

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 83518  |  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other <input type="checkbox"/> |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME   |  |
| 2. NAME OF OPERATOR<br>Giant Exploration & Production Company  |  | 7. UNIT AGREEMENT NAME   |  |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 2810, Farmington, NM 87499  |  | 8. FARM OR LEASE NAME<br>North Bisti Coal 21   |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1295' FSL, 1180' FWL, Sec. 21, T26N, R12W<br>At top prod. interval reported below<br>At total depth<br>API #30-045-28242          |  | 9. WELL NO.<br>1   |  |
| 14. PERMIT NO.   |  | 10. FIELD AND POOL, OR WILDCAT<br>Basin Fruitland Coal   |  |
| DATE ISSUED  |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 21, T26N, R12W                       |  |
| 15. DATE SPUDDED<br>10-08-90   |  | 12. COUNTY OR PARISH<br>San Juan   |  |
| 16. DATE T.D. REACHED<br>10-10-90  |  | 13. STATE<br>NM  |  |
| 17. DATE COMPL. (Ready to prod.)<br>03-21-91   |  | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>6044' GR  |  |
| 20. TOTAL DEPTH, MD & TVD<br>1275'   |  | 19. ELEV. CASINGHEAD   |  |
| 21. PLUG, BACK T.D., MD & TVD<br>1217.97'  |  | 22. IF MULTIPLE COMPL., HOW MANY*<br>N/A   |  |
| 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS  |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>1086' - 1104' |  |
| 25. WAS DIRECTIONAL SURVEY MADE<br>Yes   |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Compensated Density-Neutron Logs                       |  |
| 27. WAS WELL CORED<br>No   |  | 28. CASING RECORD (Report all strings set in well)   |  |

| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD         | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|--------------------------|---------------|
| 7 "         | 20#             | 132.23'        | 8 3/4"    | See Exhibit "A" Attached |               |
| 4 1/2"      | 9.5#            | 1261.54'       | 6 1/4"    | See Exhibit "A" Attached |               |

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 1 1/2" | 1086'          |                 |

| PERFORATION RECORD (Interval, size and number) | ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   |
|--|--|
| 1086' - 1104' .40" 72 holes                    | DEPTH INTERVAL (MD)<br>1086' - 1104'   |
|  | AMOUNT AND KIND OF MATERIAL USED<br>Fraced with 1280# 40/70<br>Arizona Sand, 56,320# 12/20<br>Arizona Sand, & 520 bbls slurry. |

|  |                       |   |                              |                |                  |  |                      |
|--|-----------------------|---|------------------------------|----------------|------------------|--|----------------------|
| 33.* PRODUCTION  |                       |   |                              |                |                  |  |                      |
| DATE FIRST PRODUCTION<br>03-21-91  |                       | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                              |                |                  | WELL STATUS (Producing or shut-in)<br>SI-Waiting on Pipeline |                      |
| DATE OF TEST<br>05-22-91   | HOURS TESTED<br>24    | CHOKE SIZE<br>1/4"  | PROD'N. FOR TEST PERIOD<br>→ | OIL—BBL.<br>0  | GAS—MCF.<br>36   | WATER—BBL.<br>45   | GAS-OIL RATIO<br>N/A |
| FLOW. TUBING PRESS.<br>42  | CASINO PRESSURE<br>94 | CALCULATED 24-HOUR RATE<br>→  | OIL—BBL.<br>0                | GAS—MCF.<br>36 | WATER—BBL.<br>45 | OIL GRAVITY-API (CORR.)<br>N/A                               |                      |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>To Be Sold |                       |   |                              |                |                  | 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 Aldrich L. Kuchera TITLE President

DATE MAY 31 1991

\*(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):

38. GEOLOGIC MARKERS

| FORMATION            | TOP    | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP         |                  |
|----------------------|--------|--------|-----------------------------|------|-------------|------------------|
|                      |        |        |                             |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Fruitland            | 973'   |        |                             |      |             |                  |
| Basal Fruitland Coal | 1,096' |        |                             |      |             |                  |
| Pictured Cliffs      | 1,105' |        |                             |      |             |                  |

CONFIDENTIAL

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GIANT EXPLORATION & PRODUCTION COMPANY  
NORTH BISTI COAL 21 WELL NO. 1  
1295' FSL, 1180' FWL  
SEC. 21, T26N, R12W  
LEASE NO. NM 83518  
SAN JUAN COUNTY, NEW MEXICO  
EXHIBIT "A"

CONFIDENTIAL

CEMENTING RECORD

- Surface Casing - Mixed and pumped 60 sks. (70.8 cu. ft.)  
of Class "B" cement containing 2%  $\text{CaCl}_2$   
and 1/4#/sk. cellophane flakes. Cement  
circulated to surface.
- Production Casing - Mixed and pumped 70 sks. (144 cu. ft.)  
Class "B" cement containing 2%  
Thriftyment and 1/4#/sk. cellophane  
flakes. Tailed in with 70 sks. (82.6 cu.  
ft.) Class "B" cement containing 2%  $\text{CaCl}_2$   
and 1/4#/sk. cellophane flakes. Cement  
circulated to surface.