

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

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 72

9. API Well No.
3003924090

10. Field and Pool, or Exploratory Area
GAVILAN MANCOS

11. County or Parish, and State
RIO ARRIBA NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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)

990FEL 990FNL A. 8-24N-2W

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 Inc. proposes to Plug & Abandon the above mentioned well as per attached procedures.

* Surface Restoration Attached

* Completion Report (attached) dated
Change plugs 4 & 5

#4 Perforate @ 1515, CR @ 1465, Place 8 1/2" screen, 50
below CR, 12 above

#5 Perforate @ 528', Circulate cement to surface ~175 sec

Electronic Submission #2112 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 12/06/2000

Name (Printed/Typed) YOLANDA PEREZ Title COORDINATOR

Signature Date 12/05/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By [Signature] Title Lands and Mineral Resources Date 12/7/00

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

PLUG AND ABANDONMENT PROCEDURE

11/29/00

Lindrith B Unit #72
 Lindrith West Gallup / Dakota
 990' FNL and 990' FEL, Section 1, T24N, R3W
 Rio Arriba County, New Mexico
 API #3003924090
 Lat. N 36°19.8' Long. W 107° 04.0'

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 rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Conoco safety rules and regulations. MOL and RU daylight pulling unit. Conduct JSA safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and visually inspect the 2-3/8" tubing (698') in the well. Prepare and tally a workstring. Round trip a 5-1/2" gauge ring to 5950' or as deep as possible.
3. **Plug #1 (Dakota perforations, 3-1/2" liner top and Gallup top, 7802' – 5950')**: Pick up a 5-1/2" packer and TIH. Set packer at 5950' and then pump water down the tubing to establish rate into Dakota perforations. TOH and LD packer. TIH and set 5-1/2" cement retainer at 5950'. Pressure test the tubing to 1000#. Sting out of the CR and load the casing with water. Circulate the well clean and then pressure test the casing to 800#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 125 sxs cement and squeeze 115 sxs (50% excess, long plug) below the retainer to fill the Dakota perforations and cover the Gallup top, then spot 10 sxs above. PUH to 5038'.
4. **Plug #2 (Mesaverde top, 5038' – 4938')**: Mix 17 sxs cement and spot balanced plug inside casing to cover Mesaverde top. PUH to 3372'.
5. **Plug #3 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3372' – 2770')**: Mix 74 sxs cement and spot balanced plug inside casing to cover through Ojo Alamo top. PUH to 1515'.
Plug #4 Cement Retainer @ 1515', 50 sacks below, 12 sacks above.
6. **Plug #4 (Nacimiento top, 1450' – 1350')**: Mix 17 sxs cement and spot balanced plug inside casing to cover Nacimiento top. PUH to 488'.
- TOC at 210' per completion report - need cement behind casing.
7. **Plug #5 (9-5/8" casing shoe, 488' - Surface)**: Mix 55 sxs cement from 488' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC.
Perforate @ 528, Circulate cement to surface @ 175 sxs
8. 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.

125
65

Lindrith B Unit #72

Proposed P&A

Lindrith West Gallup / Dakota
NE, Section 1, T-24-N, R-3-W, Rio Arriba County, NM
API #30-039-24090

Lat. N 36° 19.8' Long. W 107° 04.0'

Today's Date: 11/29/00
Spud: 11/21/86
Completed: 3/30/87
Elevation: 7206' GL

12-1/2" Hole

Nacimiento @ 1465'

Ojo Alamo @ 2820'

Kirtland @ 3160'

Fruitland @ 3205'

Pictured Cliffs @ 3322'

Mesaverde @ 4988'

Gallup @ 6637'

Dakota @ 7774'

7-7/8" Hole

4-3/4" Hole

TD 8030'

Cement Circulated to Surface (Calc, 75%)

9-5/8" 32.3#, H-40 Casing set @ 438'
Cmt with 325 sxs (Circulated to Surface)

Refract @ 508' Plug #5 488' - Surface
Cement with 55 sxs to surface,

Plug #4 1515' - 1316'
Cement with 17 sxs
CR @ 1515
50 sacks below, 12 above

Plug #3 3372' - 2770'
Cement with 74 sxs

Plug #2 5038' - 4838'
Cmt with 17 sxs Class B

DV tool @ 4901'
Cmt w/860 sxs (1494 cf)

TOC @ DV Tool (Calc, 75%) Plug #1 7802' - 5950'
Cement with 125 sxs,
Set 5-1/2" CR @ 5950' 115 sxs below CR and
3-1/2" Liner Top @ 5971' 10 sxs above.

