



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/3distric.htm](http://emnr.state.nm.us/ocd/District%20III/3distric.htm)

GARY E. JOHNSON  
Governor

Jennifer A. Sallsbury  
Cabinet Secretary

August 11, 1999

Ms Yolanda Perez  
Conoco, Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500

Re: <sup>UT.</sup> Lindrith B #73, A-06-24N-02W, API # 30-039-24089  
Application For Tubingless Exception To Rule 107

Dear Ms Maddox:

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: Roy Johnson-Santa Fe  
Well File

LINDRITH B#73. Hon

CONOCO INC  
KAY MADDOX  
10 DESTA DR STE 100W  
MIDLAND TX 79705

June 23, 1999

Mr. Ernie Busch  
New Mexico Oil Conservation Division – Aztec District Office  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

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

Hodges #11  
API # 30-045-20080  
Section 27, T-26-N, R-8-W,M

Lindrith "B" #73  
API # 30-039-24089  
Section 6, T-24-N, R-2-W, A

RECEIVED  
JUN 28 1999  
OIL CON. DIV.  
DIST. 3

Dear Mr. Busch,

An exception to Rule 107, requiring the above listed wells 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 new innovative casing plunger that allows continuous gas flow while at the same time automatically lifting produced oil and water volumes.

Whereas requests and application for tubingless completions have typically been for newer, high rate gas wells in an effort to reduce the flow restrictions of tubing, these three wells are marginal low rate producers whose production has been restricted by fluid loading. Due to overloading and downtime the referenced wells are not producing at their maximum ability.

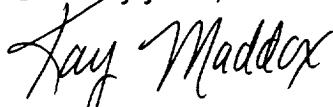
The discovery of the new innovative casing plunger seems to offer a more efficient producing solution. Conoco, Inc. was granted permission to use this tool on the Ohio #1 By Order TX 278 dated 12/15/97. This new innovative approach (to the San Juan) for increasing the producing efficiency and ultimate recovery of mature depleted gas wells has been extremely successful as evidenced in the Ohio #1.

To configure the wellbores for use with the casing plungers the production 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 (refer to 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 continuous gas flow through its internal bypass valve.

Conoco, Inc. requests that they be granted an exception to Rule 107 for the above referenced wells to continue this tubingless operation to fully optimize and economically produce the three mature and depleted Dakota gas wells. If there are additional questions regarding this application please call me at (915) 686-5798.

Sincerely yours,

A handwritten signature in black ink that reads "Kay Maddox". The signature is written in a cursive, flowing style.

