District I - (505) 393-6161
PO Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

New Mexico
Energy, Minerals and Natural Resources Depart
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

H-0326

APPLICATION FOR QUALIFICATION OF WELL WORKOVER PROJECT AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE CONSERVATION DIVISION.

I. Operator: Marathon Oil Company OGRID #: 14021

Address: P. O. Box 552 - Midland, Texas 79702

Contact Party: Richard E. Pollard Phone #: (915) 687-8326

II. Name of Well: Walter Lynch No. 6 API#: 3002525131
Location of Well: Unit Letter F, 2310 Feet from the N line and 1980 feet from the W line,
Section 1, Township 22-S, Range 37-E, NMPM, ~~Eddy~~ Lea County

III. Date Workover Procedures Commenced: May 24, 1997
Date Workover Procedures were Completed: June 18, 1997

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based: Drinkard and Granite Wash

VII. AFFIDAVIT:

State of Texas)
) ss.
County of Midland)

R. E. Pollard, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.

2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
Restoration Project.

3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

JUL 23 1997

(Name) R. E. Pollard

Senior Government Compliance Representative
(Title)

MP

SUBSCRIBED AND SWORN TO before me this 1st day of July, 1997.

Notary Public

My Commission expires: 8-5-2000

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 6-18-97, 19____.

District Supervisor, District 1
Oil Conservation Division

Date: 7/9/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.
DATE: _____

WALTER LYNCH NO. 6
DESCRIPTION OF WORKOVER PROCEDURE
(5-24-97 - 6-18-97)

1. MI, RU and pulled and fished production equipment.

2. Set CIBP at 7280' and tested casing. POOH with packer.

3. Selectively perf Tubb formation 5967'-6194'.

4. RIH with work string and packer, set packer at 5900'.

5. Acidized well with 4400 gallons 15%.

6. Swabbed spent acid back.

7. Released packer and retrieved RBP at 6216'.

8. Set two cast iron bridge plugs, 6300' with 35' of cement on top and second plug at 5950'.

9. Selectively perforated Blinebry 5638'-5808'.

10. Acidized well with 3500 gallons 15%.

11. Swabbed spent acid back.

12. Frac Blinebry with 273,000# of 16/30 sand.

13. Washed sand from 5707'-5950'.

14. Ran production equipment.

H:\rep\WOPLyn#6

WALTER LYNCH NO. 6
BASIS OF PRODUCTION PROJECTION

The production projection was based on decline curve analysis using Aries PC program and the following parameters:

Gas:

Start of history match:	January 1982
End of history match:	April 1997
Projected method:	Exponential decline use above data set to get slope. Line moved up to better represent last two years of data.
Bad data removed:	None

Oil

Start of history match:	January 1982
End of history match:	April 1997
Projection method:	Exponential decline use above data set to get slope. Line moved up to better represent last two years of data.
Bad data removed:	None

