

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

1600' FNL, 1600' FWL, Sec. 5, T-27-N, R-9-W, NMPM

5. Lease Number

sf-077874

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Hanks #19

9. API Well No.

30-045-11708

10. Field and Pool

So Blanco 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 restimulate the subject well during 1996.

THIS APPROVAL EXPIRES JUL 01 1996

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

Signed [Signature] (LWD2) Title Regulatory Affairs Date 6/21/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUN 23 1995

NMOCD

DISTRICT MANAGER

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 12-1-55

Pool South Blanco Pictured Cliffs				Formation Pictured Cliffs				County San Juan			
Initial		Annual		Special		Date of Test 6/29/66					
Company Aztec Oil and Gas				Lease Hanks				Well No. 19			
Unit 1"	Sec. 5	Twp. 27N	Range 9W		Purchaser Southern Union Gas						
Casing 4 1/2"	Wt. 9.5	I.D. 4.090	Set at 3076		Perf. 2962		To 2989				
Tubing 1"	Wt. 1.7	I.D. 1.049	Set at 3001		Perf. 2962		To 2992				
Gas Port:		From 2962	To 2989	L 2962	G .700 (est)	GL 2073	Bar. Press.				
Producing Through:		Casing X		Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual single gas					
Date of Completion 6/21/66		Packer none				Reservoir Temp.					

OBSERVED DATA										
Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.				7 days		610		610		
2.	2"	3/4"				169	60 (est)	125	60 (est)	3 hr
3.										
4.										
5.										

FLOW CALCULATIONS							
No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15,025 psia
1.	12.365		137	1.000	.9258	1.017	1595
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS									
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____				
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____				
P _c _____ (1-e ^{-S}) _____					P _c 622 P _c ² 386,884				
No.	P _w P _t psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	P _w /P _c
1.	181					32,761	354,223		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: 1720 MCFPD: 1.85

COMPANY Aztec Oil and Gas WITNESSED _____

ADDRESS Drewer 570 Farmington, New Mexico COMPANY _____

AGENT AND TITLE Carl E. Jameson
District Engineer

