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

5. **Lease Number**
   SF-079634
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**

2. **Name of Operator**
   SOUTHLAND ROYALTY COMPANY

8. **Well Name & Number**
   McClanahan #5Y
9. **API Well No.**
   30-045-21348

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

10. **Field and Pool**
    Aztec Pictured Cliffs

4. **Location of Well, Footage, Sec., T, R, M**
   1490'FNL, 1150'FWL, Sec.13, T-28-N, R-10-W, NMPM

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		
_X_ Notice of Intent	___ Abandonment	___ Change of Plans	
	___ Recompletion	___ New Construction	
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing	
	_X_ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
	___ Other -		

13. **Describe Proposed or Completed Operations**

It is intended to repair the casing in 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 Administrator Date 12/27/95

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED
JAN 09 1996
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE - CASING REPAIR

McCLANAHAN # 5Y
Aztec Pictured Cliffs
NW/4 Sec. 13, T28N, R10W
San Juan Co., New Mexico
DPNO 46496

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location.

2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install a 400 bbl frac tank. NU blooie line to blow pit. Fill frac tank as needed with 1% KCl water.

3. Blow down production tubing (58 jts 1 1/2" , 2.4#, J55, 8rd landed at 1943') to atmospheric tank. Control well with 1% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send wellhead to A-1 Machine or WSI for inspection.

4. PU on tubing, release packer (A-D #1 tension set, 30M shear) set at 1862', and strap out of hole. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.

5. PU 3 7/8" bit, casing scraper (4 1/2", 10.5 ppf on 2-3/8" workstring), and CO to PBTD (2118'). POOH.

6. PU 4 1/2" retrievable bridge plug and packer in tandem. TIH and set RBP at 1830'. Pressure test RBP and casing to 1000 psig. Dump one sack of sand on top of RBP. Isolate casing failure. Contact Operations Engineer for design of squeeze cement.

7. Set packer 250' above casing failure. Pressure up backside to 500 psig. Establish rate into casing failure with bradenhead valve open. (If circulation is established to surface, circulate hole clean.)

8. Mix and pump cement slurry. (If circulation is established to surface, pump cement with turbulent flow behind casing.) Displace cement to packer, close bradenhead valve and squeeze cement into perforations. (Max pressure 1000 psi.) WOC 12 hours (overnite).

9. Release packer and TOH. TIH with 3 7/8" bit and drill out cement. Pressure test casing to 1000 psig. Check bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.

10. TIH with retrieving tool and retrieve RBP. POOH and LD RBP. TIH with 3 7/8" bit and CO to PBTD with air. Blow well clean and gauge production. POOH and LD workstring.

11. TIH with 1 1/2" production tubing (open-ended with SN one joint off bottom). Land tubing at 2000'.

12. ND BOP's and NU wellhead. Release rig.

Recommend: _____
Operations Engineer

Approve: _____ 12/13/95
Drilling Superintendent

Contacts: Operations Engineer Larry Dillon 326-9714

lwd 12/12/95

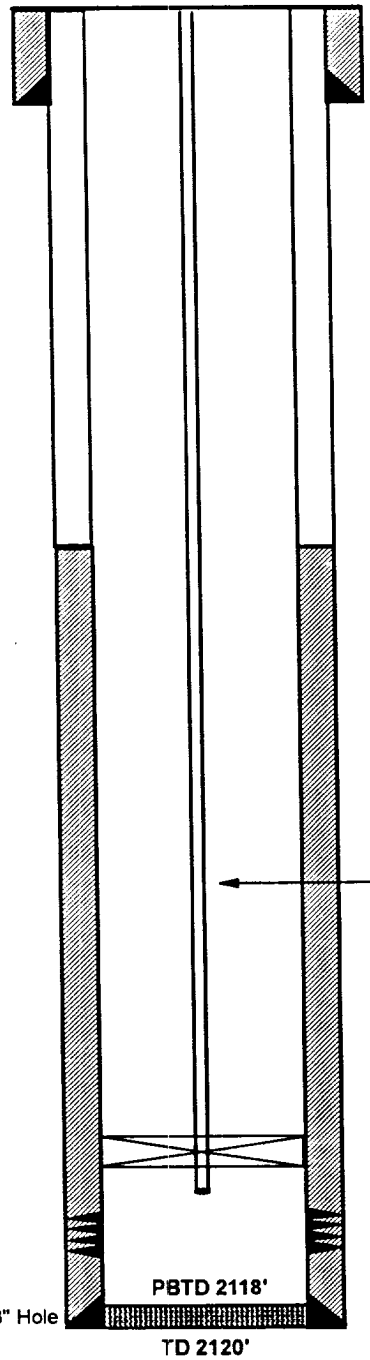
McClanahan #5Y

CURRENT - 12/4/95

Pictured Cliffs
DPNO: 46496

1490' FNL, 1150' FWL
Sec. 13E, T28N, R10W, San Juan County
Latitude / Longitude: 107.851639 - 36.665329

Spud: 11-15-73
Comp: 11-26-73
Elev.: 5780' GR
Logs: IES, BL, GR



8-5/8", 24# csg. set @ 133'
Circulate 250 sx cement to surface.

Ojo Alamo @ 893'

Kirtland @ 1008'

TOC @ 1163' (Calc. 75% Effic.)

1-1/2", 2.4#, J55 8Rd tbg. set @ 1943'
(58 jts., 1929') Tail pipe open-ended.

Fruitland @ 1605

5/94: A-D #1 Tension Packer set @ 1862'
(30M lb. shear)

Pictured Cliffs @ 1972'

Perfs @ 1976' - 1990', 1994' - 2002', 2 SPF
Frac'd w/35,364 gal. wtr., 30,000# 10/20 sd.

PBTD 2118'

7-7/8" Hole

4-1/2", 10.5# csg. set @ 2120', cement w/ 241 sx.

TD 2120'

Production History:	**Gas**	**Oil**
Cum as of 1/93:	443.3 MMcf	0 bo
Last Date of Prod. 1/93:	3 Mcf	0 bo

Initial Potential:		
Initial AOF:	767 Mcf/d	12/3/73
Initial SICP:	353 Psig	12/3/73

Ownership:	
GWI:	100.00%
NRI:	87.00%

Pipeline:
Williams Field Service

/ta