TOC @ Liner Top (Calc, 75%)

Gallup Perforations:
6610' - 6986'

5-1/2" 15.5#, K-55 Casing set @ 7146'
Cement with 435 sxs (674 cf)

Dakota Perforations:
7774' - 7802'

3-1/2" 9.3# liner set @ 8030'
Cement with 145 sxs (167 cf)

Lindrith B Unit #72

Current

Lindrith West Gallup / Dakota
NE, Section 1, T-24-N, R-3-W, Rio Arriba County, NM

API #30-039-24090

Lat. N 36° 19.8' Long. W 107° 04.0'

Today's Date: 11/29/00

Spud: 11/21/86

Completed: 3/30/87

Elevation: 7206' GL 12-1/2" Hole

Good along yank -

Nacimiento @ 1465'

Ojo Alamo @ 2820'

Kirtland @ 3160'

Fruitland @ 3205'

Pictured Cliffs @ 3322'

Mesaverde @ 4988'

Gallup @ 6637'

Dakota @ 7774'

7-7/8" Hole

4-3/4" Hole

TD 8030'

Cement Circulated to Surface (Calc, 75%)

9-5/8" 32.3#, H-40 Casing set @ 438'
Cmt with 325 sxs (Circulated to Surface)

2-3/8" Tubing set at 698'

Well History

Dec '96: Re-Complete DK: Pull tubing; drill out CR (no records as to when or where set, assumed it was used to squeeze off the Gallup perms) and then drill new open hole to 8030'; log well and cement a 3-1/2" liner from 5971' to 8030'; PT liner, held OK.
No other information about Dakota completion except perforations from 7774' to 7802'.

- TOC at 2100 - per completion report - yank -

DV tool @ 4901'

Cmt w/860 sxs (1494 cf)

TOC @ DV Tool (Calc, 75%)

3-1/2" Liner Top @ 5971'

TOC @ Liner Top (Calc, 75%)

Gallup Perforations:

6610' - 6986'

5-1/2" 15.5#, K-55 Casing set @ 7146'

Cement with 435 sxs (674 cf)

Dakota Perforations:

7774' - 7802'

3-1/2" 9.3# liner set @ 8030'

Cement with 145 sxs (167 cf)

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(Number in-
structions on
reverse side)

Budget Bureau No. 1004-0137
Expires August 31, 1985

5. IMAGE DESIGNATION AND SERIAL NO.

SF-078908

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lindrith "B" Unit

8. FARM OR LEASE NAME

9. WELL NO.

72

10. FIELD AND POOL, OR WILDCAT

Gavilan Extension (Gallup)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 8, T-24N, R-2W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ REPER- EN ☐ PLUG BACK ☐ DIFF. REPER ☐ Other ☐

3. NAME OF OPERATOR

Mobil Producing TX & NM Inc.

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

4. ADDRESS OF OPERATOR

9 Greenway Plaza, Suite 2700, Houston, TX 77046

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

990 FNL & 990 FEL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

10-30-86

15. DATE SPUDDED

11-21-86

16. DATE T.D. REACHED

12-6-86

17. DATE COMPL. (Ready to prod.)

3-30-87

18. ELEVATIONS (DF, RKB, ST, OR, ETC.)*

GR-7206

19. ELEV. CASINGHEAD

7206

20. TOTAL DEPTH, MD & TVD

7146

21. PLUG. BACK T.D., MD & TVD

7060

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gallup 6610-6758, 6811-6895, 6910-6986

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Microlog, Dual Ind., Form Density-Neutron, Long Sp. Sonic

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	32.3#	438	12 1/4	325 sx CL C (429 cf)	Circ 95 sx
5 1/2	15.5#	7146	7 7/8	1015 sx 65/35 POZ +	
				280 sx CL B (2168 cf)	TOC @ 2100

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	SN @ 6988	TAC @ 6584

31. PERFORATION RECORD (Interval, size and number)

Perf Gallup W/1 JSPF @ 6811-95, 6910-86 (42 holes)
Perf Gallup W/1 JSPF @ 6610-6758 (38 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6811-6986	Bkdn W/245 bbl 2% KCL FW + 84 RCNBS. Frac W/90000 gal XL 40# HPG gel 2% KCL FW + 142500# 20/40 GR E. Sd, fl W/6797 gal 2% KCL FW (See Attached)

33. 3-30-87

PRODUCTION				WELL STATUS (Producing or shut-in)			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			Producing			
3-30-87	2 x 1 1/4 x 16 Pump						
DATE OF TEST	HOURS TESTED	CROCK SIZE	PROD. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
4-2-87	24			14.0	35	17	2500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
			14	35	1	45.0 @ 60°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

Nancy Lewis

TITLE

Authorized Agent

WITNESSED BY

R. Gulley

DATE

4-7-87

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

FARMINGTON COPY

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.