

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 127
2. NAME OF OPERATOR Cotton Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR 1660 Lincoln Street, 2502 Lincoln Center Building, Denver, Colorado 80264		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1600'FSL, 1850'FEL		8. FARM OR LEASE NAME Apache
14. PERMIT NO.		9. WELL NO. 21
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6779'GR, 6789'DF, 6790'KB		10. FIELD AND POOL, OR WILDCAT So. Blanco P.C.
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4-T24N-R4W N.M.P.M.
		12. COUNTY OR PARISH Rio Arriba
		13. STATE New Mexico

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.)*

9-5-77 P.B.T.D. - 3000'

Sandwater frac:

Perforations: 2880'-82', 2892'-94', 2900'-02' and 2916'-2926'
with 1 shot per foot.

Pad

- 5,200 gals with 2% KCL and 2 lbs
FR-20 and 1 gal HOWCO Suds per 1000
gals

Water

- 51,620 gals with 2% KCL and 2 lbs
FR-20 per 1000 gals

Sand

- 60,000 lbs. 20-40

Flush

- 2,500 gals with 1 gal per 1000 gals
HOWCO Suds

Breakdown

- 3,000 psig

Max. Treating Press.

- 2,230 psig

Ave. Treating Press.

- 2,100 psig

Ave. Injection Rate

- 40.0 BPM

Hydraulic Horsepower

- 2,059 HHP

Instantaneous SIP

- 830 psig

5 minute SIP

- 700 psig

15 minute SIP

- 620 psig

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

Sept. 27, 1977

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE