

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R3555.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

|                                                                                                                                                                                                                              |                                                                      |                                                                             |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------|
| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                    |                                                                      | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>NM-03603-A</b>                    |                                                      |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ |                                                                      | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____                                  |                                                      |
| 2. NAME OF OPERATOR<br><b>William C. Russell</b>                                                                                                                                                                             |                                                                      | 7. UNIT AGREEMENT NAME _____                                                |                                                      |
| 3. ADDRESS OF OPERATOR<br><b>1775 Broadway, New York, N. Y. 10019</b>                                                                                                                                                        |                                                                      | 8. FARM OR LEASE NAME<br><b>Hammond</b>                                     |                                                      |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>1800' FNL, 1650' FEL</b><br>At top prod. interval reported below <b>-same-</b><br>At total depth <b>-same-</b> |                                                                      | 9. WELL NO.<br><b>52</b>                                                    |                                                      |
| 14. PERMIT NO. _____ DATE ISSUED _____                                                                                                                                                                                       |                                                                      | 10. FIELD AND POOL, OR WILDCAT<br><b>Largo-Chacra</b>                       |                                                      |
| 15. DATE SPUDDED <b>6-4-73</b>                                                                                                                                                                                               |                                                                      | 11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA<br><b>Section 26</b>       |                                                      |
| 16. DATE T.D. REACHED <b>6-22-73</b>                                                                                                                                                                                         |                                                                      | 12. COUNTY OR PARISH<br><b>San Juan</b>                                     |                                                      |
| 17. DATE COMPL. (Ready to prod.) <b>11-5-73</b>                                                                                                                                                                              |                                                                      | 13. STATE<br><b>N.M.</b>                                                    |                                                      |
| 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* <b>6015' DF</b>                                                                                                                                                                      |                                                                      | 19. ELEV. CASINGHEAD <b>6005'</b>                                           |                                                      |
| 20. TOTAL DEPTH, MD & TVD <b>3288'</b>                                                                                                                                                                                       |                                                                      | 21. PLUG, BACK T.D., MD & TVD _____                                         |                                                      |
| 22. IF MULTIPLE COMPL., HOW MANY* _____                                                                                                                                                                                      |                                                                      | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS <b>all</b> CABLE TOOLS <b>none</b> |                                                      |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>3078-3088 Chacra</b>                                                                                                                     |                                                                      | 25. WAS DIRECTIONAL SURVEY MADE<br><b>yes</b>                               |                                                      |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>Gamma-Ray Neutron</b>                                                                                                                                                             |                                                                      |                                                                             |                                                      |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                           |                                                                      |                                                                             |                                                      |
| CASING SIZE                                                                                                                                                                                                                  | WEIGHT, LB./FT.                                                      | DEPTH SET (MD)                                                              | HOLE SIZE                                            |
| 10 3/4                                                                                                                                                                                                                       | ?                                                                    | 210'                                                                        | 12 3/4                                               |
| 7                                                                                                                                                                                                                            | ?                                                                    | 4365                                                                        | 8 3/4                                                |
| 4 1/2                                                                                                                                                                                                                        | 11.6#                                                                | 4710                                                                        | 6 1/4                                                |
| 1 1/4                                                                                                                                                                                                                        | ?                                                                    | 3080                                                                        | Tubing                                               |
| 29. LINER RECORD                                                                                                                                                                                                             |                                                                      | 30. TUBING RECORD                                                           |                                                      |
| SIZE                                                                                                                                                                                                                         | TOP (MD)                                                             | BOTTOM (MD)                                                                 | SACKS CEMENT*                                        |
|                                                                                                                                                                                                                              |                                                                      |                                                                             | SCREEN (MD)                                          |
|                                                                                                                                                                                                                              |                                                                      |                                                                             | SIZE                                                 |
|                                                                                                                                                                                                                              |                                                                      |                                                                             | DEPTH SET (MD)                                       |
|                                                                                                                                                                                                                              |                                                                      |                                                                             | PACKER SET (MD)                                      |
|                                                                                                                                                                                                                              |                                                                      |                                                                             | 1 1/4                                                |
|                                                                                                                                                                                                                              |                                                                      |                                                                             | 3080                                                 |
|                                                                                                                                                                                                                              |                                                                      |                                                                             | -                                                    |
| 31. PERFORATION RECORD (Interval, size and number)<br><b>one jet per ft.</b>                                                                                                                                                 |                                                                      | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                              |                                                      |
|                                                                                                                                                                                                                              |                                                                      | DEPTH INTERVAL (MD)                                                         | AMOUNT AND KIND OF MATERIAL USED                     |
|                                                                                                                                                                                                                              |                                                                      | 3078-3088 (acid)                                                            | 1 jet per ft                                         |
|                                                                                                                                                                                                                              |                                                                      | sand-water                                                                  | 500 gals MCA                                         |
|                                                                                                                                                                                                                              |                                                                      | 3,000 bbls                                                                  | frac                                                 |
|                                                                                                                                                                                                                              |                                                                      |                                                                             | 80,000#                                              |
| 33.* PRODUCTION                                                                                                                                                                                                              |                                                                      |                                                                             |                                                      |
| DATE FIRST PRODUCTION                                                                                                                                                                                                        | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                                                                             | WELL STATUS (Producing or shut-in)                   |
| <b>shut-in</b>                                                                                                                                                                                                               | <b>-</b>                                                             |                                                                             | <b>shut-in</b>                                       |
| DATE OF TEST                                                                                                                                                                                                                 | HOURS TESTED                                                         | CHOKE SIZE                                                                  | PROD'N. FOR TEST PERIOD                              |
| <b>11-29-73</b>                                                                                                                                                                                                              | <b>3</b>                                                             | <b>3/4"</b>                                                                 | <b>-</b>                                             |
| FLOW. TUBING PRESS.                                                                                                                                                                                                          | CASING PRESSURE                                                      | CALCULATED 24-HOUR RATE                                                     | OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) |
| <b>116</b>                                                                                                                                                                                                                   | <b>1137</b>                                                          | <b>-</b>                                                                    | <b>1,394 ACF</b>                                     |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                   |                                                                      | TEST WITNESSED BY _____                                                     |                                                      |
| 35. LIST OF ATTACHMENTS<br><b>Open Flow Test Data</b>                                                                                                                                                                        |                                                                      |                                                                             |                                                      |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.                                                                                           |                                                                      |                                                                             |                                                      |
| SIGNED <b>William C. Russell</b>                                                                                                                                                                                             |                                                                      | TITLE <b>Operator</b> DATE <b>1-1-74</b>                                    |                                                      |

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