UNITED STATES  DEPARTMENT OF THE INTERIOR  BUREAU OF LAND MANAGEMENT
 Sundry Notices and Reports o

5.	Lease Number
	NMSF-078951
6.	
7.	Unit Agreement Name
0	San Juan 29-7 Unit Well Name & Number
8.	San Juan 29-7 U #505R
9.	
10.	30-039-25588 Field and Pool
10.	Basin Fruitland Coal/
11.	Blanco Pictured Cliffs County and State
	Rio Arriba Co, NM
REPORT, OTHER	DATA
	ana
Non-Routine Fracturing	
CONVERSION C	o injection
all according t	o the attached
	8. 9. 10. 11.  REPORT, OTHER ion Change of Pl. New Construc

## PLUG AND ABANDONMENT PROCEDURE 5/30/02 San Juan 29-7 Unit #505R Pietured Cliffs / Basin Fruitland Coal AIN: 6118901

Pictured Cliffs / Basin Fruitland Coal AIN: 6118901 1850' FSL & 940' FEL,

Unit I, Section 05, T29N, R07W Lat: 36°45.18492', Long: 107°35.2632'

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. 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.

- 1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. Conduct safety meeting for all workers on location. MOL and RU pulling unit. Kill well with water as necessary. ND wellhead and NU BOP, test BOP. Prepare a 2-3/8" tubing workstring.
- 2. Plug #1 (Fruitland Coal interval and 7" casing shoe, 2773' 2605'): RIH with 7" gauge ring of casing scraper. TIH and set a 7" CR at 2655'. Pressure test tubing to 1000#. Establish rate below CR, then load well with water and circulate clean. Pressure test casing to 1000#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix and pump 55 sxs cement, squeeze 35 sxs below CR and spot 20 sxs above to fill the Fruitland Coal interval and to cover the 7" casing shoe and Fruitland top. TOOH and LD cement retainer stinger.
- Plug #2 (Kirtland and Ojo Alamo tops, 2150' 1870'): TIH to 2,150' open ended. Mix 64 sxs cement and spot balanced plug inside casing over Kirtland and Ojo Alamo tops. PUH to 940'.
- 4. Plug #3 (Nacimiento top, 940' 840'): Mix 29 sxs cement and spot balanced plug inside casing to cover Nacimiento top. PUH to 472'.
- Plug #4 (9-5/8" Surface casing shoe, 472' 372'): Attempt to pressure test the bradenhead annulus to 300#. If the bradenhead does not hold pressure, then perforate and circulate cement to surface. It the bradenhead test, then establish circulation out casing valve. Mix 29 sxs cement and spot a balanced plug inside the casing from 472' to 372' to cover the 9-5/8" casing shoe. PUH to 50'.
- 6. Plug #5 (9-5/8"36# Casing Shoe, 50' surface): Establish circulation out casing valve. Mix 12 sxs cement and spot a balanced plug inside the casing from 60' to surface, circulate cement out casing valve. TOH and LD tubing. Shut in well and WOC.

 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:

1:}

Operations Engineer

Approved: Druce W. Boyn 6.3.

Drilling Superintendent

Mike Wardinsky

Office - (599-4045) ... Cell - (320-5113)

Sundry Required:

Approved.

Pager: 326-8256

Specialist: Gabe Archibeque Foreman: Bruce Voiles

Cell: 320-2478 Cell: 320-2448

Pager: 327-8937

## San Juan 29-7 Unit #505R

## Proposed P&A

AIN #6118901 Pictured Cliffs / Basin Fruitland Coal SE, Section 5, T-29-N, R-7-W Rio Arriba County, NM

Plug #5: 50' - Surface Cement with 12 sxs

Today's Date: 05/30/02 Spud: 9/22/96 Completion: 10/11/96 Elevation: 6101' GL

6113' KB

Nacimiento @ 890'

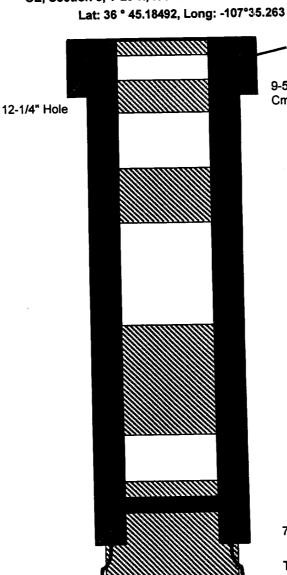
Ojo Alamo @ 1920'

Kirtland @ 2100'

Fruitland Coal @ 2655'

8-3/4" Hole

6-1/4" Hole



TD 3250'

Circulated 10 bbls cement to surface

9-5/8" 36#, K-55 Casing set @ 422' Cmt with 414 cf (Circulated to Surface)

> Plug #4: 472' - 372' Cement with 29 sxs

> Plug #3: 940' - 840' Cement with 29 sxs

Plug #2: 2150' - 1870' Cmt with 64 sxs

Plug #1: 2773' - 2605' Cement with 55 sxs, 35 sxs below CR and 20 sxs above.

Set CR at 2655'

7" 20#, K-55 Casing set @ 2705' Cement with 743 cf, Circulate 10 bbls.

Top of fish at 2760'

TOC below 2773', according to 3/02 CBL

2-7/8" 6.5#, J-55 Casing set @ 3250' Cement with 535 cf; no cement to surface; found casing bad at 2773' and parted it at 2760'.

Fruitland Coal Open Hole: 2705' - 3250'