

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

DEC-9 11:28

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

1070'FSL, 1835'FEL, Sec.10, T-29-N, R-5-W, NMPM

5. Lease Number

NM-0558140

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

La Jara #2

9. API Well No.

30-039-23450

10. Field and Pool

Gobernador Pict.Cliffs

11. County and State

Rio Arriba 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 repair the casing for the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
DEC 15 1994

OIL CON. DIV.  
DIST. 3

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

Signed [Signature] ROS7) Title Regulatory Affairs Date 12/9/94

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

NMOCD

APPROVED

DEC 09 1994

DISTRICT MANAGER

# PERTINENT DATA SHEET

<b>WELLNAME:</b> La Jara #2	<b>DP NUMBER:</b> 42046 <b>PROP. NUMBER:</b> 0020494																																
<b>WELL TYPE:</b> Gobernador Pictured Cliffs	<b>ELEVATION:</b> <b>GL:</b> 6427' <b>KB:</b> 6439'																																
<b>LOCATION:</b> 1070' FSL 1835' FEL SE Sec. 10, T29N, R5W Rio Arriba County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF 5,468  <b>SICP:</b> PSIG																																
<b>OWNERSHIP:</b> <b>GWI:</b> 25.0000% <b>NRI:</b> 21.8750%	<b>DRILLING:</b> <b>SPUD DATE:</b> 08-13-84 <b>COMPLETED:</b> 09-28-84 <b>TOTAL DEPTH:</b> 3554' <b>PBTD:</b> 3508' <b>COTD:</b> 3508'																																
<b>CASING RECORD:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>8-5/8"</td> <td>24.0#</td> <td>K-55</td> <td>230'</td> <td>-</td> <td>182.9 cf (155 sx)</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>4-1/2"</td> <td>10.5#</td> <td>K-55</td> <td>3553'</td> <td>-</td> <td>275 cf (225 sx)</td> <td>2400'(TS)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8" EUE</td> <td>4.7#</td> <td>J-55</td> <td>3316'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-left: 40px;">Ran 1 jt 2-3/8". Seating Nipple at 3286', 104 jts 2-3/8" EUE, 4.7#, 8rd, J-55, tbg set @ 3316'</p>		<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"	8-5/8"	24.0#	K-55	230'	-	182.9 cf (155 sx)	surface	7-7/8"	4-1/2"	10.5#	K-55	3553'	-	275 cf (225 sx)	2400'(TS)	Tubing	2-3/8" EUE	4.7#	J-55	3316'			
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<b>PERFORATIONS</b> 3236', 3245', 3250', 3258', 3265', 3274', 3281', 3292', 3312', 3319', 3325', 3338', 3344', 3350', 3356', 3364', 3374', 3382', 3388', 3394', 3400', 3410', 3416', 3422', Total 24 holes																																	
<b>STIMULATION:</b> Fraced w/175,000 gal. slickwater and 160,000# of 20/40 sand.																																	
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<b>PIPELINE:</b> NWPC																																	

**La Jara #2**  
**Gobernador Pictured Cliffs**  
**SE Section 10, T-29-N, R-5-W**  
**Recommended Casing Repair Procedure**

1. Comply with all NMOCD, BLM and Meridian safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. **Note: On November 30, 1994, while running a slickline, 21 ppm H<sub>2</sub>S was detected on location using an H<sub>2</sub>S sniffer.**
2. MOL and RU workover rig. Blow well down. NU 7-1/16" 3000 psi (6" 900 series) BOP with flow tee and stripping head. NU blooie line and 2-7/8" relief lines. Test and record operation of BOP rams. Kill well with 1% KCL water only if necessary. Have Christmas tree serviced at A-1 Machine.
3. TOH with 2-3/8" EUE, 4.7#, J-55 tbg (105 jts @ 3316', SN @ 3286'). Visually inspect tbg for corrosion. TIH with 4-1/2" casing scraper on 2-3/8" tbg to PBTD at 3508'. TOH.
4. TIH with 4-1/2" RBP and 4-1/2" retrievable packer on 2-3/8" tbg and set RBP at approx. 3136' (100' above top of PC perf). Spot 10' of sand on top of RBP. Pressure test RBP to 750 psig. Isolate casing failure and design squeeze cement job as appropriate. Establish a rate into hole with water and attempt to circulate to surface. Make sure bradenhead valve is open and a line is laid to the pit. If circulation is established out of bradenhead, mix cement with fluid loss additive. Set 4-1/2" packer 250' above hole and establish a rate into hole with water. Mix and pump cement. Maximum pressure is 750 psig. Displace cement 2 bbls below packer prior to attempting hesitation squeeze. Hold pressure for 4 hrs. and check for flowback. TOH with packer.
5. WOC 12 hrs. Clean out to below squeeze with 3-7/8" mill or bit. Pressure test to 750 psig. Re-squeeze as necessary.
6. TIH with 4-1/2" casing scraper to below squeeze. TOH. TIH with retrieving tool on 2-3/8" tbg blowing down with gas or air. Retrieve RBP and TOH.
7. TIH with 2-3/8" tbg with an expendable check valve on bottom and a seating nipple one jt off bottom and CO to PBTD at 3508'. Take and record gauges.
8. Land tbg near bottom perforation at 3422'. ND BOP and NU wellhead. Pump off expendable check valve and record final gauges. Return well to production.

Recommended:



Approved:



## La Jara #2

CURRENT

Gobernador Pictured Cliffs

SE Section 10, T-29-N, R-5-W, Rio Arriba County, NM

Today's Date: 12/2/94

Spud: 8/13/84

Completed: 9/28/84

12-1/4" hole

8-5/8", 24.0#, J-55, 8rd, Csg set @ 230'  
Cmt w/182.9 cf (100 sx) (Circulated to Surface)

Nacimiento @ 1800'

Top of Cmt @ 2400' (TS)

Ojo Alamo @ 2582'

Kirtland @ 2709'

Fruitland @ 2989'

105 jts. 2-3/8" EUE, 4.7#, 8rd, J-55, tbg set @ 3316'  
(SN set @ 3286')

Pictured Cliffs @ 3310'

Perforations: 3236' - 3422', Total 24 holes

PBTD 3508'

7-7/8" hole

TD 3554'

4-1/2", 10.5#, K-55, 8rd, Csg set @ 3553',  
Cmt w/275 cf (225 sx)