



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

January 5, 1982

Mr. Paul C. Thompson  
Northwest Pipeline Corporation  
P. O. Box 90  
Farmington NM 87401

Re: Non-standard gas proration units  
San Juan 29-5 Unit #100 25-29N-5W ✓  
San Juan 30-5 Unit #77 36-30N-5W

Dear Mr. Thompson:

The non-standard gas proration units for the San Juan 29-5 Unit #100 and San Juan 30-5 Unit #77 are too small to be authorized by this district, according to Rule 5(B)1. They will have to be referred to the Director. A hearing does not have to be docketed as long as Rule 5(B)3 a-f is applicable. Enclosed is a copy of the general rules and regulations, with these rules indicated.

If you have any questions please call this office.

Yours truly

Jeff A. Edmister  
Geologist/Field Representative

JAE:gc

Enc.

cc: Well files

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 <input type="checkbox"/>                                                                                    |                                          |                                                                                 |                              | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF 078917                                                                                        |                                               |                              |                 |
| 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 <input type="checkbox"/> |                                          |                                                                                 |                              | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                                                    |                                               |                              |                 |
| 2. NAME OF OPERATOR<br>Northwest Pipeline Corporation                                                                                                                                                                                           |                                          |                                                                                 |                              | 7. UNIT AGREEMENT NAME<br>San Juan 29-5 Unit                                                                                            |                                               |                              |                 |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 90, Farmington, New Mexico 87401                                                                                                                                                                             |                                          |                                                                                 |                              | 8. FARM OR LEASE NAME<br>San Juan 29-5 Unit                                                                                             |                                               |                              |                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with map, State requirements)*<br>At surface 1885' FNL & 1165 FEL<br>At top prod. interval reported below Same as above<br>At total depth Same as above                          |                                          |                                                                                 |                              | 9. WELL NO.<br>#100                                                                                                                     |                                               |                              |                 |
| 14. PERMIT NO. DATE ISSUED<br>API 30-039-22534 JUL 10 1981                                                                                                                                                                                      |                                          |                                                                                 |                              | 10. FIELD AND POOL, OR WILDCAT<br>Gobernador PC/ Blanco MV                                                                              |                                               |                              |                 |
| 15. DATE SPUNDED 4-12-81                                                                                                                                                                                                                        |                                          |                                                                                 |                              | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec 25, T29N, R5W                                                                  |                                               |                              |                 |
| 16. DATE T.D. REACHED 4-20-81                                                                                                                                                                                                                   |                                          |                                                                                 |                              | 12. COUNTY OR PARISH<br>Rio Arriba                                                                                                      |                                               |                              |                 |
| 17. DATE COMPL. (Ready to prod.) PC 6-16-81 MV 6-30-81                                                                                                                                                                                          |                                          |                                                                                 |                              | 13. STATE<br>N.M.                                                                                                                       |                                               |                              |                 |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6795' GR                                                                                                                                                                                                |                                          |                                                                                 |                              | 19. ELEV. CASINGHEAD -                                                                                                                  |                                               |                              |                 |
| 20. TOTAL DEPTH, MD & TVD 6195'                                                                                                                                                                                                                 |                                          | 21. PLUG, BACK T.D., MD & TVD MV 6118' PC 3850'                                 |                              | 22. IF MULTIPLE COMPL., HOW MANY* 2                                                                                                     |                                               |                              |                 |
| 23. INTERVALS DRILLED BY ALL                                                                                                                                                                                                                    |                                          |                                                                                 |                              | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>Pictured Cliffs 3638' - 3795' Mesa Verde 5610' - 6070' |                                               |                              |                 |
| 25. WAS DIRECTIONAL SURVEY MADE Yes                                                                                                                                                                                                             |                                          |                                                                                 |                              | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>IES, Neutron, Density, Gamma Ray Logs.                                                          |                                               |                              |                 |
| 27. WAS WELL CORED NO                                                                                                                                                                                                                           |                                          |                                                                                 |                              | 28. CASING RECORD (Report all strings set in well)                                                                                      |                                               |                              |                 |
| Casing Size                                                                                                                                                                                                                                     |                                          | Weight, lb./ft.                                                                 | Depth Set (MD)               | Hole Size                                                                                                                               | Cementing Record                              | Amount Pulled                |                 |
| 9-5/8"                                                                                                                                                                                                                                          | 36#                                      | 198'                                                                            | 12-1/4"                      | 115 sx                                                                                                                                  | 5 bbls                                        |                              |                 |
| 7"                                                                                                                                                                                                                                              | 20#                                      | 4080'                                                                           | 8-3/4"                       | 160                                                                                                                                     |                                               |                              |                 |
| 4 1/2"                                                                                                                                                                                                                                          | 10.5                                     | 6195                                                                            | 6 1/4"                       | 230                                                                                                                                     |                                               | 1/2                          |                 |
| 29. LINER RECORD                                                                                                                                                                                                                                |                                          |                                                                                 |                              | 30. TUBING RECORD                                                                                                                       |                                               |                              |                 |
