

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

RECEIVED
ELN

210 FARMINGTON NM

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)
NE/4 NE/4 SEC 29-T-31-N, R-5-W

5. Lease Designation and Serial No.
SF - 078764

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
Rosa Unit #64

9. API Well No.
30-039-21703

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 _____

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.)*

Repair casing leak, install new tubing and RTP.

1. MIRU, kill, ND tree, & NU BOP's.
2. POOH & lay down existing tubing.
3. Set IFBP.
4. Cement or backoff production casing for leak repair.
5. Drill out.
6. Pull IFBP.
7. Hangoff new tubing at 7,965 to 7,940 feet MD.
6. ND BOP's & NU tree.
7. TEST WELL TO MAKE CERTAIN TUBING IS NOT PLUGGED.
8. Release rig.
9. Return to production.

RCVD JUN 7 07
OIL CONS. DIV.
DIST. 3

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

Signed Rachel Lipperd
Rachel Lipperd

Title Engineering Tech Date May 30, 2007

(This space for Federal or State office use)

Approved by Original Signed: Stephen Mason

Title _____

Date JUN 05 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.

NMOCD 08



EXPLORATION & PRODUCTION

MANDATORY CASING REPAIR

ROSA # 64

RIO ARriba COUNTY, NM

MAY 2007

WELLBORE STATUS:

PBTD 8,070' MD

257 JTS. OF 2-3/8", 4.7 #/FT, 8- RD J-55 TO 8,021' MD

PRODUCTION CASING: 4-1/2" LT & C, 11.6 #/FT, P-110

ESTIMATED SIBHP = 1,050± PSIG

RETRIEVABLE (?) PACKER @ 7,931'

ESTIMATED SIBHT = 189± °F

ELEV.: 6,397' GR

TD: 8,108' MD

OBJECTIVE: Repair casing leak, install new tubing and RTP.

1. MIRU, kill, ND tree, & NU BOP's.
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5. Drill out.
6. Pull IFBP.
7. Hangoff new tubing at 7,965 to 7,940 feet MD.
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PRIOR TO PRIMARY JOB

- 1) Acquire 8,100' of 2-3/8", 4.7 #/ft eue 8rd.

ROSA Unit # 64 DK Casing Repair
AM

5/25/2007 8:38:00

- 2) Locate approximately 500 feet of 4-1/2" casing, LT & C, 11.6 #/ft, P-110 grade.
- 3) Test rig anchors.
- 4) Verify location is OK for rig operations.
- 5) Ensure JSA, ECP's and lockout procedures are in place for the flowline and other energized piping or equipment.
- 6) Locate cement retainer for shipment.

SAFETY NOTICE

**PERSONNEL SAFETY IS THE NUMBER ONE JOB.
NO EXCEPTIONS !!!**

PROCEDURE:

Note: A safety meeting shall be held each morning before work and subsequent "tailgate" safety meetings are to be held during the day when operation objectives shift in nature and intent (i.e. beginning/ending fishing operations, squeeze jobs, rigging down, etc.)

1. Spot equipment, MIRU.
2. Blow down gas on well as possible to kill.
3. Pump into both tubing string and backside to load well with 2% KCl water if necessary to kill well. Verify that tubing is clear, do not exceed 500 psig pressure on tubing!

Note: Steps 2 & 3 are to be performed each day before work begins and as necessary throughout the workday (with expected departure(s) when tubing is out of the hole).

4. Set wireline plug in a collar in the tubing 1 joint below the packer.
5. Pump into tubing and pressure up to 500 psig. If the pressure holds, proceed with step 5.1 below, if not POOH with wireline plug and skip to step # 6. **(NOTE: This step may be performed prior to the rig arriving on location!)**
 - 5.1. R/U pump on production casing (4-1/2" x 2-3/8" annulus), open intermediate casing.
 - 5.2. Attempt to establish circulation from annulus to intermediate annulus.
 - 5.3. If the annulus circulates, drop paint or other marker to ascertain the approximate depth of a hole in the 4-1/2 pipe.
 - 5.4. After determining approximate hole depth, notify Tulsa office, R/D pump and return lines.
 - 5.5. RIH and pull wireline plug set in tubing, then proceed to step #6.
6. ND tree and NU BOP's (blind & pipe rams).
7. Test BOP's for operation and have shop test report for pressure on location.

