

Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

LEASE DESIGNATION AND SERIAL NO.

LC-060967

IF INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

SEMGSAU #106

API WELL NO.

30-025-33353

FIELD AND POOL, OR WILDCAT

Maljamar Grayburg San Andres

SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 30, T17S, R33E, NMPM

COUNTY OR PARISH

Lea

STATE

NM

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

Other

2. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. REVR. ☐

Other

3. NAME OF OPERATOR

Cross Timbers Operating Company

4. ADDRESS AND TELEPHONE NO.

P.O. Box 52070

Midland, TX, 79710 (915) 682-8873

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

At surface 1040' FSL &amp; 420' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE STUDDER

4/8/96

16. DATE T.D. REACHED

4/14/96

17. DATE COMPL. (Ready to prod.)

5/14/96

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

4034' GR

4047.5' RKB

19. ELEV. CASINGHEAD

4034'

20. TOTAL DEPTH, MD &amp; TVD

4418'

21. PLUG BACK T.D., MD &amp; TVD

4369'

22. IF MULTIPLE COMPL. HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

4218' - 4279' Grayburg (Premier SS)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CNL/CCL

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD |
|-------------------|-----------------|----------------|-----------|---------------------------------|
| 8 5/8" J-55       | 24              | 392'           | 12 1/4"   | Surface, 250 SX                 |
| 5 1/2" J-55       | 15.5            | 4417'          | 7 7/8"    | Surface, 950 SX                 |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
|      |          |             |               |             |
|      |          |             |               |             |

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2 3/4" | 4155'          |                 |

31. PERFORATION RECORD (Interval, size and number)

4218' - 4279', 0.52" dia, 15 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                                                      |
|---------------------|-------------------------------------------------------------------------------------------------------|
| 4218' - 4279'       | 2000 gals 15% NEFE HCL acid w/ 23 ball sealers & 17,000 gals XL gel carrying 74,000# 12/20 Brady sand |

33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            |                         | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|-------------------------|------------------------------------|--|
| 5/15/96               |                 | Rod pumping w/ 1½" pmp                                               |                         |          |            |                         | Producing                          |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 5/22/96               | 24              | NA                                                                   | →                       | 35       | 26         | 98                      | 743                                |  |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
| NA                    | 30              | →                                                                    |                         | ACCEPTED |            | 37.1                    |                                    |  |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

JIM BAKER

35. LIST OF ATTACHMENTS

GR/CNL/CCL log &amp; Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Ray F. Martin

TITLE

Operations Engineer

DATE

5/23/96

\*(See Instructions and Spaces for Additional Data on Reverse Side)

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME         | TOP         |                  |
|-----------|-----|--------|-----------------------------|--------------|-------------|------------------|
|           |     |        |                             |              | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Yates        | 2594'       | 2594'            |
|           |     |        |                             | Seven Rivers | 2941'       | 2941'            |
|           |     |        |                             | Queen        | 3554'       | 3554'            |
|           |     |        |                             | Grayburg     | 3732'       | 3732'            |
|           |     |        |                             | Premier SS   | 4214'       | 4214'            |
|           |     |        |                             | San Andres   | 4292        | 4292'            |