| submitted     | ın | ⊥ieu | ot | Form      | 3160-5  |
|---------------|----|------|----|-----------|---------|
| a Dawing Coca |    |      |    | - 0 - 111 | 3 = 0 0 |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

|  | Sundry Notices and Rep  | ports on Wells                                  |  | /               |  |
|--|---|---|--|-----------------|--|
| 1  | Type of Well  |   |  | 5.<br>6.        | Lease Number<br>NMNM-03863<br>If Indian, All. or       |
| 1.   | GAS   |   |  |                 | Tribe Name   |
| 2.   | Name of Operator  |   |  | 7.              | Unit Agreement Name                                    |
|  | BURLINGTON<br>RESCURCES OIL   | . & GAS COMPANY LI                              | P  |                 | San Juan 28-4 Unit #14                                 |
|  | A11 0 DI N 60   |   |  | <del>-</del> 8. | Well Name & Number                                     |
| <ol> <li>Address &amp; Phone No. of Operator</li> <li>PO Box 4289, Farmington, NM 87499 (505) 326-9700</li> </ol>              |   |   |  |                 | San Juan 28-4 Unit #14<br>API Well No.                 |
| 4. Location of Well, Footage, Sec., T, R, M Sec., T—N, R—W, NMPM  Unit H (SENE), 1850' FNL & 800' FEL, Sec. 29, T28N, R4W NMPM |   |   |  |                 | 30-039-07319<br>Field and Pool                         |
|  |   |   |  |                 | Blanco Mesaverde<br>County and State<br>Rio Arriba, NM |
| 12.  | CHECK APPROPRIATE BO  | OX TO INDICATE NAT                              | TURE OF NOTICE, REPORT, O  | THER I          | DATA   |
|  | ype of Submission:  Notice of Intent  | Type of Action:  ☑ Abandonment                  | ☐ Change of Plans  | □ Ot            | ther:  |
|  | Subsequent Report   | ☐ Recompletion<br>☐ Plugging<br>☐ Casing Repair | <ul><li>☐ New Construction</li><li>☐ Non-Routine Fracturing</li><li>☐ Water Shut-off</li></ul>   |                 |  |
|  | Final Abandonment   | ☐ Altering Casing                               | Conversion to Injection  |                 |  |
|  | Describe Proposed or Comp   | -   | to the attached procedure and well   | horo dia        |  |
| At 1   | s interior to Fing & Abandon E  | ne subject wen decording                        | to the attached procedure and wen  | bore dia        | 13 rd 15   |
|  |   |   |  |                 | 2.3<br>. 1   |
|  |   |   |  |                 | 2  |
| 14   | . I hereby certify that the fore  | going is true and correc                        | t.   |                 |  |
| Sig  | ned Muleum W  | Muffel Philana Th                               | ompson Title Regulator   | y Associ        | ate II Date 10/24/2005                                 |
| AP<br>CC   | nis space for Federal or State Of<br>PROVED BYOriginal Signed:<br>ONDITION OF APPROVAL, if<br>18 U.S.C. Section 1001, makes it a crime for any pe | Stephen Mason Title any:                        | 20 20 20   |                 | Date   |
| the U  | In the States any false, fictitious or fraudulent statem  | ents or representations as to any matter wit    | Oct 2005 Oct | 356780          | è  |
|  |   |   | NMOCD SEVERILL   | •               |  |

## SAN JUAN 28-4 UNIT 14 MV

Plug and Abandon Wellbore

Township 028N Range 004W Section 029 1850 FNL & 800 FEL Latitude N36 deg 38.0' and Longitude W107 deg 16.1' RIO ARRIBA COUNTY, NM

GL: 7364' KB: 7375'

Note: All cement volumes use 100% excess outside casing and 50 foot excess inside casing. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. Correlate at wireline depths to All 517 sx of cement will be ASTM Type III neat cement (yield 1.32 cuft/sk).

- 1. Install and/or test rig anchors. Prepare and line blow pit. Comply with all BLM, NMOCD and Burlington safety rules and regulations. MO and RU daylight pulling unit. ND wellhead and NU BOP, test BOP.
- 2. TOH and tally 2-3/8" EUE tubing, total 6693'. Visually inspect tubing and if necessary use a workstring. Round-trip 5 1/2" gauge ring or casing scraper to 6142' and 7 5/8" gauge ring or scraper to liner top at 4461'.
- 3. <u>Plug #1</u> (Mesa Verde perforations and top, 6092-6042'): TIH and set a 5 1/2" cement retainer at 6092'. Load the casing with water and circulate well clean. Pressure test 7" casing to 500#. If casing does not test, PU 7 5/8" packer. TIH to 3900' and test casing and retainer. Spot or tag subsequent plugs as appropriate. Mix and pump 22 sx Type III cement inside casing above CR to isolate the Mesa Verde interval. TOH with tubing.
- 4. <u>Plug #2</u> (Intermediate shoe and Pictured Cliffs top, 4515' 4305'): Perforate 3 squeeze holes at 4515'. Set 7 5/8" retainer @ 4305'. Establish rate into squeeze holes. Mix and pump 58 sx Type III cement, squeeze 58 sx below the plug. TOH with tubing. \$ 976 '
- 5. <u>Plug #3</u> (Pictured Cliffs plug and Fruitland top, 4295' 4080'): Perforate 3 squeeze holes at 4295'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7 5/8" cement retainer at 4130'. Establish rate into squeeze holes. Mix and pump 125 sx Type III cement, squeeze 164 sx below the retainer and leave 25 sx top of retainer. PUH to 3870' and reverse clean. TOH with tubing.
- 6. <u>Plug #4</u> (Kirtland and Ojo Alamo tops, 3905' 3640'): Perforate 3 squeeze holes at 3905'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7 5/8" cement retainer at 3855'. Establish rate into squeeze holes. Mix and pump 151 sx Type III cement, squeeze 97 sx below the plug and leave 54 sx on top of retainer. PU to 2450' and reverse clean. TOH with tubing.
- 7. <u>Plug #5</u> (Nacimiento top, 2480' 2380'): Perforate 3 squeeze holes at 2480'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7 5/8" cement retainer at 2430'. Establish rate into squeeze holes. Mix and pump 65 sx Type III cement, squeeze 44 sx below plug and leave 21 sx on top of retainer. TOH and LD tubing.
- 8. Plug #6 (10 3/4" Surface casing, 222' Surface): Perforate 3 squeeze holes at 222'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 96 sx Type III cement down the 7 5/8" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
- 9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