Note: Step 7 is to be performed each time BOP stack is nipped up.

Important: No records exist describing the packer in this well other than the packer was set at 7,931' MD with 7,000 lbs of weight on top. It is likely that this is a retrievable packer. Please contact vendors prior to workover to determine packer type. This packer was run by Amoco on 11-SEP-78.

8. POOH with tubing and lay down (Unless in very good condition as communicated "real time" to Tulsa office. Communicate to Tulsa office the pipe condition as POOH.
9. P/U new completion string (unless pipe condition of old string was very good and use was confirmed with Tulsa Office) and RIH with test packer to just above and below leak if found in #5 above to isolate leak.
10. After locating leaks down to packer @ 7,931', POOH and lay down test packer.
11. P/U inflatable bridge plug (or packer and plug) and RIH.
12. Set IFBP to Tulsa office specification to be determined depending on leak depth. If a leak is located in the top few joints, an attempt to backoff will be made and the IFBP must be set deep enough to allow well to be killed 100%. If leak is deep, IFBP must be set at least 2 joints below deepest known hole for cement job. Pressure up to no more than 500 psig to test IFBP.
13. After testing IFBP, dump at least 10 feet of sand on top of the IFBP.
14. If backing off is specified, a procedure will be created for the known conditions. If a cement job is required, notify the BLM and NMOCD 24 hours in advance and proceed:
 - 14.1. POOH and lay down running tool for IFBP.
 - 14.2. P/U cement retainer and set at least 1 joint above the top leak and no more than 2 joints above the top leak.
 - 14.3. Open the intermediate casing valve to circulate out of.
 - 14.4. Establish circulation with water.

Squeeze Cement Instructions: The cement company shall test the cement mixes to be pumped prior to pumping. The test cements shall use the same water that will be mixed with the squeeze cements that are to be pumped in the hole. **A minimum of four hours of working time** on the cements will be obtained and used to avoid flash set.

Note: Catch **at least two slurry samples** of each cement type when pumping cement and send to Mr. Terry Carpenter.

- 14.5. R/U cementers and pump into hole enough cement to cover hole plus several joints.
- 14.6. After cement is pumped, sting out of cement retainer and circulate out at least two and 1/2 bottoms up.
- 14.7. POOH with tubing to approx 200 ft above cement retainer, set tubing and hold approx. 200 to 500 psig on tubing for 4-6 hours.
- 14.8. POOH with tubing string.
- 14.9. After WOC for 12 to 18 hours, RIH with a bit and drill out retainer and cement.
- 14.10. Test hole to no more than 500 psig for 15 minutes.
- 14.11. If no leak, proceed, if there is a leak contact Tulsa Engineering.
15. Proceed in hole with bit and cleanout on top of IFBP.
16. After cleaning, POOH and lay down bit.

17. P/U pulling tool and RIH and pluck IFBP.
18. POOH and lay down IFBP and pulling tool
19. P/U mule shoe, 1.875" minimum ID X nipple and RIH on 2-3/8" 4.7 #/ft, J-55 eue 8rd tubing and set end of tubing (EOT) from 7,965 to 7,940 feet MD.

ATTENTION

Only use pipe dope on the pins. **Do not dope the couplings.** If pipe dope gets on the exterior of the couplings or the pipe it should be wiped clean from the pipe or coupling. Do not use excess pipe dope and only dope the threads on the pins.

20. Hang off tubing.

Note: This well should be dead and the BOP's shall be closed and locked at the end of daily operations.

21. N/D BOP's and N/U wellhead.
22. Test the well by wireline tagging (as firmed using an end of tubing locator), swabbing or flowing well from tubing to make certain the tubing is not plugged prior to releasing the rig.
23. If tubing is not plugged, release rig. If tubing is plugged contact Tulsa Engineer immediately.
24. R/D, move off location.
25. Return well to production.