| Size                                                                                                                                                                                                                                            | Top (MD)                                 | Bottom (MD)                                                                     | Sacks Cement*                | Screen (MD)                                                                                                                             | Size                                          | Depth Set (MD)               | Packer Set (MD) |
| 4-1/2"                                                                                                                                                                                                                                          | 3884                                     | 6195                                                                            | 230                          |                                                                                                                                         | 2-3/8"                                        | 5900'                        |                 |
|                                                                                                                                                                                                                                                 |                                          |                                                                                 |                              |                                                                                                                                         | 1-1/4"                                        | 3708'                        | 3850'           |
| 31. PERFORATION RECORD (Interval, size and number)<br>PC - 12 .37" holes from 3638' - 3795'<br>MV - 24 .37" holes from 5610' - 6070'                                                                                                            |                                          |                                                                                 |                              | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                          |                                               |                              |                 |
| Depth Interval (MD)                                                                                                                                                                                                                             |                                          | Amount and Kind of Material Used                                                |                              |                                                                                                                                         |                                               |                              |                 |
| 3638'-3795'                                                                                                                                                                                                                                     |                                          | 11,750 gal fluid                                                                |                              |                                                                                                                                         |                                               |                              |                 |
|                                                                                                                                                                                                                                                 |                                          | 80,000# 20/40 sand                                                              |                              |                                                                                                                                         |                                               |                              |                 |
| 5610'-6070'                                                                                                                                                                                                                                     |                                          | 5,500 gal fluid                                                                 |                              |                                                                                                                                         |                                               |                              |                 |
|                                                                                                                                                                                                                                                 |                                          | 50,000# 10/20 sand                                                              |                              |                                                                                                                                         |                                               |                              |                 |
| 33.* PRODUCTION                                                                                                                                                                                                                                 |                                          |                                                                                 |                              |                                                                                                                                         |                                               |                              |                 |
| DATE FIRST PRODUCTION<br>N/A                                                                                                                                                                                                                    |                                          | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                              |                                                                                                                                         | WELL STATUS (Producing or shut-in)<br>Shut in |                              |                 |
| DATE OF TEST<br>MV 6-23-81<br>PC 6-30-81                                                                                                                                                                                                        | HOURS TESTED<br>3 hrs                    | CHOKE SIZE<br>2" X.750"                                                         | PROD'N. FOR TEST PERIOD<br>— | OIL—BBL.<br>MV CV 2023<br>PC CV 2301                                                                                                    | GAS—MCF.<br>MV AOF 2170<br>PC AOF 4246        | WATER—BBL.<br>-              |                 |
| FLOW. TUBING PRESS.<br>MV 157 psig<br>PC 172 psig                                                                                                                                                                                               | CASING PRESSURE<br>MV Pkr<br>PC 772 psig | CALCULATED 24-HOUR RATE<br>—                                                    | OIL—BBL.<br>-                | GAS—MCF.<br>-                                                                                                                           | WATER—BBL.<br>-                               | OIL GRAVITY-API (CORR.)<br>- |                 |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented                                                                                                                                                                            |                                          |                                                                                 |                              |                                                                                                                                         |                                               | TEST WITNESSED BY            |                 |
| 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<br>Donna J. Brace                                                                                                                                                                                                                        |                                          | TITLE<br>Production Clerk                                                       |                              |                                                                                                                                         | DATE<br>7-13-81                               |                              |                 |

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

NMOCC

# 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 23, below regarding separate reports for separate completions.

**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. 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.)

| 37. SUMMARY OF POROUS ZONES:                                                                                                                                                                                       |       |        | 38. GEOLOGIC MARKERS |             |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|----------------------|-------------|------------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CURED 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 | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| Pictured Cliffs                                                                                                                                                                                                    | 3592' |        | Ojo Alamo            |             |                  |
| Mesa Verde                                                                                                                                                                                                         | 5945' |        | Kirtland             |             |                  |
| Total Depth                                                                                                                                                                                                        | 6195' |        | Fruitland            | 3387'       |                  |
|                                                                                                                                                                                                                    |       |        | Pictured Cliffs      | 3592'       |                  |
|                                                                                                                                                                                                                    |       |        | Lewis                | 3885'       |                  |
|                                                                                                                                                                                                                    |       |        | Cliffhouse           | 5615'       |                  |
|                                                                                                                                                                                                                    |       |        | Menefee              | 5660'       |                  |
|                                                                                                                                                                                                                    |       |        | Point Lookout        | 5945'       |                  |
|                                                                                                                                                                                                                    |       |        | Total Depth          | 6195'       |                  |