

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions
listed below are made in accordance with OCD Rule 19.15.7.11
and are in addition to the actions approved by BLM on the
following 3160-4 or 3160-5 form.

Operator Signature Date: 5/21/13

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-22138-00-00	LINDRITH B UNIT	002	CONOCOPHILLIPS COMPANY	G	A	Rio Arriba	F	L	28	24	N	3	W

Conditions of Approval:

Extend the Mancos plug up to 5220'

NMOCD Approved by Signature

JUL 09 2013

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 21 2013

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELL
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

SF-078914

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

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

Lindrith B Unit

8. Well Name and No.

Lindrith B Unit 2

2. Name of Operator

ConocoPhillips Company

9. API Well No.

30-039-22138

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

10. Field and Pool or Exploratory Area

West Lindrith Gallup Dakota

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

Surface

Unit L (NWSW), 1739' FSL & 861' FWL, Sec. 28, T24N, R3W

11. Country or Parish, State

Rio Arriba

New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Final Abandonment Notice

☐ Casing Repair

☐ New Construction

☐ Recomplete

☐ Other

☐ Change Plans

☒ Plug and Abandon

☐ Temporarily Abandon

☐ Convert to Injection

☐ Plug Back

☐ 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.)

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

RCVD JUN 4 '13
OIL CONS. DIV.
DIST. 3

**Notify NMOCD 24 hrs
prior to beginning
operations**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Dollie L. Busse

Title **Staff Regulatory Technician**

Signature

Dollie L. Busse

Date

5/21/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAY 23 2013

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.

(Instruction on page 2)

NMOCD

ConocoPhillips
LINDRITH B UNIT 2
Expense - P&A

Lat 36° 16' 44.04" N

Long 107° 10' 2.568" W

PROCEDURE

Note: This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of a steel tank to handle waste fluids circulated from the well and cement wash up. 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 (Class B) mixed at 15.6 ppg with a 1.18 cf/sk yield.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU workover rig. Check casing, tubing, intermediate, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. Load the bradenhead and pressure test to 500 psi. Please call engineer with results.
5. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, if necessary.
6. Unseat pump and TOOH with rods.
7. ND wellhead, **release tubing anchor if needed (February 2013 workover reported that the tubing anchor did not set)** and NU BOPE. Pressure test and function test BOP. PU and remove tubing hanger.
8. TOOH with 2-3/8" tubing (per pertinent data sheet). **Note: Hole in tubing discovered in February 2013.** PU mill and bit sub for 4-1/2" 11.6# casing and run to 7133', or as deep as possible. POOH.

Rods:	Yes	Size:	3/4" (1-1/4" sinker bars)	Length:	7377'
Tubing:	Yes	Size:	2-3/8"	Length:	7407'
Packer:	No	Size:		Depth:	
Tubing Anchor:	Yes	Size:	4-1/2"	Depth:	6167' *ANCHOR WAS NEVER SET

9. Plug 1 (Dakota Perforations, Dakota Formation Top, and Graneros Formation Top, 7083' - 6983', 12 Sacks Class B Cement): PU cement retainer for 4-1/2" 11.6# casing and set at 7083'. Mix 12 sx Class B cement and spot inside the casing above CR to isolate the Dakota perforations, Dakota formation top and the Graneros formation top. POOH.

10. Plug 2 (Gallup Formation Top, 6142' - 6042', 12 Sacks Class B Cement): PU cement retainer for 4-1/2" 11.6# casing and set at 6142'. Pressure test tubing to 1000 psi. Pressure test casing to 600 psi. If casing does not test, then spot and tag subsequent plugs as necessary. Mix 12 sx Class B cement and spot inside the casing above CR to isolate the Gallup perforations and the Gallup formation top. PUH.

11. Plug 3 (Mancos Formation Top, 5467' - 5367', 12 Sacks Class B Cement): Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Mancos formation top. POOH.