**DO NOT RELEASE THE RIG FROM LOCATION UNTIL IT HAS BEEN
CONFIRMED THAT THE TUBING IS CLEAR.**

**ROSA UNIT #64
BASIN DAKOTA**

Location:

790' FNL and 790' FEL
NE/4 NE/4 Sec 29(A), T31N, R5W
Rio Arriba, New Mexico
Elevation: 6397' GR 6410' KB
API # 30-039-21703

Spud Date: 08/07/78

Completed Date: 10/05/78

1st Delivery Date: 04/24/79

Top Depth

Pictured Cliffs 2620'

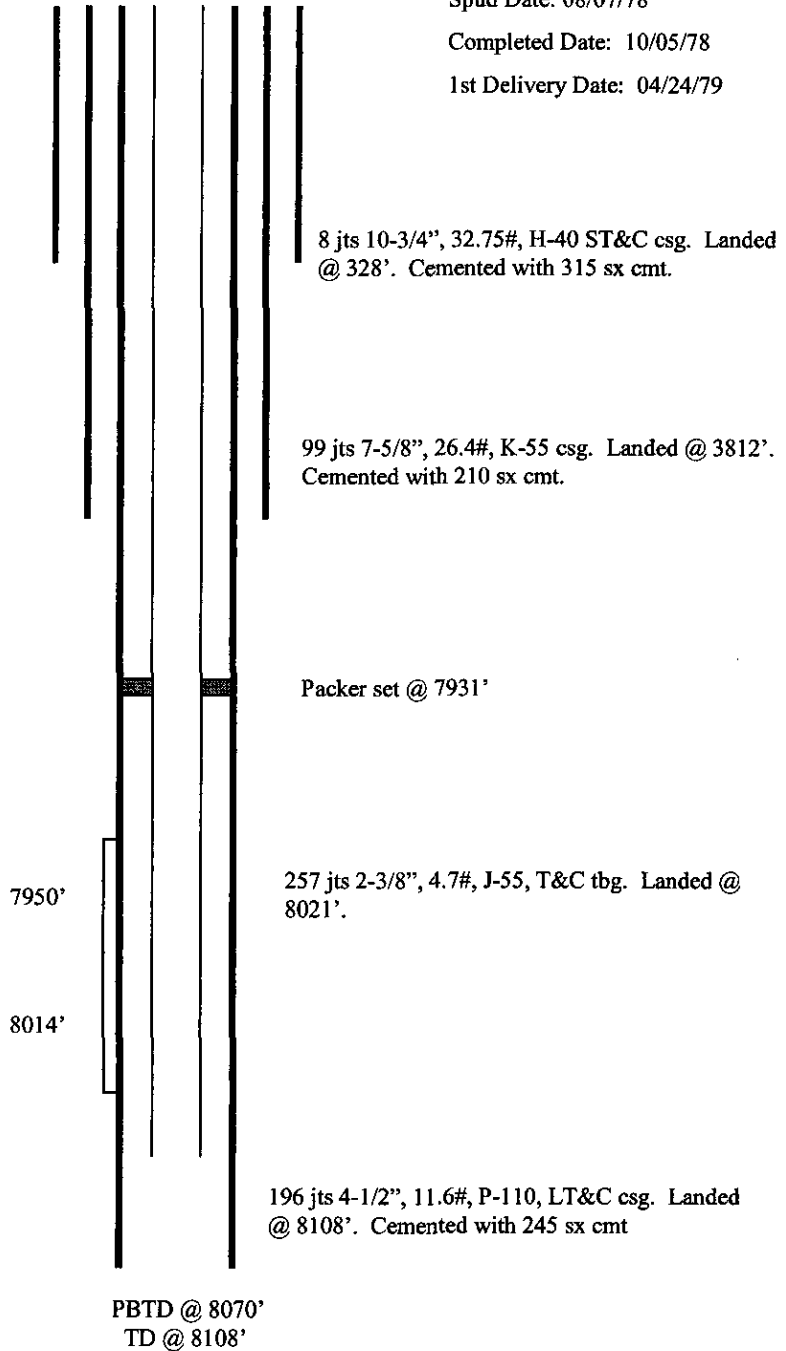
Mesa Verde 5700'

Dakota 7950'

Stimulation: 09/06/78

Perf'd 7950'-7968' and 8001'-
8014' at 2 JSPF (0.4")

Fraced w/ 163,000 gal frac fluid
and 290,000 lbs sand.



Hole Size	Casing	Cement	Top of Cmt
15"	10-3/4", 32.75#	315 sx	Surface
9-7/8"	7-5/8", 26.4#	210 sx	Surface
6-3/4"	4-1/2", 11.6#	245 sx	??