

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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
1830' FSL, 1550' FEL Sec.25, T-32-N, R-7-W, NMPM

5. Lease Number
NM-2996

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Burnt Mesa #1A

9. API Well No.
30-045-22561

10. Field and Pool
So. Los Pinos Frt Sd/PC/
Blanco Mesaverde

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 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 checked="" type="checkbox"/> Other - Packer repair | |

13. Describe Proposed or Completed Operations

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

RECEIVED
AUG 23 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LWD6) Title Regulatory Administrator Date 8/4/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date **APPROVED**

CONDITION OF APPROVAL, if any:

AUG 16 1995
/s/ Ken Townsend
DISTRICT MANAGER

Workover Procedure - Packer Repair

Burnt Mesa #1A
Pictured Cliffs/ Mesaverde Duel
Sec. 25, T-32-N, R-07-W
San Juan County, New Mexico
DPNO 7082 - MV, 7085 - PC

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location
2. Test wellhead for communication between Mesaverde tubing and Pictured Cliffs tubing. Complete prior to moving onto location.
3. 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. Fill frac tank with 1% KCl water. Lay relief line to atmospheric tank.
4. Blow down tubing both Pictured Cliffs (1 1/2", 2.9#, J55, EUE) and Mesaverde (1 1/2", 2.9#, J55, EUE) tubing to atmospheric tank. Control well with 1% KCl water as needed. ND wellhead and NU BOP's. NU blooie line to blow pit. Test and record operation of BOP's. Send well head to A-1 Machine or WSI for inspection.
5. TOOH with PC tubing. Visually inspect tubing string (on trip), and replace joints of tubing that are in bad condition. PU on MV tubing, release packer, and TOOH with MV tubing. **If packer does not release, contact Operations Engineer.** Visually inspect tubing string (on trip), and replace joints of tubing that are in bad condition. Send packer to Baker for redress.
6. PU and RIH with 6-1/4" bit and 7" 20# casing scraper on 2 3/8" workstring to 3540'. POOH and PU 3 7/8" bit and 4 1/2" 10.5# casing scraper. RIH and CO to PBTD (6122'). POOH.
7. PU 7" RBP, RIH and set @ 3300'. Pressure test csg to 750#. Unload hole with air and retrieve BP and POOH.
8. TIH with Mesaverde tubing (1 1/2" J55 EUE) configured: 1 jt, 1 seating nipple and pump-out plug, 69 jts, Model R-3 Double Grip packer @ 3629', 1 jt, 1 blast opposite PC perms. and 119 jt. Land tubing near bottom of Mesaverde perms at 5876' hydrotesting from packer to the surface. TIH with approximately 3543' 1 1/2" J55 EUE Pictured Cliffs tubing with a seating nipple and pump-out plug one joint off bottom. Run perforated orange-peeled sub on bottom. Land 1-1/2" tubing near bottom of Pictured Cliffs perms at 3543'.
9. ND BOP and NU wellhead. Pump out plugs. Record final gauges. Release rig

