

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

95 JUN 27 PM 2:13

070 FARMINGTON, NM.

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
1410' FSL, 1470' FWL, Sec.31, T-32-N, R-10-W, NMPM

5. Lease Number
SF-080314
If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Harrison #2

9. API Well No.
30-C45-23126

10. Field and Pool
Mt.Nebo Fruitland/
Blanco 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

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other -
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

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] (LWD4) Title Regulatory Affairs Date 6/26/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUL 2 1995

A DISTRICT MANAGER

NMOC

PLUG & ABANDONMENT PROCEDURE

6/15/95

Harrison #2
Undesignated Fruitland Coal & Blanco Pictured Cliffs (Commingle)
DPNO 27297 & 21298
SW Section 31, T-32-N, R-10-W
San Juan County, 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 for cement washout only. Comply to all NMOCD, BLM, and MOI safety regulations.
2. 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. Run gauge ring (5 1/2", 14#) to 2850'. POOH and PU 5 1/2" CR.
4. **Plug #1 (Pictured Cliffs perms, 2850'--2711')**: Set 5 1/2" CR @ 2716'. Establish rate and squeeze PC perforations with 32 sxs Class B cement. Sting out of retainer and spot 6 sxs on top of retainer. TOH & PU 5 1/2" CR.
5. **Plug #2 (Fruitland tops, 2459' -- 2259')**: TIH with 5 1/2" CR and set @ 2309'. Establish rate with water into perforations with 47 sxs Class B cement. Sting out of retainer and spot 6 sxs on top of retainer. PT casing to 500 psi and PUH to 1736'.
6. **Plug #3 (Kirtland & Ojo Alamo tops, 1736' -- 1556')**: Mix 27 sxs Class B cement and spot balanced plug from 1736' -- 1556'. TOOH with workstring.
7. **Plug #4 (277' -- Surface)**: Perforate 2 holes @ 277'. Establish circulation out bradenhead valve. Mix and pump approximately 74 sxs Class B cement and pump down 5 1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing. Note the cement level in the casing and annulus; fill as necessary. Install P&A marker to comply with regulations.
9. Rig down, cut off anchors, move off location, and restore location per BLM stipulations.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

