

PNRM0508839528

C-103 Received 7-19-2004
DHL Assigned 3-29-2005

Order Number	API Number	Operator	County			
HOB-0068A	30-025-25131	Marathon Oil Company	Lea			
Order Date	Well Name	Number	Location			
	Walter Lynch	006	F	1	22S	37E
			UL	Sec	T (+Dir)	R (+Dir)
Pool 1	Order Number	Well Name	Oil %	Gas %		
	06660	Blinebry Oil+ Gas (Oil)	50%	56%		
Pool 2	Order Number	Well Name	Oil %	Gas %		
	86440	Tubb Oil+ Gas (Pro Gas)	0%	19%		
Pool 3	Order Number	Well Name	Oil %	Gas %		
	07900	Brunson Drinkard Abo, South	50%	25%		
Pool 4	Order Number	Well Name	Oil %	Gas %		
Comments: Work completed effective _____ Work cancelled effective _____ Supplement _____						

(AMENDED)

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-25131

HOB-0068A

OPERATOR: Marathon Oil Company

PROPERTY NAME: Walter Lynch

WNULSTR: 6-F, 1-22-37

SECTION I:		ALLOWABLE AMOUNT	
06660	POOL NO. 1 <u>Blinebry Oil+Gas (Oil)</u>	<u>107</u>	<u>428</u> MCF 4000
86440	POOL NO. 2 <u>Tubb Oil+Gas (Pro Gas)</u>	<u>999</u>	<u>9999</u> MCF 99999
07900	POOL NO. 3 <u>Brunson Drinkard Abo, South</u>	<u>142</u>	<u>852</u> MCF 6000
	POOL NO. 4 _____		MCF
		POOL TOTALS <u>249</u>	<u>1280</u>

SECTION II:		Oil	Gas
POOL NO. 1	<u>Blinebry Oil+Gas (Oil)</u>	50% X 249 = 124.50	56%
POOL NO. 2	<u>Tubb Oil+Gas (Pro Gas)</u>	0%	19%
POOL NO. 3	<u>Brunson Drinkard Abo, South</u>	50%	25%
POOL NO. 4	_____		

	<u>OIL</u>	<u>GAS</u>
SECTION III:		
	<u>107 ÷ 50% = 214</u>	_____
SECTION IV:		
	<u>214 X 50% = 107</u>	_____
	<u>214 X 0% = 0</u>	_____
	<u>214 X 50% = 107</u>	_____

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 1201 W. Grand Ave., Artesia, NM 88210
 District III
 100 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 March 4, 2004

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-25131
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Walter Lynch
8. Well Number 6
9. OGRID Number 14021
10. Pool name or Wildcat Multiple

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other **Downhole Comingle**

2. Name of Operator
Marathon Oil Company

3. Address of Operator
P.O. Box 3487, Houston Texas 77253-3487

4. Well Location
 Unit Letter **F** : **2310** feet from the **North** line and **1980'** feet from the **West** line
 Section **1** Township **22-S** Range **37-E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
GL 3353'

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit location: UL _____ Sect _____ Twp _____ Rng _____ Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____
 Distance from nearest surface water _____ Below-grade Tank Location UL _____ Sect _____ Twp _____ Rng _____ ;
 _____ feet from the _____ line and _____ feet from the _____ line

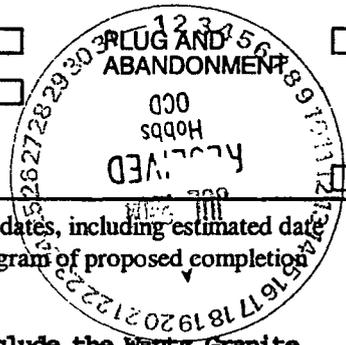
12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK PLUG AND ABANDON
 TEMPORARILY ABANDON CHANGE PLANS
 PULL OR ALTER CASING MULTIPLE COMPLETION
 OTHER: **Amend Downhole Comingle Permit**

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ALTERING CASING
 COMMENCE DRILLING OPNS.
 CASING TEST AND CEMENT JOB
 OTHER:



13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marathon Oil Company is requesting that DHC Order No. HOB-0068 be amended to exclude the Wantz Granite Wash reservoir (62730). Marathon was unable to reactivate this reservoir in the Walter Lynch No. 6 at this time due to an obstruction (old packer @ 7282').

