

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 - 078771

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #144

9. API Well No.
30-039-25421

10. Field and Pool, or Exploratory Area
PICTURED CLIFFS

11. County or Parish, State
RIO ARRIBA, NM

RECEIVED

SUBMIT IN TRIPLICATE

OCT 22 2007

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐
Bureau of Land Management
Farmington Field Office

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)
983' FNL & 1029' FEL NE/4 NE/4 SEC. 26, T-31N, R6W

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 TBG. HOLE REPAIR
& COMPLETION UPGRADE

- 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.)*

Objective: Cleanout all fill in rathole, increase perforation density, and replace tubing string.

- 1) MIRU, kill, ND tree, & NU BOP's.
- 2) Cleanout well.
- 3) POOH with tubing.
- 4) Perforate.
- 5) RIH with turned down collars through perfs.
- 6) Confirm fill cleaned out.
- 7) Hangoff tubing at 3,150' - 70'.
- 8) ND BOP's & NU tree.
- 9) Release rig.
- 10) Return to production.

RCVD OCT 23 10 07
OIL CONS. DIV.
DIST. 3

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

Signed

Rachel Lippard
Rachel Lippard

Title Engineering Tech

Date October 17, 2007

(This space for Federal or State office use)

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 22 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



EXPLORATION & PRODUCTION

TUBING HOLE REPAIR & COMPLETION UPGRADE

**ROSA UNIT 144
RIO ARRIBA, NM
AUGUST 2007**

WELLBORE STATUS:

TD 3,308' MD

1-1/2", 2.9 #/FT, 10- RD J-55 To 3,208' MD---PACKERLESS

ESTIMATED SIBHP = 950± PSIG

ESTIMATED SIBHT = 168± °F

OBJECTIVE: Cleanout all fill in rathole, increase perforation density, and replace tubing string.

1. MIRU, kill, ND tree, & NU BOP's.
2. Cleanout well.
3. POOH with tubing.
4. Perforate.
5. RIH with turned down collars through perfs.
6. Confirm fill cleaned out.
7. Hangoff tubing at 3,150'-70'.
5. ND BOP's & NU tree.
6. Release rig.
7. Return to production.

PRIOR TO PRIMARY JOB

- 1) Acquire 3,400 ft of 2-3/8" 4.6# J-55 10rd tubing with x/over to 8rd tubing **and turned down collars.**
- 2) Acquire 2-3/8" 10 rd threaded **1.875" minimum I.D. X or XN** type nipple (or 8rd and xover).
- 3) Acquire approx. 200 ft. of 1-1/2", 2.9 #/ft, 10 rd pipe.
- 4) Acquire **NEW 2-3/8" streamlined wellhead and hanger for 10rd.**

- 5) Test rig anchors.
- 6) Verify location is OK for rig operations.
- 7) Ensure JSA, ECP's and lockout procedures are in place for the flowline and other energized piping or equipment.

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 filtered FLSW + 2% KCl as necessary to kill well.

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. ND tree and NU BOP's (blind & pipe rams).
5. Test BOP's for operation and have shop test report for pressure on location.
6. Pick up on tubing and check for string integrity check, weight should be approx. 9,500 pounds.

Note: Step 5 is to be performed each time BOP stack is nipped up.

7. Attempt to circulate with existing completion tubing.
8. If well circulates, add pipe and RIH cleaning to PBTD.
9. After returns clean up (less than 1/4 cup sand in 5 gallons of water returns), POOH and lay down tubing.
10. R/U perforators.
11. Make Gamma/collar locator run from approx. 3,250' to 2,800 feet to locate collars. **Make certain to confirm collars located at 3,106'+, 3,147, 3,191+ and 3,236' from Petro Wireline GR/CBL/CL run 27-AUG-94. All perforation measurements given are based upon this log.**
12. POOH, lay down gamma tool and pick up perf gun on collar locator.

13. RIH to locate collar at 3,336'.
14. POOH to 2,800' and confirm collars.
15. Tie in collars.
16. RIH to approx. 3,250'.
17. While POOH, shoot perfs from 3,122' to 3,127 feet and 3,134' to 3,156'. If two runs required, shoot upper run first, then repeat steps 12-17 and shoot the lower perfs. Perforations will be 4-6 SPF w/90 degree phasing or better.
18. Continue POOH and lay down perf gun.
19. RD perforators
20. RIH with completion string (nipple on bottom with turned down collars through perf section) and circulate out to TD at 6,014'.
21. After returns clean up (less than 1/4 cup sand in 5 gallons of water returns), circulate a sweep of BJ Techniclean then PU to 3,150-3170' and hang off tubing.

