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Hobbs, NM 88241-1980  
District II - (505) 748-1283  
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Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410

New Mexico  
Minerals and Natural Resources Department  
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 production 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.

R. E. Pollard  
(Name)

Senior Government Compliance Representative  
(Title)

JUL 06 1997

mf

SUBSCRIBED AND SWORN TO before me this 1st day of July, 19 97

Luc Kerley  
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 97.

Paul J. Kang  
District Supervisor, District 7  
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.

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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   |

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

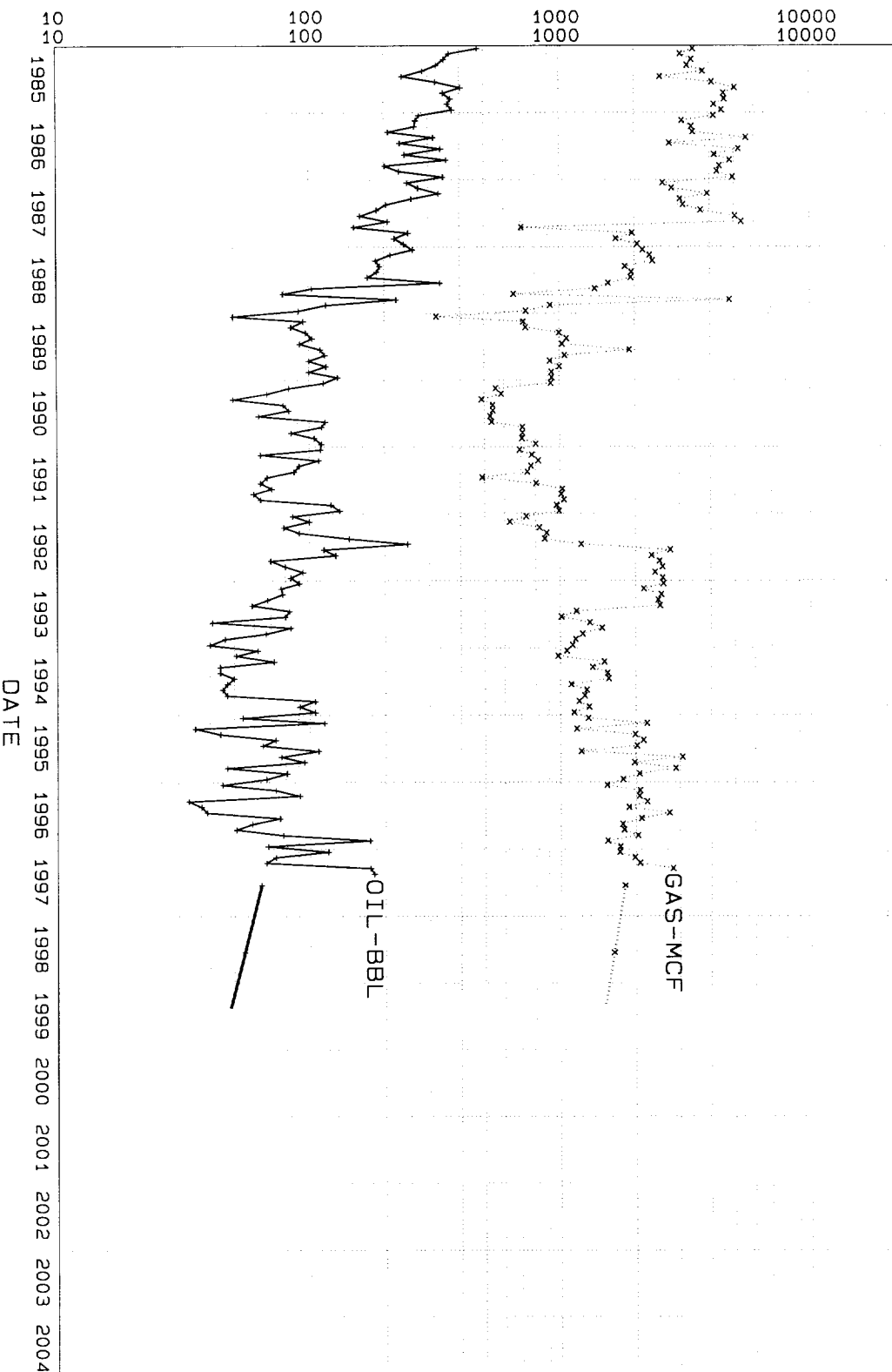
DATE: 06/30/97  
TIME: 10:28:54  
PAGE: 1  
POLLARD.DBS

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 |

GAS-MCF  
OIL-BBL

WALTER LYNCH  
FIELD :  
COUNTY: LEA  
OPERATOR: MARATHON OIL COMPANY  
STATE : NM  
WELL NO. 6



OIL  
Gai=DEFAULT  
Ref=07/97  
Cum=90.434  
Rem=1.273  
EUR=91.707  
Yrs=1.917  
Q1=64.4  
De=14.299  
n=.000  
Qab=48.0

GAS  
Gai=DEFAULT  
Ref=07/97  
Cum=994.619  
Rem=37.191  
EUR=1031.810  
Yrs=1.917  
Q1=1814.3  
De=9.643  
n=.000  
Qab=1500.0