

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1a. TYPE OF WORK<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <u>070 Farmington</u>                                                                                                                    |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><u>NMNM - 99720</u>                                                                                                      |  |
| 1b. TYPE OF WELL<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/>                                                                     |  | 6. INDIAN, ALLOTTEE OR TRIBE NAME<br><u>Manos</u>                                                                                                               |  |
| 2. NAME OF OPERATOR<br><u>Synergy Operating, LLC</u>                                                                                                                                                                                                                           |  | 7. UNIT AGREEMENT NAME<br><u>Manos</u>                                                                                                                          |  |
| 3. ADDRESS AND TELEPHONE NO.<br><u>PO Box 5513, Farmington, NM 87499 (505) 325-5549</u>                                                                                                                                                                                        |  | 8. FARM OR LEASE NAME, WELL NO.<br><u>Bois d' Arc Encino 15 # 1</u>                                                                                             |  |
| 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)<br>At Surface <u>Unit A, 250' FNL, 920' FEL, Sec 15, T20N-R05W</u><br>At top prod. Interval reported below<br>At total depth <u>Unit A, 151' FNL, 736' FEL, Sec 15, T20NR05W</u> |  | 9. API WELL NO.<br><u>30-031-21008</u>                                                                                                                          |  |
| 14. PERMIT NO.                                                                                                                                                                                                                                                                 |  | DATE ISSUED <u>NOV 2002</u>                                                                                                                                     |  |
| 15. DATE SPUDDED <u>11-12-2001</u>                                                                                                                                                                                                                                             |  | 16. DATE T.D. REACHED <u>11-30-2001</u>                                                                                                                         |  |
| 17. DATE COMPL. (Ready to prod.) <u>03-25-2002</u>                                                                                                                                                                                                                             |  | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br><u>6725' GL (11' KB)</u>                                                                                             |  |
| 19. ELEV. CASING HEAD <u>6726'</u>                                                                                                                                                                                                                                             |  | 20. TOTAL DEPTH, MD & TVD<br><u>5298' MD 5287' TVD</u>                                                                                                          |  |
| 21. PLUG BACK T.D., MD & TVD<br><u>4793' MD 4783' TVD</u>                                                                                                                                                                                                                      |  | 22. IF MULTIPLE COMPL., HOW MANY*<br><u>1</u>                                                                                                                   |  |
| 23. INTERVALS DRILLED BY<br><u>Aztec # 507</u>                                                                                                                                                                                                                                 |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><u>Manos (Gallup Sandstone Interval) 4030' to 4150' MD, 4020' to 4140' TVD</u> |  |
| 25. WAS DIRECTIONAL SURVEY MADE<br><u>Yes</u>                                                                                                                                                                                                                                  |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><u>GR, SP, IND, NEU, DENSITY, Caliper, Microlog - Schlumberger</u>                                                      |  |
| 27. WAS WELL CORED<br><u>No</u>                                                                                                                                                                                                                                                |  | 28. Casing Record (Report all strings set in well)                                                                                                              |  |
| 29. Liner Record                                                                                                                                                                                                                                                               |  | 30. Tubing Record                                                                                                                                               |  |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                                             |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                  |  |
| 33. PRODUCTION                                                                                                                                                                                                                                                                 |  | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                      |  |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                                                        |  | 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                               |  |

\*(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.

NMOC

Manos

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

| FORMATION                 | TOP   | BOTTOM      | DESCRIPTION, CONTENTS, ETC.              | GEOLOGIC MARKERS        |             |                  |
|---------------------------|-------|-------------|------------------------------------------|-------------------------|-------------|------------------|
|                           |       |             |                                          | NAME                    | MEAS. DEPTH | TRUE VERT. DEPTH |
| Fruitland                 | 485'  | 590'        | Mud Log Gas Shows                        | Nacimiento              | Surface     | Surface          |
| Pictured Cliffs           | 590'  | 924'        | Mud Log Gas Shows                        | Ojo Alamo               | 135         | 133              |
| Menefee                   | 1977' | 2851'       | Mud Log Gas Shows in Coal Seams & Sand   | Kirtland                | 245         | 241              |
| Gallup Formation (Mancos) | 4028' | 4119'       | Mud Log Gas Shows, Lost Circulation Zone | Fruitland               | 485         | 481              |
|                           | 4030' | 4150'       | Completed and Production Tested. Unecon  | Pictured Cliffs         | 590         | 585              |
| Dakota                    | 4881' | 5245' (PBT) | Porous Sand. Swab Tested. 200 bbls water | Lewis Shale             | 924         | 916              |
|                           |       |             |                                          | Chacra                  | 969         | 961              |
|                           |       |             |                                          | Cliffhouse (La Ventana) | 1271        | 1261             |
|                           |       |             |                                          | Menefee                 | 1977        | 1967             |
|                           |       |             |                                          | Pt. Lookout             | 2851        | 2841             |
|                           |       |             |                                          | Mancos                  | 3005        | 2995             |
|                           |       |             |                                          | Semilla SS, Mancos      | 3814'-3881' | 3804'-3871'      |
|                           |       |             |                                          | Juana Lopez SS, Man     | 3889        | 3879             |
|                           |       |             |                                          | Gallup Formation        | 4028'-4119' | 4027'-4109'      |
|                           |       |             |                                          | Greenhorn               | 4794        | 4783             |
|                           |       |             |                                          | Dakota                  | 4881        | 4869             |

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