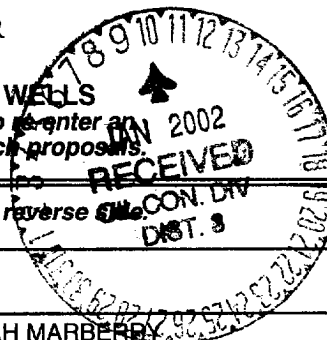


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF 078907
2. Name of Operator CONOCO INC.		6. If Indian, Allottee or Tribe Name
Contact: DEBORAH MARBERRY E-Mail: deborah.moore@usa.conoco.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252	3b. Phone No. (include area code) Ph: 281.293.1005 Fx: 281.293.5466	8. Well Name and No. LINDRITH B UNIT 38
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T24N R2W NESW 990FNL 990FEL		9. API Well No. 30-039-23872
		10. Field and Pool, or Exploratory GAVILAN MANCOS
		11. County or Parish, and State RIO ARRIBA COUNTY, NM

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 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 shall 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 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 proposes to plug and abandon this well using the attached procedure. Also attached are the current and proposed schematic.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #8309 verified by the BLM Well Information System For CONOCO INC., sent to the Rio Puerco Committed to AFMSS for processing by Angie Medina-Jones on 11/02/2001 ()</b>	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 10/29/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title Lands and Mineral Rights	Date 10/29/01
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

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

*Surface restoration requirements attached -*

# Lindrith B Unit #38

Current

Gallup

(K), Section 4, T-24-N, R-2-W, Rio Arriba County, NM

Lat:

Long:

Today's Date: 10/17/01  
Spud: 11/14/85  
Comp: 6/3/86  
Elevation: 7149' GL  
7162' KB

17-1/2" Hole

13-3/8" 48# H-40 Casing @ 400'  
450 sxs cement (Circulate to Surface)

Nacimiento @ 1410'

*cont  
11/8/01  
done -*

Ojo Alamo @ 2930'

Kirtland @ 3040'

Fruitland @ 3130'

Pictured Cliffs @ 3265'

12-1/4" Hole to 3425'

8-5/8" 24# Casing @ 3425'  
Cement with 2958 cf  
(Circ. 150 sx to Surf.)

Mesaverde @ 4982'

2-3/8" Tubing set at 6869'  
SN @ 6836'  
Tbg Anchor @ 6557'

Gallup @ 6622'

Gallup Perforations:  
6624'-6847'

Mancos @ 6875'

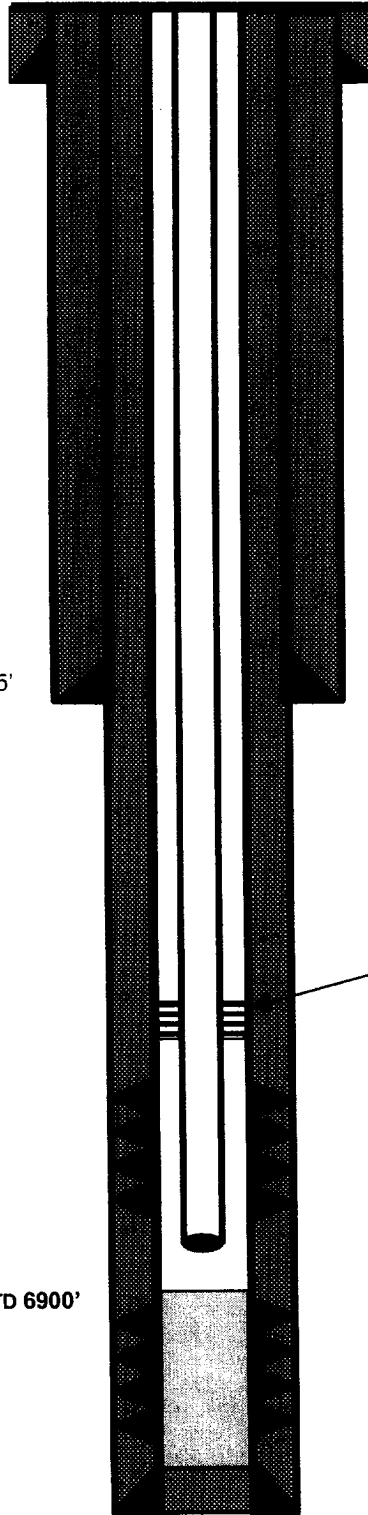
PBTD 6900'

Mancos Perforations:  
6921' - 7017'  
Sq w/234 cf cmt, TOC = 6900'

5-1/2" 15.5# Casing @ 7100'  
Cemented with 3215 cf  
Circ. 190 sx cmt to Surf.

