## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| - •   | es and Reports on Wells   |                            |   |
|---|---|----------------------------|---|
|   |   | 5.<br>6.                   | Lease Number<br>NMSF-079519A<br>If Indian, All. o |
| Type of Well<br>GAS   | 13 14 15 16 D   |                            | Tribe Name  |
| Name of Operator  | FEB 2002  | 7.                         | Unit Agreement Na                                 |
| BURLINGTON  | GAS COMPANY CALOCAL DAY   | 02122                      | San Juan 28-5 Un:                                 |
| Address & Phone No. of Operato  | DATE  | <i>∑</i> } 8. ∶            | Well Name & Number<br>San Juan 28-5 U             |
| PO Box 4289, Farmington, NM   | 87499 (505) 326-9700  | 9.                         | <b>API Well No.</b> 30-039-23815                  |
| Location of Well, Footage, Sec<br>990'FNL, 1650'FWL, Sec.21, T-2                        | ., T, R, M<br>8-N, R-5-W, NMPM  |                            | Field and Pool Blanco MV/Basin                    |
| 333 I.I., III.  |   | 11.                        | County and State<br>Rio Arriba Co, N              |
| CHECK APPROPRIATE BOX TO INDI   | CATE NATURE OF NOTICE, RE   | PORT, OTHER                | DATA  |
| Type of Submission X Notice of Intent   |   | hange of Pl<br>ew Construc | ans   |
| Subsequent Report   | Plugging Back N   | on-Routine<br>ater Shut o  | Fracturing  |
|   | Casing Repair WAltering Casing C  | onversion t                | o Injection                                       |
| Final Abandonment   | X Other - Commingle   |                            |   |
| . Describe Proposed or Comple   | X Other - Commingle   |                            |   |
| Describe Proposed or Comple   | X Other - Commingle   | ng to the a                | ttached procedure                                 |
| Describe Proposed or Comple  It is intended to commingle  New Mexico Oil Cons           | X Other - Commingle  eted Operations  a the subject well accordi                            | ng to the a<br>5 is in pla | ttached procedure                                 |
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| Describe Proposed or Complete It is intended to commingle New Mexico Oil Conscommingle. | x Other - Commingle  eted Operations  e the subject well accordi ervation Division DHC-2049 | 5 IS IN PIA                | ttached procedure                                 |
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

1/30/2002 Commingle Procedure

## Summary/Recommendation:

SAN JUAN 28-5 UNIT 76M was drilled and completed as a MV/DK dual producer in 1985. In order to optimize production it is recommended to remove the packer and produce both zones up the DK 2-3/8" tubing string. Currently, the Mesaverde is producing 75 MCF/D and production from the Dakota is 75 MCF/D. Anticipated uplift is 75 MCF/D from the Mesaverde and 55 MCF/D from the Dakota.

## NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 12'.

- 1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify BROG Regulatory (Peggy Cole 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement.
- 2. Broach tbg and set tbg plug in SN at 7916' on the Dakota string. To ensure the tbg plug is held in place, fill tbg with half of volume with 2% KCL MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. (A single-tubing donut and WH for 2-3/8" tubing will be needed.) Test secondary seal and replace/install as necessary.
- 3. Pick up 1-1/2" tubing and RIH to the top of the Model "D" packer (at 6144') and check for fill. If fill is encountered, TOOH w/ 1-1/4" tubing and LD perforated joint. TIH w/ 1-1/2" tubing and circulate any fill off packer. TOOH laying down 1-1/2", 2.9#, J-55 MV tubing (set at 6052').
- 4. Release Baker G-22 seal assembly from the Model D Packer with straight pickup (no rotation required). If seal assembly will not come free, then cut 2-3/8" tubing above the packer and fish with overshot and jars. TOOH and stand back 2-3/8", 4.7#, J-55 Dakota tubing set at 7948' (SN @ 7916'). LD seal assembly. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
- 5. PU and TIH with Model CK packer retrieval spear (PRS, with holes drilled near rotary shoe), rotary shoe, drain sub, top bushing, bumper sub, jars, and 4-6 drill collars on 2-3/8", 4.7#, J-55, EUE tubing. Mill out Model D packer at 6144' with air/mist. Note: when using air/mist, the minimum mist rate is 12 bph. After milling over the packer slips, POOH with tools and packer body.
- 6. TIH with 3-7/8" bit and watermelon mill on 2-3/8" tubing. Cleanout to PBTD at +/- 8036' with air/mist. NOTE: When using air/mist, minimum mist rate is 12 bph. If scale is present, contact Operations Engineer and Drilling Superintendent to determine methodology for removing scale from casing and perforations. TOOH w/ tubing.
- 7. TIH with an expendable check on bottom, seating nipple, one joint 2-3/8", 2' x 2-3/8" pup joint, then ½ of the 2-3/8" tubing. Run a broach on sandline to ensure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace bad joints as necessary. CO to PBTD with air/mist using a minimum mist rate of 12 bph. Alternate blow and flow periods at PBTD to check water and sand production rates.
- 8. Land tubing at approximately 7948'. ND BOP and NU single-tubing hanger WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. If well will not flow on its own, make swab run to seating nipple. (...continued on page 2)

During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production. RD and MOL. Return well to production.

Approved: Brucel

Matt Roberts

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