Please see the attached documents for a new production profile, production plots, and wellbore diagram.

DHC Order No. HOB-0068A

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit or an (attached) alternative OCD-approved plan

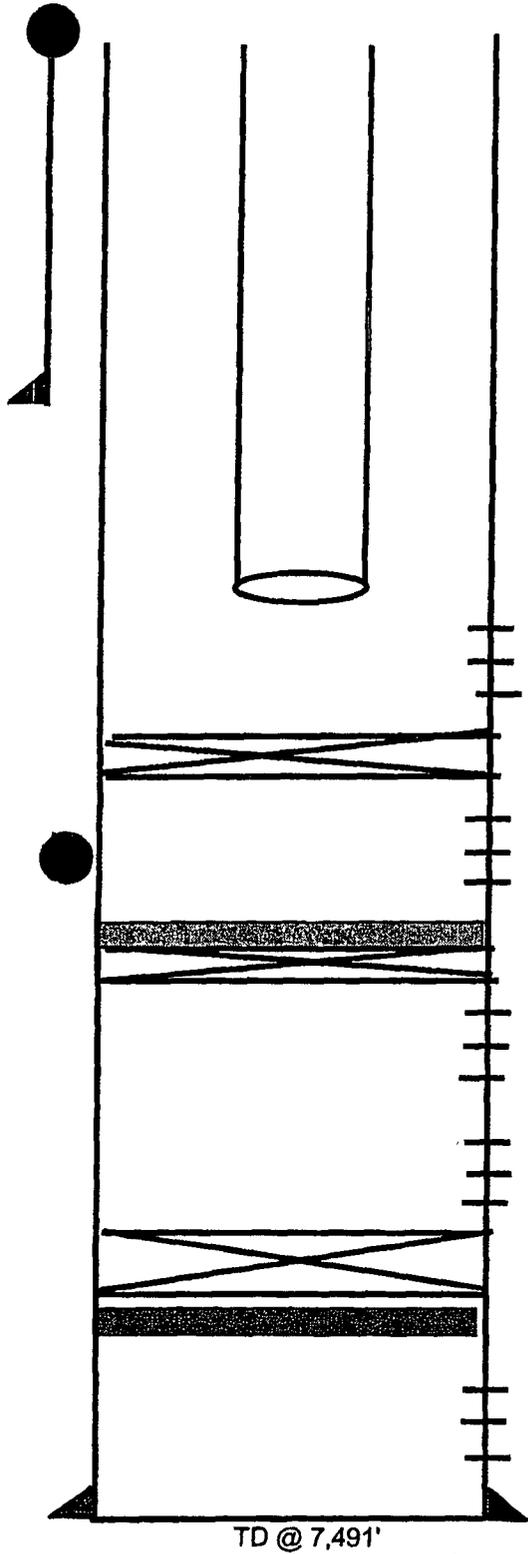
SIGNATURE Charles E. Kendrick TITLE Engineering Technician DATE 07/13/2004
 E-mail address: cekendrix@MarathonOil.com
 Telephone No. 713-296-2096

(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JUL 20 2004
 Conditions of approval, if any:

**Walter Lynch No. 6
DHC Amended Attachment**

- i) Pre-approved pool status was established by Division Order R-11363
- ii) Blinebry Oil & Gas (06660), Tubb Oil & Gas (86440),
& Brunson Drinkard-Abo, South (07900)
- iii) Blinebry Oil & Gas (5476'-5806'), Tubb Oil & Gas (5965'-6194')
Brunson Drinkard-Abo, South (6319'-7266')
- iv) Blinebry Oil & Gas (56% gas & 50% oil), Tubb Oil & Gas (19% gas & 0 % oil)
Brunson Drinkard-Abo, South (25% gas & 50% oil) Supported from tests prior to
temporary abandonment.
- v) The proposed commingling will not reduce the value of the total remaining
production.
- vi) The ownership and percentages of ownership are identical for the zones.



