

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 511 S. 1st Street, Artesia, NM 88210-2834
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Marathon Oil Company P.O. Box 552 Midland, Texas 79702		² OGRID Number 14021
⁴ Property Code 06475 27145		³ API Number 30-025-35367
⁵ Property Name section State Section "7" Com.		⁶ Well No. # 2

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
"O"	7	17-S	35-E		926'	South	1980'	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
⁹ Proposed Pool 1 North Vacuum Atoka/Morrow					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3999'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,500'	¹⁸ Formation Atoka	¹⁹ Contractor Unknown	²⁰ Spud Date Jan. 25th

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.50"	13-3/8"	48#	450'	500	Surface
12.25"	9-5/8"	36# & 40#	4800'	1370	Surface
8.75"	7"	26#	12,000'	890	D.V. Tool @ 9000'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Marathon is proposing to drill a 12,500' Atoka completion well.

Proposed BOPE:
 Surface hole 13-5/8" 3M Dual Ram Annularw/ choke manifold.

All casing shall be run and cemented in accordance w/ OCD Rule # 107.

All BOPE shall be installed and operated in accordance with OCD rules#'s 109,114.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Jerry Fletcher* 1/19/01

Printed name: **Jerry Fletcher**

Title: **Engineer Tech.**

OIL CONSERVATION DIVISION	
Approved by: JERRY W. BROWN, DISTRICT SUPERVISOR	
Title: DISTRICT SUPERVISOR	
Approval Date: 1/19/01	Expiration Date:

Permit Expires 1 Year From Spud Date
 Date Unless Drilling Underway

Jerry Fletcher

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-D25-35367	Pool Code 86800	Pool Name North Vacuum Atoka/ Morrow
Property Code 2745-06475	Property Name STATE SECTION 7 COM.	Well Number 2
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3999

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	7	17-S	35-E		926	SOUTH	1980	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill Y	Consolidation Code C	Order No.
60 SW OF SE			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 1 37.51 AC	LOT 2 37.55 AC	LOT 3 37.57 AC	LOT 4 37.61 AC	<p>State Sec. "7" Com. # 1</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Jerry Fletcher</i> Signature</p> <p>Jerry Fletcher Printed Name</p> <p>Engineer Tech. Title</p> <p>1/19/01 Date</p>
				<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>JANUARY 15, 2001 Date Surveyed</p> <p>AWB Signature & Seal of Professional Surveyor</p> <p><i>Ronald J. Eidson</i> Signature</p> <p>01-11-0040 Seal</p> <p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p>	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

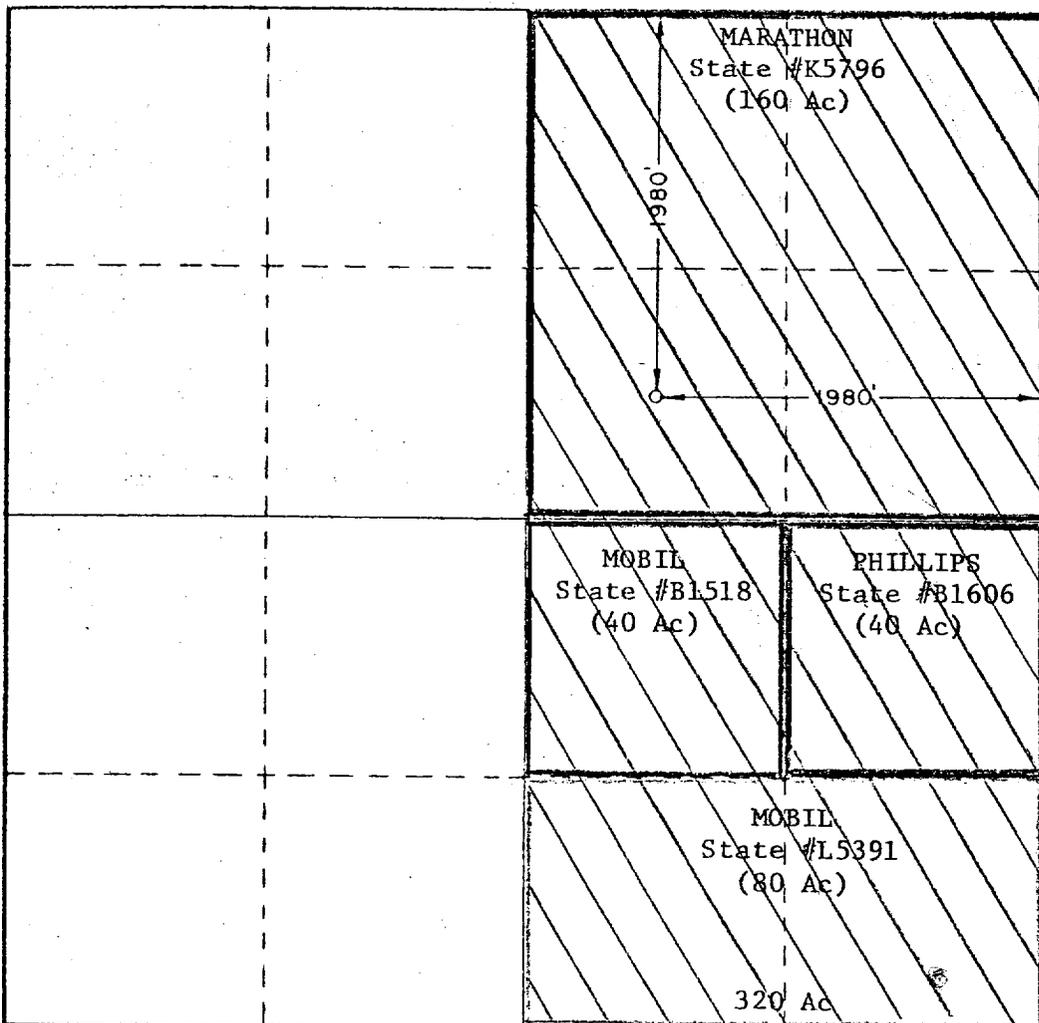
Operator Marathon Oil Company			Lease State Section 7 Com		Well No. 1
Unit Letter G	Section 7	Township 17 South	Range 35 East	County Lea	
Actual Footage Location of Well:					
1980	feet from the	North	line and	1980	feet from the East line
Ground Level Elev. 4007	Producing Formation Atoka		Pool Undesignated	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc.?

