



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
<http://emnr.state.nm.us/ocd/District III/3dletic.htm>

GARY E. JOHNSON  
Governor

Jennifer A. Sallsbury  
Cabinet Secretary

November 1, 1999

Ms. Yolanda Perez  
Conoco, Inc.  
PO Box 2197-DU3066  
Houston, TX 77252

Re: Lindrith B #78, L-06-24N-02W, API # 30-039-25066  
Application For Tubingless Exception To Rule 107

Dear Ms. Perez:

Your request to pull tubing in the referenced well and install a casing plunger is hereby granted. This action may produce gas and lift oil and water more efficiently that could result in the recovery of additional reserves. If the plunger is removed after installation, tubing must be re-run before the well is allowed to produce.

If you have any questions, please contact this office.

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

EB/mk

Xc: Well File

LINDRITH BTBA-DOC



Yolanda Perez  
Regulatory Analyst  
EPNA - Gulf Region  
Lobo/San Juan Asset Unit

Conoco Inc.  
P.O. Box 2197 - DU3066  
Houston, TX 77252  
(281) 293-1613

October 29, 1999

New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, NM 87410

Attn: Ernie Busch

**RE: Application for Tubingless Exception to Rule 107**

Lindrith B #78  
API # 30-039-25066  
Section 6, T-24N, R-2W, L

RECEIVED  
NOV - 1 1999  
OIL CON. DIV.  
DIST. 3

Dear Mr. Busch,

An exception to Rule 107, requiring the above listed well to be produced with tubing, is requested. It is believed that producing the well tubingless will increase the producing rate efficiency and maximize recovery from this well. The purpose for removing the tubing from this well is to allow the use of the casing plunger that permits continuous gas flow while at the same time automatically lifting produced oil and water volumes.

Conoco Inc. was first granted permission to use this tool on the Ohio #1 by Order TX 278 dated 12/15/97. This procedure has proven to be extremely successful on mature depleted gas wells that have been marginal low rate producers whose production has been restricted by fluid loading. This procedure also cuts high maintenance costs to the wells and makes them more efficient to operate.

Conono's Lindrith B #78 is currently shut-in with a hole in the tubing.

To configure the wellbores for use with the casing plungers the prodction tubing will be removed and the casing pressure tested for leaks and drift. A casing scraper will be used to clean out the interior casing surface and then re-pressure tested. A downhole collar stop and casing plunger catcher will be installed in the first collar above the top perforation (see attached wellbore schematic). At the surface the wellhead will be configured with a plunger catcher and a bypass with an automated controller. The plunger is automatically dropped when a fluid loading problem is detected by the surface controller while allowing contiuous gas flow throught is internal bypass valve.

Conoco Inc. requests that we be granted an exception to Rule 107 for the above referenced well to convert to a tubingless operation to fully optimize and economically produce this mature and depleted gas well. If you have any question regarding our request please call me at (281) 293-1613.

