Form 9–331
Dec. 1973

Form Approved.
Budget Bureau No. 42–R1424

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 [X] 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.)
AT SURFACE: 660' FEL & 1940' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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)
6735' GR

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	[X]		[ ]
PULL OR ALTER CASING	[ ]		[ ]
MULTIPLE COMPLETE	[ ]		[ ]
CHANGE ZONES	[ ]		[ ]
ABANDON*	[ ]		[ ]
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9–330.)

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.)*

Attached is the cement squeeze procedure to be performed on the Gallup formation to shut off water production. This procedure has received verbal approval from Mr. Errol Breacher on April 16, 1982.

RECEIVED
APR 28 1982
OIL CON. COM.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED _____ TITLE Div. Prod. Mgr. DATE 4-20-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED
APR 27 1982
for JAMES F. SIMS
DISTRICT ENGINEER

NMOCC

*See Instructions on Reverse Side

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 @ 6450'.
6. TIH w/Wireline Set E-Z Drill SV cmt retainer, set @ 5908'.
7. RD Wireline Company.
8. TIH w/stinger x tbg, sting into cmt rtnr x establish inj rate.
9. Perform cmt sqeeze 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 perfs @ 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 bbls
   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