

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 23006

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CST Federal 222

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
5309 X-58 0-503
Watkins Grayburg11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

31-T18S-R32E, NMPM

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1.

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

General Operating Company

3. ADDRESS OF OPERATOR

711 Commerce Building, Fort Worth, Texas 76102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

660' FSL and 2310' FEL Section 31-T18S-R32E

14. PERMIT NO.

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

3670' GR 3680' RKB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Completion

(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.)*

General Operating Company's CST Federal #1 was spudded on 9-19-75 with WEK Drilling Company, Roswell, New Mexico rotary tools. Eleven (11) inch surface hole was drilled to 530' RKB and 8-5/8" OD, 20# surface casing was set at 525' RKB and cemented with 300 sacks Class C cement on 9-19-75. Cement circulated. Cement was allowed to set 18 hours before pressure testing surface casing to 600 psi and drilling out.

A 7-7/8" bit was used to drill to driller total depth of 4265' RKB which depth was reached on 9-26-75. After logging well with Welox GR-Compensated Density-Forxo-Guard Log, 4-1/2" OD, 9.5# production casing was set at 4265' RKB and cemented with 500 sacks 50-50 pozmix cement with plug down at 7:00 AM 9-27-75. Casing pressure tested to 1600 psi when landing plug. Temperature log cement top 2510' RKB.

Perforated on 10-9-75 from 4236'-50' with 1 hole/foot in Grayburg sand with all measurements RKB and Compensated Density Log. Acidized perforations with 750 gallons and fracture treated with 15000 gallons gelled 2% KCL water with 15000 # 20-40 sand and 5000 # 10-20 sand on 10-10-75.

On pump test from 10-18-75 until 11-11-75, well produced 100 percent water. Efforts to determine source of water for attempted shut off were commenced on 11-11-75. Workover included cement squeezing of perforations 4236'-50' with 135 sacks, re-perforating from 4240'-42' with sand drill tool, and re-acidizing with 2000 gallons.

Workover completed 11-19-75 when well was placed back on pump. Well produced first oil on 11-21-75, and on test on 12-6-75, well produced 15 BO and 35 BW in 24-hour period

18. I hereby certify that the foregoing is true and correct with estimated GOR 267:1.

SIGNED

C. W. Stumhoffer

TITLE

Partner

DATE

1-16-76

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

HOBBS, NEW MEXICO