

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

990' FNL, 2310' FEL, Sec.19, T-29-N, R-11-W, NMPM

5. Lease Number

SF-077056

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Cozzens #2

9. API Well No.
30-045-08115

10. Field and Pool
Fulcher Kutz Pict.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] (LWD2) Title Regulatory Affairs Date 5/26/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

NMOCD

RECEIVED
JUN - 5 1995
OUR COM. DIV.
JUN 7

APPROVED
JUN 8 1995
DISTRICT MANAGER

PLUG & ABANDONMENT PROCEDURE

Cozzens #2
Fulcher Kutz Pictured Cliffs
DPNO 9841
Section 19, T-29-N, R-11-W
San Juan County New Mexico

1. Install and test location rig anchors. Prepare blow pit for cement washout only. Comply to all NMOC, 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. POH and LD 1" tubing (88 jts.). PU and round-trip 3-1/2" wireline gauge ring to 1800'.
4. **Plug #1 (Pictured Cliffs, 1766' - 1675')**: Wireline set 3-1/2" CIBP @ 1766'. PU and TIH with 1-1/2", 2.76#, IJ tubing workstring. Tag CIBP at 1766' and load 5-1/2" casing with water. Pressure test casing to 500#. Mix 7 sx Class B cement and spot a balance plug above the CIBP. TOH with workstring.
5. **Plug #2 (Fruitland top, 1454' - 1354')**: Perforate 4 holes @ 1454' through both the 3-1/2" and 5-1/2" casing. If casing tested, establish rate with water into perfs. PU 3-1/2" CR and TIH. Set CR @ 1404'. Pressure test tubing to 1000 psi. Sting out of CR and pressure test casing to 500 psi. Sting into CR. Establish rate with water into perfs. Mix and pump 70 sx Class B cement, squeeze 63 sx cement outside 5-1/2" casing and leave 7 sx inside 3-1/2" casing. POOH.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 422' - 682')**: Perforate 4 holes @ 682' through both 3-1/2" and 5-1/2" casing. If casing tested, establish rate with water into perfs. Mix 299 sx Class B cement with 2% bentonite (Using 50% excess outside of pipe per BLM approval 5-25-95). Bullhead cement down 3-1/2" casing. Spot cement with 289 sx outside 5-1/2" casing and leave 10 sx inside 3-1/2" casing at 372'. POH. Shut in well, WOC. RIH w/ wireline and tag cement.
7. **Plug #4 (Surface - 84')**: Perforate 4 holes @ 84' through both the 3-1/2" and 5-1/2" casing. Establish rate out of bradenhead valve. Mix and pump approximately 80 sx Class B cement down 3-1/2" casing. Circulate good cement out bradenhead valve, then shut bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing flange. 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

