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-078198
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**

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

8. **Well Name & Number**
   Nye #3
9. **API Well No.**
   30-045-09864
10. **Field and Pool**
    Aztec PC/Blanco MV
11. **County and State**
    San Juan Co, NM

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

4. **Location of Well, Footage, Sec., T, R, M**
   1650'FSL, 990'FWL, Sec.1, T-30-N, R-11-W, NMPM

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
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Bradenhead repair	

13. **Describe Proposed or Completed Operations**

It is intended to repair the bradenhead of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
MAR - 1 1995
OIL CON. DIV.
DIST. 3

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

Signed Peggy Bradfield (LWD5) Title Regulatory Affairs Date 2/22/95

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

APPROVED
FEB 27 1995
DISTRICT MANAGER

WORKOVER PROCEDURE - BRADENHEAD REPAIR

NYE # 3
Pictured Cliffs/Mesaverde Dual
SW/4 Sec. 1, T30N, R11W
San Juan Co., New Mexico
DPNO 53578 (PC); 53579 (MV)

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 and an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmospheric tank. Fill frac tank with 1% KCl water.

3. Blow down well 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 for inspection.

4. PU on production tubing (4292' of 1 1/2", 2.9#, EUE), unseat from packer (3 1/2" Baker Model D @ 4250'), and strap out of hole. Replace joints of tubing that are in bad condition. Note any buildup of scale, and notify Operations Engineer.

5. RU wireline unit. Run gauge ring inside intermediate casing (5 1/2", 15.5 ppf) to 2450'. PU 5 1/2" RBP and 2 3/8" workstring. TIH and set RBP at 2450'. Pressure test casing to 1000 psig. Spot two sacks of sand on top of RBP.

6. TOC is 2370' per cement bond log. Contact Operations Engineer for design of squeeze cement.

7. Perforate 4 squeeze holes at 2360'. TIH with 5 1/2" fullbore packer and set 200' above squeeze holes. Pressure up backside to 500 psig. Establish rate into perforations with bradenhead valve open. Max pressure 1500 psig.

8. Mix and pump cement slurry. (If cement circulates to surface, go to tail slurry.) Displace cement to packer, close bradenhead valve and squeeze 2 to 3 bbl of cement into perforations. Release packer, pull up hole one stand, reverse circulate, and reset packer. Re-apply squeeze pressure and WOC 12 hours (overnite).

9. Release packer and TOH. TIH with 4 3/4" bit and drill out cement. Pressure test casing to 1000 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to shut-off bradenhead flow.

10. TIH with retrieving tool and retrieve RBP from 5 1/2" casing. POOH and LD RBP. Clean out to top of 5 1/2" packer (at 4250') with 4 3/4" bit. POOH. TIH with 2 1/4" mill and tapered workstring (packer bore ID 2.688"). CO to PBTD (at 4900') with air. Blow well clean and gauge production. POOH. PU 5 1/2" packer and TIH. Set below PC perforations, and flow test PC and MV formations independently. POOH.

11. TIH with production tubing (seating nipple with pump-out plug one joint off bottom; 570' of 1 1/4", 2.3# tailpipe required). Land tubing at 4820' with seal assembly seated in packer at 4250'.

12. ND BOP's and NU wellhead. Pump plug from tubing. Obtain final gauges.

13. Release rig.

Recommend: _____
Operations Engineer

Approve: _____
Drilling Superintendent

Contacts:			
	Cement	Halliburton	325-3575
	Downhole Tools	Baker	325-0216
	Wireline	Blue Jet	325-5584
	Operations Engineer	Larry Dillon	326-9714

lwd 02/17/95

PERTINENT DATA SHEET

2/16/95

WELLNAME: Nye #3

DP NUMBER: 53578 (PC)
53579 (MV)

WELL TYPE: Aztec Pictured Cliffs
Blanco Mesaverde

ELEVATION: GL: 5911'
KB: 5922'

