

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

## Sundry Notices and Reports on Wells

**RECEIVED**

JUN 25 2010

Bureau of Land Management  
Farmington Field Office1. Type of Well  
GAS2. Name of Operator  
**CONOCOPHILLIPS COMPANY**

3. Address &amp; Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit L (NWSW), 2030' FSL &amp; 143' FWL, Section 6, T24N, R2W, NMPM

5. Lease Number  
SF-078907
6. If Indian, All. or  
Tribe Name
7. Unit Agreement Name  
Lindrith B Unit
8. Well Name & Number  
Lindrith B Unit 78
9. API Well No.  
  
30-039-25066
10. Field and Pool  
  
W Lindrith GL
11. County and State  
Rio Arriba Co., NM

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

## Type of Submission

## Type of Action

☒ Notice of Intent☐ Abandonment☐ Change of Plans☒ Other - ☐ Re-stimulation☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection**13. Describe Proposed or Completed Operations**

ConocoPhillips would like perform a reservoir re-stimulation per attached procedures.

RCVD JUN 30 '10  
OIL CONS. DIV.  
DIST. 3**14. I hereby certify that the foregoing is true and correct.**Signed Rhonda Rogers Rhonda Rogers Title Staff Regulatory Technician Date 6/25/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date JUN 28 2010  
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

**NMOCD**

**ConocoPhillips**  
**LINDRITH B UNIT 78**  
**Expense - Reservoir Stimulation**

**Lat 36° 20' 16.721" N**

**Long 107° 5' 53.556" W**

**PROCEDURE**

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 work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with KCl water, if necessary.
4. Pressure test tubing to 1000 psi before unseating the pump, release pressure.
5. TOOH with Rods (details below). Every effort should be made to pull the rods without hot oiling. Collect paraffin sample and contact engineer so he can have NALCO analyze it.

<b>Number</b>	<b>Description</b>
1	1-1/2" x 22' Polished Rod
2	7/8" Pony Rod (6')
1	7/8" Rod (25')
121	7/8" Guide Rods (25')
179	3/4" plain sucker rods (3000')
1	3' x 4" x 2-12 Stabilzer bar
4	1 1/2" Sinker Bars (no neck, 100') with 1 stabilzer bar between each sinker
1	3' x 4" x 2-12 Stabilzer bar
1	RHAC-Z 2-1/2" x 1-1/4" x 16' x 20' pump
1	3/4" x 6' Dip Tube

6. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 7828', PBD @ 7870') . If fill is found above the bottom perf, CO to PBD. If fill is below the bottom perf, continue with the procedure. Record fill depth in Wellview.

7. TOOH with tubing (details below). Collect paraffin sample if possible.

<b>Number</b>	<b>Description</b>
1	2-7/8" Tubing
2	2-7/8" pup joint (6',8')
251	2-7/8" tubing joints
1	2-7/8" Tubing Anchor
3	2-7/8" Tubing
1	2-7/8" S nipple
1	2-7/8" Perf Sub
1	2-7/8" Bull plug

Use Tuboscope Unit to inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints.

8. TIH with tubing as follows for chemical treatment.

<b>Number</b>	<b>Description</b>
3	2-7/8", 6.5#, J-55 Tubing
1	Treatment Packer for 5-1/2", 15.5#, K-55 Casing
As Needed	2-7/8", 6.5#, J-55 Tubing. LAND PACKER AT 7655'. Be sure to leave 6' of tubing stick out of BOP

9. Leave elevators latched on tubing, slack off to top of BOP. DO NOT SET THE SLIPS DURING THE PUMP JOB.

10. Set plug and load tubing with KCl water. Pressure test to 1500 psi for 10 min. Swab tubing and pull plug.

11. RU chemical pump truck and call production engineer for recommended paraffin treatment and apply chemical treatment as follows: 1. Bullhead paraffin treatment into well. Monitor casing pressure while pumping. 2. Displace treatment into formation with KCl (amount to be determined by engineer and chemical company). 3. RD chemical truck and shut in well. 4. Let chemical set overnight.

12. Prepare for CO2 Flush. Setup flowback equipment. Flowback tank should be set down wind of wellhead. Run flow line using target tees at any bends. Anchor flowlines securely with concrete anchors. Flow to the tank will be from the tubing.

13. RU BJ's pump truck to lines and pressure test with N2. MIRU Linde LLC 20 ton transports. RU both transports to feed pump truck in tandem.

14. Pump 40 tons CO2 down 2-7/8" tubing at a rate not to exceed 5 bbs/min. Watch surface pressure and do not exceed 1500 psi. RDMO CO2 transports as soon as all CO2 has been pumped. RDMO BJ's pump truck.

15. Open flowline to flowback tank. Allow to flow under the supervision of a flowback crew. Flow back until CO2 is cleaned up.

16. Close flowline. Unseat packer. TOOH with tubing and packer. LD packer and TIH with tubing as follows. PU air package and CO to PBTD (7870') adding additional joints as needed. Be aware that fill was left in the hole after a previous workover. Top of fill at 7864'. If fill cannot be CO to PBTD call production engineer to inform how much fill was left and confirm/adjust landing depth.

17. TIH with tubing.

**Recommended**

Tubing Drift ID:	2.347"
Land Tubing At:	7814'
Land F-Nipple At:	7782'

Number	Description
1	2-7/8" Mule shoe guide
1	2-7/8" x 31' Price Type Gas Anchor
1	2-7/8" F nipple (ID 2.250")
4	2-7/8" tubing joints
1	2-7/8" Tubing Anchor
241	2-7/8" tubing joints
As Needed	2-7/8" Pup Joints
1	2-7/8" tubing joints

11. ND BOP, NU B-1 Adapter, rod radigan, and flow tee (place rod radigan, below flow tee). RIH with rods (detail below). Place 5 guides per rod where rod wear was found.

Number	Description
1	1" x 1' Strainer Nipple
1	RHAC-Z 2-1/2" x 1-1/4" x 12' x 16' pump
1	1" x 1' Lift sub
1	1" x 40" Stabilizer rod
1	1 1/4" Shear coupling (22,000#)
8	1 1/2" Sinkers Bars (200')
1	1" x 40" Stabilizer rod
2	3/4" Guided rod
172	3/4" Plain rod
127	7/8" Plain rod
2	7/8" Pony rod
1	1-1/4" x 22' Polished Rod

**Pump Component Description**  
Pump should have double traveling valves to comply with new pump standards. **Do not set pump to tag.**

Rod subs to be rotated once at a time each time the well is pulled to spread coupling wear in the tubing.

**Note:** IF Stabilizer rods are in good condition, proceed to reinstalled, If no install Guide rod.

12. Space out pump 3 to 4 inches for every 1000 ft of tubing depth and seat pump. Load tubing with water to pressure test tubing and pump to 1500 psi. Test for good pump action.

13. Notify lease operator that well is ready to be returned to production. RD, MOL

# Current Schematic - Revised

ConocoPhillips

Well Name: LINDRITH B UNIT #78

API Well	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type	Edit
3003925066	NMPM-24N-02W-06-L	DK		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
7,032.00	7,045.00	13.00	7,045.00	7,045.00		

Well Config: Vertical - Main Hole, 5/24/2010 8 20:13 AM