 Recommended
 Approved

 BAE Engineer
 Christy McMullan
 Sr. Rig Supervisor John Angvick

 Office
 (505) 324-6163
 Office
 (505) 326-9840

 Cell
 (505) 793-6296
 Cell
 (505) 320-2420

 Foreman
 Richard Lopez
 Lease Operator
 Steve Baird

 Office
 (505) 324-6147
 Mobile
 (505) 320-2511

 Cell
 (505) 320-9539
 Pager
 (505) 324-4215

à

SPUD DATE: 12/6/57 COMPLETION DATE: 5/19/58 SAN JUAN 28-4 UNIT 14 MV

Township 028N Range 004W Section 029 1850 FNL & 800 FEL RIO ARRIBA COUNTY, NM

**Proposed Wellbore** 

API: AIN: 30039073190000

5001901

**FORMATION TOPS:** 

2430' Naciemento Ojo Alamo 3690' Kirtland 3855 Fruitland Coal 4130 Pictured Cliffs 4305 4445' Lewis Cliff House 6095' Menefee 6160

Plug #6: 222-Surface Perforate @ 222'

6462 Point Lookout Mancos 6680

**WORKOVER HISTORY:** 

1/10/96: AFE for Combination Dehydrator, fiberglass pit, 300 bbl tank, and piston installation

Plug #5: 2480-2380' Naciemneto Perforate @ 2480' retainer @ 2430' with 65 sx 44 sx below plug 21 sx above plug

Plug #4: 3905-3640' Kirtland/Ojo Alamo Perforate @ 3905' retainer set @ 3855' with 151 sx 97 sx below plug 54 sx above plug

Plug #3: 4295-4080' Fruitland and Picture Cliffs Perforate @ 4295' retainer set @ 4130' with 125 sx 104 sx below plug 21 sx above plug

Plug #2: 4515-4305' Intermediate Shoe thru Pictured Cliffs Perforate @ 4515' with retainer set @ 4305' Inside plug with 58 sx

7 5/8" 26.4# set @ 4497' Cemented with 250 sx to 4302' (TS)

**STATUS: ING EVALUATION** 

Cemented with 150 sx to surf. (circ.)

10 3/4" 32.75# set @ 172'

**TUBING RECORD:** 2" 6701 Seating nipple @ 1/27/58

5 1/2" 15.5# set from 4461' to 6736' Cemented with 300 sx to 4530' (TS)



PBTD: 6703' TOTAL DEPTH: 6740

Plug #1: 6092-6042' (Mesa Verde) retainer set @ 6092' Spot 22 sx

Cliffhouse and Upper PL: (6142-6574') 49,700 gal water 37,380# sand 6142-60, 6462-78, 6498-6516, 6544-54, 6566-74 Lower Point Lookout: (6600-6690') 42,600 gal water 23,160# sand 6600-10, 6614-20, 6630-40 6662-74, 6684-90

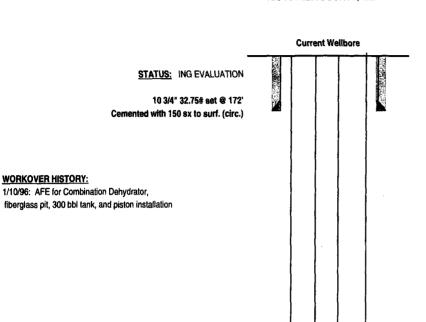
SPUD DATE: 12/6/57 COMPLETION DATE: 5/19/58 SAN JUAN 28-4 UNIT 14 MV

Township 028N Range 004W Section 029 1850 FNL & 800 FEL RIO ARRIBA COUNTY, NM API: AIN: 30039073190000

5001901

FORMATION TOPS:

Naciemento 2430 Ojo Alamo 3690 Kirtland 3855 Fruitland Coal 4130' **Pictured Cliffs** 4305 4445' Lewis Cliff House 6095 Menefee 6160' Point Lookout 6462' 6680 Mancos



7 5/8" 26.4# set @ 4497' Cemented with 250 sx to 4302' (TS)

> TUBING RECORD: 2" 6701 Seating nipple @

> > 1/27/58

5 1/2" 15.5# set from 4461' to 6736' Cemented with 300 sx to 4530' (TS) Ciiffhouse and Upper PL: (6142-6574') 49,700 gai water 37,380# sand 6142-60, 6462-78, 6498-6516, 6544-54, 6566-74 Lower Point Lookout: (6800-6690') 42,600 gal water 23,160# sand 6600-10, 6614-20, 6630-40 6662-74, 6684-90

PBTD: 6703' TOTAL DEPTH: 6740'