

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Jun 19, 2008

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-039-23755</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Lindrith B Unit</b>
8. Well Number <b>35</b>
9. OGRID Number <b>217817</b>
10. Pool name or Wildcat <b>Lindrith Gallup Dakota</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator  
**ConocoPhillips Company**

3. Address of Operator  
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location  
Unit Letter **G** : **1914** feet from the **North** line and **2076** feet from the **East** line  
Section **9** Township **24N** Range **03W** NMPM **Rio Arriba County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**6978' GR**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**  
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

**SUBSEQUENT REPORT OF:**  
REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. A Closed Loop System will be utilized for this P&A

Notify NMOCD 24 hrs  
prior to beginning  
operations

OIL CONS. DIV DIST. 3

AUG 18 2015

Gallup plug 5955-6055  
Mancos plug 5425-5525  
Mesa Verde plug 4775-4875  
Chacra plug 3530-3630, this is an inside/outside plug perforate at 3630'  
DC plug 3050-3150  
Kirtland/Fruitland plug 2725-3055, this is an inside/outside plug  
Ojo Alamo plug 2685-2785, this is an inside/outside plug  
Nacimiento plug 1255-1355, this is an inside/outside plug

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Arleen White TITLE Staff Regulatory Technician DATE 8/17/15

Type or print name Arleen White E-mail address: arleen.r.white@conocophillips.com PHONE: 505-326-9517  
For State Use Only

APPROVED BY: Bob Bell DEPUTY OIL & GAS INSPECTOR  
TITLE DISTRICT #3 DATE 8/31/15  
Conditions of Approval (if any):

4 pc

**ConocoPhillips**  
**LINDRITH B UNIT 35**  
**Expense - P&A**

Lat 36° 19' 36.62" N

Long 107° 9' 34.308" W

**PROCEDURE**

**Plugs are based on CBL from November 13, 1985.**

**This project requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.**

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 and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact the Wells Engineer.**
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger
5. Load hole and pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.*

**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 Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.**

**6. Plug 1 (Gallup, 6320-6420', 17 Sacks Class B Cement)**

Pick up work string and trip in hole. Mix cement as described above and spot a balanced plug inside casing. Pull up hole.

**7. Plug 2 (Mancos , 5670-5770', 17 Sacks Class B Cement)**

Mix cement as described above and spot a balanced plug inside casing. Pull up hole.

**8. Plug 3 (Mesa Verde, 4802-4902', 17 Sacks Class B Cement)**

Mix cement as described above and spot a balanced plug inside casing. Pull up hole.

**9. Plug 4 (Chacra, 4025-4125', 17 Sacks Class B Cement)**

Mix cement as described above and spot a balanced plug inside casing. Pull up hole.

**10. Plug 5 (Pictured Cliffs, 3156-3256', 17 Sacks Class B Cement)**

Mix cement as described above and spot a balanced plug inside casing. Pull out of hole.

**11. Plug 6 (Kirtland/Fruitland, 2907-3007', 60 Sacks Class B Cement)**

Rig up wireline. Perforate 3 squeeze holes at 3007'. Pull out of hole and rig down wireline. Establish injection rate with water. Set cement retainer at 2957', establish injection rate with water, mix cement as described above and squeeze 49 sacks under the retainer. Sting out and leave 11 sacks on top of the retainer. Pull out of hole.

**12. Plug 7 (Ojo Alamo, 2681-2781', 60 Sacks Class B Cement)**

Rig up wireline. Perforate 3 squeeze holes at 2781'. Pull out of hole and rig down wireline. Establish injection rate with water. Set cement retainer at 2731', establish injection rate with water, mix cement as described above and squeeze 49 sacks under the retainer. Sting out and leave 11 sacks on top of the retainer. Pull out of hole.

**13. Plug 8 (Nacimiento, 1393-1493', 17 Sacks Class B Cement)**

Mix cement as described above and spot a balanced plug inside casing. Pull out of hole.

**14. Plug 9 (Surface , 0-475', 123 Sacks Class B Cement)**

Rig up wireline. Perforate 3 squeeze holes at 225'. Establish circulation out of surface casing valve. Trip in hole with tubing to 475'. Mix cement as described above and pump cement until it circulates out casing valve. Close casing valve and open surface casing valve. Pump cement until it circulates out of surface casing valve. Shut surface casing valve. Pull out of hole and top of cement as necessary.

15. Nipple down BOP and cut off casing below the casing flange. Install PA marker with cement to comply with regulations. Rig down, move off location, and cut off anchors.

