

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R142

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 "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache

9. WELL NO.

103

10. FIELD AND POOL, OR WILDCAT
Lindrieth Gallup-
Dakota West

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 3-T24N-R4W
N.M.P.M.

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

1. OIL ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

1660 Lincoln Street,
2502 Lincoln Center Building, Denver, Colorado 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

2000'FNL, 895'FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6877'GL, 6889'DF, 6890'KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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.)*

9-19-77 P.B.T.D. - 7523'

First Stage - Dakota "B" & "D"

Perforations: 7356'-7365', 7403'-7411', 7446'-7450' and
7455'-7460' with 1 shot per foot.

Pad	- 10,000 gals
Water	- 48,380 gals
Sand	- 40,000 lbs
Flush	- 5,600 gals
Breakdown Press.	- 3100 psig
Max. Treating Press.	- 3400 psig
Ave. Treating Press.	- 3350 psig
Ave. Injection Rate	- 43.0 BPM
Hydraulic Horsepower	- 3531 HHP
Instantaneous SIP	- 1750 psig
5 minute SIP	- 1550 psig
15 minute SIP	- 1420 psig

RECEIVED
OCT 21 1977
U.S. GEOLOGICAL SURVEY
DENVER, CO.

For: Cotton Petroleum Corporation

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

SIGNED Ewell N. Walsh, P.E.

TITLE President, Walsh Engineering & Production Corp.

DATE Oct. 20, 1977

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

SUNDRY NOTICES CONTINUED
Apache No. 103

9-28-77

Third Stage - Gallup

Temporary Bridge Plug - 7070'.

Perforations: 6242'-6248', 6254'-6266', 6279'-6292',
6352'-6358', 6392'-6396', 6400'-6408',
6414'-6418', 6424'-6429', 6436'-6440',
6466'-6472', 6494'-6499', 6512'-6517',
6523'-6527', & 6547'-6451' with 1 shot
per foot.

Pad	- 12,400 gals
Water	-155,200 gals
Sand	-141,500 lbs
Flush	- 5000 gals
Breakdown Press.	- 1800 psig
Max. Treating Press.	- 4000 psig
Ave. Treating Press.	- 3500 psig
Ave. Injection Rate	- 400 BPM
Hydraulic Horsepower	- 4032 HHP
Instantaneous SIP	- 1200 psig
5 minute SIP	- 1025 psig
10 minute SIP	- 1000 psig
15 minute SIP	- 980 psig

Second Stage - Dakota "A"

Temporary Bridge Plug - 7335'.

Perforations: 7242'-7248', 7254'-7266', & 7279'-7292'
with 1 shot per foot.

Pad	- 12,000 gals
Water	- 67,300 gals
Sand	- 65,000 lbs
Flush	- 5,600 gals
Breakdown Press.	- None. Pump in at 3400
Max. Treating Press.	- 3820 psig
Ave. Treating Press.	- 3400 psig
Ave. Injection Rate	- 43.0 BPM
Hydraulic Horsepower	- 3583 HHP
Instantaneous SIP	- 1850 psig
5 minute SIP	- 1710 psig
15 minute SIP	- 1620 psig