

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

717 17th St., Suite 2200, Denver, Co 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

660' FEL & 1940' FSL

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) Subsequent report of Gallup squeeze

5. LEASE  
Contract No. 127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Apache

9. WELL NO.  
124

10. FIELD OR WILDCAT NAME  
Lindrith Gallup Dakota West

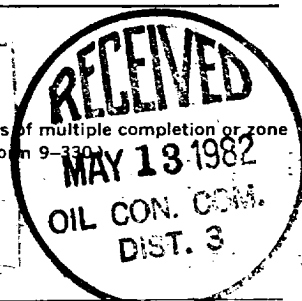
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 4-T24N-R4W

12. COUNTY OR PARISH Rio Arriba 13. STATE New Mexico

14. API NO.  
30-039-21887-00

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6813' KB

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)



17. 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.)\*

The Gallup zone of the subject well was cmt squeezed with a total of 200 sxs Class B low wtr loss cmt per the attached procedure on April 21 & 22, 1982. The cmt has been cleaned out. The well was returned to production on April 27, 1982 from the Dakota A (7119-7160) and Dakota D (7264-7312).

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED [Signature] TITLE Div. Prod. Mgr. DATE 5-3-82

(This space for Federal or State office use)

APPROVED BY ACCEPTED FOR RECORD TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

MAY 11 1982

FARMINGTON DISTRICT

BY [Signature]

\*See Instructions on Reverse Side

NMOCC

APACHE No. 124  
West Lindrith Gallup-Dakota Field  
Rio Arriba County, New Mexico

Cement Squeeze Gallup

4-20-82

1. Unset pkr @ 6150'.
2. TIH x latch on BP @ 6446'.
3. TOOH w/tbg x pkr x BP.
4. RU Wireline Company.
5. TIH w/Wireline set Howco Speed-E-Line BP, set @ 6500'.
6. TIH w/Wireline Set E-Z Drill SV cmt retainer, set @ 5898'.
7. RD Wireline Company.
8. TIH w/stinger x tbg, sting into cmt rtnr x establish inj rate.
9. Perform cmt squeeze on the Gallup as follows:

- a. Pmp 50 sxs Howco Class B cmt w/low water loss additives.
- b. Flush to cmt rtnr w/23 bbls fresh wtr.
  1. If walking squeeze is not obtained, go to remaining steps attempting to get a hesitation squeeze.
  2. If squeeze is obtained, sting our of rtnr x reverse out x proceed to Step 10.
- c. Shut dwn 15 min.
- d. Pmp 1/2 bbl.
- e. Repeat Step c & d until zone either squeezes or a total displacement of 4.5 bbls have been pmpd; If pressure indicates that the zone is not going to squeeze, over displace top perms @ 6223' w/3 bbls wtr. (Note: Total csg volume between cmt rtnr x top perf = 5 bbls)
- f. Sting our of rtnr x reverse out.
- g. If zone did no squeeze, shut dwn for a period 1-1/2 times pumpability time or SDON. Repeat Steps 8 & 9.

Flush Volume Calc.: Tbg vol. from surf to cmt rtnr = 5908' x .00387 = 22.9 ~23 bbl  
Csg vol. from rtnr to top perf = 315' x .0159 = 5 bbls

10. TOOH
11. TIH w/flat btm mill x 6 DC's that can be fished x tbg.
12. Mill out cmt rtnr @ 5908' x clean out to approx. 6410'.



13. Pressure test cmt squeeze to surf, pressure of 2500 psi.
  - a. If pressure does not hold, RU Wireline Company x repeat Step 6-13.
  - b. If pressure does hole, continue to next step.
14. Continue in hole w/flat btm mill x DC's x tbg, mill out BP @ 6450'.
15. Continue in hole to tag PBTD.
16. TOOH.
17. TIH w/production string.
18. Return well to production.

DMT/vl