

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other  
instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

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 _____                                                                                    |                                           | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>NM-13280</b>                                                                     |                                                           |
| 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. RESVR. <input type="checkbox"/> Other _____ |                                           | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                                       |                                                           |
| 2. NAME OF OPERATOR<br><b>Hondo Oil &amp; Gas Company</b>                                                                                                                                                                       |                                           | 7. UNIT AGREEMENT NAME                                                                                                     |                                                           |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Box 2208, Roswell, NM 88202</b>                                                                                                                                                              |                                           | 8. FARM OR LEASE NAME<br><b>Smith Ranch "11" Federal</b>                                                                   |                                                           |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).<br>At surface <b>2310' FSL &amp; 900' FWL</b><br>At top prod. interval reported below<br>At total depth                            |                                           | 9. WELL NO. #1<br><b>API #30-025-31255</b>                                                                                 |                                                           |
| 14. PERMIT NO.                                                                                                                                                                                                                  |                                           | 13. STATE<br><b>NM</b>                                                                                                     |                                                           |
| DATE ISSUED                                                                                                                                                                                                                     |                                           | 12. COUNTY OR PARISH<br><b>Lea Co.,</b>                                                                                    |                                                           |
| 15. DATE SPUDDED<br><b>6/28/91</b>                                                                                                                                                                                              | 16. DATE T.D. REACHED<br><b>7/21/91</b>   | 17. DATE COMPL. (Ready to prod.)<br><b>9/05/91</b>                                                                         | 18. ELEVATIONS (OF RKB, RT, GR, ETC.)*<br><b>3583' GR</b> |
| 19. ELEV. CASINGHEAD                                                                                                                                                                                                            | 20. TOTAL DEPTH, MD & TVD<br><b>9700'</b> |                                                                                                                            |                                                           |
| 21. PLUG BACK T.D., MD & TVD<br><b>9508'</b>                                                                                                                                                                                    |                                           | 22. IF MULTIPLE COMPL., HOW MANY*                                                                                          | 23. INTERVALS DRILLED BY<br><b>0-9700'</b>                |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br><b>9436'-9474' Bone Springs</b>                                                                                                                |                                           |                                                                                                                            | 25. WAS DIRECTIONAL SURVEY MADE<br><b>NO</b>              |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>SDL-DSN, SED, DLL-MSFL, Packer Positioning Record</b>                                                                                                                                |                                           |                                                                                                                            | 27. WAS WELL CORED<br><b>NO</b>                           |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                              |                                           |                                                                                                                            |                                                           |
| CASING SIZE                                                                                                                                                                                                                     | WEIGHT, LB./FT.                           | DEPTH SET (MD)                                                                                                             | HOLE SIZE                                                 |
| 13 3/8"                                                                                                                                                                                                                         | 48# & 54.5#                               | 510'                                                                                                                       | 17 1/2"                                                   |
| 8 5/8"                                                                                                                                                                                                                          | 32#                                       | 5100'                                                                                                                      | 12 1/4"                                                   |
| 5 1/2"                                                                                                                                                                                                                          | 17#                                       | 9700'                                                                                                                      | 7 7/8"                                                    |
| CEMENTING RECORD                                                                                                                                                                                                                |                                           | AMOUNT PULLED                                                                                                              |                                                           |
| 525sx, circ 36bbbls to surf.                                                                                                                                                                                                    |                                           |                                                                                                                            |                                                           |
| 7310sx, circ 300sx to surf.                                                                                                                                                                                                     |                                           |                                                                                                                            |                                                           |
| 1200sx, TOC @ 3770'.                                                                                                                                                                                                            |                                           |                                                                                                                            |                                                           |
| 29. LINER RECORD                                                                                                                                                                                                                |                                           |                                                                                                                            |                                                           |
| SIZE                                                                                                                                                                                                                            | TOP (MD)                                  | BOTTOM (MD)                                                                                                                | SACKS CEMENT*                                             |
|                                                                                                                                                                                                                                 |                                           |                                                                                                                            |                                                           |
| 30. TUBING RECORD                                                                                                                                                                                                               |                                           |                                                                                                                            |                                                           |
| SIZE                                                                                                                                                                                                                            | DEPTH SET (MD)                            | PACKER SET (MD)                                                                                                            |                                                           |
| 2 7/8"                                                                                                                                                                                                                          | 9302'                                     |                                                                                                                            |                                                           |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                              |                                           |                                                                                                                            |                                                           |
| 9436'-9454' & 9462'-9474' (.51", 107 holes)<br>Reperf 9436'-9454' (.52", 38 holes)                                                                                                                                              |                                           |                                                                                                                            |                                                           |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                  |                                           |                                                                                                                            |                                                           |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                             |                                           | AMOUNT AND KIND OF MATERIAL USED                                                                                           |                                                           |
| 9436'-9474'                                                                                                                                                                                                                     |                                           | 6000gals 15% NeFe Acid                                                                                                     |                                                           |
| 9436'-9474'                                                                                                                                                                                                                     |                                           | 50,000gals Xlink gel w/30% CO2+ 70,000# sd + 5500# interprop                                                               |                                                           |
| 9436'-9474'                                                                                                                                                                                                                     |                                           | 1000gals 15% NeFe + 44,000gals 64Q                                                                                         |                                                           |
| 33.* PRODUCTION                                                                                                                                                                                                                 |                                           |                                                                                                                            |                                                           |
| DATE FIRST PRODUCTION<br><b>8/04/91</b>                                                                                                                                                                                         |                                           | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br><b>Pumping w/ 2 1/2" X 1 3/4" X 28' RHBH pump.</b> |                                                           |
| WELL STATUS (Producing or shut-in)<br><b>Producing</b>                                                                                                                                                                          |                                           | CO2 foam + 48,000# 20/40 rsn ctd sd                                                                                        |                                                           |
| DATE OF TEST<br><b>9/17/91</b>                                                                                                                                                                                                  | HOURS TESTED<br><b>24</b>                 | CHOKE SIZE                                                                                                                 | PROD'N. FOR TEST PERIOD                                   |
| OIL—BBL.<br><b>69</b>                                                                                                                                                                                                           |                                           | GAS—MCF.<br><b>259</b>                                                                                                     | WATER—BBL.<br><b>39</b>                                   |
| OIL GRAVITY-API (CORR.)<br><b>37.54</b>                                                                                                                                                                                         |                                           |                                                                                                                            |                                                           |
| FLOW. TUBING PRESS.                                                                                                                                                                                                             | CASING PRESSURE                           | CALCULATED 24-HOUR RATE                                                                                                    | OIL—BBL.<br><b>69</b>                                     |
| GAS—MCF.<br><b>259</b>                                                                                                                                                                                                          |                                           | WATER—BBL.<br><b>39</b>                                                                                                    | OIL GRAVITY-API (CORR.)<br><b>39.2</b>                    |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br><b>Vented pending connection.</b>                                                                                                                                 |                                           |                                                                                                                            |                                                           |
| TEST WITNESSED BY<br><b>Joe Handley</b>                                                                                                                                                                                         |                                           |                                                                                                                            |                                                           |
| 35. LIST OF ATTACHMENTS<br><b>Logs &amp; deviation survey.</b>                                                                                                                                                                  |                                           |                                                                                                                            |                                                           |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                               |                                           |                                                                                                                            |                                                           |
| SIGNED <b>E. J. Balthuse Jr.</b>                                                                                                                                                                                                |                                           | TITLE <b>Petroleum Engineer</b>                                                                                            |                                                           |
| DATE <b>09/19/91</b>                                                                                                                                                                                                            |                                           |                                                                                                                            |                                                           |