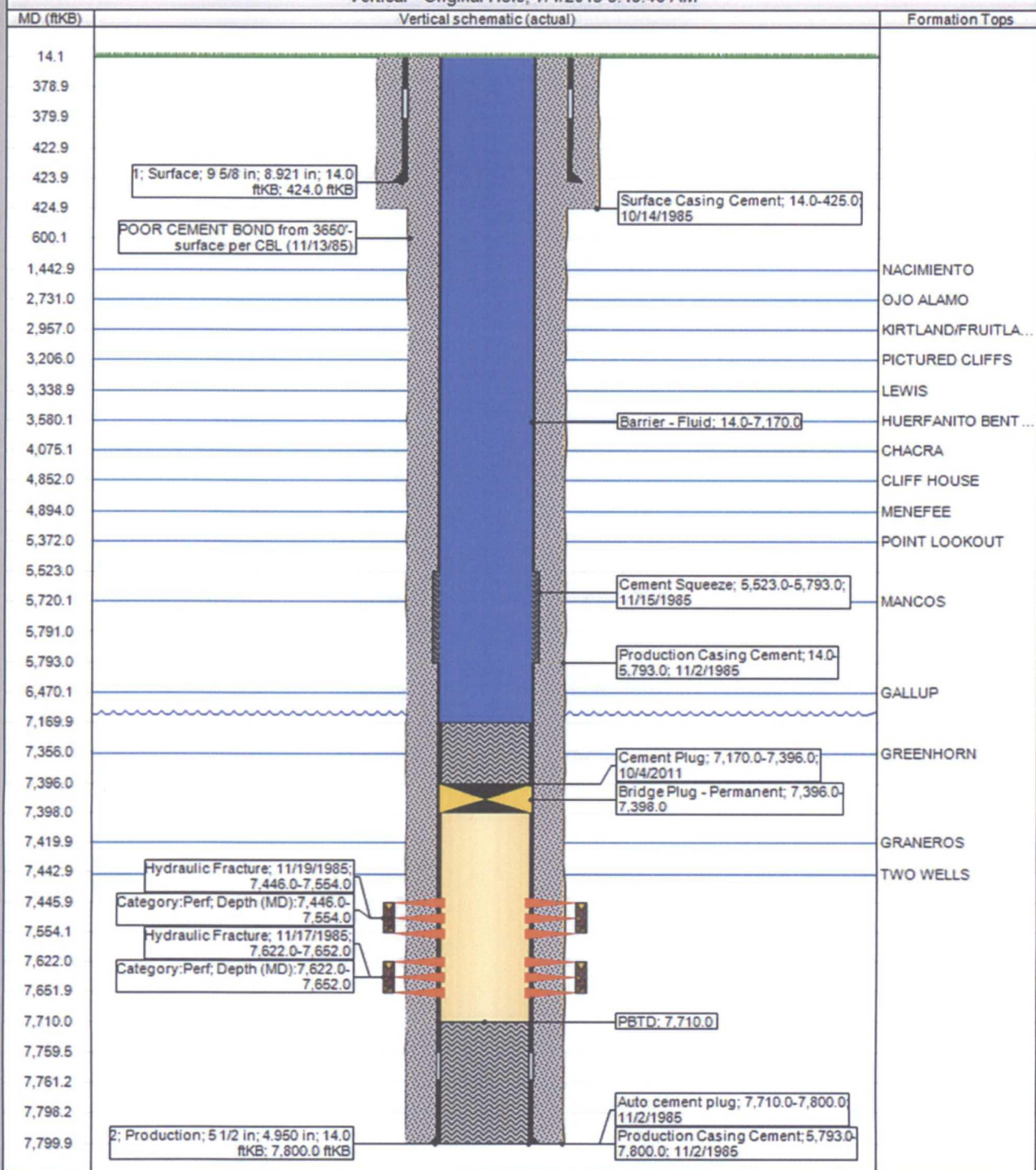


## CURRENT SCHEMATIC

## LINDRITH B UNIT #35

District SOUTH	Field Name DK	API / UWI 3003923755	County RIO ARriba	State/Province NEW MEXICO
Original Spud Date 10/12/1985	Surface Legal Location NMPM-24N-03W-09-G	E/W Dist (ft) 2,076.00	E/W Ref E	N/S Dist (ft) 1,914.00

Vertical - Original Hole, 7/1/2015 9:15:48 AM





## Schematic - Proposed LINDRITH B UNIT #35

District SOUTH	Field Name DK	API / UWI 3003923755	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 10/12/1985	Surf Loc NMPM-24N-03W-09-G	East/West Distance (ft) 2,076.00	East/West Reference E	N/S Dist (ft) 1,914.00
				North/South Reference N