LOCATION: 1650' FSL 990' FWL
Sec. 1, T30N, R11W
San Juan County, New Mexico

INITIAL POTENTIAL: AOF of 7/51 1,070 Mcf/d (MV)
AOF of 4/73 1,131 Mcf/d (PC)

INITIAL SICP: 7/51 1,040 psig (MV)
4/73 365 psig (PC)

OWNERSHIP:

	PC	MV
GWI:	25.0000%	25.0000%
NRI:	20.7500%	20.7500%
SJBT:	75.0000%	75.0000%

DRILLING:
SPUD DATE: 05-31-51
COMPLETED: 07-18-51
TOTAL DEPTH: 4940'
PBTD: 4900'

CASING RECORD:

HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC
10 3/4"	9 5/8"	32.3#		194'	-	75 sx	Circ. Surface
8 3/4"	5 1/2"	15.5#	J55	4685'		250 sx	CBL 3600'
					Squeezed @ 2600'	150 sx	CBL 2444' – 2606'
	3 1/2"	7.7#		4344' – 4937'	Liner Hanger @ 4327	40 sx	est 4094
Tubing	1 1/2"	2.9#	EUE	4292'	Perf. tubing joint Model D Packer @ 4250'		

FORMATION TOPS:

Ojo Alamo	1050'	Cliff House	4017'
Kirtland	1158'	Menefee	4280'
Fruitland	2172'	Point Lookout	4707'
Pictured Cliffs	2461'		
Lewis	2630'		
Huerfanito Bentonite	3207'		
Chacra	3283'		

LOGGING: Bond Log; Gamma Ray Log

PERFORATIONS
Jul-68 MV: 4754' – 70'; 4784' – 96'; 4802' – 24' w/2 spf
Apr-73 PC: 2466' – 2473'; 2478' – 2486' w/2 spf

STIMULATION:
Jul-51 MV: (Open hole) 765 qts. nito-glycerin
Jul-68 MV: 76,000 gal. water & 50,000# 20/40 sand & 25,000# 10/20 sand
Apr-73 PC: 27,150 gal. water & 20,000# 10/20 sand

WORKOVER HISTORY:

Jul-68 **MV Sidetrack:** Worked stuck tubing, spot diesel and ran free point to 4678'. Cut tubing @ 4678'. Left 284' of 2 3/8" tubing in hole. Ran CR and set @ 4584'. Squeeze 150 sxs cement. Held 300#. Set whipstock @ 4434'. Cut window from 4434' – 4474'. Drill 4 3/4" hole to 4940'. Ran 3 1/2" liner and set @ 4937', set hanger @ 4327'. Cemented w/ 40 sxs cement. Drilled cement @ 4780' – 4900'. Perforated and fraced. Ran 1 1/2", 2.9#, EUE tubing and landed @ 4800'.

Apr-73 **Proposed Dual MV w/ PC:** Pull tubing, ran Model D Packer @ 4250'. Perforated 2 holes @ 2600'. Squeeze w/150 sxs. Perfed and fraced PC zone. Ran 1 1/2" tubing and landed @ 4292'.

PRODUCTION HISTORY:

	Gas	Oil	
Cumulative as of 1994:	149.9 MMcf	0 Bbl	(PC)
Current:	0 Mcf	0 Bbl	(PC)
Cumulative as of 1994:	1.5 Bcf	4.0 MBbl	(MV)
Current:	4.1 MMcf	0 Bbl	(MV)

DATE OF LAST PRODUCTION:

	Gas	Oil	
March, 1993	272	0 Bbl	(PC)
November, 1994	4.1 MMcf	0 Bbl	(MV)

PIPELINE: SUG

Nye #3

CURRENT -- 2-3-95

Mesaverde / Pictured Cliffs
DPNO's 53579 / 53578

1650' FSL, 990' FWL,
Section 1, T-30-N, R-11-W, San Juan County, NM

Spud: 5-31-51

Completed : 7-18-51