Recommended: _____
Operations Engineer

Approval: *J. C. [Signature]* 8/8/25
Drilling Superintendent

PERTINENT DATA SHEET

8/7/95

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|--|--------------|---------------------------------|---|---------------|----------------|--|-----|----|----------|--|------|----|---------|----------------------|-----|---------|--------|--|------|---------|---------|------------------------|-----|---------|---------|--|---|---------|--|
| WELLNAME: Burnt Mesa # 1A | | DP NUMBER: 7085 (PC) / 7082 (MV) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | PROP. NUMBER: 0020594 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL TYPE: Los Pinos Fruitland Pictured Cliffs Blanco Mesaverde | | ELEVATION: GL: 6548' KB: 6561' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: 1830' FSL, 1550 FEL Sec. 25, T32N, R07W San Juan County, New Mexico Latitude / Longitude: 36.948720 - 107.513690 | | <table border="0"> <tr> <td>INITIAL POTENTIAL:</td> <td><u>AOF</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td>680</td> <td>PC</td> <td>10/28/90</td> </tr> <tr> <td></td> <td>3693</td> <td>MV</td> <td>3/26/77</td> </tr> <tr> <td>INITIAL SITP:</td> <td>602</td> <td>PC psig</td> <td>8/3/78</td> </tr> <tr> <td></td> <td>1004</td> <td>MV psig</td> <td>9/26/77</td> </tr> <tr> <td>LAST AVAILABLE:</td> <td>365</td> <td>PC psig</td> <td>2/15/90</td> </tr> <tr> <td></td> <td>-</td> <td>MV psig</td> <td></td> </tr> </table> | | INITIAL POTENTIAL: | <u>AOF</u> | | | | 680 | PC | 10/28/90 | | 3693 | MV | 3/26/77 | INITIAL SITP: | 602 | PC psig | 8/3/78 | | 1004 | MV psig | 9/26/77 | LAST AVAILABLE: | 365 | PC psig | 2/15/90 | | - | MV psig | |
| INITIAL POTENTIAL: | <u>AOF</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | - | MV psig | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OWNERSHIP: GWI: 75.0000% NRI: 87.5000% SJBT: 25.0000% | | DRILLING: SPUD DATE: 7/28/77 COMPLETED: 9/29/77 TOTAL DEPTH: 6158' PBD: 6122' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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> | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 3/4" | 9 5/8" | 36# | K55 | 208' | | 190 sx. | Circ. to surf. | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 3/4" | 7" | 20# | K55 | 3715' | | 190 sx. | 2' 00' (TS) | | | | | | | | | | | | | | | | | | | | | | | | |
| Liner | 4 1/2" | 10.5# | K55 | 3545'-6158' | Pkr. set @ 3629' | 320 sx. | Circ. to TOL | | | | | | | | | | | | | | | | | | | | | | | | |
| Tubing | PC 1 1/2" | 2.9# | J55 | 3543' | EUE tbg. 1 jt., SN, 112 jts. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MV 1 1/2" | 2.9# | J55 | 5876' | EUE tbg., 1 jt., SN, 70 jts, Model R-3 Double Grip Pkr., 1 jt., B jt, sub, 119 jts. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORMATION TOPS: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ojo Alamo | 1390' | | | Gallup | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Fruitland | 3312' | | | Greenhorn | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Pictured Cliffs | 3442' | | | Graneros | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Intermediate | 3742' | | | Dakota | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Cliffhouse | 5502' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Point Lookout | 5776' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOGGING: GR-Ind., GR-Density, GR-Corr., GR, Neutron | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERFORATIONS | | PC: 3370', 3378', 3388', 3398', 3406', 3414', 3420', 3430', 3438', 3446', 3454', 3488', 3496', 3506', 3512', 3520', 3528', 3536', 3550', 3560', 3568' - 21 holes MV: 5605', 5613', 5621', 5628', 5635', 5812', 5820', 5828', 5836', 5844', 5855', 5863', 5870', 5895'. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STIMULATION: | | PC: 194,500 gl water & 207,000# 20/40 sand. MV: 110,000 gl. water, 55,000# 20/40 sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORKOVER HISTORY: | | Aug-80 Change out tbg. spools, set RPB above MV. Run CR/CBL, good cmt. bond across PC. Perf'd upper and lower PC, frac. w/ 194,500 frs. water and 207,000# 20/40 sand. Recover RBP. Land MV 1 1/2" tbg. @ 5896'. Land 1 1/2" PC tbg. W 3543'. Release rig. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRODUCTION HISTORY: | | <u>Gas</u> | <u>Oil</u> | DATE OF LAST PRODUCTION: | | <u>Gas</u> | <u>Oil</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| Cumulative as of 1995 PC | 6.1 MMcf | 0 bo | | PC | Dec. '88 | 5.7 Mcf/m | 0 bo | | | | | | | | | | | | | | | | | | | | | | | | |
| Current: | 0 Mcf | 0 bo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cumulative as of 1995 MV | 513.8 MMcf | 688 Mbo | | MV | May '95 | 109 Mcf/m | 0 bo | | | | | | | | | | | | | | | | | | | | | | | | |
| Current | 109 Mcf/m | 0 bo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIPELINE: Northwest Pipeline | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Burnt Mesa 1A

CURRENT - 7/21/95

DPNO: 7082 / 7085

Blanco Mesaverde / Fruitland Pictured Cliffs

1843' FSL, 1550 FEL

Section 25, T-32-N, R-07-W,

San Juan County, NM

Latitude / Longitude: 36.948720 - 107-513690

Spud: 7-28-77

Completed : 10-28-80