LWD/CRF/cf

Harrison #2

P & A

Undesignated Fruitland Coal

DPNO 27297

Blanco Pictured Cliffs

DPNO 27298

1410' FSL, 1470' FWL,

Section 31, T-32-N, R-10-W, San Juan County, NM

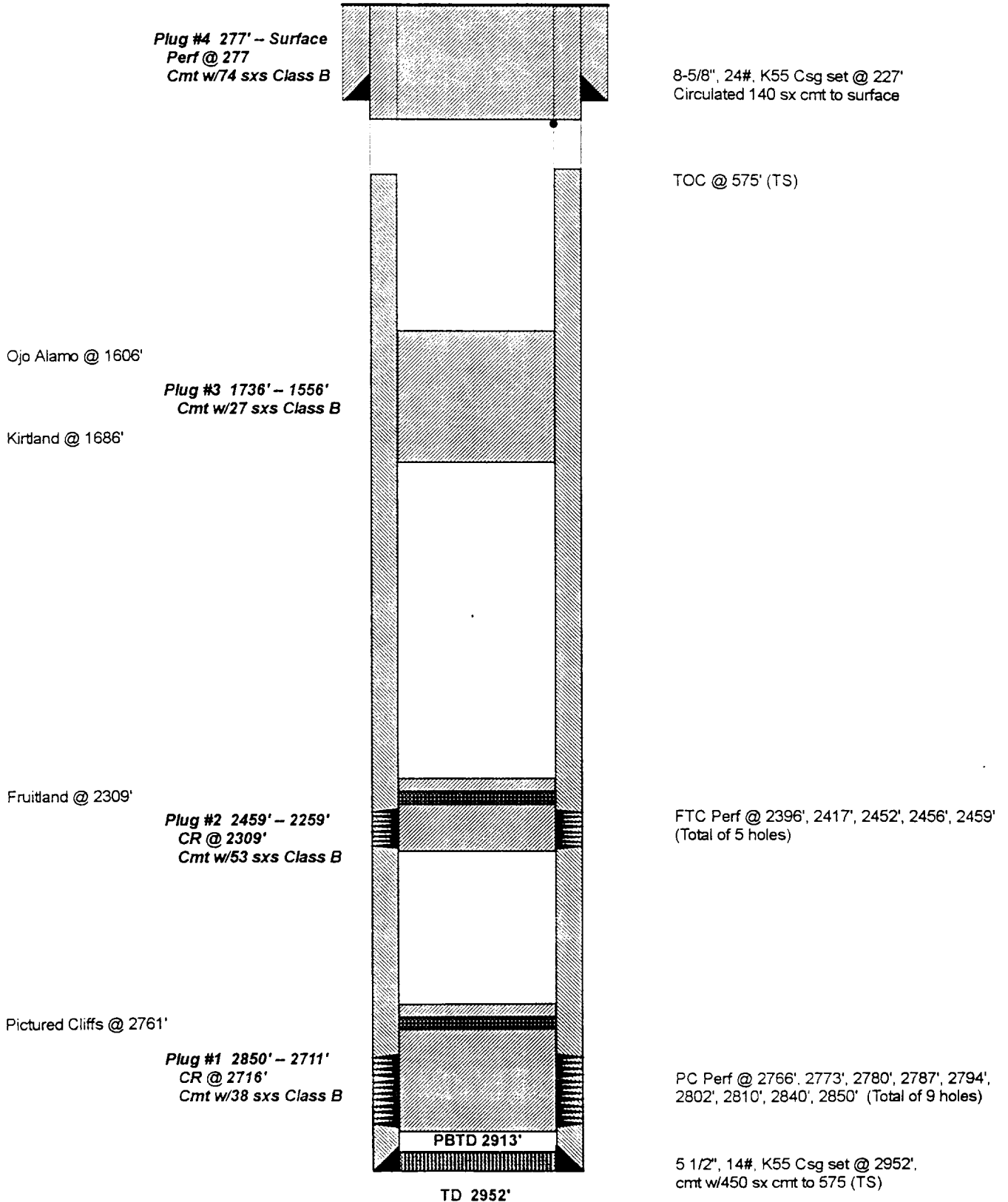
Spud: 8-17-78

Completed : 10-3-78

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070 FARMINGTON, NM



PERTINENT DATA SHEET

6/22/95

WELLNAME: Harrison #2	DP NUMBER: 27297 (FTC) 27298 (PC) PROPERTY NUMBER: 002306501 (PC & FTC)																																								
WELL TYPE: Undesignated Fruitland Coal Blanco Pictured Cliffs	ELEVATION: GL: 5976' KB: 5986'																																								
LOCATION: 1410' FSL, 1470' FWL Sec. 31, T32N, R10W San Juan County, NM	INITIAL POTENTIAL: AOF 483 Mcf/d (FTC) AOF 954 Mcf/d (PC) INITIAL SICP: 10/78 235 psig (FTC) -- psig (PC) CURRENT SICP: psig																																								
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STIMULATION: (FTC) 23,000# 20/40 sand & 25,000 gal. water (PC) 55,200# 20/40 sand & 7,200 gal. water																																									
WORKOVER HISTORY: May-84 Commingle PC & FTC: Set choke @ 1900' in 1 1/2" PC tubing. Blew well down. PU 1 1/4" (FTC) tubing & tagged packer, no fill. POOH & LD 1 1/4" tubing. Unseat Model R Packer. PU 1 1/2" (PC) tubing and tagged bottom, no fill. POOH & LD 1 1/2" tubing. PU 2 3/8" tubing and landed @ 2823'.																																									
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Harrison #2

CURRENT -- 2-15-95

Undesignated Fruitland Coal

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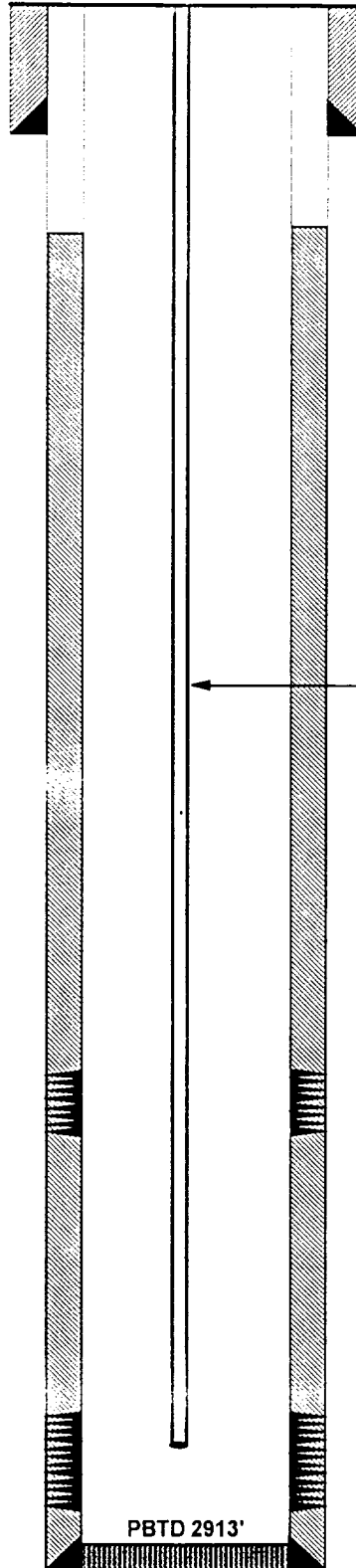
OJO FARINGTON, NM

Ojo Alamo @ 1606'

Kirtland @ 1686'

Fruitland @ 2309'

Pictured Cliffs @ 2761'



8-5/8", 24#, K55 Csg set @ 227'
Circulated 140 sx cmt to surface

TOC @ 575' (TS)

2 3/8", 4.7#, J55 Tubing set @ 2823'

FTC Perf @ 2396', 2417', 2452', 2456', 2459'
(Total of 5 holes)

PC Perf @ 2766', 2773', 2780', 2787', 2794',
2802', 2810', 2840', 2850' (Total of 9 holes)

5 1/2", 14#, K55 Csg set @ 2952',
cmt w/450 sx cmt to 575' (TS)