

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

|  |   |
|--|---|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other   | 5. Lease Serial No.<br>NMSF078908                         |
| 2. Name of Operator<br>SOUTHLAND ROYALTY COMPANY LLC<br>Contact: ERIC KITTINGER<br>Email: ekittinger@mspartners.com                | 6. If Indian, Allottee or Tribe Name                      |
| 3a. Address<br>AZTEC, NM 87410   | 7. If Unit or CA/Agreement, Name and/or No.<br>8920007130 |
| 3b. Phone No. (include area code)<br>Ph: 817.334.8302  | 8. Well Name and No.<br>LINDRITH NP 114                   |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 7 T24N R2W SWSE<br>36.321098 N Lat, 107.087225 W Lon | 9. API Well No.<br>30-039-23817-00-S1                     |
|  | 10. Field and Pool or Exploratory Area<br>S BLANCO P      |
|  | 11. County or Parish, State<br>RIO ARRIBA COUNTY, NM      |

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |  |  |   |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing        | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
|  | <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                   | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

SRC requests approval to plug and abandon the Lindrith Unit NP #114.  
Attached are the Proposed Procedure, WBDs, and Reclamation Plan and Owner Letter.

Notify NMOCD 24 hrs  
prior to beginning  
operations

NMOCD

JUN 03 2019

DISTRICT III

|   |                          |
|---|--------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br>Electronic Submission #464174 verified by the BLM Well Information System<br>For SOUTHLAND ROYALTY COMPANY LLC, sent to the Rio Puerco<br>Committed to AFMSS for processing by ALBERTA WETHINGTON on 05/13/2019 (19AMW0005SE) |                          |
| Name (Printed/Typed) CONNIE BLAYLOCK  | Title REGULATORY ANALYST |
| Signature (Electronic Submission)   | Date 05/06/2019          |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |                                 |                          |
|---|---------------------------------|--------------------------|
| Approved By <u>JOE KILLINS</u>  | Title <u>PETROLEUM ENGINEER</u> | Date <u>05/29/2019</u>   |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |                                 | Office <u>Rio Puerco</u> |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOCD

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Lindrith Unit NP 114

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. **Plug number 1:** Operator must run a CBL (3270' – surface). Submit electronic copy of the log for verification to the following addresses: [jkillina@blm.gov](mailto:jkillina@blm.gov) and [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us) . Based on CBL results inside/outside plug may be required. Cement volumes may be adjusted accordingly.
4. **Plug number 2:** Inside and Outside plugs will be required based on CBL and historical Temperature Survey results. Adjust proposed inside/outside cement interval (1500-1200) volumes accordingly.
5. **Plug number 3:** as proposed

## P&A PLANNED PROCEDURE

### Lindrith Unit #114

1. MIRU.
2. Run a casing scraper to 3,300'
3. Set CIBP @ 3,270'
4. Spot 28 sx Class B Cement on top of plug. (est'd TOC @ 2,920). WOC. Tag TOC.
5. Spot balanced cement plug from 1,200' – 1,500' with 24 sx Class B cement. WOC. Tag TOC.
6. Perforate 3 holes @ 200'.
7. Pump 72 sx Class B Cement to fill annulus up through bradenhead and production casing string to surface. If unable to circulate, top off as needed.
8. Cut off wellhead below surface casing flange. Install P&A marker.



Southland Royalty Company

**Lindrith Unit #114  
Rio Arriba County, NM**

TD - 3,475'; PBTD - 3,464'

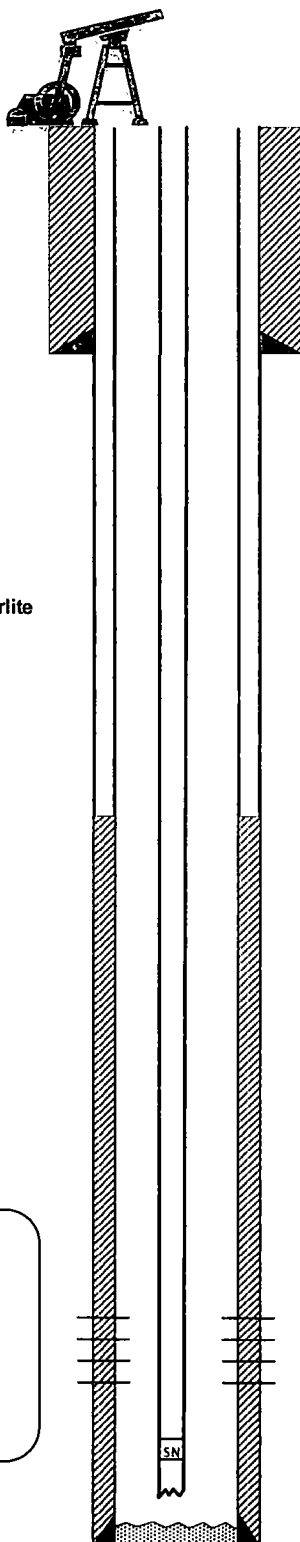
12-1/4" hole to 148' KB.  
Surface Csg: 3 jts 8 5/8" 24# K-55  
Setting Depth: 146'