### Vertical - Original Hole, 1/1/2020 8:30:00 AM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
<p>SQUEEZE PERFS; 225.0; 1/1/2020</p> <p>1; Surface; 9 5/8 in; 8.921 in; 14.0 ftKB; 424.0 ftKB</p> <p>POOR CEMENT BOND from 3650'-surface per CBL (11/13/85)</p>	<p>Plug #9; 14.0-225.0; 1/1/2020</p> <p>Surface Casing Cement; 14.0-425.0; 10/14/1985; Cemented w/ 400 sx Class B cmt. circ. to surf.</p> <p>Plug #9; 14.0-475.0; 1/1/2020; Mix 123 sx Class B cmt and pump cmt until it circulates out casing valve</p>	14.1	
		225.1	
		424.9	
		475.1	
		600.1	
		1,393.0	
		1,442.9	NACIMIENTO
	<p>Plug #8; 1,393.0-1,493.0; 1/1/2020; Mix 17 sx Class B cmt and spot a balanced plug inside csg</p>	1,493.1	
		2,681.1	
	<p>Plug #7; 2,681.0-2,781.0; 1/1/2020</p>	2,731.0	OJO ALAMO
		2,733.9	
	<p>Plug #7; 2,681.0-2,781.0; 1/1/2020; Mix 60 sx Class B cmt, sqz 49 sx under the retainer, leave 11 sx on top of the retainer</p>	2,780.8	
		2,907.2	
		2,957.0	KIRTLAND/F...
	<p>Plug #6; 2,907.0-3,007.0; 1/1/2020</p>	2,960.0	
		3,006.9	
	<p>Plug #6; 2,907.0-3,007.0; 1/1/2020; Mix 60 sx Class B cmt, sqz 49 sx under the retainer. Leave 11 sx on top of the retainer</p>	3,155.8	
		3,206.0	PICTURED C...
	<p>Plug #5; 3,156.0-3,256.0; 1/1/2020; Mix 17 sx Class B cmt and spot a balanced plug inside csg</p>	3,255.9	
		3,338.9	LEWIS
		3,580.1	HUERFANIT...
		4,024.9	CHACRA
	<p>Plug #4; 4,025.0-4,125.0; 1/1/2020; Mix 17 sx Class B cmt and spot a balanced plug inside csg</p>	4,075.1	
		4,125.0	
	<p>Plug #3; 4,802.0-4,902.0; 1/1/2020; Mix 17 sx Class B cmt and spot a balanced plug inside csg</p>	4,801.8	
		4,852.0	CLIFF HOUSE
	<p>Cement Squeeze; 5,523.0-5,793.0; 11/15/1985; Sqz leak @ 5793' (DV tool) w/ 100 sx Class B, 77 sx into formation. TOC @ 5523' (75% Eff.)</p>	4,894.0	MENEFFEE
		4,901.9	
	<p>Plug #2; 5,670.0-5,770.0; 1/1/2020; Mix 17 sx Class B cmt and spot a balanced plug inside csg</p>	5,372.0	POINT LOOK...
		5,523.0	
		5,669.9	
	<p>Production Casing Cement; 225.0-5,793.0; 11/2/1985; Cemented Stage 2: 1400 sx Trinity Lite cmt (yield 1.57). Circ 50 sx to surface. Pump 100 sx Class B cap. POOR CEMENT BOND from 600'-1100' per CBL (11/13/85) TOC 225' per CBL</p>	5,720.1	MANCOS
		5,770.0	
		5,793.0	
	<p>Plug #1; 6,320.0-6,420.0; 1/1/2020; Mix 17 sx Class B cmt and spot a balanced plug inside csg</p>	6,319.9	
		6,419.9	
		6,470.1	GALLUP
		7,169.9	
		7,356.0	GREENHORN
		7,396.0	
		7,398.0	
		7,419.9	GRANEROS
		7,442.9	TWO WELLS
		7,445.9	
		7,554.1	
		7,622.0	
		7,651.9	
		7,710.0	
		7,710.0	
		7,799.9	
<p>Bridge Plug - Permanent; 7,396.0-7,398.0</p>	<p>Cement Plug; 7,170.0-7,396.0; 10/4/2011; 24 SX B @ 15.6#</p>		
<p>Dakota "A" "B" &amp; "C"; 7,446.0- 7,554.0; 11/19/1985</p>			
<p>Dakota "D"; 7,622.0-7,652.0; 11/16/1985</p>			
<p>PBTD; 7,710.0</p>			
<p>2; Production; 5 1/2 in; 4.950 in; 14.0 ftKB; 7,800.0 ftKB</p>	<p>Production Casing Cement; 5,793.0-7,800.0; 11/2/1985; Cemented Stage 1: 1900 sx Class B. Circ 20 sx thru DV tool.</p> <p>Auto cement plug; 7,710.0-7,800.0; 11/2/1985; Automatically created cement plug from the casing cement because it had a tagged depth.</p>		