

(October 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(No. of  
str. on  
reverse side)

6-21-96  
APPROVED  
OIL & GAS  
EXP. 1004-01  
P.O. BOX 990  
NEW MEXICO 88240  
HOBBS 060967

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                |                       |                                                                                                  |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------|---------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                   |                       | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                             |               |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____ |                       | 7. UNIT AGREEMENT NAME                                                                           |               |
| 2. NAME OF OPERATOR<br>CROSS TIMBERS OPERATING COMPANY                                                                                                                                                                         |                       | 8. FARM OR LEASE NAME, WELL NO.<br>SEMGSAU #108                                                  |               |
| 3. ADDRESS AND TELEPHONE NO.<br>P. O. Box 52070 Midland, Texas 79710-2070                                                                                                                                                      |                       | 9. API WELL NO.<br>30-025-33408                                                                  |               |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1900' FSL & 104' FEL<br>At top prod. interval reported below Same<br>At total depth Same                            |                       | 10. FIELD AND POOL, OR WILDCAT<br>Maljamar Grayburg SanAndre                                     |               |
| 14. PERMIT NO.                                                                                                                                                                                                                 |                       | DATE ISSUED                                                                                      |               |
| 15. DATE SPUDDED<br>5/3/96                                                                                                                                                                                                     |                       | 16. DATE T.D. REACHED<br>5/8/96                                                                  |               |
| 17. DATE COMPL. (Ready to prod.)<br>6/7/96                                                                                                                                                                                     |                       | 18. ELEVATIONS (OF. RKB, RT, GR, ETC.)*<br>4049' GR 4062.5' RKB                                  |               |
| 19. ELEV. CASING HEAD<br>4049'                                                                                                                                                                                                 |                       | 20. TOTAL DEPTH, MD & TVD<br>4405'                                                               |               |
| 21. PLUG BACK T.D., MD & TVD<br>4324'                                                                                                                                                                                          |                       | 22. IF MULTIPLE COMPL., HOW MANY*                                                                |               |
| 23. INTERVALS DRILLED BY                                                                                                                                                                                                       |                       | ROTARY TOOLS                                                                                     |               |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>4223'-4282' Grayburg (Premier Sd)                                                                                                             |                       | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                                            |               |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR/CNL/CCL                                                                                                                                                                             |                       | 27. WAS WELL CORED<br>No                                                                         |               |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                             |                       |                                                                                                  |               |
| CASING SIZE/GRADE                                                                                                                                                                                                              | WEIGHT, LB./FT.       | DEPTH SET (MD)                                                                                   | HOLE SIZE     |
| 8-5/8"                                                                                                                                                                                                                         | 24                    | 395'                                                                                             | 12-1/4"       |
| 5-1/2"                                                                                                                                                                                                                         | 15.5                  | 4403'                                                                                            | 7-7/8"        |
| TOP OF CEMENT CEMENTING RECORD                                                                                                                                                                                                 |                       | AMOUNT PULLED                                                                                    |               |
| Surface, 250 sx                                                                                                                                                                                                                |                       |                                                                                                  |               |
| Surface, 850 sx                                                                                                                                                                                                                |                       |                                                                                                  |               |
| 29. LINER RECORD                                                                                                                                                                                                               |                       |                                                                                                  |               |
| SIZE                                                                                                                                                                                                                           | TOP (MD)              | BOTTOM (MD)                                                                                      | SACKS CEMENT* |
|                                                                                                                                                                                                                                |                       |                                                                                                  |               |
| 30. TUBING RECORD                                                                                                                                                                                                              |                       |                                                                                                  |               |
| SIZE                                                                                                                                                                                                                           | DEPTH SET (MD)        | PACKER SET (MD)                                                                                  |               |
| 2-3/8"                                                                                                                                                                                                                         | 4298'                 | None                                                                                             |               |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                             |                       |                                                                                                  |               |
| 4223'-4282' (ttl 23 holes w/0.52" dia.)                                                                                                                                                                                        |                       |                                                                                                  |               |
| 4344'-4358' (ttl 15 holes w/0.52" dia.)                                                                                                                                                                                        |                       |                                                                                                  |               |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                 |                       |                                                                                                  |               |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                            |                       | AMOUNT AND KIND OF MATERIAL USED                                                                 |               |
| 4223'-4282'                                                                                                                                                                                                                    |                       | 2500g 15% NEFE HCL & 20,000g XL gel w/75,000# 12/20 Brady Sd.                                    |               |
| 4344'-4358'                                                                                                                                                                                                                    |                       | Under CIBP @ 4334'; 2000g 15% HCL acid.                                                          |               |
| 33. PRODUCTION                                                                                                                                                                                                                 |                       |                                                                                                  |               |
| DATE FIRST PRODUCTION<br>6/8/96                                                                                                                                                                                                |                       | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Rod pumping - 1-1/2" pmp |               |
| DATE OF TEST<br>6/20/96                                                                                                                                                                                                        |                       | WELL STATUS (Producing or shut-in)<br>Producing                                                  |               |
| HOURS TESTED<br>24                                                                                                                                                                                                             | CHOKE SIZE<br>NA      | PROD'N. FOR TEST PERIOD<br>OIL—BSL. 69 GAS—MCF. 70 WATER—BSL. 21 GAS-OIL RATIO 1020              |               |
| FLOW. TUBING PRESS.<br>NA                                                                                                                                                                                                      | CASING PRESSURE<br>30 | CALCULATED 24-HOUR RATE<br>OIL—BSL. GAS—MCF. WATER—BSL. OIL GRAVITY-API (CORR.) 37.0             |               |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                             |                       | TEST WITNESSED BY<br>Jim Baker                                                                   |               |
| 35. LIST OF ATTACHMENTS<br>Computalog GR/CNL/CCL, Deviation Survey                                                                                                                                                             |                       |                                                                                                  |               |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                              |                       |                                                                                                  |               |
| SIGNED<br>Ray F. Martin                                                                                                                                                                                                        |                       | TITLE<br>Operations Engineer                                                                     |               |
|                                                                                                                                                                                                                                |                       | DATE<br>6-21-96                                                                                  |               |

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME           | DEPTH       |                  |
|-----------|-----|--------|-----------------------------|----------------|-------------|------------------|
|           |     |        |                             |                | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Base of Salt   | 2350'       | 2350'            |
|           |     |        |                             | Top Yates      | 2587'       | 2587'            |
|           |     |        |                             | Top 7-Rivers   | 2930'       | 2930'            |
|           |     |        |                             | Top Queen      | 3537'       | 3537'            |
|           |     |        |                             | Top Grayburg   | 3712'       | 3712'            |
|           |     |        |                             | Top San Andres | 4285'       | 4285'            |