ATTENTION

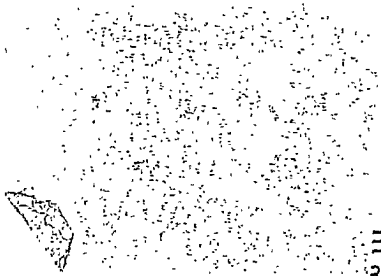
Only use pipe dope on the pins. **Do not dope the couplings.** If pipe dope gets on the exterior of the couplings or the pipe it should be wiped clean from the pipe or coupling. Do not use excess pipe dope and only dope the threads on the pins.

Note: Install **1.875" minimum ID nipple** either on bottom (preferably) or 1 jt off bottom.

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

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

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



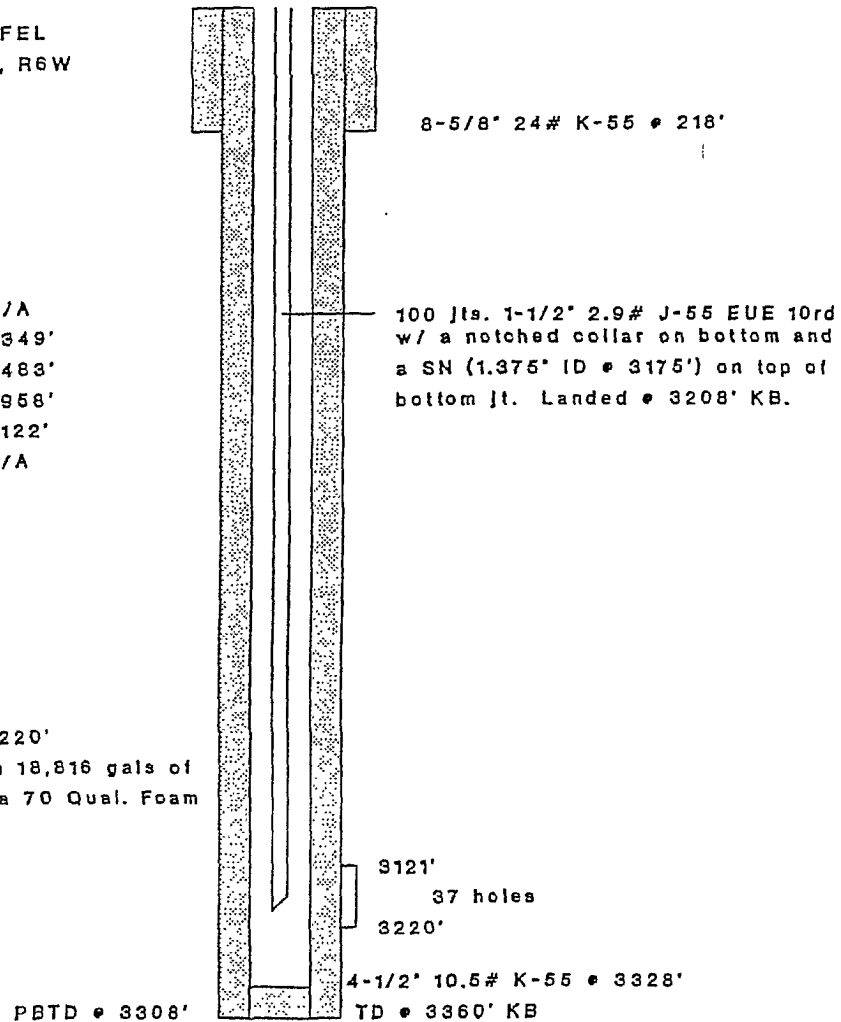
WELLBORE DIAGRAM ROSA UNIT #144 PC

LOCATION: 983'FNL, 1029'FEL
NE/4 NE/4 SEC. 26, T31N, R6W
RIO ARRIBA CO., NM
ELEVATION: 6298' GR
KB = 12'

TOPS:
NACIMIENTO N/A
OJO ALAMO 2349'
KIRTLAND 2483'
FRUITLAND 2958'
PICTURED CLIFFS 3122'
LEWIS N/A

STIMULATION

Pictured Cliffs: 3121' to 3220'
101,560# of 20/40 sand in 18,816 gals of
30# Borate X-Link gel in a 70 Qual. Foam



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	8-5/8" 24#	150 SX	177 CU.FT.	SURFACE
6-3/4"	4-1/2" 10.5#	495 SX	911 CU.FT.	SURFACE