Yes No If answer is "yes" type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Robert J. Duenckel

Name
Robert J. Duenckel
Position
Petroleum Engineer
Company
Marathon Oil Company

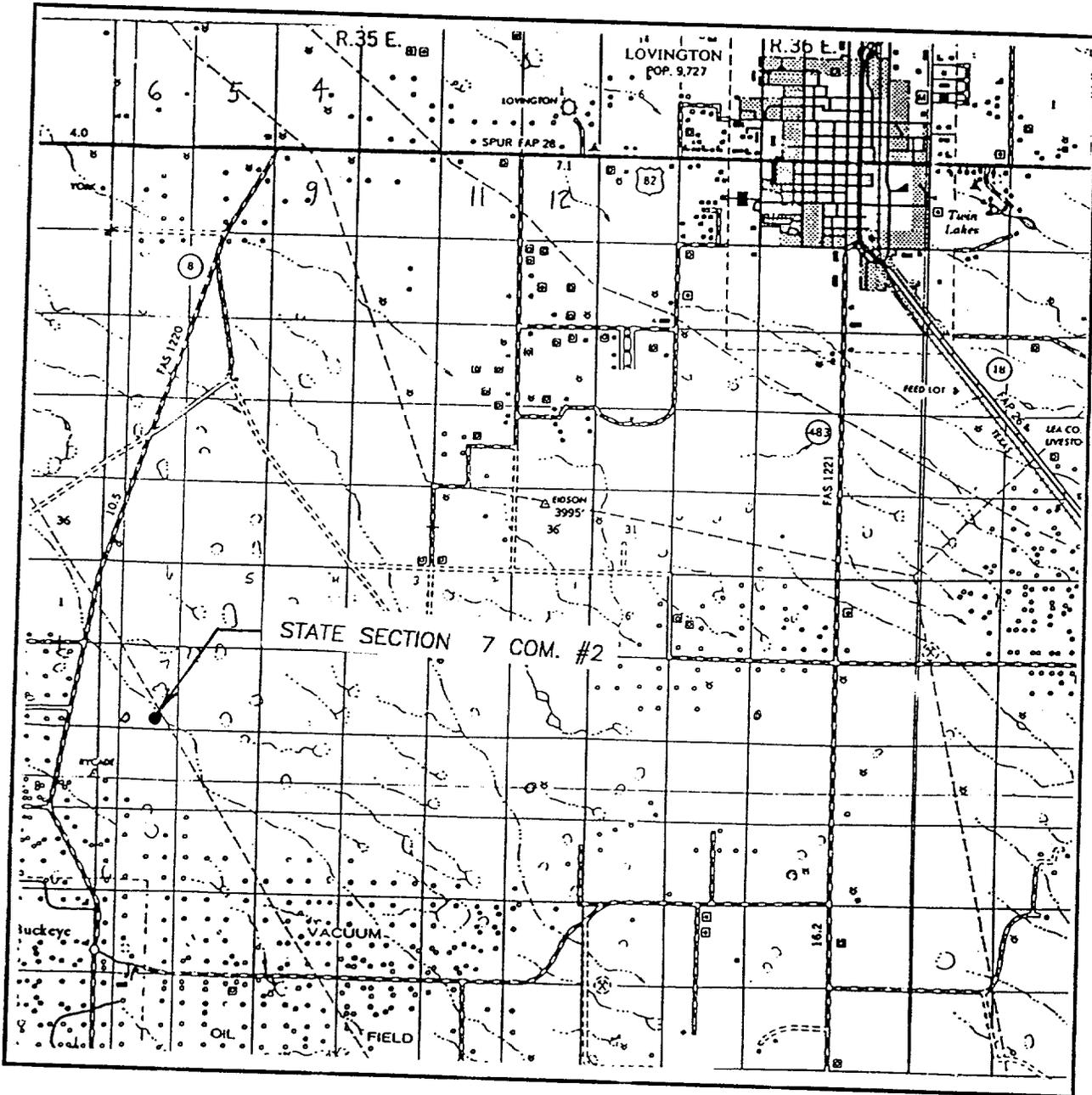
Date
May 3, 1976

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
April 27, 1976
Registered Professional Engineer and Land Surveyor
676

