

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

1550'FSL, 1190'FWL, Sec.12, T-30-N, R-11-W, NMPM

5. Lease Number

SF-078198

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Nye #6

9. API Well No.

30-045-09638

10. Field and Pool

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 this well according to the attached procedure and wellbore diagram.

RECEIVED  
OCT 17 1994

OIL CON. DIV.  
DIST. 3

OCT 11 1994

OCT 11 1994

RECEIVED  
OCT 11 1994

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

Signed [Signature] (JK5) Title Regulatory Affairs Date 10/11/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

OCT 17 1994  
DISTRICT MANAGER

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## PLUG & ABANDONMENT PROCEDURE

### Nye #6 (PC)

Aztec Pictured Cliffs

SW, Section 12, T-30-N, R-11-W

San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe or openhole 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. **Bridge Plug (Pictured Cliffs Perfs):** Rig up wireline unit and RIH with gauge ring to 2400'. PU 2-7/8" wireline set bridge plug and RIH; set bridge plug at 2400'.
4. Pressure test 2-7/8" casing to 500#. ND 2-7/8" casing head and determine free point by stretch calculation. Jet cut off 2-7/8" casing at approximately 2100'. Establish circulation to surface. POH and tally 2-7/8" casing; replace bad joints as necessary. PU approximately 300' of 1-1/4" tubing and swedge back to the 2-7/8" pipe; RIH to 2400'.
5. **Plug #1 (Cap bridge plug, cover casing stub and Fruitland formation top, 2400' to 2060'.):** Mix 50 sxs of Class B cement and spot a balanced plug from 2400' to 2060', inside 2-7/8 casing from 2400' to 2100' and in the 6-3/4" openhole above the casing stub. Pull above cement and WOC. RIH and tag cement, must be above 2060'.
6. **Plug #2 (Kirtland and Ojo Alamo formation tops, 1200' to 970'.):** POH with tapered string to 1200'. Mix 97 sxs Class B cement and spot a balanced plug from 1200' to 970'. Pull above cement and WOC. RIH and tag cement. POH to 153'.
7. **Plug #3 (Surface):** Mix approximately 35 sxs Class B cement and spot a balanced plug from 153' to surface. POH and LD 2-7/8" and/or 1-1/4" pipe. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing. 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

10/7/94

WELLNAME: Nye #6				DP NUMBER: 53582			
WELL TYPE: Aztec Pictured Cliffs				ELEVATION: GL: 5923' KB:			
LOCATION: 1550' FSL, 1190' FWL, Sec. 12, T30N, R11W San Juan County, New Mexico				INITIAL POTENTIAL: 3,184 MCF/D  SICP: 569 PSIG			
OWNERSHIP: GWI: 100.0000% NRI: 83.0000%				DRILLING: SPUD DATE: 02-23-60 COMPLETED: 03-16-60 TOTAL DEPTH: 2499' PBD: 2489'			
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>
12 1/4"	7 5/8"	24#	H40	153'	-	100 sx	Surface
6 3/4"	2 7/8"	6.5#	J55	2499'		75 sx est 75% eff.	2205'
*Reduced to 4 3/4"				2419'			
No Tubing							
FORMATION TOPS:							
Ojo Alamo			1020'	Mancos			
Kirtland			1150'	Gallup			
Fruitland			2110'	Graneros			
Pictured Cliffs			2432'	Dakota			
Cliff House							
Menefee							
Point Lookout							
LOGGING: EIS							
PERFORATIONS Pictured Cliffs -- 2436' -- 2481' w/4 spf							
STIMULATION: 40,000# sand & 34,860 gal. water w/ 15 gal. G-2							
WORKOVER HISTORY: NONE							
PRODUCTION HISTORY:							
	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:		<u>Gas</u>	<u>Oil</u>	
Cumulative as of 1994:	371 MMcf	0 Bbl	August, 1989		5 Mcf/m	0 Bbl	
Current:	0 Mcf	0 Bbl					
PIPELINE: SGGC							

# Nye #6

## CURRENT

Aztec Pictured Cliffs

SW Section 12, T-30-N, R-11-W, San Juan County, NM

Today's Date: 10/06/94

Spud: 2/23/60

Completed: 3/16/60

12-1/4" hole

7-5/8" 24.0#, Csg set @ 103',  
Cmt w/100 sxs (Circulated to  
Surface)

Ojo Alamo @ 1020'

Kirtland @ 1150'

Fruitland @ 2110'

Top of Cmt @ 2109', (Calc. 75% efficiency)

6-3/4" hole  
to 2419'

Pictured Cliffs @ 2432'

Pictured Cliffs Perforations  
2436' - 2481' w/4 spf.

PBTD 2489'

2-7/8" 6.5#, J-55 set @ 2499',  
Cmt w/75 sxs.

4-3/4" hole

TD 2499'

# Nye #6

## Proposed P & A

Aztec Pictured Cliffs

SW Section 12, T-30-N, R-11-W, San Juan County, NM

Today's Date: 10/06/94

Spud: 2/23/60

Completed: 3/16/60