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

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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NAME                                                                                                                                                                                      | MEAS. DEPTH                                                                                                          | TOP<br>TRUE<br>VERT. DEPTH                                                                             |
|-----------------------------|-------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 1st Bone<br>Springs<br>Sand | 9417' | 9465'  | <p>30min. IFP opened tool w/good blow. To bottom of bucket in 2 min. had 13 psi @ end of flow. 60 min ISIP - had gas to surf. in 22 min. 60 min FFP pressure built to 18 psi on 1/4" choke w/5' flare. 120 MIN FSIP. Released pkrs POH w/10 stands &amp; reversed out, 1750' mud cut oil (25 bbls) 40° API gravity + 820' mud (5 bbls).</p> <p>Sample Chamber Bottom Press.<br/>Chart @ 9465'</p> <p>Press. 150 psi IH 4456 psi<br/>2000 cc oil 30 min IFP 126 psi<br/>0 wtr 60 min ISIP 3731 psi<br/>.28 cf gas 60 min FFP 126-162 psi<br/>oil grav. 40°API @ 120 min FSIP 3731 psi<br/>@ 60°F FH 4456 psi<br/>BHT: 160°F</p> | <p>Rustler</p> <p>Top of Salt</p> <p>Base of Salt</p> <p>Top of Yates</p> <p>7-Rivers</p> <p>Delaware</p> <p>Top of Bone</p> <p>Springs</p> <p>1st Bone</p> <p>Springs Sand</p> <p>TD</p> | <p>1330'</p> <p>1466'</p> <p>3155'</p> <p>3383'</p> <p>3681'</p> <p>5049'</p> <p>8019'</p> <p>9334'</p> <p>9700'</p> | <p>+2266</p> <p>+2130</p> <p>+ 441</p> <p>+ 213</p> <p>- 85</p> <p>-1453</p> <p>-4423</p> <p>-5738</p> |

38. GEOLOGIC MARKERS