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

2. Name of Operator  RESOURCE  OIL & GAS COMPANY  8. Well Name & Number  Howell A #303  PO Box 4289, Farmington, NM 87499 (505) 326-9700  9. API Well No.  30-045-28746  4. Location of Well, Footage, Sec., T, R, M  10. Field and Pool	Sundry Not	ices and Reports on Wel	lls	<del></del>
1. Type of Well  GAS  7. Unit Agreement Name  8. Well Name & Number Howell A \$303  9. API Well No. 30-045-28746  10. Pield and Pool  10. Basin Fruitland Coo.  11. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Submission  12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Submission  13. Notice of Intent  14. Recompletion  15. Change of Plans  16. Well Name & Number Howell A \$303  9. API Well No. 30-045-28746  10. Pield and Pool  11. Basin Pruitland Coo.  11. County and State  12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Submission  14. Abandonment  15. Recompletion  16. Well Name & Number  Howell A \$303  9. API Well No. 30-045-28746  10. Pield and Pool  11. Basin Pruitland Coo.  11. Change of Plans  12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Submission  15. Well Name & Number  16. Well Name & Number  Howell A \$303  9. API Well No. 30-045-28746  10. Pield and Pool  11. Basin Pruitland Coo.  11. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Action  12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Action  16. Well Name & Number  Howell A \$303  17. Describe Proposed on Completed Propaging Sect.  18. Well Name & Number  19. APPROVED BY  19. Approved Letter and Correct.  The Recompletion of Plans  19. Approved Letter and Correct.  The Recompletion of Plans  19. Approved Letter and Correct.  The Recompletion of Plans  19. Approved Letter and Correct.  10. Approved Letter and Correct.  10. Approved Letter and Correct.  10.			5.	
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APPROVED BY Title Date//8/V/	Signed Jammy Limes	Title Regulato	ry Supervisor Da	te 8/30/01 TLW
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## PLUG AND ABANDONMENT PROCEDURE

### Howell A #303

AIN #2881901 **Basin Fruitland Coal** 

790' FNL and 1850' FEL / NE, Sec. 8, T30N, R8W SJ County, New Mexico API #30-045-28746 Long: 107 Deg 24.864 / Lat: 36 Deg 29.7

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

- Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and 1. regulations. ND wellhead and NU BOP, test BOP.
- TOH and tally 2-3/8" EUE tubing with F-nipple, total 3062'. Visually inspect tubing; if necessary LD and PU 2. workstring. Round-trip 7" gauge ring or casing scraper to 2801', or as deep as possible.
- Plug #1 (Fruitland Coal open hole interval and top, 2801' 2701'): Set 7" wireline CIBP excement retainer with 3. tubing at 2801'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 29 sxs cement and spot a balanced plug above the CIBP inside the casing to isolate the Fruitland Coal zone. PUH to 2180'.
- Plug #2 (Kirtland and Ojo Alamo tops, 2180'- 1890'): Mix 66 sxs cement and spot a balanced plug inside casing 4. to cover the Kirtland and Ojo Alamo tops. PUH to 800'.
- Plug #3 (Nacimiento top, 800'- 700'): Mix 29 sxs cement and spot a balanced plug inside casing to cover the 5. Nacimiento top. PUH to 283'.
- Plug #4 (9-5/8" surface casing, 283' Surface): Mix and spot a balanced plug with approximately 60 sxs cement 6. from 283' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC.

ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move 7. off location, cut off anchors and restore location.

Recommended:

Approved:

ancy Oltmanns Required: Yes No\_\_\_

Drilling Superintendenty 8-79.01

Reg Approval:

Kevin W Book

BR Office - 326-9530

Pager - 326-8452 Home - 326-6236

Lease Operator: Rick McDaniel

Foreman:

Operations Engineer:

Hans Dube

Cell:

Office:

320-2549 326-9818

326-8777 Pager:

Cell:

320-4925

Pager: 949-2664

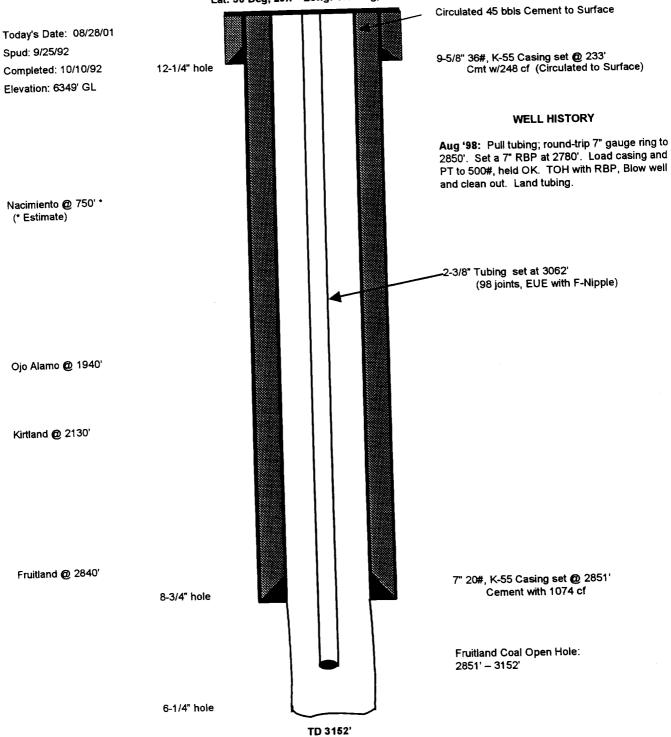
# Howell A #303 Current

## AIN #2881901

#### **Basin Fruitland Coal**

NE, Section 8, T-30-N, R-8-W, San Juan County, NM API # 30-045-28746

Lat: 36 Deg, 29.7 Long: 107 Deg, 24.864



## Howell A #303

## Proposed P&A AIN #2881901

#### **Basin Fruitland Coal**

NE, Section 8, T-30-N, R-8-W, San Juan County, NM API # 30-045-28746

Lat: 36 Deg, 29.7 Long: 107 Deg, 24.864

Today's Date: 08/28/01

Spud: 9/25/92

Completed: 10/10/92

Elevation: 6349' GL

12-1/4" hole

Circulated 45 bbls Cement to Surface

9-5/8" 36#, K-55 Casing set **@** 233' Cmt w/248 cf (Circulated to Surface)

Plug #4 283' - Surface Cement with 60 sxs

Plug #3 800' - 700' Cement with 29 sxs

Plug #2 2180' - 1890' Cement with 66 sxs

Plug #1 2801' - 2701' Cement with 29 sxs

Set CIBP @ 2801'

7" 20#, K-55 Casing set @ 2851' Cement with 1074 cf

Fruitland Coal Open Hole: 2851' - 3152'

Nacimiento @ 750' \* (\* Estimate)

Ojo Alamo @ 1940'

Kirtland @ 2130'

Fruitland @ 2840'

8-3/4" hole

6-1/4" hole

TD 3152'