

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
1150'FNL, 890'FEL, Sec.20, T-28-N, R-4-W, NMPM

5. Lease Number
SF-079729
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 28-4 Unit
8. Well Name & Number
San Juan 28-4 U #17
9. API Well No.
30-039-07395
10. Field and Pool
Basin Fruitland Coal
11. County and State
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] (ROS8) Title Regulatory Affairs Date 10/31/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date

CONDITION OF APPROVAL, if any:

**APPROVED
AS AMENDED**

[Signature] **DISTRICT MANAGER**
NOV 02 1994

PLUG & ABANDONMENT PROCEDURE

San Juan 28-4 Unit NP #17
Basin Fruitland Coal
NE Section 20, T-28-N, R-04-W
Rio Arriba Co., New Mexico

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.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. Release Model R3 packer at 3075' (Unseat donut with continuous pickup. Pull up weight of 27,000#, get to freepoint. PU and unseat unloader seal. Let well equalize above and below packer. Pick up 28" to engage slip cage assembly. PU 5' after packer unseats, then go back down 5'. POOH). POH and tally the 2-3/8" tubing (4184'); LD packer and visually inspect the tubing, replace any bad joints.
4. **Plug #1 (Pictured Cliffs top and Fruitland Coal perforations):** RIH with open ended tubing to 4314' and tag bottom; pull up 5'; pump 20 bbls water down tubing. Mix 133 sx Class B cement (long plug, 50% excess) and spot balanced plug over Pictured Cliffs top and Fruitland perforations from 4314' - 3920'. POH to 3000' and WOC. RIH and tag cement. Pull above top of cement. Load well with water and circulate clean. Pressure test casing to 500#. POH to 3860'.
5. **Plug #2 (Kirtland and Ojo Alamo tops):** Mix 81 sx Class B cement and spot balanced plug from 3860' - 3550'. POH with tubing.
6. **Plug #3 (Nacimiento top):** Perforate 4 holes at 2030'. Establish rate into squeeze holes if casing tested. PU 7-5/8" cement retainer and RIH; set at 1980'. Establish rate into squeeze holes. Mix and pump 66 sx Class B cement, squeeze 43 sx cement below cement retainer over Nacimiento top and leave 23 sx cement inside casing to 1930'. POH to 344'.
7. **Plug #4 (Surface):** With tubing at 344' mix and pump approximately 78 sx Class B cement down tubing, circulate good cement out casing valve. POH and LD tubing. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing. Top off cement in 7-5/8" x 10-3/4" annulus if necessary. Install P&A marker with cement to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:


Operations Engineer

Approval:

Production Superintendent

PERTINENT DATA SHEET

WELLNAME: San Juan 28-4 Unit NP #17				DP NUMBER: 50164B PROP. NUMBER: 071121901																																											
WELL TYPE: Basin Fruitland Coal				ELEVATION: GL: 7330' KB: 7342'																																											
LOCATION: 1150' FNL 890' FEL NE Sec. 20, T28N, R4W Rio Arriba County, New Mexico				INITIAL POTENTIAL: AOF N/A SICP: N/A PSIG																																											
OWNERSHIP: <div style="display: flex; justify-content: space-between;"> <div> GW: 100.0000% NRI: 83.1250% </div> <div> DRILLING: </div> <div> SPUD DATE: 07-13-58 COMPLETED: 08-27-58 TOTAL DEPTH: 6690' PBTD: 4314' COTD: 4314' </div> </div>																																															
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>14-3/4" ?</td> <td>10-3/4"</td> <td>32.75#</td> <td></td> <td>294'</td> <td>-</td> <td>200 sx</td> <td>surface</td> </tr> <tr> <td>9-5/8"</td> <td>7-5/8"</td> <td>26.4#</td> <td>J-55</td> <td>4471'</td> <td>-</td> <td>250 sx</td> <td>3750'(TS)</td> </tr> <tr> <td>6-3/4"</td> <td>5-1/2" Liner</td> <td>15.5#</td> <td>J-55</td> <td>6684'</td> <td>-</td> <td>175 sx</td> <td>4443'(75%)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J-55</td> <td>4184'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-top: 5px;">Ran 1 jt 2-3/8", Seating Nipple. 14 jt 2-3/8", Baker R3 Packer. 116 jts 2-3/8", J-55, tbg set at 4184'</p>								HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	14-3/4" ?	10-3/4"	32.75#		294'	-	200 sx	surface	9-5/8"	7-5/8"	26.4#	J-55	4471'	-	250 sx	3750'(TS)	6-3/4"	5-1/2" Liner	15.5#	J-55	6684'	-	175 sx	4443'(75%)	Tubing	2-3/8"	4.7#	J-55	4184'			
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LOGGING: ML, GST Coal Log, CBL, EL-GR-NL-IL, GRN, TL, Natural Gamma Spectroscopy, Temp. Survey																																															
PERFORATIONS <p>MV: 6454' - 6634', w/2 SPF</p> <p>FTC: 4133' - 49', 4156' - 58', 4161' - 81', 4186' - 92', w/2 SPF, Total 88 holes</p>																																															
STIMULATION: <p>Frac w/10,000 gal. 40# linear gel and 86,642 gal 40# XL gel and 186,700# 20/40 sand. Avg. IR 36 BPM @ 1400 psi. Max. T.P. 4700, Min. T.P. 3280, flushed to top perf, ISIP 1675#.</p>																																															
WORKOVER HISTORY: <p>4/4/89 - 4/24/89: Recomplete MV to Fruitland Coal. Set Cmt Retainer @ 4402', cmt w/ 378 cf below retainer and spot 70' above retainer. Did several crmt squeezes and/or plugs to repair csg. Perforated Fruitland Coal.</p> <p>8/24/89 - 9/6/89: Frac Fruitland Coal. RIH w/2-3/8", 4.7#, J-55, tbg set @ 4184', set Baker R3 packer at 3705'. Swabbing.</p>																																															
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San Juan 28-4 Unit NP #17