John W. West
Certified
JOHN W. WEST

VICINITY MAP

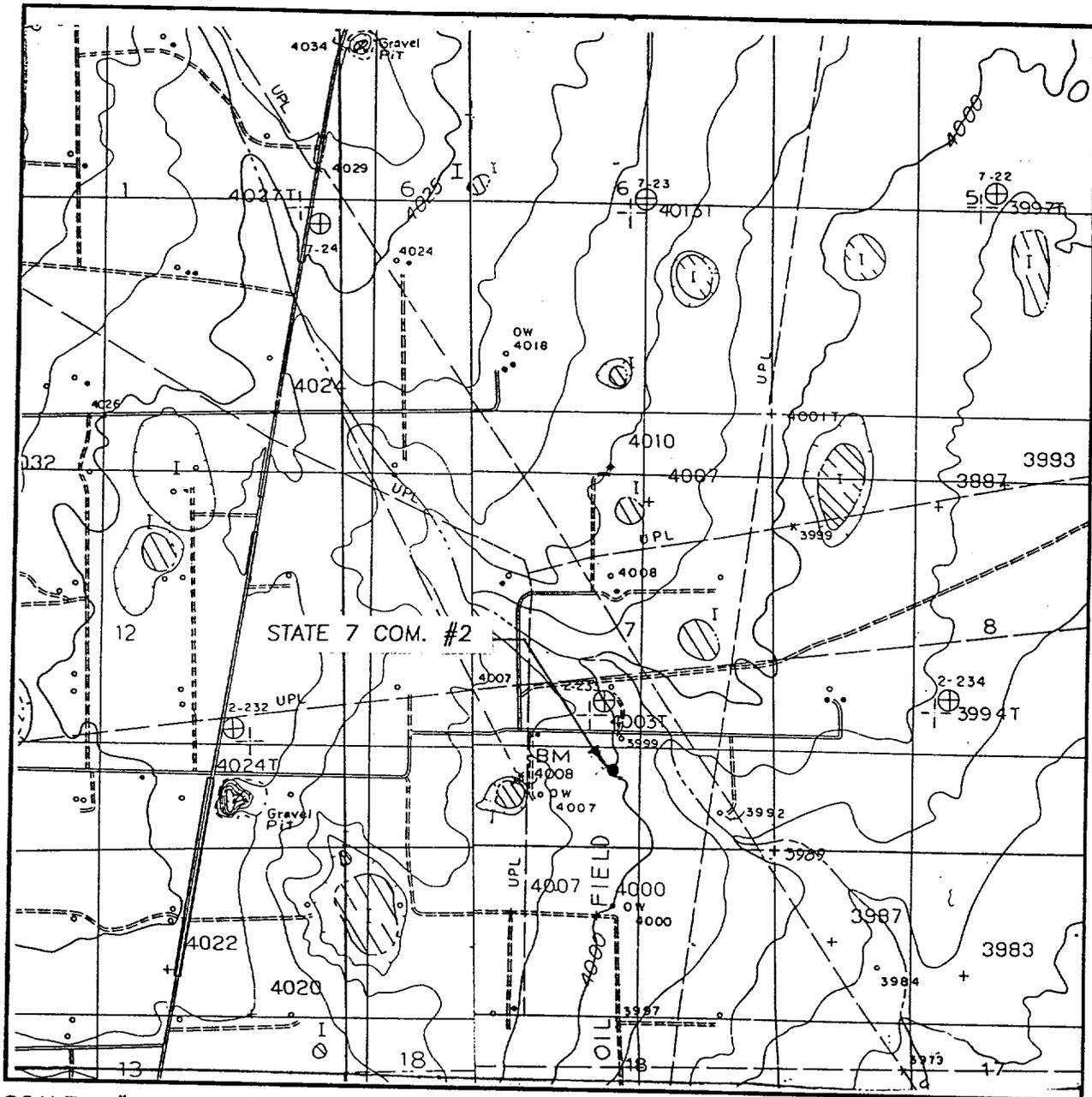


SCALE: 1" = 2 MILES

SEC. 7 TWP. 17-S RGE. 35E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 926'FSL & 1980'FEL
 ELEVATION 3999
 OPERATOR MARATHON OIL COMPANY
 LEASE STATE SECTION 7 COM.

JOHN WEST SURVEYING
 HOBBS, NEW MEXICO
 (505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 20'
LOVINGTON SW N.M.

SEC. 7 TWP. 17-S RGE. 35E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 926'FSL & 1980'FEL

ELEVATION 3999

OPERATOR MARATHON OIL COMPANY

LEASE STATE 7 COM.

U.S.G.S. TOPOGRAPHIC MAP
LOVINGTON SW N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