9-5/8" at 1,250'

DV tool at 4,432'

Blinebry 5,476' - 5,806'

CIBP @ 5,950'

Tubb 5,965' - 6,194'

CIBP @ 6,300' w/35' cmt

Upper Drinkard 6,319' - 6,382'

Drinkard Abo 6,670' - 7,266'

CIBP @ 7,280'

Fish at 7,281'

Granite Wash 7,404' - 7,455'

7" at 7,490'

TD @ 7,491'

Field: Drinkard

Lease & Well: Walter Lynch Well No. 6

Location: Unit F, 2,310' FNL & 1,980' FWL
Section 1, T-22-S, R-37-E

County & State: Lea County, New Mexico

Status: Active pumping well

TD: 7,491' **PBTD:** 5,950' **GL:** 3,353' **KB:** 3,364'

Surface Casing: 9-5/8", 36# casing set @ 1,250'.
Cmt'd w/650 sks.

Production Casing: 7", 23# casing set 7,490'
DV tool at 4,199'. Cmt'd w/ 3,450 sks
Circ'd to surface.

Tubing:

History:

- 1976 - Drilled & completed as dual Drinkard Abo and Granite Wash producer
- 1977 - Added Upper Drinkard perfs
- 1980 - Downhole commingled (pumping) DA & GW
- 1997 - Tested Tubb. Flowed 41 MCFD, overnight SITP - 350#, TA'd w/CIBP Completed to Blinebry

Blinebry - Currently pumping 2 BOPD & 65 MCFPD
Drinkard Abo/Granite Wash - SI 1997 - Pumping 3 BOPD & 61 MCFD
Tubb - 1997 - Tested 41 MCFD

	Cums	MBO	MMCF
Blinebry		8.7	297
Tubb		0	0
Drinkard Abo		46.7	644
GW		43.6	351

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25131		² Pool Code 6660		³ Pool Name Blinebry Oil & Gas (Oil)	
⁴ Property Code 6424		⁵ Property Name Walter Lynch			⁶ Well Number 6
⁷ OGRID No. 14021		⁸ Operator Name Marathon Oil Company			⁹ Elevation KB 3,364'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	1	22-S	37E		2,310'	North	1,980'	West	Lea

¹¹ 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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

<p>¹⁶</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Brent Lockhart</i></p> <p>Signature</p> <p>Brent Lockhart Printed Name</p> <p>Engineer BDLockhart@MarathonOil.com</p> <p>Title and E-mail Address</p> <p>1/9/4</p> <p>Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>

District I
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Form C-102
Revised June 10, 2003

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30/025/25131		² Pool Code 86440		³ Pool Name Tubb Oil & Gas (PRO GAS)	
⁴ Property Code 006424		⁵ Property Name Walter Lynch			⁶ Well Number 6
⁷ OGRID No. 14021		⁸ Operator Name Marathon Oil Company			⁹ Elevation 3353'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	1	22-S	37-E		2310	North	1980	West	Lea

¹¹ 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

¹² Dedicated Acres 160	¹³ Joint or Infill Y	¹⁴ Consolidation Code	¹⁵ Order No.
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	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Charles E. Kendrick</i></p> <p>Signature</p> <p>Charles E. Kendrick</p> <p>Printed Name</p> <p>Engineering Technician</p> <p>cekendrix@MarathonOil.com</p> <p>Title and E-mail Address</p> <p>07/14/2004</p> <p>Date</p>
	<p>¹⁸ 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>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION P