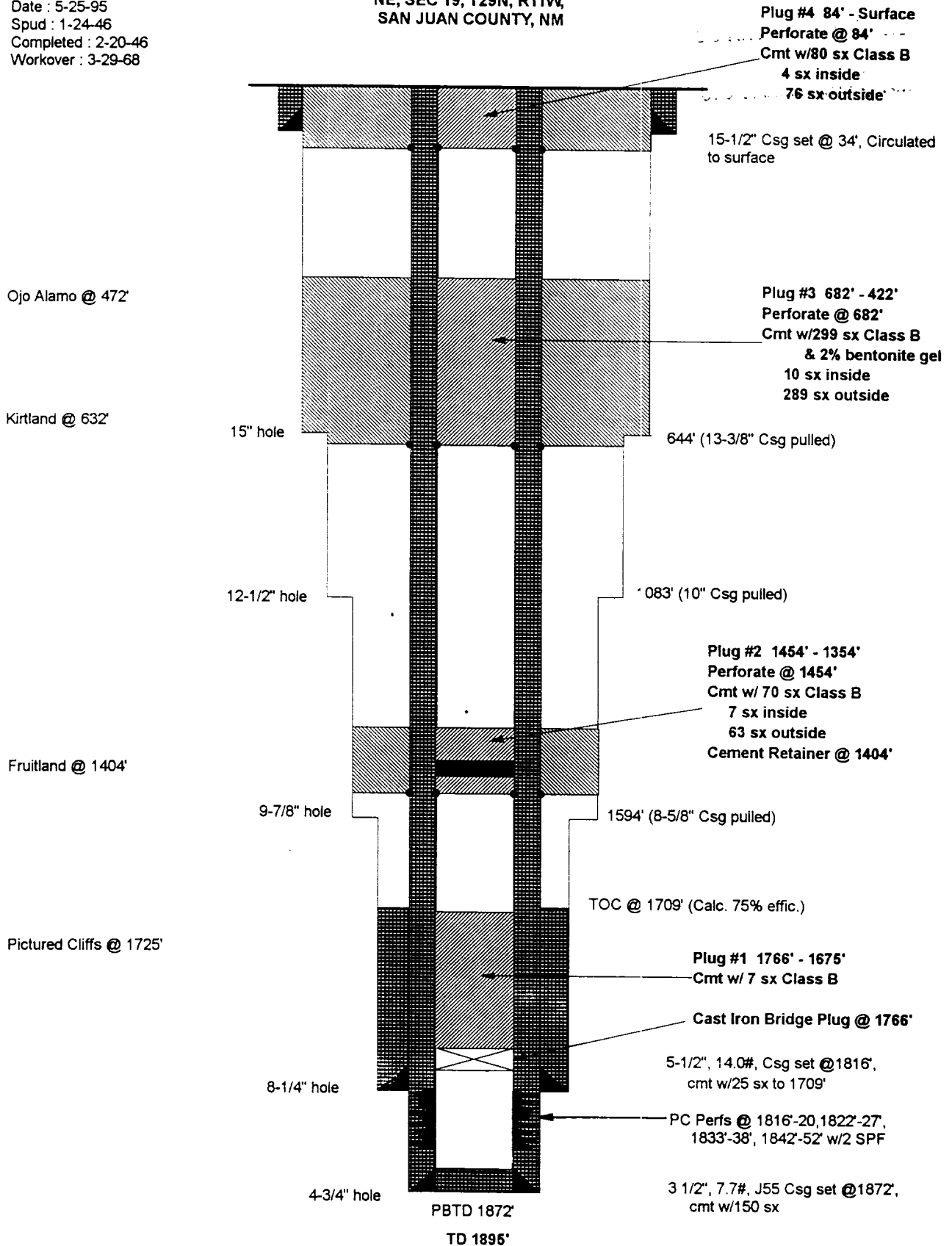
Cozzens #2

Proposed P&A

PICTURED CLIFFS

NE, SEC 19, T29N, R11W,
SAN JUAN COUNTY, NM

Date : 5-25-95
Spud : 1-24-46
Completed : 2-20-46
Workover : 3-29-68



PERTINENT DATA SHEET

5/25/95

WELLNAME: Cozzens #2				DP NUMBER: 9841 PROPERTY NUMBER: 20258																					
WELL TYPE: Fulcher Kutz Pictured Cliffs				ELEVATION: GL: 5685' KB: 5695'																					
LOCATION: 990' FNL 2310' FEL Sec. 19, T29N, R11W San Juan County, NM				INITIAL POTENTIAL: AOF 802 Mcf/d INITIAL SICP: 485 psig 6/30/54 CURRENT SICP: 175 psig 4/18/67																					
OWNERSHIP: GW: 25.0000% NRI: 20.1875% SJBT: 75.0000%				DRILLING: SPUD DATE: 01-24-46 COMPLETED: 02-20-46 TOTAL DEPTH: 1895' PBTD: 1872'																					
CASING RECORD:																									
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>																		
	15-1/2"			034'		10 sx	Surface																		
Various (see diagram)	5-1/2"	14.00#		1816'		25 sx (calc.)	1709'																		
4-3/4"	3-1/2"	7.70#	J55	1872'		150 sx (calc.)	Surface																		
Tubing	1"			1848' (88 jts.)																					
FORMATION TOPS: Nacimiento Surface Ojo Alamo 472' Kirtland 632' Fruitland 1404' Pictured Cliffs 1725'																									
LOGGING: Induction Electrolog and Caliper																									
PERFORATIONS 1816' - 20'; 1822' - 27'; 1833' - 38'; 1842' - 52' w/2 spf																									
STIMULATION: Fraced with 10,000 lbs. 20/40 sand and 10,000 lbs. 10/20 sand w/FR8																									
WORKOVER HISTORY: 3/29/68 - 4/8/68 : Rig up workover unit pulled 1" tubing, logged well, ran 69 jts. of 3-1/2" casing and landed at 1872'. Cemented w/150 sx Class "C", 2% CaCl. Perforated from 1816-20', 1822-27', 1833-38', and 1842-52', w/2 SPF. Fraced w/20,000 gals. fresh water and 10,000# 20/40 sand, 10,000# 10/20 sand, w/FR-8. Ran 88 jts. of 1" tubing to 1848' and rigged down.																									
<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">PRODUCTION HISTORY:</td> <td style="width: 10%; text-align: center;"><u>Gas</u></td> <td style="width: 10%; text-align: center;"><u>Oil</u></td> <td style="width: 25%;">DATE OF LAST PRODUCTION:</td> <td style="width: 10%; text-align: center;"><u>Gas</u></td> <td style="width: 10%; text-align: center;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as of 1995:</td> <td style="text-align: center;">1180 MMcf</td> <td style="text-align: center;">56 Bbls</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Current:</td> <td style="text-align: center;">0 Mcf</td> <td style="text-align: center;">0 Bbls</td> <td style="text-align: center;">March 1987</td> <td style="text-align: center;">9Mcf/d</td> <td style="text-align: center;">0Bbls/d</td> </tr> </table>								PRODUCTION HISTORY:	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:	<u>Gas</u>	<u>Oil</u>	Cumulative as of 1995:	1180 MMcf	56 Bbls				Current:	0 Mcf	0 Bbls	March 1987	9Mcf/d	0Bbls/d
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Current:	0 Mcf	0 Bbls	March 1987	9Mcf/d	0Bbls/d																				
PIPELINE: Sunterra Gas Gathering Co.																									

Cozzens #2

CURRENT

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SAN JUAN COUNTY, NM

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