

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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, 990' FWL, Sec.13, T-30-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-09533
5. Lease Number
Fee
6. State Oil & Gas Lease #
7. Lease Name/Unit Name
Hampton
8. Well No.
1
9. Pool Name or Wildcat
Aztec Pictured Cliffs
10. Elevation: 5959 GR

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

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

RECEIVED
MAY 10 1995
OIL CON. DIV.
DIST. #3

SIGNATURE [Signature] (LWD5) Regulatory Affairs May 9, 1995

(This space for State Use)

Approved by ORIGINAL SIGNED BY ERNIE BUSCH Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date MAY 10 1995

WORKOVER PROCEDURE - CASING REPAIR

HAMPTON # 1
Aztec Pictured Cliffs
NW/4 Sec. 13, T30N, R11W
San Juan Co., New Mexico
DPNO 27150

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 (77 jts 2 3/8" , 4.7#, EUE landed at 2428') 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 (Schlumberger fullbore retrievable) set at 2424' 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 5 1/2" retrievable bridge plug and packer. TIH and set RBP at 2350'. Pressure test RBP and casing to 1000 psig. Dump two sacks of sand on top of RBP.
6. Isolate casing failure. Contact Operations Engineer for design of squeeze cement.
7. Set packer 200' 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. (Establish 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 4 3/4" 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 4 3/4" bit, casing scraper, and CO to PBTD with air. Blow well clean and gauge production. POOH and LD workstring.
11. TIH with production tubing (open-ended with SN one joint off bottom). Land tubing at 2490'.
12. ND BOP's and NU wellhead. Release rig.

Recommend: _____
Operations Engineer

Approve: PJ B.A.
Drilling Superintendent

Contacts:	Cement	Cementers Inc.	632-3683
	Wireline & Downhole Tools	Schlumberger	325-5006
	Operations Engineer	Larry Dillon	326-9714

Hampton # 1

CURRENT -- 4-12-95

Aztec Pictured Cliffs
DPNO: 27150

990' FNL, 990' FWL,
Section 13, T-30-N, R-11-W, San Juan County, NM

Spud: 3-16-56

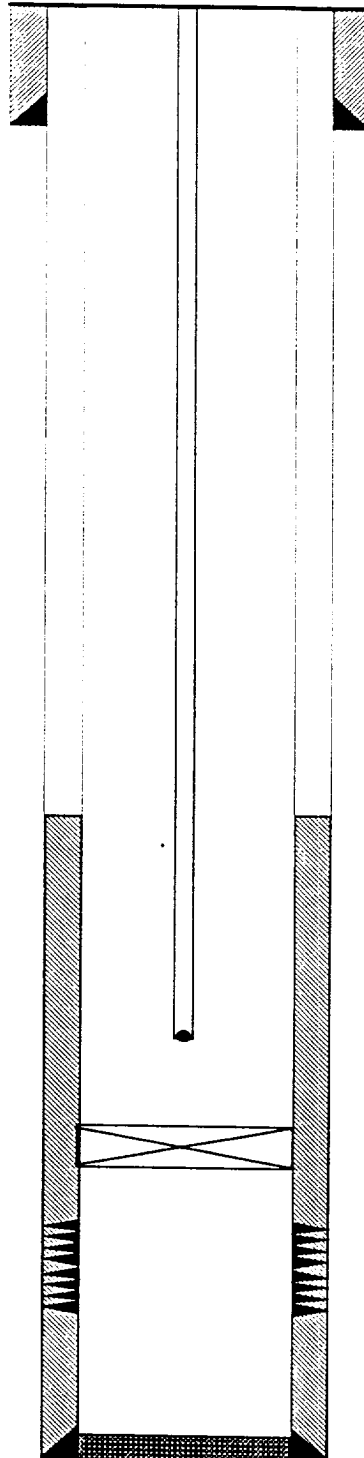
Completed : 3-24-56

Ojo Alamo @ 1065'

Kirtland @ 1162'

Fruitland @ 2034'

Pictured Cliffs @ 2442'



8 5/8", 24#, J55 Surface Csg. set @
102'. Circ. 100 sx cmt. to surface.

TOC @ 1947' Calc. 75% effic.

2 3/8", 47#, J55 tbg landed @ 2428'.
Full bore packer @ 2424"

Perfs @ 2450'-2490' - 4 SPF - 156 holes

5-1/2", 14#, J55 Csg set @ 2526',
Cmt w/125 sx cmt.

TD 2526'

PERTINENT DATA SHEET

5/1/95

WELLNAME: Hampton #1	DP NUMBER: 27150 PROP. NUMBER: 0023092																																
WELL TYPE: Aztec Pictured Cliffs	ELEVATION: GL: 5959' KB: 5970'																																
LOCATION: 990 FNL, 990 FWL Sec. 13, T30N, R11W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 5949 Mcf/d INITIAL SICP: 649 psig 4/10/56 CURRENT SICP: psig																																
OWNERSHIP: GWI: 43.7500% NRI: 37.0313% SJB: 56.2500%	DRILLING: SPUD DATE: 3/16/56 COMPLETED: 3/27/56 TOTAL DEPTH: 2526' PBD:																																
CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>11"</td> <td>8 5/8"</td> <td>24#</td> <td>J55</td> <td>102'</td> <td></td> <td>100 sx</td> <td>Circ to su</td> </tr> <tr> <td>7 7/8"</td> <td>5 1/2"</td> <td>14#</td> <td>J55</td> <td>2526'</td> <td></td> <td>125 sx</td> <td>Calc 75% eff. 1947'</td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.7#</td> <td>J55</td> <td>2428'</td> <td>Full bore pkr. @ 2424'</td> <td></td> <td></td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	11"	8 5/8"	24#	J55	102'		100 sx	Circ to su	7 7/8"	5 1/2"	14#	J55	2526'		125 sx	Calc 75% eff. 1947'	Tubing	2 3/8"	4.7#	J55	2428'	Full bore pkr. @ 2424'		
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LOGGING: IES, GR-Density																																	
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STIMULATION: 42,000 gal. water, 40,000# sand																																	
WORKOVER HISTORY: Jan. '95 Pull 1" tbg. Run csg. scraper to 2450'. PU full-bore packer, set @ 2424'. Pressure test casing - failed. Released rig																																	
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