7-7/8" Hole to TD

TD 7100'



# Lindrith B Unit #38

## Proposed P&A

Gallup

(K), Section 4, T-24-N, R-2-W, Rio Arriba County, NM

Today's Date: 10/17/011  
Spud: 11/14/85  
Comp: 6/3/86  
Elevation: 7149' GL  
7162' KB

17-1/2" Hole

**Plug #5: 450' - Surface**  
Cmt with 51 sxs

13-3/8" 48# H-40 Casing @ 400'  
450 sxs cement, (Circulate to Surface)

Nacimiento @ 1410'

**Plug #4: 1460'-1360'**  
Cmt with 17 sxs

Ojo Alamo @ 2930'

Kirtland @ 3040'

**Plug #3: 3475'-2880'**  
Cmt with 73 sxs

Fruitland @ 3130'

Pictured Cliffs @ 3265'

12-1/4" Hole to 3425'

8-5/8" 24# Casing @ 3425'  
Cmted with 2958 cf  
(Circ. 150 sx to Surf.)

Mesaverde @ 4982'

**Plug #2: 5032'-4932'**  
Cmt with 17 sxs

Gallup @ 6622'

**Plug #1: 6574'-6474'**  
Cmt with 17 sxs

**Set 5-1/2" CIBP @ 6574'**

Gallup Perfs  
6624' - 6847'

PBTD 6900'

Mancos Perfs @ 6921'-7017'  
Sqzd w/234 cf cmt

Mancos @ 6875'

7-7/8" Hole to TD

5-1/2" 15.5# Casing @ 7100'  
Cemented with 3215 cf  
(Circ. 190 sx cmt to Surf.)

TD 7100'

## PLUG AND ABANDONMENT PROCEDURE

10/17/01

**Lindrith B Unit #38**  
Undesignated Gallup  
1850' FSL & 1850' FWL, (K) Section 4, T24N, R2W  
Rio Arriba County, 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. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP. There may be rods in well??
2. Release tubing anchor at 6557'. TOH with 221 joints 2-3/8" tubing and LD anchor. Visually inspect. LD tbg anchor. If necessary, LD tubing and PU and tally tubing workstring.
3. **Plug #1 (Gallup perforations, 6574' – 6474')**: Set 5-1/2" wireline CIBP or CR at 6574'. TIH with open-ended tubing and tag. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 17 sxs cement and spot a balanced plug above the CIBP to isolate the Gallup interval. PUH to 5032'.
4. **Plug #2 (Mesaverde top, 5032' - 4932')**: Mix 17 sxs cement and spot balanced plug inside the casing to cover the Mesaverde top. PUH to 3475'.
5. **Plug #3 (8-5/8" Casing shoe, Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops, 3475' – 2880')**: Mix 73 sxs cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH to 1460'.
6. **Plug #4 (Nacimiento top, 1460' – 1360')**: Mix 17 sxs cement and spot balanced plug inside casing to cover Nacimiento top. PUH to 450'.
7. **Plug #5 (13-3/8" Surface casing, 450' - Surface)**: Mix 51 sxs cement and spot balanced plug inside casing and circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC.
8. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

## 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.

IN REPLY REFER TO  
3162.3-1 (017)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
Albuquerque Field Office  
435 Montano N.E.  
Albuquerque, New Mexico 87107

Company Conoco Inc.

Well No. Lindirith B Unit No. 38

Location 990' FNL & 990' FEL Sec.4, T24N, R2W, NMPM

Lease No. NMSF-078907

Government Contacts:

Bureau of Land Management , Albuquerque Field Office Office 505.761.8700  
Manager: Steve Anderson, Assistant Field Manager 505.761.8982  
Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,  
Pager 505.381.0346, Cell 505.249.7922,  
Petroleum Engineering Technician: **Al Yepa 505.252.6981 and 505.289.3748**  
BLM Geology / Environmental Contact: Patricia M. Hester 505.761.8786

**GENERAL REQUIREMENTS**  
**FOR**  
**OIL AND GAS OPERATIONS ON FEDERAL AND INDIAN LEASES**

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. For wells on Indian leases, Bryce Hammond with the Jicarilla Nation Tribal Oil and Gas Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1823, x-31 office, (505) 320-9741 cell. Office hours are 7:45 a.m. to 4:30 p.m.
3. Blowout prevention equipment is required.
4. The sundry is approved as submitted.