Form O-102
Superseded L-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

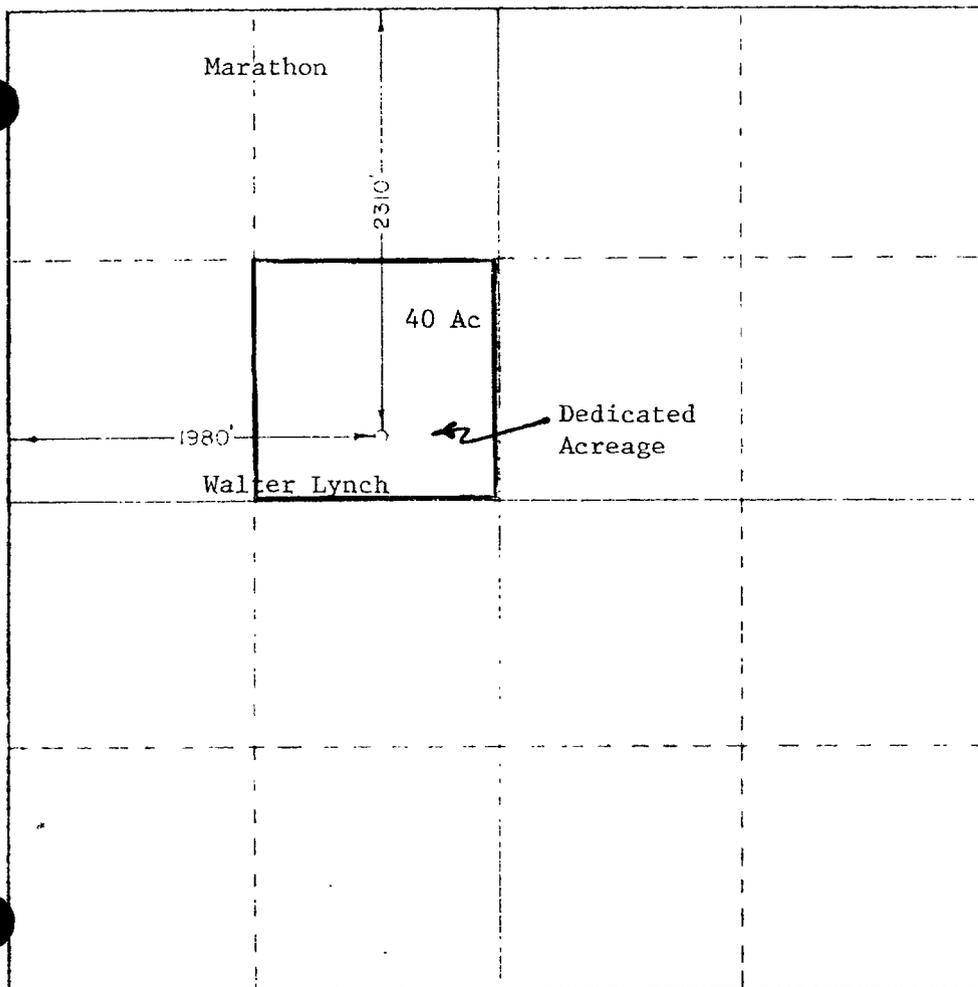
Operator Marathon Oil Company		Lease Walter Lynch		Well No. 6
Tract Letter F	Section 1	Township 22 South	Range 37 East	County Lea
Actual Well Location of Wells:				
2310	feet from the	North	line and	1980 feet from the
Ground Level Elevation 3352	Producing Formation Drinkard	Pool Drinkard	Estimated Acreage 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (if so 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.

M. L. Johnston

M. L. Johnston

Petroleum Engineer

Marathon Oil Company

September 19, 1975

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.

