

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 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-0306

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: W. S. Marshall "B" No. 1 API #: 3002509934
Location of Well: Unit Letter N, 589 Feet from the S line and 2051 feet from the W line,
Section 27, Township 21-S, Range 37-E, NMPM, Lea County

III. Date Workover Procedures Commenced: January 28, 1997
Date Workover Procedures were Completed: February 15, 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: Blaine

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.

Richard E. Pollard
(Name)

Senior Government Compliance Representative
(Title)

4/16/97

SUBSCRIBED AND SWORN TO before me this 14 day of April, 19 97

Lee Ziering
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 2-15-97, 1997

Paul J. Keady
District Supervisor, District 1
Oil Conservation Division

Date: 5-21/97

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

W. S. MARSHALL "B" NO. 1
DESCRIPTION OF WORKOVER PROCEDURE
(1/28/97 - 2/15/97)

1. Killed well, POOH with rods and pump, NU BOP's.
2. POOH with tubing.
3. Ran bit and scraper to 6058'.
4. RIH with RBP and packer, set RBP at 5760', packer at 5420'. Tested casing to 1000 psi, POOH with packer.
5. Selectively perf Blinebry 5490'-5712'.
6. Ran 3-1/2" workstring and packer, set packer at 5430'.
7. Acidized Blinebry with 6500 gallons 15%.
8. Swabbed spent acid.
9. POOH with packer and ball catcher.
10. Ran 3-1/2" tubing and packer, set packer at 5430'.
11. Frac Blinebry with 122,000 gallons of 20# cross-linked gel and 297,000# 16/30 sand.
12. Pulled packer, washed over and released RBP. POOH.
13. Washed sand using foam and air.
14. Ran production tubing, pump, and rods.

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W. S. MARSHALL "B" NO. 1
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:	May 1, 1995
End of history match:	January 1997
Projection method:	Exponential decline
Bad data removed:	None

Oil:

Start of history match:	January 1, 1986
End of history match:	January 1, 1997
Projection method:	Exponential decline
Bad data removed:	None

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GAS-MCF
OIL-BBL

100000
10000

10000
1000

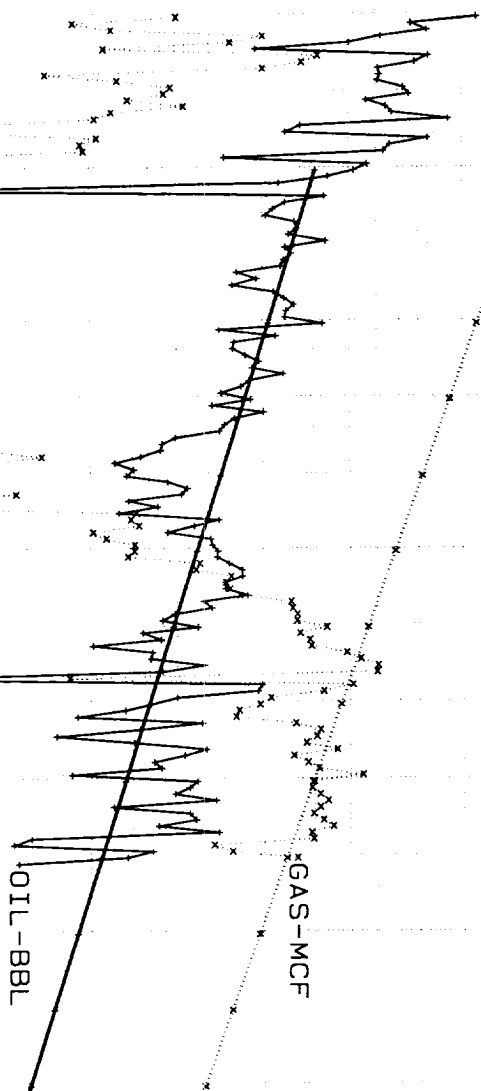
1000
100

100
10

W S MARSHALL B
FIELD : BLINEBRY OIL AND GAS
COUNTY: LEA
OPERATOR: MARATHON OIL COMPANY
STATE : NM

WELL NO. 1

1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004
DATE



OIL
Gal=DEFAULT
Ref= 01/88
Cum= 13.404
Rem= 17.440
EUR= 30.844
Yrs= 12.167
Q1= 309.2
De= 17.484
N= .000
Qab= 29.9
GAS
Gal=DEFAULT
Ref= 01/88
Cum= 28.942
Rem= 331.133
EUR= 920.130
Yrs= 12.167
Q1= 17382.6
De= 19.794
N= .000
Qab= 1201.7

W S MARSHALL B WELL NO. 1
 API NO. 30025099340000
 BLINEBRY OIL AND GAS FIELD
 LEA COUNTY , NM

DATE: 04/07/97
 TIME: 07:55:13
 PAGE: 1
 MOCSE.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
3/97	53	2307
4/97	52	2265
5/97	51	2223
6/97	50	2183
7/97	49	2143
8/97	49	2104
9/97	48	2066
10/97	47	2028
11/97	46	1991
12/97	46	1955
YTD/97	491	21266
1/98	45	1919
2/98	44	1884
3/98	43	1850
4/98	43	1816
5/98	42	1783
6/98	41	1751
7/98	41	1719
8/98	40	1688
9/98	39	1657
10/98	39	1627
11/98	38	1597
12/98	38	1568
TOT/98	494	20860
1/99	37	1539
2/99	36	1511
3/99	36	1484
4/99	35	1457
5/99	35	1430
6/99	34	1404
7/99	34	1379
8/99	33	1354
9/99	33	1329
10/99	32	1305
11/99	32	1281
12/99	31	1258
TOT/99	408	16731
TOTAL	1393	58857

W S MARSHALL B WELL NO. 1
API NO. 30025099340000
BLINEBRY OIL AND GAS FIELD
LEA COUNTY , NM

DATE: 04/07/97
TIME: 07:55:16
PAGE: 2
MOCSE.DBS

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

DATE	OIL / COND	GAS
PRIOR	1393	58857
1/00	31	1235
2/00	30	1212
3/00	0	0
4/00	0	0
5/00	0	0
6/00	0	0
7/00	0	0
8/00	0	0
9/00	0	0
10/00	0	0
11/00	0	0
12/00	0	0
TOT/00	61	2447
TOTAL	1453	61304