12. Plug 4 (Mesa Verde Formation Top, ⁴⁶³⁴4687' - ⁴⁵³⁴4587', 51 Sacks Class B Cement): Perforate 3 HSC holes at ⁴⁶³⁴4687'. PU cement retainer for 4-1/2" 11.6# casing and set at ⁴⁵³⁴4587'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Squeeze 39 sx into holes and leave 12 sx inside casing to isolate the Mesa Verde formation top. POOH.

13. Plug 5 (Intermediate Casing Shoe, 3902' - 3802', 52 Sacks Class B Cement): Perforate 3 HSC holes at 3902'. PU cement retainer for 4-1/2" 11.6# casing and set at 3852'. Establish injection rate into squeeze holes. Mix 52 sx Class B cement. Squeeze 40 sx into holes and leave 12 sx inside casing to isolate the Intermediate casing shoe. POOH.

14. Important: Load the production-intermediate annulus and pressure test to 500 psi. Please call engineer with results. If annulus tests, proceed with remainder of procedure. If annulus does not test, plan on cutting production casing and modifying the procedure.

15. Plug 6 (Pictured Cliffs, Fruitland, and Ojo Alamo Formation Tops, 3030' - 2456', 171 Sacks Class B Cement): Perforate 3 HSC holes at 3030'. PU cement retainer for 4-1/2" 10.5# casing and set at 2980'. Establish injection rate into squeeze holes. Mix 171 sx Class B cement. Squeeze 123 sx into holes and leave 48 sx inside casing to isolate the Pictured Cliffs, Fruitland, and Ojo Alamo formation tops. POOH.

16. Plug 7 (Nacimiento Formation Top, ¹²⁷⁴1374' - ¹¹⁷⁴1274', 44 Sacks Class B Cement): Perforate 3 HSC holes at ¹²⁷⁴1374'. PU cement retainer for 4-1/2" 10.5# casing and set at ¹¹⁷⁴1324'. Establish injection rate into squeeze holes. Mix 44 sx Class B cement. Squeeze 32 sx into holes and leave 12 sx inside casing to isolate the Nacimiento formation tops. POOH.

17. Plug 8 (Surface Casing Shoe, 520' - 420', 44 Sacks Class B Cement): Perforate 3 HSC holes at 520'. PU cement retainer for 4-1/2" 10.5# casing and set at 470'. Establish injection rate into squeeze holes. Mix 44 sx Class B cement. Squeeze 32 sx into HSC holes and leave 12 sx inside casing to isolate the Surface casing shoe. POOH.

18. Plug 9 (Surface Plug, 50' - Surface, 29 Sacks Class B Cement): Perforate 3 HSC holes at 50'. Establish circulation out the bradenhead with water and circulate BH annulus clean. Mix 29 sx Class B cement and pump down production casing to circulate good cement out production and intermediate casing annulus. Shut in well and WOC.

19. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

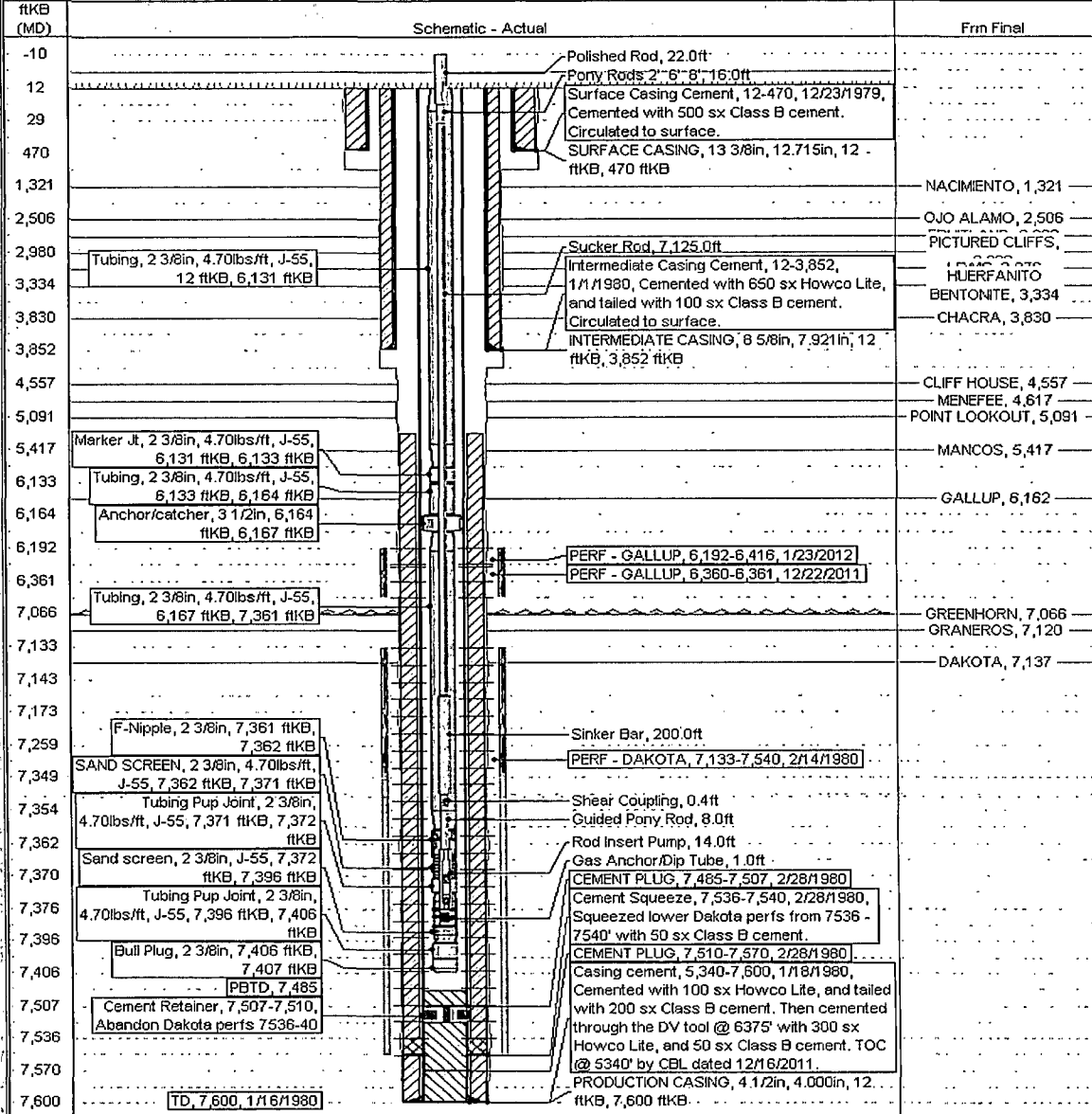
Current Schematic - Version 3

ConocoPhillips

Well Name: LINDRITH B UNIT #2

API/UVI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003922138	NMPM-24N-03W-28-L	DK		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original K&RT Elevation (ft)	K&RT Ground Distance (ft)	K&RT Casing Flange Distance (ft)	K&RT Tubing Hanger Distance (ft)		
7,001.00	7,013.00	12.00	7,013.00	7,013.00		