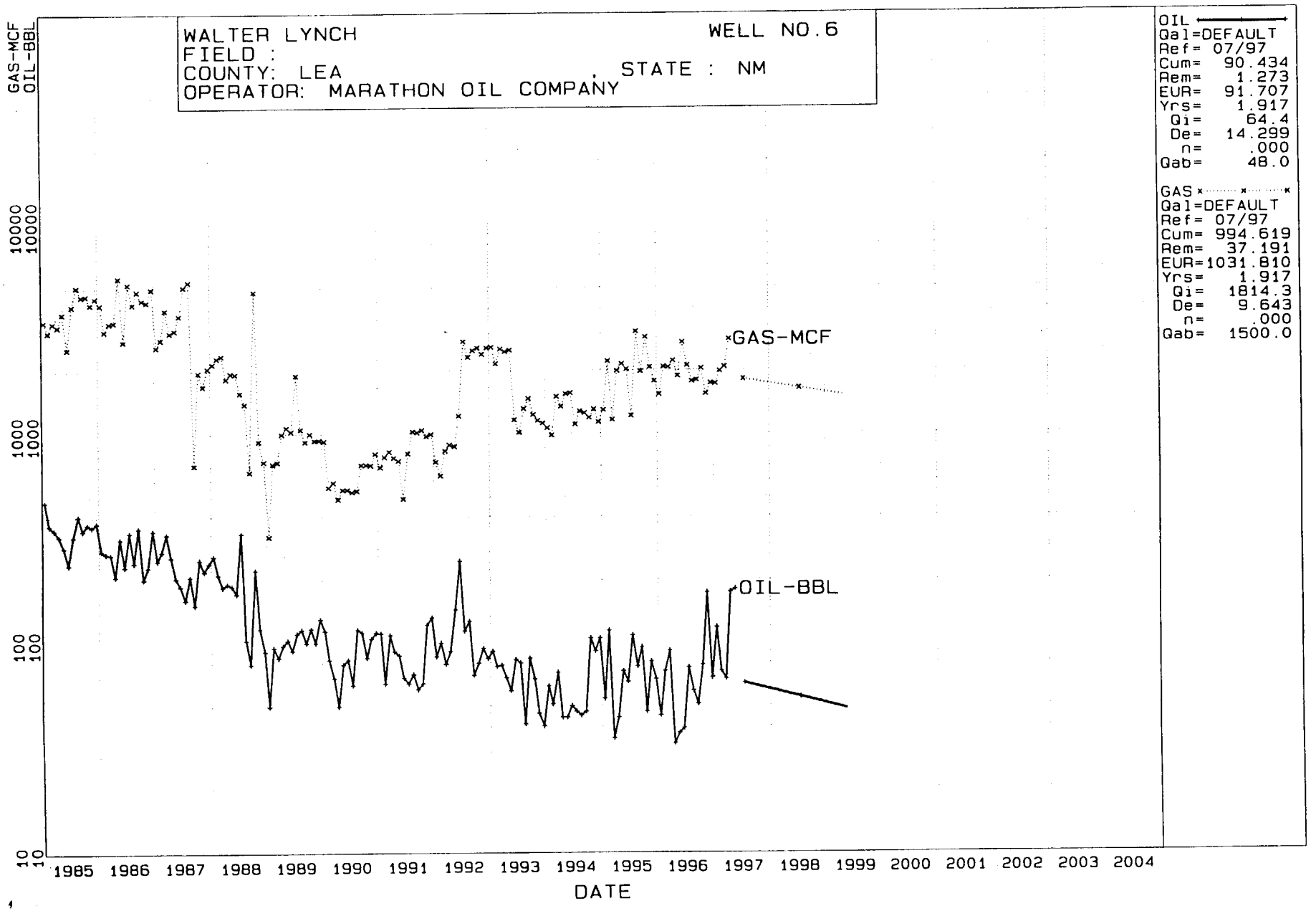
h:\rep\PrPlync6

WALTER LYNCH WELL NO. 6
API NO.
FIELD
LEA COUNTY , NM

DATE: 06/30/97
TIME: 10:28:54
PAGE: 1
POLLARD.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	0
7/97	64	1807
8/97	63	1791
9/97	62	1776
10/97	62	1761
11/97	61	1747
12/97	60	1732
YTD/97	372	10614
1/98	59	1717
2/98	58	1703
3/98	58	1689
4/98	57	1674
5/98	56	1660
6/98	56	1646
7/98	55	1632
8/98	54	1619
9/98	53	1605
10/98	53	1592
11/98	52	1578
12/98	51	1565
TOT/98	663	19681
1/99	51	1552
2/99	50	1539
3/99	49	1526
4/99	49	1513
5/99	48	1500
6/99	0	0
7/99	0	0
8/99	0	0
9/99	0	0
10/99	0	0
11/99	0	0
12/99	0	0
TOT/99	247	7629
TOTAL	1282	37924


WALTER LYNCH
WELL NO.6
FIELD :
COUNTY: LEA
STATE : NM
OPERATOR: MARATHON OIL COMPANY
GAS-MCF
OIL-BBL
10000
1000
100
10
GAS-MCF
OIL-BBL
1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004
DATE
OIL
Qal=DEFAULT
Ref= 07/97
Cum= 90.434
Rem= 1.273
EUR= 91.707
Yrs= 1.917
Qi= 64.4
De= 14.299
n= .000
Qab= 48.0
GAS
Qal=DEFAULT
Ref= 07/97
Cum= 994.619
Rem= 37.191
EUR=1031.810
Yrs= 1.917
Qi= 1814.3
De= 9.643
n= .000
Qab= 1500.0