

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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. NM 013688 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|---|-----------------|---|---------------|---------------------|----------------------------------|------------|--------------------------------|------------|---------------------------------|------------|---------------------------------|----|-----|------|--------|---------|--|---|--|--|--|------|----------|-------------|---------------|-------------|------|----------------|-----------------|--------|-------|-------|---------|--|--------|-------|-------|--|--|--|--|--|--------|-------|--|
| 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 EL PASO NATURAL GAS CO. | | | | 7. UNIT AGREEMENT NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. ADDRESS OF OPERATOR BOX 990, FARMINGTON, NEW MEXICO | | | | 8. FARM OR LEASE NAME ATLANTIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 900'N, 1800'W At top prod. interval reported below At total depth | | | | 9. WELL NO. 6A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. PERMIT NO. _____ DATE ISSUED _____ | | | | 10. FIELD AND POOL, OR WILDCAT Blanco P.C. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. DATE SPUDDED 6/30/77 | | 16. DATE T.D. REACHED 7/11/77 | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 22, T-31-N, R-10-W NMPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. DATE COMPL. (Ready to prod.) 11/28/77 | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6256' GR | | 12. COUNTY OR PARISH San Juan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19. ELEV. CASINGHEAD | | 20. TOTAL DEPTH, MD & TVD 5641' | | 13. STATE New Mexico | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21. PLUG, BACK T.D., MD & TVD 5624' | | 22. IF MULTIPLE COMPL., HOW MANY* 2 | | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3024-3092 (PC) 4521-5594 (MV) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-5641' | | 25. WAS DIRECTIONAL SURVEY MADE No | | 26. TYPE ELECTRIC AND OTHER LOGS RUN IL-GR; CDL-GR; Temp. Survey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27. WAS WELL CORED No | | | | 28. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29. LINER RECORD | | 30. TUBING RECORD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>9 5/8"</td> <td>32.3#</td> <td>232'</td> <td>13 3/4"</td> <td>224 cf.</td> <td></td> </tr> <tr> <td>7"</td> <td>20#</td> <td>3410</td> <td>8 3/4"</td> <td>508 cf.</td> <td></td> </tr> </tbody> </table> | | CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED | 9 5/8" | 32.3# | 232' | 13 3/4" | 224 cf. | | 7" | 20# | 3410 | 8 3/4" | 508 cf. | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>TOP (MD)</th> <th>BOTTOM (MD)</th> <th>SACKS CEMENT*</th> <th>SCREEN (MD)</th> <th>SIZE</th> <th>DEPTH SET (MD)</th> <th>PACKER SET (MD)</th> </tr> </thead> <tbody> <tr> <td>4 1/2"</td> <td>3192'</td> <td>5641'</td> <td>365 cf.</td> <td></td> <td>1 1/4"</td> <td>3071'</td> <td>3105'</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2 3/8"</td> <td>5493'</td> <td></td> </tr> </tbody> </table> | | | | SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | 4 1/2" | 3192' | 5641' | 365 cf. | | 1 1/4" | 3071' | 3105' | | | | | | 2 3/8" | 5493' | |
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| | | | | | 2 3/8" | 5493' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31. PERFORATION RECORD (Interval, size and number) 3044-54, 3062-78, 3086-92' w/16 SPZ. 4521, 4615, 4657, 4741, 4749, 4757, 4765, 4773, 4793, 4798, 4803, 4815, 4821, 4827, 4833, 4864, 4873, 4967' w/1 SPZ. 5038, 5058, 5095, 5103, 5163, 5232, 5256, 5291, 5294, 5297, 5300, 5303, 5347, 5350, 5353, 5356, 5359, 5394, 5421, 5435, 5487, 5529, 5567, 5594' w/ SPZ | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRODUCTION | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>3024-3092'</td> <td>45,000#sand; 51,000 gal. water</td> </tr> <tr> <td>4521-4967'</td> <td>61,000#sand; 115,940 gal. water</td> </tr> <tr> <td>5038-5594'</td> <td>80,000#sand; 154,000 gal. water</td> </tr> </tbody> </table> | | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | 3024-3092' | 45,000#sand; 51,000 gal. water | 4521-4967' | 61,000#sand; 115,940 gal. water | 5038-5594' | 80,000#sand; 154,000 gal. water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing | | WELL STATUS (Producing or shut-in) Shut In | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE OF TEST 11/28/77 | | HOURS TESTED 3 | | CHOKE SIZE 3/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOW TUBING PRESS. SI 703 | | CASING PRESSURE PC SI 713 | | CALCULATED 24-HOUR RATE P.C. 1785-AOF M.V. 5869-AOF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) | | TEST WITNESSED BY Jim Thurstonson | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35. LIST OF ATTACHMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIGNED <i>A. P. Guss</i> | | TITLE Drilling Engineer | | DATE 12/15/77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | 38. GEOLOGIC MARKERS | | |
|-----------|-----|--------|-----------------------------|----------------------|-------------|-------------------------|
| | | | | NAME | MEAS. DEPTH | TOP TRUE VERT. DEPTH |
| | | | | P. C. | 3021 | |
| | | | | M. V. | 4515 | |
| | | | | P. L. | 5262 | |