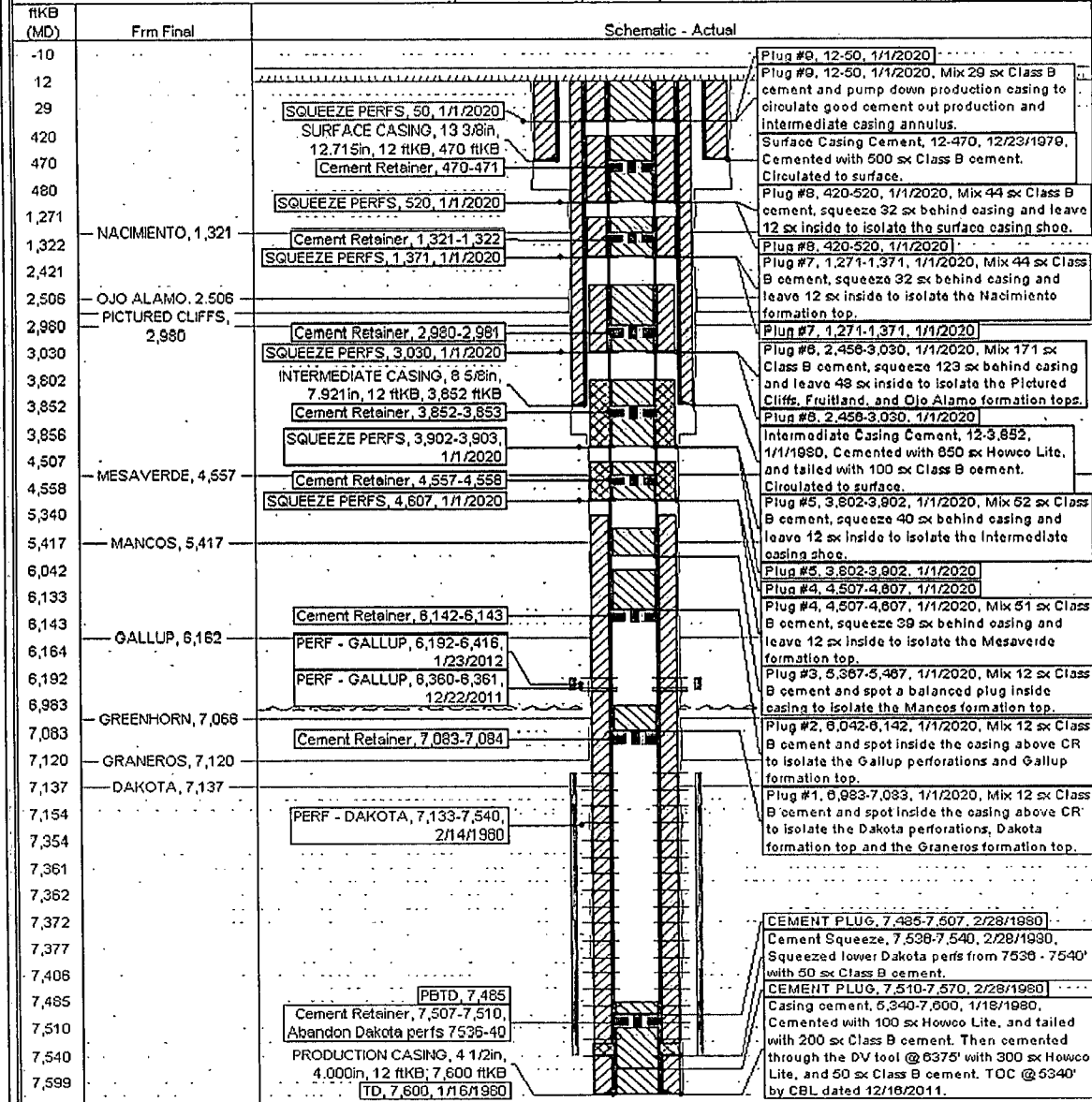
Well Config: Vertical - Original Hole, 4/18/2013 2:49:52 PM



Proposed Schematic

API# UWI 3003922138	Carbide Legal Location NMPM-24N-03W-28-L	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation, ft 7,001.00	Original BRT Elevation, ft 7,013.00	IS-Gravel Distance, ft 12.00	IS-Casing Flange Distance, ft 7,013.00	IS-Tubing Header Distance, ft 7,013.00		

Well Config: Vertical - Original Hole, 1/1/2020



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: 2 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) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Place the Measverde plug from 4634' – 4534' inside and outside the 4 ½" casing.
 - b) Place the Nacimiento plug from 1274' - 1174' inside and outside the 4 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.