State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division

Sundry Notices and Reports on Wells		
		API # (assigned by OCD) 30-045-27304
1. Type of Well		5. Lease Number
GAS	45 78 29 30 37 P	Fee
		6. State Oil&Gas Lease
2. Name of Operator BURLINGTON	100 100 100 100 100 100 100 100 100 100	7. Lease Name/Unit Name
RESCURCES OIL & GAS (COMPANY LP	Culpepper Martin
2 Address C Dhara Way of Oracod		8. Well No. 102
3. Address & Phone No. of Operat PO Box 4289, Farmington, NM		9. Pool Name or Wildcat Basin Fruitland Coal
4. Location of Well, Footage, Se	C. T. R. M	10. Elevation:
	-32-N, R-12-W, NMPM, San Juan (
Type of Submission	Type of Action	
/ X Notice of Intent		e of Plans
Subsequent Report		onstruction outine Fracturing
Subsequenc Report		Shut off
Final Abandonment		sion to Injection
	Other -	
13. Describe Proposed or Compl		
procedure and well	bore diagram.	
(This space for State Use) Approved by	Senior Staff Specialist Title	

Culpepper Martin #102 – Fruitland Coal

PLUG AND ABANDONMENT PROCEDURE 1775' FSL & 1690' FWL

SW, Section 21, T-32-N, R-12-W Latitude: N 36^ 58.134', Longitude: W 108^ 6.246'

AIN: 380001 8/30/2004

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.

All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

- 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. PU on rods and unseat pump. Reseat pump and pressure test tubing to 1000#. TOH and LD rods and pump. ND wellhead and NU BOP, test BOP.
- 2. TOH and tally 75 joints 2-3/8" EUE tubing, total 2362'. Visually inspect tubing and if necessary use a workstring. Round-trip 4-1/2" gauge ring or casing scraper into the liner top at 2027' and down to 2200'.
- 3. Plug #1 (Fruitland Coal perforations, 2183' 2083'): TIH and set a 4-1/2" cement retainer at 2183'. Load the casing with water and circulate the well clean. Pressure test the casing to 1000#. Mix 11 sxs Type III cement and spot a balanced plug above the retainer to 2083' to isolate Fruitland perforations. PUH to 2235'.
- 4. Plug #2 (7" casing shoe, 4-1/2" liner top and Fruitland top, \$235" 1919'): Mix 43 sxs Type III cement and spot balanced plug inside casing to cover the casing shoe and Fruitland top. PUH to 405'.
- 5. Plug #3 (Kirtland top and Surface, 405' 0'): Mix 75 sxs Type III cement and spot balanced plug inside casing, circulate good cement out casing valve. TOH and LD tubing.
- 7. 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:

perations Engineer

Approved:

orking Manager

Sundry Required:

(IE3

Approved:

Regulatory

Operations Engineer: Julian Carrillo

Foreman: Ken Raybon

Lease Operator: Rick McDaniel

Specialist: Mick Ferrari

Office:599-4043 Cell: Office:326-9804 Cell:

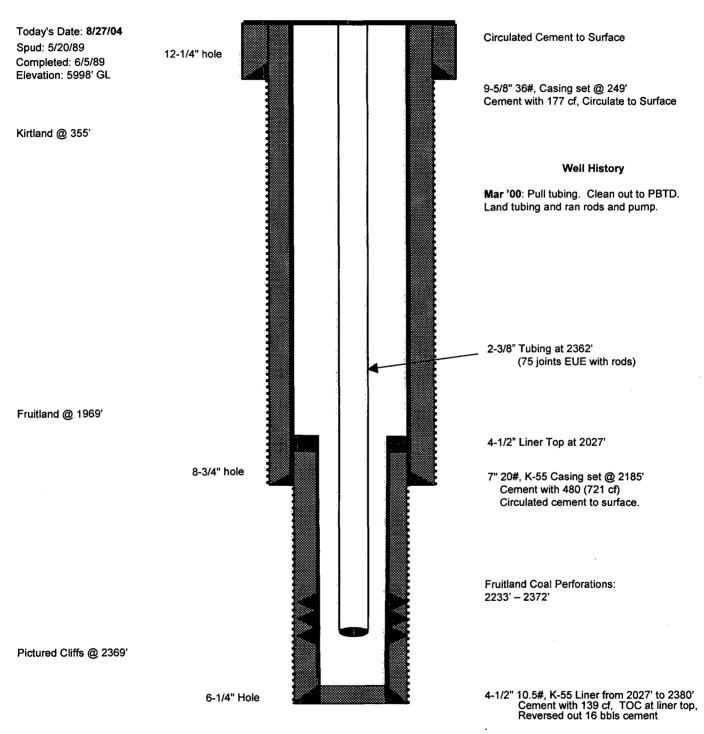
320-0321 320-0104

Cell: 320-2549 Pager: 326-8777 Cell: 320-2508 Pager: 326-8865

Culpepper Martin #102

Basin Fruitland Coal / AIN #380001

SW, Section 21, T-32-N, R-12-W, San Juan County, NM Long: N 36^ 58.134' / Lat: W 108^ 6.246' /API #30-045-27304



Culpepper Martin #102

Proposed P & A

Basin Fruitland Coal / AIN #380001

SW, Section 21, T-32-N, R-12-W, San Juan County, NM Long: N 36^ 58.134' / Lat: W 108^ 6.246' /API #30-045-27304

Today's Date: **8/27/04** Spud: 5/20/89 Completed: 6/5/89

12-1/4" hole

Circulated Cement to Surface

Completed: 6/5/89 Elevation: 5998' GL

9-5/8" 36#, Casing set @ 249' Cement with 177 cf, Circulate to Surface

Kirtland @ 355'

Plug #3: 405' – Surface Type III cement, 75 sxs

Fruitland @ 1969'

8-3/4" hole

4-1/2" Liner Top at 2027'

7" 20#, K-55 Casing set @ 2185' Cement with 480 (721 cf) Circulated cement to surface.

Set CR @ 2183'

Plug #1: 2183' - 2083' Type III cement, 11 sxs

Plug #2: 2235' - 1919' Type III cement, 43 sxs

Fruitland Coal Perforations: 2233' – 2372'

Pictured Cliffs @ 2369'

6-1/4" Hole

4-1/2" 10.5#, K-55 Liner from 2027' to 2380' Cement with 139 cf, TOC at liner top, Reversed out 16 bbls cement

TD 2380'