STATE ENGINEER & LAND SURVEYOR
STATE OF NEW MEXICO
September 13, 1975
John W. West
576

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Did not produce

All distances must be from the outer boundaries of the Section

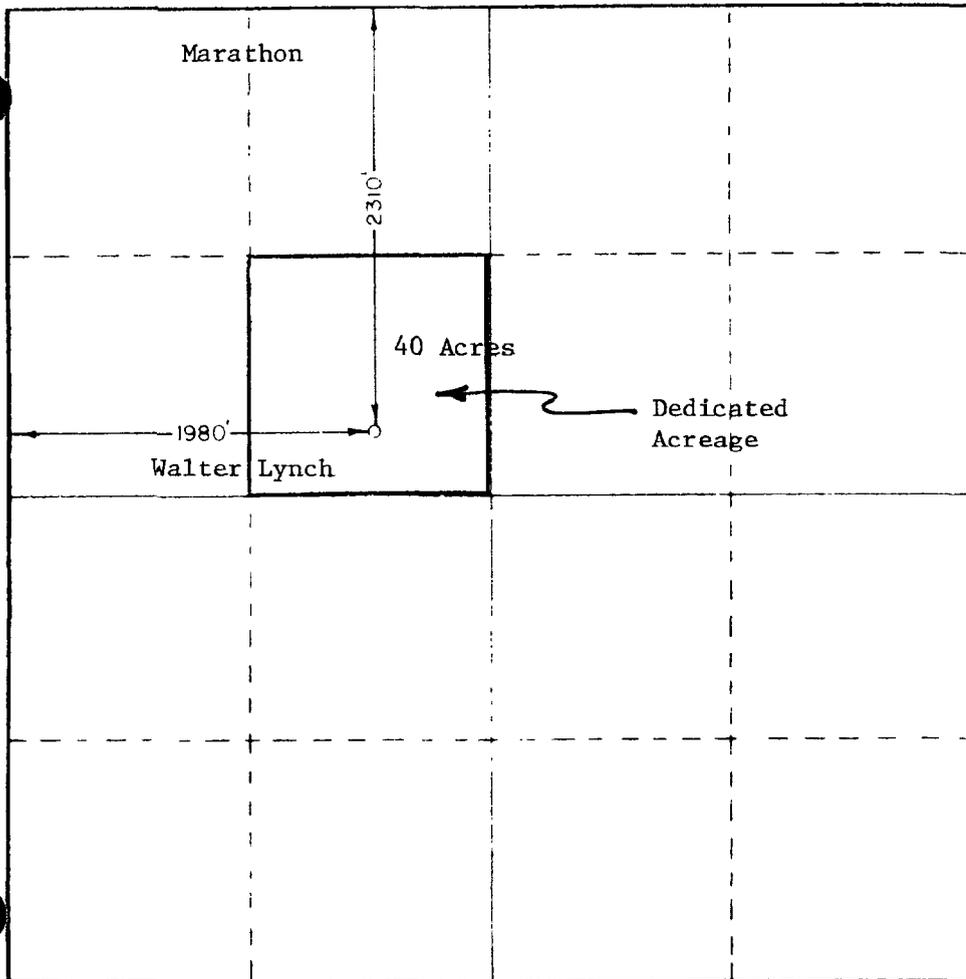
Marathon Oil Company			Walter Lynch			Well No. 6
Section F	Section 1	Township 22 South	Range 37 East	County Lea		
Aerial Photo Location of Well:						
2310	feet from the North	line and	1980	feet from the West	line	
Ground Level Elev. 3352	Producing Formation Granite Wash		Pool Wantz Granite Wash		Dedicated Acreage 40 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 _____

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

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CERTIFICATION

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

M. L. Johnston

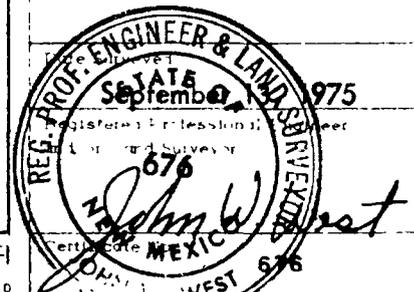
M. L. Johnston

Petroleum Engineer

Marathon Oil Company

September 19, 1975

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



0 330 660 990 1320 1650 1980 2310 2640 2970 3300