CURRENT

Basin Fruitland Coal

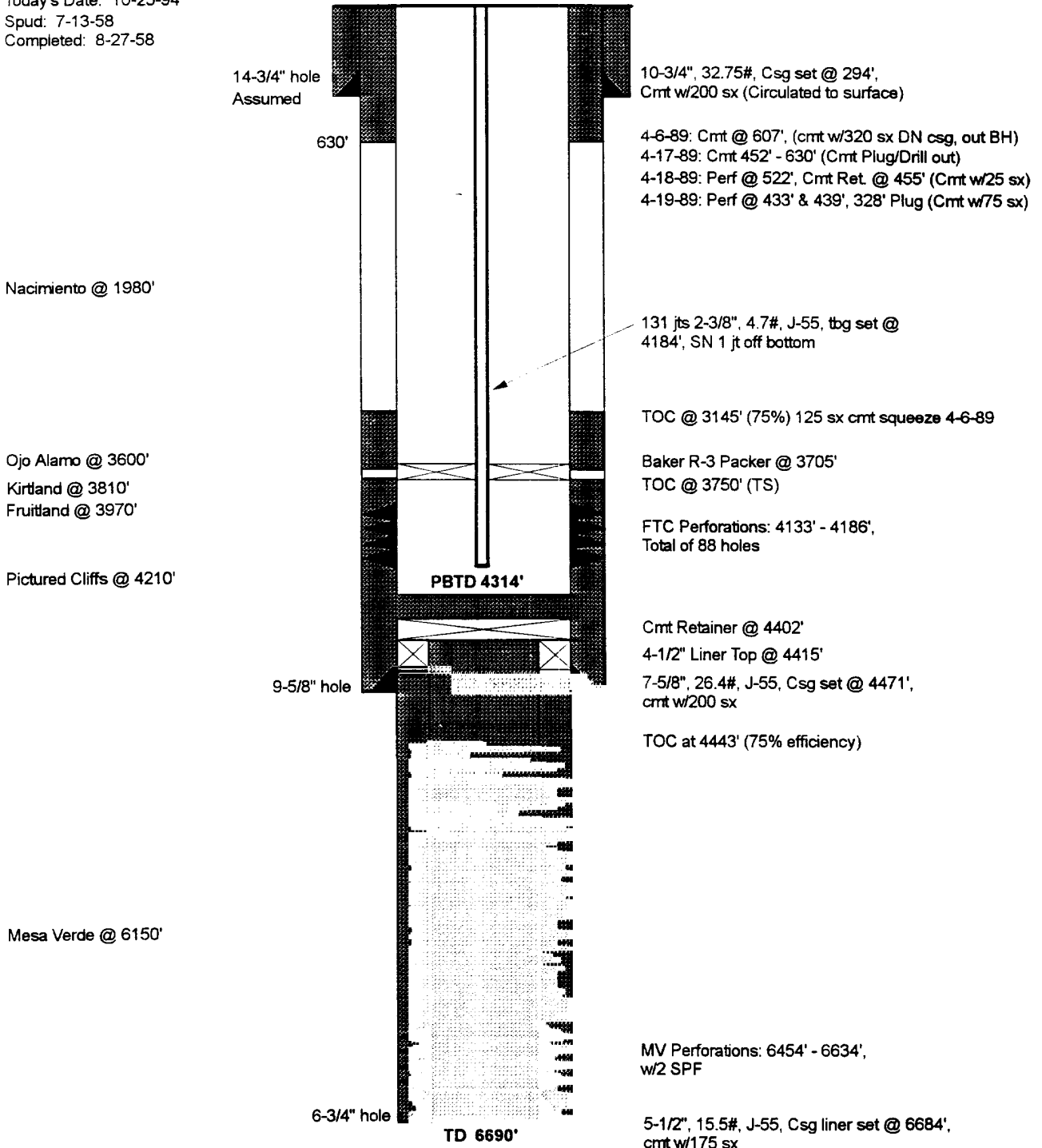
1150' FNL, 890' FEL,

NE Section 20, T-28-N, R-04-W, Rio Arriba County, NM

Today's Date: 10-25-94

Spud: 7-13-58

Completed: 8-27-58



San Juan 28-4 Unit NP #17

PROPOSED

Basin Fruitland Coal

1150' FNL, 890' FEL,

NE Section 20, T-28-N, R-04-W, Rio Arriba County, NM

Today's Date: 10-25-94

Spud: 7-13-58

Completed: 8-27-58

