Lookout at 5657, 61, 65, 72, 76, 79, 83, 86, 90, 94, 98, 5701, 04, 07, 11, 14, 34, 38, 42, 46, 49, 58, 69, 73, 91, 94, 5804, 10, 13, 16, 33, 38, 66, 5909, 22 & 70. Total of 36 (0.38") holes

8-24-1999 RU BJ, pressure test lines to 3500#. Balled off Point Lookout in 1000 gal of 15% HCl and 54 ball sealers. Good ball action and complete ball off to 3500#. Ran junk basket and retrieved 54 balls with 34 hits. Fraced PL with 80,000# of 20/40 sand at 1-2 ppg in 1808 bbl of slick water. Job completed at 0841 hrs. 8/24/99. ISIP = 300#, 15 min. = 0#. AIR = 100 BPM, MIR = 107 BPM, ATP = 3200#, MTP = 3400#. Set 4-1/2" CIBP at 5650'. Pressure tested to 3500# - held OK. TIH with dump bailer and spot 12 gal of 28% HCl across of CH/MEN. Perforate CH/MEN at 4405, 94, 97, 4688, 91, 4744, 96, 5193, 96, 5214, 5478, 88, 95, 99, 5503, 27, 32, 72, 75, 89, 98, 5617, 20, 22 & 39. Total of 26 (0.38") holes. Ball off CH/MEN with 39 ball sealers in 1000 gal of 15% HCl. Ran junk basket and retrieved 19 balls with 15 hits. Fraced CH/MEN with 80,000# of 20/40 sand at 1-2 ppg in 1788 bbl of slick water. Job completed at 1344 hrs. 8/24/99. ISIP = 247#, 15 min = 0#. AIR = 90 BPM, MIR = 92 BPM, ATP = 3000#, MTP = 3100#. TIH w/ RBP & set @ 3590. RIH w/ dump bailer. TIH w/ tbg. & spot 500 gal of 15% HCl. TOOH. Perforate Pictured Cliffs at 3229, 31, 35, 38, 45, 48, 59, 64, 67, 75, 86, 92, 96, 99, 3304, 08, 11, 14, 19, 22, 32, 42, 49, 56, 61, 3409, 18 & 26, total of 28 holes (0.38" EHD)

Continued on back

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

Signed

Tracy Ross  
Tracy Ross

Title Production Analyst

Date September 13, 1999

(This space for Federal or State office use)

Approved by

Title

Date

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.

ACCEPTED FOR RECORD  
SEP 16 1999  
FARMINGTON FIELD OFFICE  
BY

8-25-1999 RIH w/ 3-1/2" frac string & packer to 2929'. Set packer. Break down Pictured Cliffs @ 3400# w/ 42 balls. Establish rate of 23 bpm @ 3200#. Bleed down pressure & release packer. RIH to 3450' to knock off balls. Pull up & set packer @ 2929'. Load backside & pressure up to 500#. Pressure test pumps & lines. Fraced Pictured Cliffs with 77,000# of 20/40 sand 3000# of BJ Flex sand at 1-4 ppg in 423 bbl of 70 Q foam. Job completed at 1230 hrs. 8/25/99. ISIP = 2500#, 5 min = 1732#, 10 min = 1706, 15 min = 1688. AIR = 30 BPM, MIR = 30 BPM, ATP = 3100#, MTP = 3350#. SWI. RU flow back manifold

8-26-1999 Found well w/ 1100#. Open thru 1/8" choke – pressure came down to 1000#. Open thru 1/4" choke – pressure fell to 750#. Open thru 3/8" choke – pressure fell to 550#. Open thru 1/2" choke – pressure down to 250#. Well making broken gel & nitrogen. Very little sand

8-27-1999 Open well thru 2" – well logged off. TOO H w/ packer & 3-1/2" frac string. RIH w/ 2-3/8" tbg. & tag up on sand @ 3545'. Pull up to 3100' & take pitot gauge; 1-1/3" out 1" (190 mcf). Run tracer scan (show sand from 3200' – 3450'). RIH & tag up on sand. Start compressor, unable to unload well. Only have 100# of pressure. Pull up to top perf & left compressor running

8-28-1999 TOO H w/ 2-3/8". TIH w/ retrieving head on 2-3/8" tbg. Clean out w/ nitrogen to RBP. Latch onto RBP & pump 60 bbls of water. Open unloader & TOO H w/ packer. Well came in hard. Lay down packer & RIH open ended. Tag up on sand @ 5550'. Clean out to 5650'. Ran sweep every 45 min. Well making heavy water & med. sand. Pull up to liner top & unload w/ compressor

8-30-1999 TIH & tag fill @ 5618'. Start compressor & clean out to CIBP @ 5650'. Pull up 2' above CIBP & run soap sweeps every hr. Pull up to top of MV perfs, unload well. Flow well w/ compressor. Well making light sand & water. TIH & tag fill @ 5640'. Clean out to CIBP & run soap sweeps. Pull above MV perfs & flow w/ compressor. Well making little water & no sand

8-31-1999 TIH with 3-7/8" bit and tag 2' of fill on top of CIBP. Pitot test well at 1,948 MCFD. Pick up swivel and drill plug. There was no pressure below the plug. Push plug to 5670' and tagged sand. Cleaned out to 6051'. Blow well with compressor. Ran hourly soap sweeps. Gas rate was improving. Well making medium to heavy water and medium sand

9-01-1999 TIH and tag 33' of fill. Clean out to PBTB. Blow well with hourly soap sweeps. Well is making sand and water. POOH above perfs to 4400'. Blow well. TIH and clean out 7' of fill to PBTB. Blow well with soap sweeps every 45 min. Well is still making sand and water

9-02-1999 TIH and tag 11' of fill. Clean out to PBTB. Blow well with hourly soap sweeps. TOO H and stand back tubing. Rig up Halliburton and set Model "D" production packer at 3530'. TIH with 77 joints of 2-3/8" tubing with turned down collars

9-03-1999 Run long string with 190 joints, with 8', 8', 6', and 4' pup joints one joint down from the top. Total length = 5872.90'. All joints below Model "D" have turned down collars. Landed with 7000# on Model "D" and 7000# on donut. Short string was 109 jts (3368.59'). Landed donut. Pressure tested to 3000# - held OK. ND BOPs and NUWH. Released rig at 1700 hrs 9/3/99