

submitted in lieu of Form 3160-5

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
SOUTHLAND ROYALTY COMPANY

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

4. Location of Well, Footage, Sec., T, R, M
1160'FSL, 1560'FWL, Sec.24, T-31-N, R-12-W, NMPM

5. Lease Number
SF-077652
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
East #13
9. API Well No.
30-045-20447
10. Field and Pool
Basin Fruitland Coal/
Aztec Pictured Cliffs
11. County and State
San Juan 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.

RECEIVED
MAR 20 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LWD4) Title Regulatory Affairs Date 3/1/95

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

MAR 1 1995
[Signature]
DISTRICT MANAGER

NMOGD

PLUG & ABANDONMENT PROCEDURE

02/23/95

East #13

Basin Fruitland Coal / Pictured Cliffs
SW, Section 24, T-31-N, R-12-W
San Juan 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 safety rules and regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and load with water. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 2 3/8" tubing. POH and visually inspect.
4. **Plug #1 (Pictured Cliffs top -- Fruitland perfs and top, 2073' -- 2540')**: RIH with open ended tubing to 2540' or as deep as possible. Pump 15 bbbls water down tubing. Mix 55 sxs Class B cement (long plug, 50% excess) and spot a balanced plug from 2540' -- 2073'. POH with tubing and WOC. RIH and tag cement. Pull above cement and circulate well clean. Pressure test casing to 500# psi. POH with tubing.
5. **Plug #2 (Kirtland/Ojo Alamo tops, 860' -- 1009')**: Perforate 4 holes @ 1009'. TIH with 4 1/2" CR and set @ 959'. Establish rate with water into perforations with bradenhead valve open. Set Plug #2 with 51 sxs Class B cement. Squeeze 35 sxs outside casing and leave 16 sxs inside. POH and LD tubing. Pressure test tubing to 1000# psi.
6. **Plug #4 (Surface)**: Perforate 2 holes @ 164'. Establish circulation out bradenhead valve. Mix and pump Class B cement down 4 1/2" casing, circulate good cement out bradenhead valve (calculated volume 48 sxs w/ no excess). Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.
8. Restore location per BLM stipulations.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

LWD/CRF/crf

East #13

P & A

Basin Fruitland Coal - DPNO 15404B

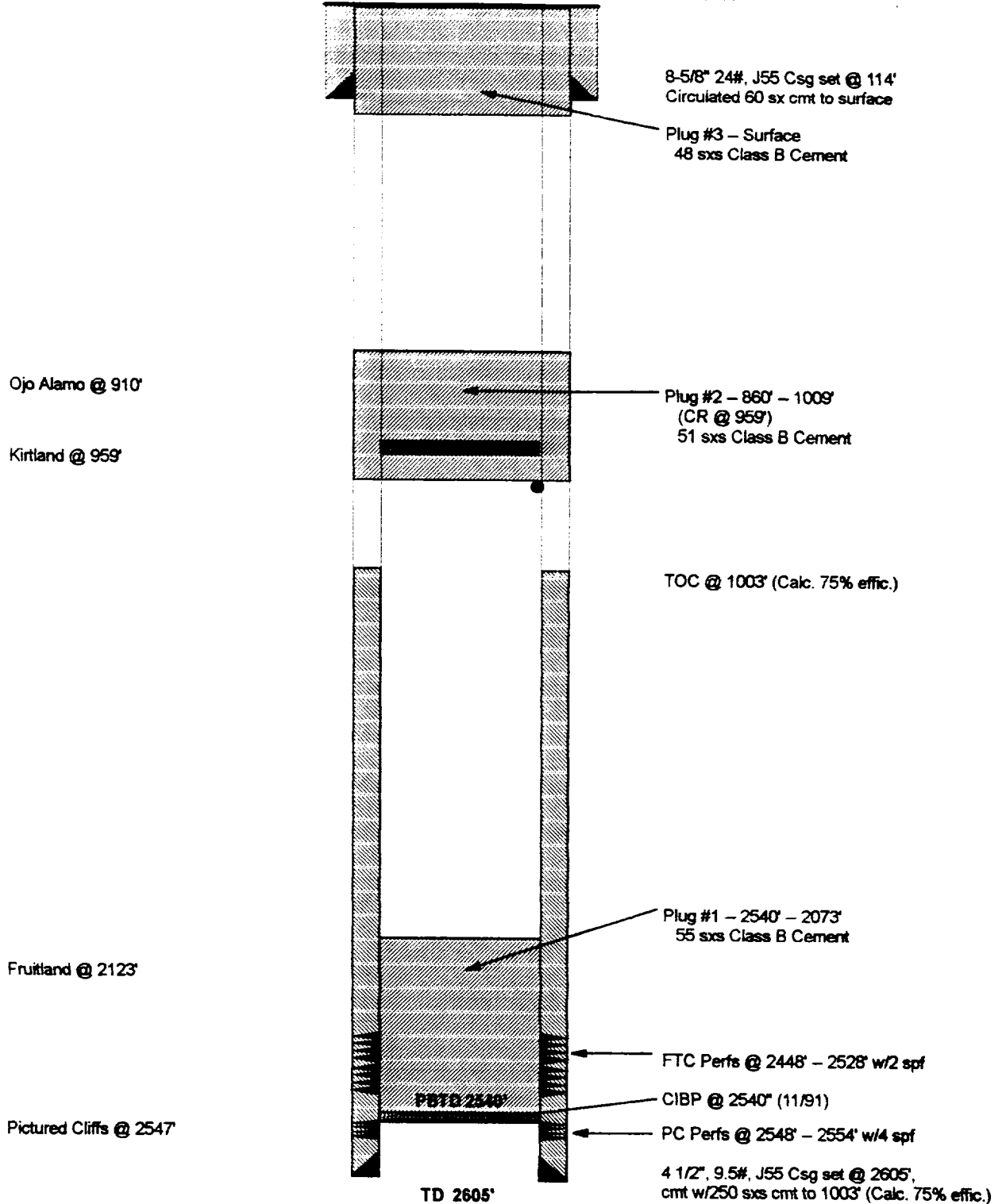
Pictured Cliffs - DPNO 15404A

1160' FSL, 1560' FWL

Section 24, T-31-N, R-12-W, San Juan County, NM

Spud: 5-7-69

Completed: 6-4-69



PERTINENT DATA SHEET

3/1/95

WELLNAME: East #13	DP NUMBER: 15404B (FTC) 15404A (PC)																																
WELL TYPE: Basin Fruitland Coal Pictured Cliffs	ELEVATION: GL: 6606' KB: 6076'																																
LOCATION: 1160' FSL. 1560' FWL Sec. 24, T31N, R12W San Juan County, New Mexico	INITIAL POTENTIAL: AOF -- Mcf/d (FTC) 184 Mcf/d (PC) INITIAL SICP: -- (FTC) -- (PC)																																
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East #13

CURRENT - 2-21-95

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Pictured Cliffs - DPNO 15404A

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