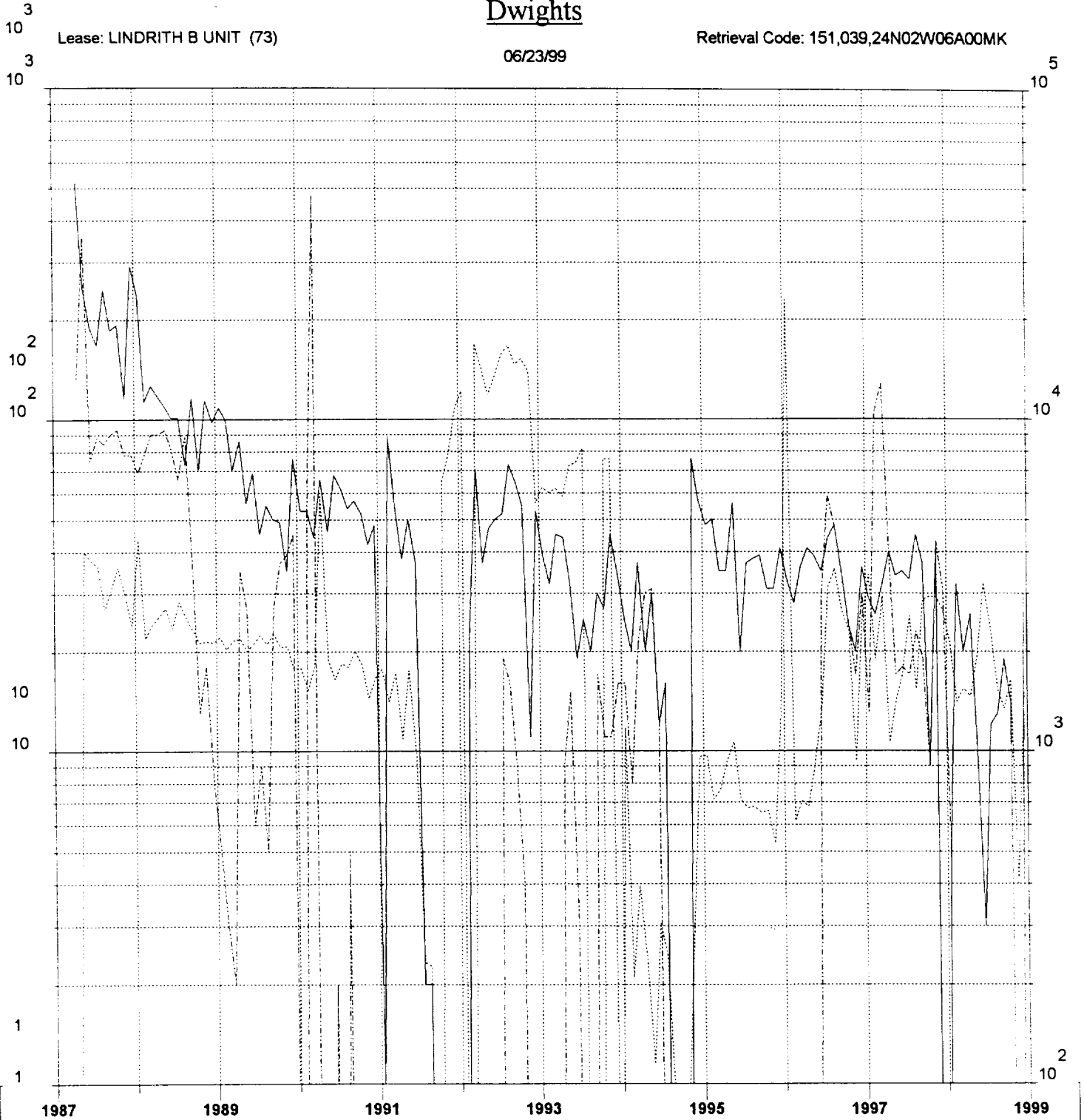
Kay Maddox  
Regulatory Agent – Conoco, Inc.

# Dwights

Lease: LINDRITH B UNIT (73)

Retrieval Code: 151,039,24N02W06A00MK

06/23/99



Oil (bbl/mo)

County: RIO ARRIBA, NM

F.P. Date: 04/87

Gas (mcf/mo)

Water (bbl/mo)

Field: GAVILAN (MANCOS) MK

Oil Cum: 7899 bbl

Reservoir: MANCOS

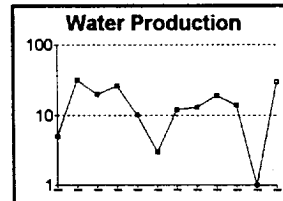
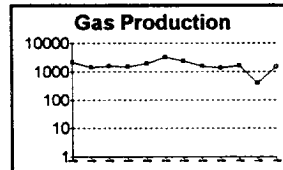
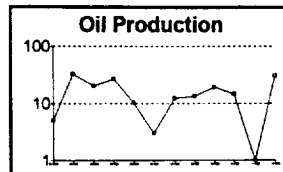
Gas Cum: 458.6 mmcf

