

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

Sundry Notices and Reports on Wells

95 SEP 19 AM 8:36

1. Type of Well
GAS

070 FARMINGTON, NM

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

1660' FSL, 1150' FWL, Sec. 4, T-29-N, R-8-W, NMPM

5. Lease Number
SF-078487

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Hill #211

9. API Well No.
30-045-27011

10. Field and Pool
Basin Fruitland Coal

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 plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
OCT 10 1995

OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LWD6) Title Regulatory Administrator Date 9/15/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

NMOC

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OCT 05 1995
MANAGER

PLUG & ABANDONMENT PROCEDURE

9/12/95

Hill #211
Basin Fruitland Coal
SW, Section 4, T-29-N, R-8-W
San Juan Co., New Mexico

Note: *All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.*

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and MOI safety rules and regulations.
2. Move on and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and load with water. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 2 3/8" tubing, visually inspect tubing and if necessary LD production tubing and PU work string. Run gauge ring (7", 20#) to 3149'.
4. **Plug #1 (Pictured Cliffs top & Fruitland perms, 3149' – 2776')**: RIH with open ended tubing to 3149' or as deep as possible. Pump 15 bbls water down tubing. Spot a balanced plug with 117 sxs Class B cement (50% excess, long plug) over PC top and FtC perforations up to 2776'. POH and WOC. RIH and tag cement. Load casing and pressure test to 500 psi. PUH to 2250'.
5. **Plug #2 (Kirtland/Ojo Alamo tops, 2250' – 1973')**: Mix 63 sxs Class B cement and spot balanced plug from 2250' -- 1973'. PUH to 1250'.
6. **Plug #3 (Nacimiento top, 1250' – 1150')**: Mix 29 sxs Class B cement and spot a balanced plug from 1250' -- 1150'. POOH and LD tubing.
7. **Plug #4 (Surface, 274' – Surface)**: Perforate 2 holes @ 274'. Establish circulation out bradenhead valve. Mix and pump Class B cement down 7" casing, circulate good cement out bradenhead valve (calculated volume 94 sxs w/ no excess). Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors.
9. Restore location per BLM stipulations.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

LWD/CRF/crf

Hill #211

P & A

Basin Fruitland Coal
DPNO 3434A

1660' FSL, 1150' FWL,
Section 4, T-29-N, R-8-W, San Juan County, NM

Spud: 11-10-88

Completed : 11-29-88

Plug #4 – 274' – Surface
Perf @ 274'
Cmt w/ 94 sxs Class B

(12 1/4" Hole)
9-5/8", 32.3#, H40, Csg set @ 224'
Circulated 177 cf cmt to surface

TOC @ 760' (TS)

Nacimiento @ 1200'

Plug #3 – 1250' – 1150'
Cmt w/ 39 sxs Class B

Ojo Alamo @ 2023'

Plug #2 – 2250' – 1973'
Cmt w/ 73 sxs Class B

Kirtland @ 2200'

Fruitland @ 2826'

Plug #1 – 3149' – 2776'
CR @ 2826'
Cmt w/ 117 sxs Class B

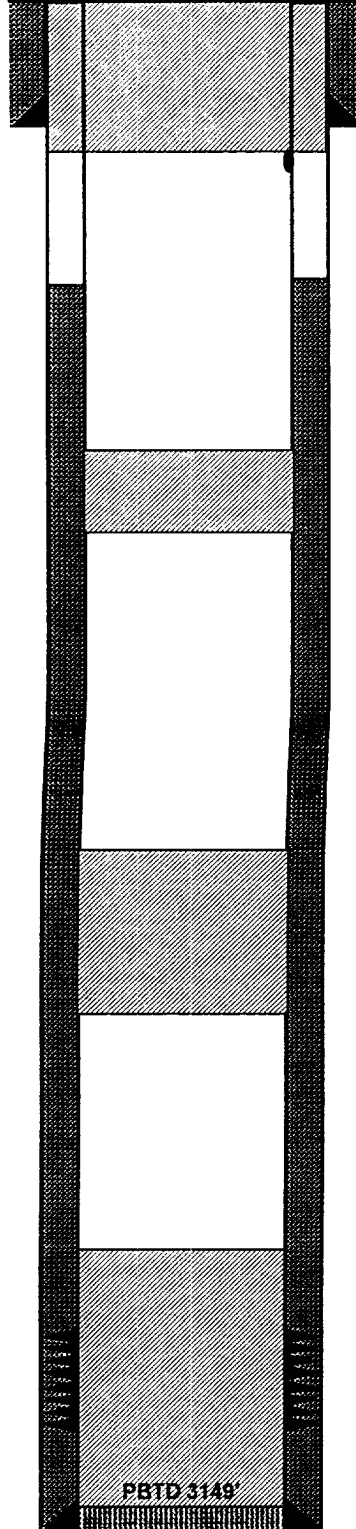
Perfs @ 3000'-12'; 3014' - 22'; 3036' - 46';
3048' - 56'; 3068' - 70'; 3072' - 76'; 3078' -
80'; 3093' - 3102' w/2 spf

Pictured Cliffs @ 3132'

PBTD 3149'

(8 3/4" Hole)
7", 20#, K55, Csg set @ 3159',
cmt w/1123 cf cmt to 760' (TS)

TD 3160'



Hill #211

CURRENT -- 9-12-95

Basin Fruitland Coal
DPNO 3434A

1660' FSL, 1150' FWL,
Section 4, T-29-N, R-8-W, San Juan County, NM

Spud: 11-10-88

Completed : 11-29-88