Cement  
120sx class "B" w/ 1/4#/sx gel-flake, 3% CaCl  
Circulated cmt to surface

6-1/4" hole to 3,475'  
Production Csg: 83 jts 4.5" 10.5# J-55  
Setting Depth: 3,475'

Cement:  
40sx class "B" 65/35 POZ w/ 6% gel, 1/2 cu.ft perlite  
followed by 75sx class "H" w/ 10% RFC  
TOC @ 1,500'

**S. Blanco Pic. Cliffs Frac 10/03/1985:**  
3322', 24', 27', 30', 40', 43', 46', 49', 52',  
64', 67', 70', 80', 82', 94', 97', 3400', 11',  
17', 30', 33', 50', 52'  
3,322'-3,542'  
1 SPZ  
70,000# 20/40 sand



PBTD: 3,464'

Prepared by: SThompson

Date: 01/10/2019

KB = 7,229'

GL = 7,209'

API# 30-039-23817

Spud Date: 08/26/1985  
Date Completed: 10/03/1985

Ojo Alamo: 3,020'

Kirtland: 3,195'

Fruitland: 3,250'

Pictured Cliffs: 3,314'

**Prod Tbg 02/18/1998:**

1.66" 2.33# J-55

12.0-417.0

1.25" 2.33# CW-55

EOT=3,442'; SN= 3,418'





Southland Royalty Company

## PROPOSED P&A

KB = 7,229'  
GL = 7,209'  
API# 30-039-23817

Spud Date: 08/26/1985  
Date Completed: 10/03/1985

### Lindrith Unit #114 Rio Arriba County, NM

TD - 3,475'; PBTD - 3,464'

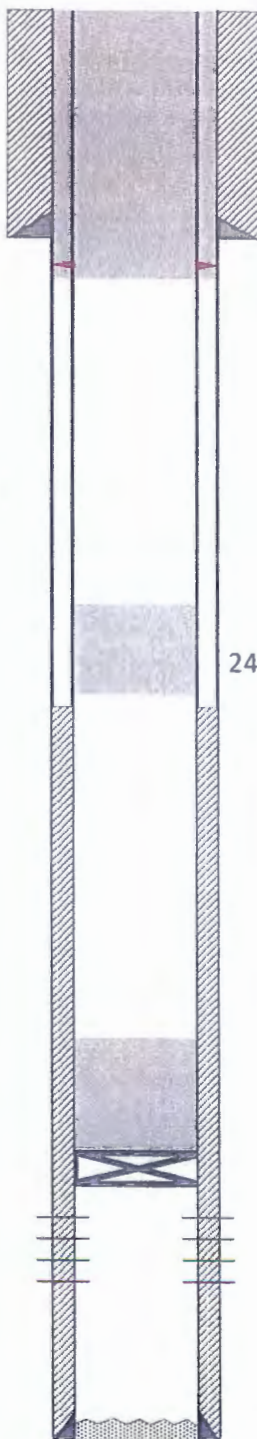
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64', 67', 70', 80', 82', 94', 97', 3400', 11',  
17', 30', 33', 50', 52',  
3,322'-3,542'  
1 SPZ  
70,000# 20/40 sand



#### PLUG 3:

Perf 3 holes @ 200'  
54 sx cement in casing annulus & 18 sx  
cement inside 4-1/2" casing. Bring all  
cement to surface.

#### PLUG 2:

24 sx Cement Balanced Plug from  
1,200' - 1,500'

#### PLUG 1:

Set CIBP @ 3,270'  
Top w/ 28 sx Cmt.  
TOC @ 2,920'

PBTD: 3,464'

Ojo Alamo: 3,020'  
Kirtland: 3,195'  
Fruitland: 3,250'  
Pictured Cliffs: 3,314'

P&A RECLAMATION PLAN  
Lindrith Unit NP #114  
API: 3003923817  
Unit: O Sec: 7 T24N R2W  
1170 FSL & 1510 FEL

General Notes:

- Southland Royalty will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.
- Surface equipment and trash, if any, will be removed.
- The P&A marker will be permanent and comply with NMOCD regulations.

Well Site Reclamation:

- Per the landowner request, the well pad will be left as is and no reclamation or seeding will be conducted.

Access Road Reclamation:

- The associated access road will be left in place for landowner use.

In reference to:

Lindrith Unit NP #114

API: 3003923817

Unit: O Sec: 7 T24N R2W

1170 FSL & 1580 FEL

To whom it may concern:

I, Hap Post, have spoken with representatives of Southland Royalty Company, LLC in regards to the plugging and abandonment of the Lindrith Unit NP #114 which is located on my private property. I am requesting that the well pad be left as is after the well is plugged and no reclamation or seeding is to be conducted.

Signature: \_\_\_\_\_

*Hap Post*

Date: \_\_\_\_\_

*5/6/19*

Hap Post

Landowner