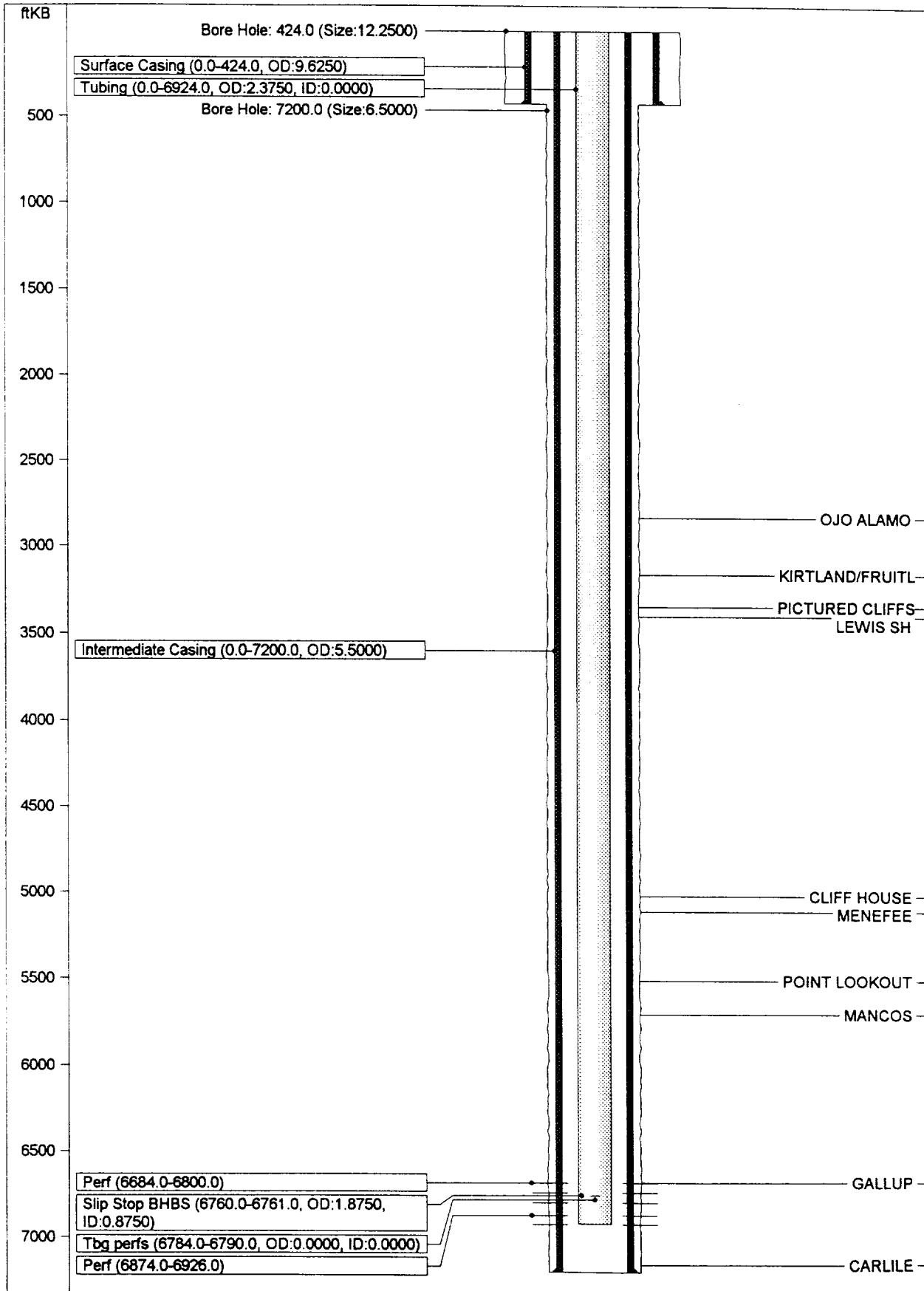
Operator: CONOCO INC

Location: 6A 24N 2W

Lease:	LINDRITH B UNIT	Well #:	73	FP Date:	87-04
Field:	GAVILAN (MANCOS) MK	Location:	6A 24N 2W	LP Date:	98-12
Operator:	CONOCO INC	Liquid Cum:	7,899 bbls	Liq Since:	FPDATE
RCI #:	151,039,24N02W06A00MK	Gas Cum:	458,595 mcf	Gas Since:	FPDATE
API #:	30-039-24089-00	Status:	ACT OIL		

