

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.	30-039-23247
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unti Agreement Name	Lindrith B Unit
8. Well No.	25
9. Pool name or Wildcat	Lewis/Chacra
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6879' GR	

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 Salt Water Disposal

2. Name of Operator
Conoco Inc.

3. Address of Operator P. O. Box 2197, DU 3084 Houston, TX 77252-2197

4. Well Location

Unit Letter O 1250 feet from the South line and 1840 feet from the East line

Section 9 Township 24N Range 3W NMPM County Rio Arriba

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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

Conoco Inc. proposes to repair tubing and casing communication on the above mentioned well as per the attached procedure.

USE 2 Hour clock 1000⁺ MAX PSI SPRING



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

SIGNATURE Yolanda Perez TITLE Sr. Regulatory Analyst DATE 03/21/2002
Type or print name Yolanda Perez Telephone No. (281)293-1613

(This space for COMMENTS BY DISTRICT PERMITS)

APPROVED BY _____ TITLE _____ DATE MAR 26 2002
Conditions of approval, if any:

Lindrith B 25 SWD
API 30-039-23247
24N 3W 9 O
Lat: 36°19'16" Long: 108°50'28"

Objective: Communication has been identified between the tubing and casing. The well has to be shut in until repair. Pressure test the tubing and packer. If tubing does not test, pull tubing and replace bad joints. If packer leaks, unseat and redress packer. Test wellhead for leaking tubing hanger. After leak is repaired, rerun packer and tubing to 3419'. Notify NMOCD Aztec office of all work to be done. The wellhead should also be inspected as the operator has reported having problems with the casing and master valves. **Coated tubing and packer should be used for repair.**

Well Information:	Spud Date: 10/4/83	TD: 7710'	PBTD: 4193'
Surface Casing:	13 3/8" OD – 48.00 lb/ft set at 405' Capacity – 0.1570 bbls/ft (or 6.5962 gal/ft) Drift diameter – 12.559"; 12.715" ID Cement circulated to surface		
Intermediate Casing:	8 5/8" OD– 24.00 lb/ft; 50 joints Capacity – 0.0636 bbls/ft (or 2.6749 gals/ft) Drift diameter – 7.972"; 8.097" ID 8 5/8" OD- 32.00 lb/ft; 27 joints; set at 3300' Capacity – 0.0609 bbls/ft (or 2.5599 gals/ft) Drift diameter – 7.796"; 7.921" ID Cement circulated to surface		
Production Liner:	4 1/2" – 9.5 lb/ft ; 114 joints; Capacity – 0.0162 bbls/ft (or 0.6825 gal/ft) Drift Diameter – 3.965"; 4.090" ID 4 1/2" – 10.5 lb/ft; 63 joints; set at 7710' Capacity – 0.0159 bbls/ft (or 0.6699 gal/ft) Drift Diameter – 3.927"; 4.052" ID DV tool set at 5361' Cement- 50'-7710' (TOC by temp survey; not circulated) Cement Plug – 7650'-7710'		
Tubing:	2 3/8" set at 3419' Baker R-3 Retrievable Packer set at 3419' CIBP set at 4223' Cement Plug 4193'-4223'		
Perforations:	Lewis, Chacra: 3640'-3641'; 3700'-3701'; 3755'-3756'; 3938'-3939' Dakota : 7313'-7424' - Squeezed 7494'-7522' - Squeezed 7570'- 7594' – Below CIBP at 7535' (w/ 30' Cement on top)		

Well history: The well was originally completed as a Dakota in the Two Wells, Paguate, and Cuberro sands in 1983. These perforations were cement squeezed and the well was recompleted in the Encinal Canyon sand in 1986. The well was converted to a SWD well in 1989. Communication between the tubing and casing was identified in 1994. Holes in the casing were found in the Lewis and Chacra formation intervals in 1994 and permission was granted to change

injection to these formations. At this time approximately 156 joints of bad tubing were replaced. A CIBP was set above the Encinal Canyon sand, cement dump bailed on top, and injection began into the Lewis/Chacra interval. There is a CIBP located below the injection interval at 4223' with 30' cement on top. The injection packer is set at 3419'.

Procedure:

****All water used in this project should be clean water.****

1. Conduct pre-job safety meeting.
2. Prepare location for work. Test deadmen anchors.
3. Kill well with 1% KCL water if not already dead.
4. Rig up wireline and tag for fill. Pull up and run end of tubing locator.
5. RIH with gauge ring and drift for seating nipple.
6. RIH with slip stop and tubing plug. If EOT was determined to be below the packer, set slip stop and tubing plug in tail pipe. If EOT determined no tail pipe, set slip stop and tubing plug in the packer.
7. Fill tubing with fresh water and pressure test tubing to 3000#.
8. Monitor tubing and casing pressure. If tubing pressure does not hold, listen for communication at the wellhead. If there is no communication at the wellhead, proceed to step 9. (Assume hole in tubing). If tubing pressure holds, proceed to step 21 (Assume a leaking packer)
9. Move in and rig up pulling unit.
10. ND wellhead and NU BOP. Wellhead should be inspected. Master and casing valves should be carefully inspected for leaks. Contact company to service wellhead valves.
11. Release packer located at 3419' and POOH with 2 3/8" tubing string. Tally and inspect tubing while pulling out. Any damaged joints should be replaced and the packer redressed.
Caution should be taken when pulling tubing. There is potential for pressure under the packer. This could cause the pipe to be pushed out of the hole, as there is 13.1 sq in cross sectional area available.
12. If outside of tubing is covered with scale, RIH with casing scraper to +/- 3419'.
13. RIH with 2 3/8" tubing, re-dressed packer, and F profile seating nipple and plug in place. **The tubing and packer run should be coated for protection.** Stabbing guides should be used to protect the coated tubing during connections.
14. Land tubing at +/- 3419' and pressure test the tubing.
15. If tubing tests, set packer at 3419'.
16. Nipple down BOP and nipple up wellhead.
17. Drift to seating nipple before rigging down.
18. Rig down pulling unit.
19. Retrieve tubing plug.
20. Notify NMOCD of plans to commence injection. Casing/tubing annulus pressure should be monitored as stated in permit. All other permit requirements should be followed.

If tubing pressure held in step 8, proceed with step 21.

21. Move in and rig up pulling unit.
22. ND wellhead and NU BOP. Wellhead should be inspected. Master and casing valves should be carefully inspected for leaks. Contact service company to service wellhead valves.
23. Release packer located at 3419' and POOH with 2 3/8" tubing string and packer. Tally and inspect tubing while pulling out. Any damaged joints should be replaced and the packer redressed.

Caution should be taken when pulling tubing. There is potential for pressure under the packer. This could cause the pipe to be pushed out of the hole, as there is 13.1 sq in cross sectional area available.

24. RIH with casing scraper. POOH.
25. Redress packer and RIH with 2 3/8" tubing, packer, F profile nipple, and plug in place. Pressure test tubing to 3000#. Set packer at 3419'. **The tubing and packer should be coated. Use stabbing guides when making connections.**
26. If tubing holds, test packer to 300 #.
27. Nipple down BOP and nipple up wellhead.
28. Drift tubing before rigging down.
29. Rig down pulling unit.
30. Using wireline, retrieve tubing plug.
31. Notify NMOC of plans to commence injection. Casing/tubing annulus pressure should be monitored as stated in permit. All other permit requirements should be followed.

Prepared by: Jennye Pusch
March 20, 2002