Sincerely

**CONOCO INC.**

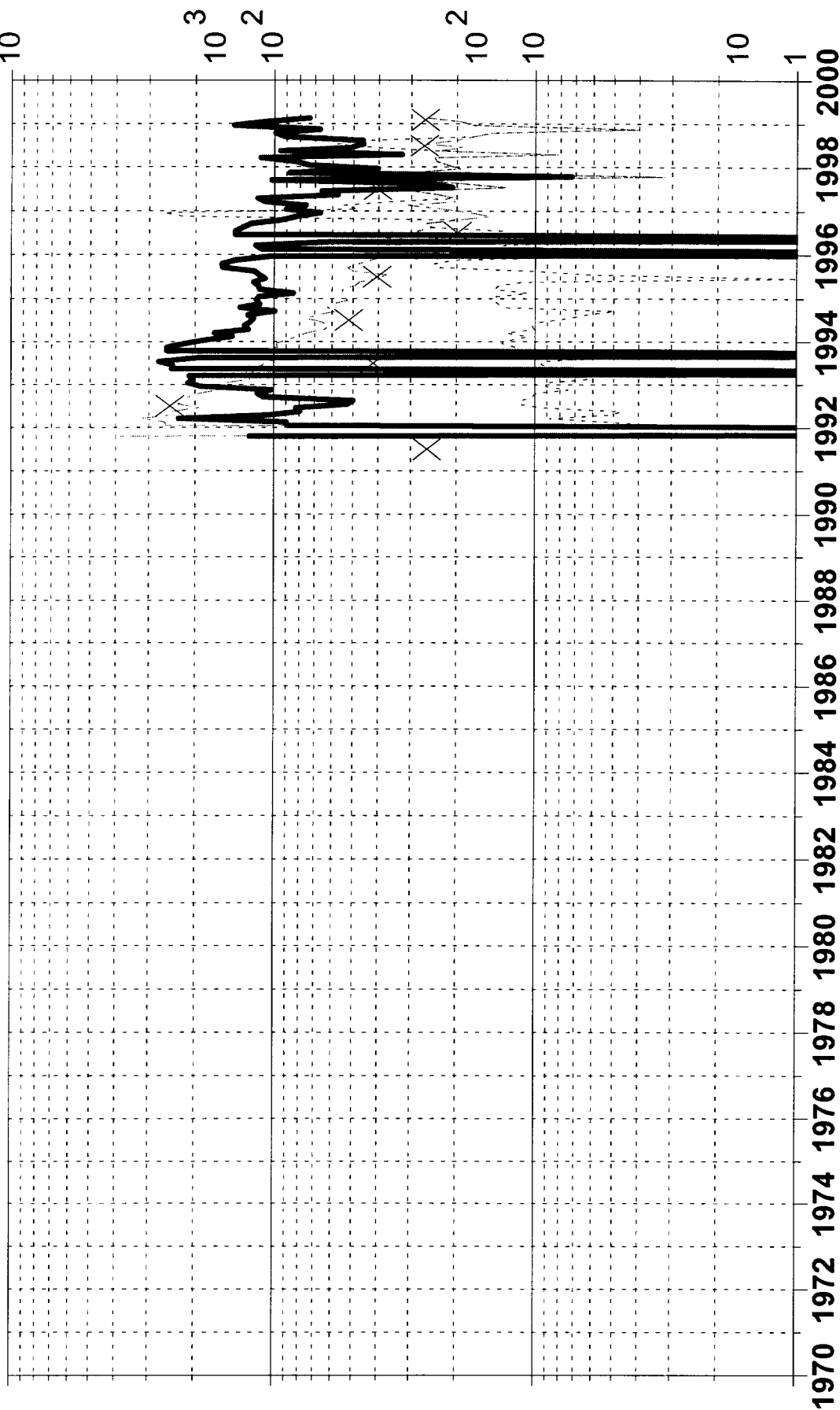
*Yolanda Perez*  
Yolanda Perez  
Regualtory Analyst  
Lobo/San Juan Asset

Dwights

Lease: LINDRITH B UNIT (78)

Retrieval Code: 151,039,24N02W06L00GD  
10/29/99

10<sup>3</sup>  
10<sup>3</sup>  
10<sup>4</sup>



Gas (mcf/day)

Oil (bbl/day)

Water (bbl/day)

Yield (bbl/mmcf) Av x

Operator: CONOCO INC      F.P. Date: 10/91  
Location: 6L 24N 2W      Oil Cum: 199.8 mbbl  
Field: LINDRITH WEST (GALLU Gas Cum: 296.2 mmcf  
Reservoir: GALLUP DAKOTA      L.P. Date: 02/99

1970 1972 1974 1976 1978 1980 1982 1984 1986 1988 1990 1992 1994 1996 1998 2000

Lease: LINDRITH B UNIT  
 Field: LINDRITH WEST (GALLUP DAKOTA) GD  
 Operator: CONOCO INC  
 RCI #: 151,039,24N02W06L00GD  
 API #: 30-039-25066-00

Well #: 78  
 Location: 6L 24N 2W  
 Liquid Cum: 199,813 bbls  
 Gas Cum: 296,242 mcf  
 Status: ACT OIL

FP Date: 91-10  
 LP Date: 99-02  
 Liq Since: FPDATE  
 Gas Since: FPDATE

DATE	OIL, BBLs	GAS, MCF	WATER, BBLs	WELLS
03/1998	740	3,417	740	1
04/1998	250	988	250	1
05/1998	717	2,883	717	1
06/1998	573	1,564	1,261	1
07/1998	795	1,390	1,749	1
08/1998	618	1,398	1,360	1
09/1998	523	2,754	523	1
10/1998	446	3,008	446	1
11/1998	122	2,036	122	1
12/1998	523	4,318	523	1
01/1999	583	3,334	583	1
02/1999	791	2,232	791	1
Total	6,681	29,322	9,065	