DATE	OIL, BBLs	GAS, MCF	WATER, BBLs	WELLS
01/1998	5	2,130	5	1
02/1998	32	1,403	32	1
03/1998	20	1,542	20	1
04/1998	26	1,460	26	1
05/1998	10	1,939	10	1
06/1998	3	3,219	3	1
07/1998	12	2,382	12	1
08/1998	13	1,535	13	1
09/1998	19	1,336	19	1
10/1998	14	1,639	14	1
11/1998	0	401	0	1
12/1998	30	1,497	30	1
Total	184	20,483	184	





# LINDRITH B UNIT 73 GAV (3/4/99)

## LINDRITH B UNIT 73 GAV (3/4/99)

API Code	300392408900	Field Code	676383388
TD	7200.0 ftKB	Basin	SAN JUAN BASIN
PBTD	7200.0 ftKB	Basin Code	580
State	MOBIL PRODUCING TX & NM	Permit	03-Oct-86
County	NEW MEXICO	Spud	29-Dec-86
District	RIO ARRIBA	Finish Drl	10-Jan-87
Permit No.		Completion	15-Apr-87
TD Measured	7200	Abandon	
Reservoir			
Field	GAVILAN GAL		

## Event History

Date	Event	Description
04-Mar-99	Tub Run	0.0000 in Tbg perfs, ID: 0.0000in, 1.8750 in Slip Stop BHBS, ID: 0.8750in
02-Mar-99	Comp/WO	Untitled 1
26-Mar-98	Comp/WO	Slickline Work, Slickline Shot holes in tbg. Set slip stop above holes. Ran plunger. Tbg perfs 6784-6790'WL. Slip stop BHBS set above tbg perfs @ 6760'WL
15-Apr-87	Log	CNL DIL MICRO FRAC FD-CN, 0.0 - 7200.0ftKB
03-Oct-86	Tub Run	2.3750 in Tubing, Jnts: 221, ID: 0.0000in
03-Oct-86	Perf	6874.0 - 6926.0ftKB, 13.1/ft, 6884.0 - 6800.0ftKB, 13.1/ft
03-Oct-86	Cas Run	5.5000 in Intermediate Casing, ID: 0.0000in, 9.6250 in Surface Casing, ID: 0.0000in
03-Oct-86	Note	** General Notes: ** Initial Potential: P 17 BOPD GRAV 43; 134 MCFGPD; 1 BWPD, ** Drilling Journal: 1/6/87 RIG RPTD ON SITE., ** Drilling Journal: 2/5/87 SET PROD CSG; NO FURTHER DETAILS AVAILABLE., ** Drilling Journal: 4/2/87 TESTING GALLUP; NO FURTHER DETAILS AVAILABLE., ** Drilling Journal: 5/7/87 COMPLETED OIL & GAS WELL.

## Events Without Dates

Event	Description
Bore Hole	12.2500in, Depth 424.0ftKB, 6.5000in, Depth 7200.0ftKB

