

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 14 2008

Sundry Notices and Reports on Wells

Bureau of Land Management  
Farmington Field Office

1. Type of Well  
GAS

2. Name of Operator  
ConocoPhillips

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
Sec., T—N, R—W, NMPM

Unit D (NWNW), 990' FNL & 990' FWL, Sec. 11, T24N, R3W NMPM

5. Lease Number  
SF-078912

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
Lindrith B Unit

8. Well Name & Number

Lindrith B Unit 96

9. API Well No.

30-039-25723

10. Field and Pool

W. Lindrith DK/Gallup

11. County and State  
Rio Arriba, 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

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-off

☐ Conversion to Injection

☐ Other :

RCVD APR 17 '08  
OIL CONS. DIV.  
DIST. 3

13. Describe Proposed or Completed Operations

ConocoPhillips intends to Plug & Abandon well according to the attached procedure and WBD.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Signed Philana Thompson Title Regulatory Tech Date 4/14/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date APR 16 2008

CONDITION OF APPROVAL, if any:

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

Added ... Chacra plug by Steve

NMOCD

## PLUG & ABANDONMENT PROCEDURE

November 22, 2006  
Revised April 3, 2008

### Lindrith B #96

West Lindrith Dakota / Gallup  
990' FNL and 990' FWL, Section 11, T24N, R3W  
Rio Arriba County, New Mexico, API 30-039-25723  
Lat: N 36° 19' 46.236" Long: W 107° 7' 51.96"

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. PU and release pump. Reset pump. Pressure test tubing to 1000#. TOH and LD rods and pump. PU on tubing and release TA @ 7293'. TOH and tally 242 joints 2.875" tubing, total tally 7432'. Note: hCOP Wellview File states tubing at 7648' with Bullplug @ 7648' and SN @ 7611'. However, a fast drill plug was set at 7500' in 1998. Round trip 5.5" gauge ring to 7384', or as deep as possible.
4. **Plug #1 (Dakota interval, 7384' – 7284')**: RIH and set 5.5" CR at 7384'. Mix 18 sxs Type G cement and set a balanced plug inside casing to isolate the Dakota interval. TOH with tubing.  
*6448' 6348' 6448'*
5. **Plug #2 (Gallup top, 6530' – 6430')**: Perforate 3 squeeze holes at 6530'. Set 5.5" cement retainer at 6480'. Mix 62 sxs Type G cement, squeeze 44 sxs outside casing and leave 18 sxs inside casing to cover the Gallup top. PUH to 4925'.
6. **Plug #3 (Mesaverde top, 4925' - 4825')**: Mix 18 sxs Type G cement and set a balanced plug inside casing to cover the Mesaverde top. PUH to 3226'.  
*Chalva top 4080 Plug 4130-4030*
7. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3226' - 2785')**: Mix 56 sxs Type G cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH to 1353'.
8. **Plug #5 (Nacimiento top, 1363' - 1253')**: Mix spot 18 sxs Type G cement and spot a balanced plug inside the casing to cover the Nacimiento top. TOH with tubing.
9. **Plug #6 (Surface, 518' – Surface)**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 65 sxs Type G cement and spot a balanced plug from 518' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and the annulus.

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

# Lindrith B #96

## Current

West Lindrith Dakota / Gallup

990' FNL & 990' FWL, Section 11, T-24-N, R-3-W, Rio Arriba County, NM

Lat: N 36° 19' 46.236" / Long: W 107° 7' 51.96" / API #30-039-25723

Today's Date: 11/22/06

Revised 4/3/08

Spud: 3/23/98

Completed: 5/8/98

Elevation: 6958' KB  
7051' GI

12.25" hole

9.625" 36#, K-55 Csg set @ 468'  
Cmt with 255 sxs (Circulated to Surface)

Nacimiento @ 1303'

Ojo Alamo @ 2835'

Kirtland @ 2955'

Fruitland @ 3040'

Pictured Cliffs @ 3176'

2.875" tubing at 7432'  
(2.44#, 242 joints, TA @ 7293,  
Bullplug, SN; rods and pump)

DV Tool @ 3108'  
Cmt with 665 sxs (1265 cf)  
Circulate 20 bbls to surface

Mesaverde @ 4875'

DV Tool @ 6179'  
Cmt with 590 sxs (1118 cf)  
TOC at 3108', Calc 75%

Gallup @ 6480'

TOC at 6631', Calc 75%

Fast drill plug @ 7500', left  
11' of sand above (1998)

CIBP @ 7800' w/ 10' cement  
and 11' sand (1998)

CIBP @ 7888' w/ 10' cement  
(1998)

Dakota @ 7433'

CIBP @ 7920' w/ 10' cement  
(1998)

8.75" hole

Dakota Perforations:  
7434' – 7447',  
7588' – 7624'  
Dakota Perforations:  
7812' – 7821'

Dakota Perforations:  
7898' – 7908'

Dakota Perforations:  
7925' – 7951'

5.5" 17#, LT&C Casing set @ 8003'  
Cement with 260 sxs, (462 cf)

TD 8004'  
COTD 7489'



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 98 Lindrith B Unit

**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) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Place the Gallup plug from 6448' – 6348' inside and outside the 5 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.