

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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 reverse side.

5. Lease Serial No.
SF 078908

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement Name and/or No.

8. Well Name and No.
LINDRITH B UNIT 84

9. API Well No.
3003925178

10. Field and Pool, or Exploratory Area
LINDRITH GALLUP-DAKOTA, WEST

11. County or Parish, and State
RIO ARRIBA NM

1. Type of Well ☐ Oil Well ☒ Gas Well Other

2. Name of Operator
CONOCO INC.

3a. Address P. O. BOX 2197, DU 3084
HOUSTON, TX 77252-2197

3b. Phone No. (include area code)
281.293.1613

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

540FWL 990FSL

M-16-24N-JW

12. CHECK 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"/> Fracture Treat	<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 type="checkbox"/> Plug and Abandon	<input checked="" 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 shall be files 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Conoco Inc. proposes to Temporarily Abandon the above mentioned well as per attached procedures. Note - If well bore integrity will not allow TA, this procedure also covers the possible P&A.

Electronic Submission #2210 verified by the BLM Well Information System for CONOCO INC. Sent to the Rio Puerco Field Office
Committed to AFMSS for processing by Angie Medina-Jones on 12/21/2000

Name (Printed/Typed) YOLANDA PEREZ

Title COORDINATOR

Signature

Date 12/20/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

[Signature]

Lands and Mineral Resources

Title

Date

01-09-01

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

Revisions to Operator-Submitted EC Data for Sundry #2208

	Operator Submitted	BLM Revised (AFMSS)
Lease:	SF 078908	
Agreement:	0820789080	
Operator:	CONOCO INC. P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197	CONOCO INC. P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197
Contact:	YOLANDA PEREZ	YOLANDA PEREZ
Title:	COORDINATOR	COORDINATOR
Phone:	281.293.1613	281.293.1613
Fax:	281.293.5466	281.293.5466
Email:	yolanda.perez@usa.conoco.com	yolanda.perez@usa.conoco.com
Wells:	3003925178 LINDRITH B UNIT 84 SWSW Sec 16 T24N R2W Mer 540FWL 990FSL	3003925178 LINDRITH B 84 SWSW Sec 16 T24N R2W Mer NMP

TEMPORARY ABNDONMENT or
PLUG AND ABANDONMENT PROCEDURE

12/15/00

Lindrith B Unit #84

Lindrith Dakota
990' FSL and 540' FWL, Section 16, T24N, R2W
Rio Arriba County, New Mexico, API #30-039-25718
Long / Lat,

Notify the BLM about the planned casing pressure test with sufficient time for them to witness. This procedure plans to T&A the well if the casing pressure tests. If the casing does not test, then continue with P&A procedures.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Conoco safety rules and regulations. Conduct JSA meeting for all personnel on location.
MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary.
2. Unseat pump to insure the rods are free; hot oil if necessary. Re-seat pump and pressure test the tubing to 750#. POH and LD rods and pump. ND wellhead and NU BOP and stripping head; test BOP. Release anchor and TOH with 2-7/8" tubing, 7643'.
4. Set 5-1/2" wireline **CIBP at 7690'**. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500# for 30 minutes; note any drop off in 5-minute intervals. If casing does not test then proceed with P&A. If casing tests then circulate well with 1% water based corrosion inhibitor. TOH and LD tubing.
5. ND BOP and NU wellhead. RD, MOL, and clean up location.

P&A Procedure

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.

6. **Plug #1 (Dakota Interval, 7690' – 7545')**: Mix 22 sxs Type II cement and spot a balanced plug inside casing above CIBP to isolate the Dakota perforations. PUH to 6615'.
7. **Plug #2 (Gallup top, 6615'-6515')**: Mix 17 sxs Type II cement and spot a balanced plug inside casing to cover Gallup top. Spot or tag plugs as appropriate. PUH to 4495'.
8. **Plug #3 (Mesaverde top, 4995'-4895')**: Mix 17 sxs Type II cement and spot balanced plug inside casing to cover Mesaverde top. PUH to 3270'.
9. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3270'-2805')**: Mix 57 sxs Type II cement and spot balanced plug inside casing to cover through Ojo Alamo. PUH to 1440'.
10. **Plug #5 (Nacimiento top, 1440' – 1340')**: Mix 17 sxs Type II cement and spot balanced plug inside casing to cover through Nacimiento top. TOH to 525'.
11. **Plug #6 (8-5/8" casing shoe, 525' to Surface)**: Mix 65 sxs Class B cement and spot balanced plug inside casing from 525' to surface, circulate good cement out casing valve. LD tubing

12. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Lindrith B Unit #84

Proposed P&A

Lindrith Dakota

SW, Section 16, T-24-N, R-2-W, Rio Arriba County, NM

Long / Lat

API #30-039-25718

Today's Date: 12/15/00

Spud: 6/23/92

Completed: 7/22/92

Elevation: 7205' GI
7215' KB

17-1/2" hole

Circulate 76 bbls Cement to Surface

13-3/8" 48#, H-40 Casing set @ 475'
Cmt w/550 sxs (Circulated to Surface)

Plug #6 525' - Surface
Cement with 65 sxs

Plug #5 1440' - 1340'
Cement with 17 sxs

Plug #4 3270' - 2805'
Cement with 57 sxs

DV Tool @ 3290'
Cmt with 670 sxs (1996 cf)
TOC @ DV Tool (Calc, 75%)

Plug #3 4995' - 4895'
Cement with 17 sxs

Plug #2 6615' - 6515'
Cement with 17 sxs

Set CIBP @ 7690' **Plug #1 7690' - 7545'**
Dakota Perforations: Cement with 22 sxs
7740' - 7774'

5-1/2" 17#, L-80 Casing set @ 7935'
Cmt with 650 sxs (1608 cf)

Nacimiento @ 1390'

Ojo Alamo @ 2855'

Kirtland @ 3045'

Fruitland @ 3095'

Pictured Cliffs @ 3220'

Mesaverde @ 4945'

Gallup @ 6565'

Dakota @ 7595'

PBTD 7756'

8-3/4" hole

TD 7935'

Lindrith B Unit #84

Current

Lindrith Dakota

SW, Section 16, T-24-N, R-2-W, Rio Arriba County, NM

Long / Lat

API #30-039-25718

Today's Date: 12/15/00

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Cmt w/550 sxs (Circulated to Surface)

Nacimiento @ 1390'

Ojo Alamo @ 2855'

Kirtland @ 3045'

Fruitland @ 3095'

Pictured Cliffs @ 3220'

2-7/8" Tubing set @ 7643'
(Tubing anchor and rods)

Mesaverde @ 4945'

DV Tool @ 3290'
Cmt with 670 sxs (1996 cf)
TOC @ DV Tool (Calc, 75%)

Gallup @ 6565'

Dakota @ 7595'

Dakota Perforations:
7740' – 7774'

5-1/2" 17#, L-80 Casing set @ 7935'
Cmt with 650 sxs (1608 cf)

8-3/4" hole

PBTD 7756'

TD 7935'

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.