CONOCO INC  
KAY MADDOX  
10 DESTA DR STE 100W  
MIDLAND TX 79705

June 23, 1999

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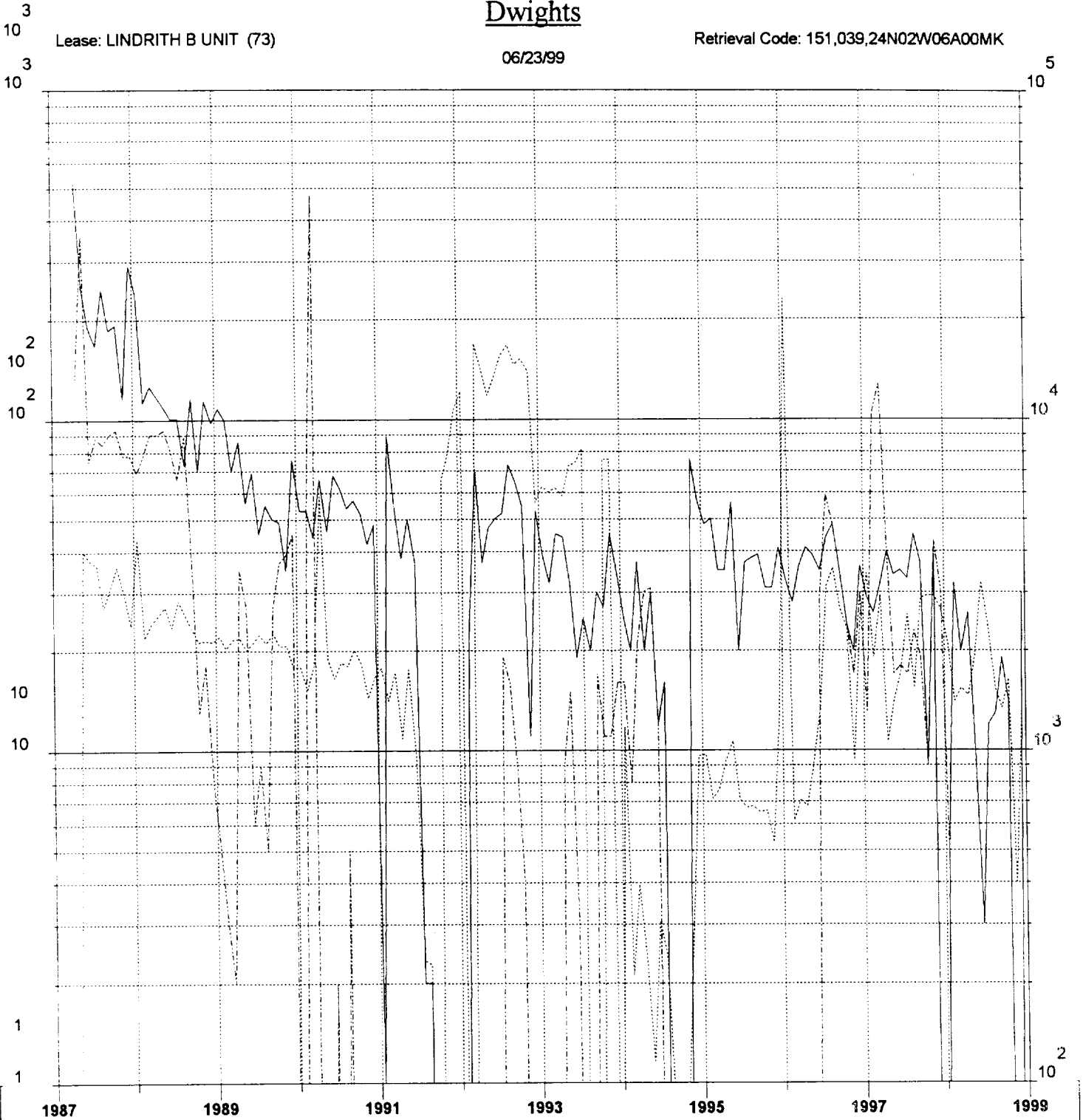
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F.P. Date: 04/87

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Oil Cum: 7899 bbl

Reservoir: MANCOS

Gas Cum: 458.6 mmcf

Operator: CONOCO INC

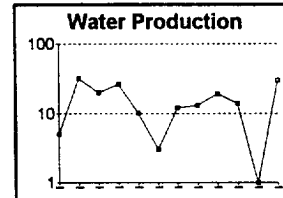
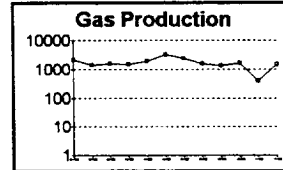
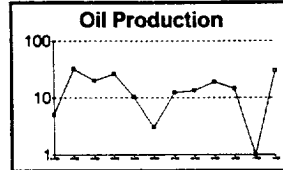
Location: 6A 24N 2W

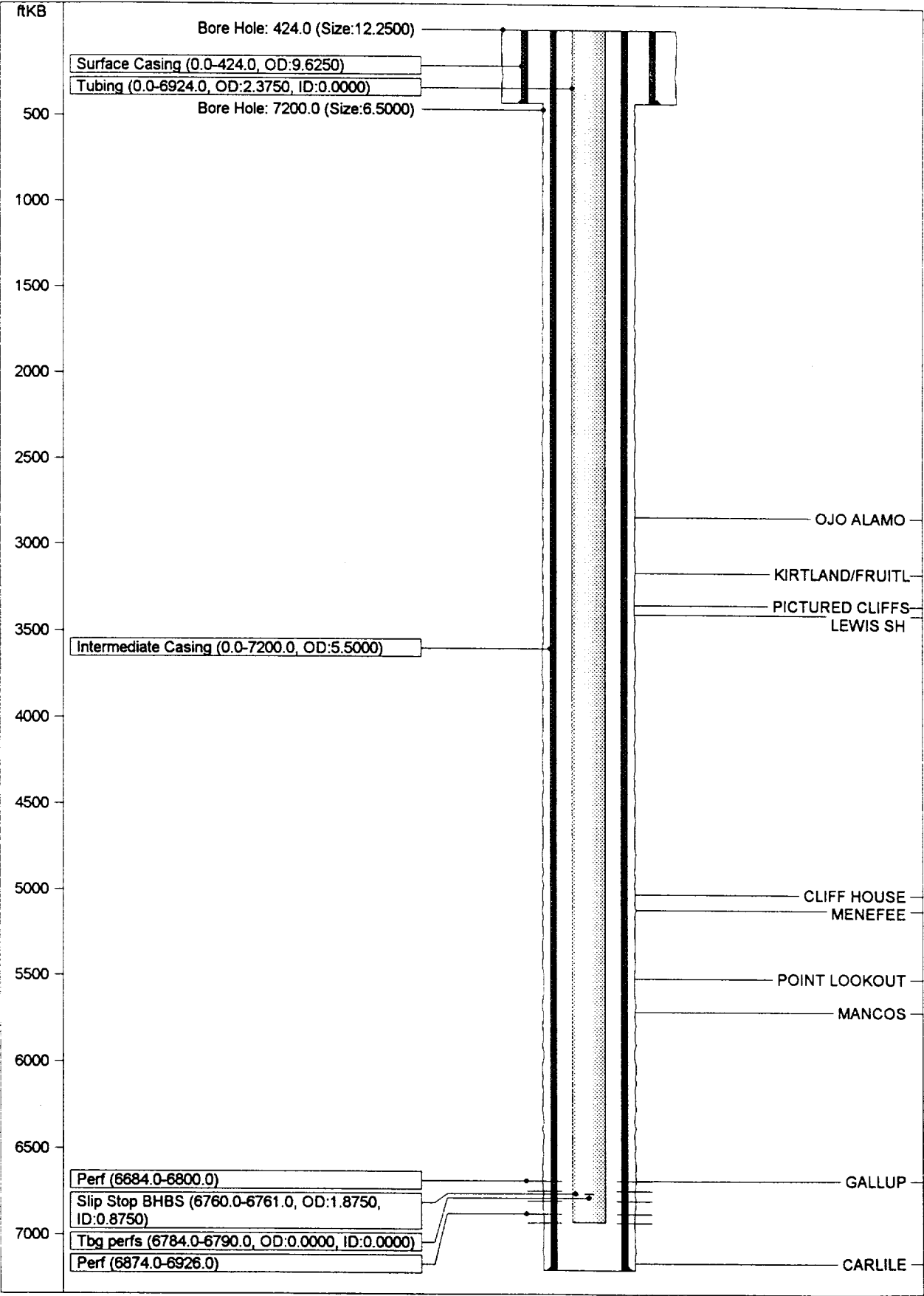
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 Operator: CONOCO INC  
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