

Pool ARROWHEAD

Operator

National Oil Company
OHIO OIL COMPANY

L.O.

Lease McDONALDWell No. 11 Unit A S 13 T 22 R 36

D6643

DATE OF TEST	DAILY ALLOWABLE	PRODUCED DURING TEST			GAS OIL RATIO	
		WATER, BBLS.	OIL, BBLS.	GAS, MCF		
Feb. 1951 24 hrs.	35	60	33	214.50	6500	Packer Leakage 20%
3-2-51 24 hrs.	35	17	20	110.03	7,301	
12-4-52 24 hrs.	14	16.5	35.5	24.1	10,700	
12-1-54 24 hrs.	6	1.8	3.86	54.4	14,115	
12-9-55 24 hrs.	4	2.20	5.15	74.22	14,411	
10-23-56 24 hrs.	4	3.31	7.40	41.01	5,542	
10-27-57 24 hrs.	4	3.87	9.04	32.61	3607	
12-12-58 24 hrs.	5.1	12.45	12.45	13.03	1448	
10-4-59 24 hrs.	8	1.43	4.43	22.69	5122	2 3-59
10-19-59 24 hrs.	8	3.35	5.36	22.19	4604	10/15/59
10-13-60 24	4	0.87	1.34	26.51	1778	10-22-60
10-23-61 24	3	0.65	0.62	0.56	903	10-2-61
10-13-62 24	1	1.13	0.96	2.59	2698	10-25-62
	ZA					10-3-74
						10-31-74
						10-14-75
						(for 10-26-77
						9-8-77
						11-3-78

District I
PO Box 1980, Hobbs, NM 83411-1980
District II
811 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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-08897	² Pool Code 76480	³ Pool Name Eumont:Yates,7-Rivers, Queen
⁴ Property Code 6436	⁵ Property Name McDonald State A/C 2	⁶ Well Number 11
⁷ OGRID No. 014021	⁸ Operator Name Marathon Oil Company	⁹ Elevation GL: 3441'

¹⁰ Surface Location

UL or lot no. A	Section 13	Township 22-S	Range 36-E	Lot. Idn	Feet from the 330	North/South Line North	Feet from the 330	East/West line East	County Lea
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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
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¹² Dedicated Acres 160	¹³ Joint or Infill Y	¹⁴ Consolidation Code NA	¹⁵ Order No. NSP - 439 SD-99-8
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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>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Thomas P Kacir</u> Signature Thomas P. Kacir Printed Name Production Engineer Title June 25, 1999 Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual survey: 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 _____ Signature and Seal of Professional Surveyer:</p>
	<p>_____ Certificate Number</p>

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised October 18, 1994

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PO Box 1980, Hobbs, NM 88241-1980
District II
811 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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-08897	² Pool Code 76480	³ Pool Name Eumont: Yates, 7-Rivers, Queen
⁴ Property Code 6436	⁵ Property Name McDonald State A/C 2	⁶ Well Number 11
⁷ OGRID No. 014021	⁸ Operator Name Marathon Oil Company	⁹ Elevation GL: 3441'

¹⁰ Surface Location

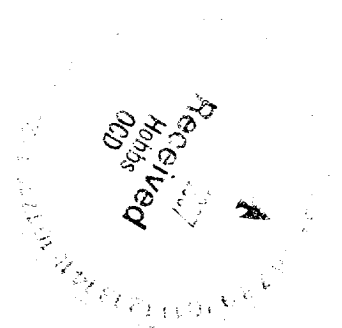
UL or lot no. A	Section 13	Township 22-S	Range 36-E	Lot. Idn	Feet from the 330	North/South Line North	Feet from the 330	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

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 NA	¹⁴ Consolidation Code NA	¹⁵ Order No. NSP - 439						

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

						¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Thomas P. Kacir Signature Thomas P. Kacir Printed Name Production Engineer Title November 3, 1997 Date
	Proration Unit →					¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number



District I
PO Box 1980, Hobbs, NM 78001-1980
District II
811 S. 1st Street, Artesia, NM 87210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-08897		² Pool Code 22800		³ Pool Name Eumont(Yates,7R. Queen)	
⁴ Property Code 6436		⁵ Property Name McDonald State A/C 2			⁶ Well Number 11
⁷ OGRID No. 014021		⁸ Operator Name Marathon Oil Company			⁹ Elevation 3441'

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
A	13	22-S	36-E		330	North	330	East	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. NSP439
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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

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Rick Gaddis Printed Name Advanced Production Engineer Title May 9, 1996 Date	
	¹⁸ SURVEYOR CERTIFICATION 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. _____ Date of Survey _____ Signature and Seal of Professional Surveyer: _____ Certificate Number	

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-08897		² Pool Code 22800		³ Pool Name Eumont: Yates, SR, ON	
⁴ Property Code 6436		⁵ Property Name MCDonald State A/C 2			⁶ Well Number 11
⁷ OGRID No. 014021		⁸ Operator Name Marathon Oil Company			⁹ Elevation GL:3441

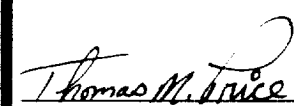
¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	13	22-S	36-E		330	North	330	East	Lea

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	¹⁴ Consolidation Code	¹⁵ Order No. NSP-439
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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

<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; right: 0; text-align: right;"> 330' 11' 330' </div> </div>	¹⁷ OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	<div style="text-align: right;">  Signature Thomas M. Price Printed Name Advanced Engineering Tech Title 7/5/95 Date </div>	
<div style="position: relative; height: 100px;"> </div>	¹⁸ SURVEYOR CERTIFICATION	
	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.	
	<div style="text-align: right;"> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number </div>	

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240 X

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Marathon Oil Company			Lease McDonald St A/C 2		Well No. 11
Unit Letter A	Section 13	Township 22-S	Range 36-E	County NMPM Lea	
Actual Footage Location of Well: 330' feet from the North line and 330' feet from the East line					
Ground level Elev. 3441	Producing Formation Eumont YSRQ		Pool Eumont oil & Gas		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

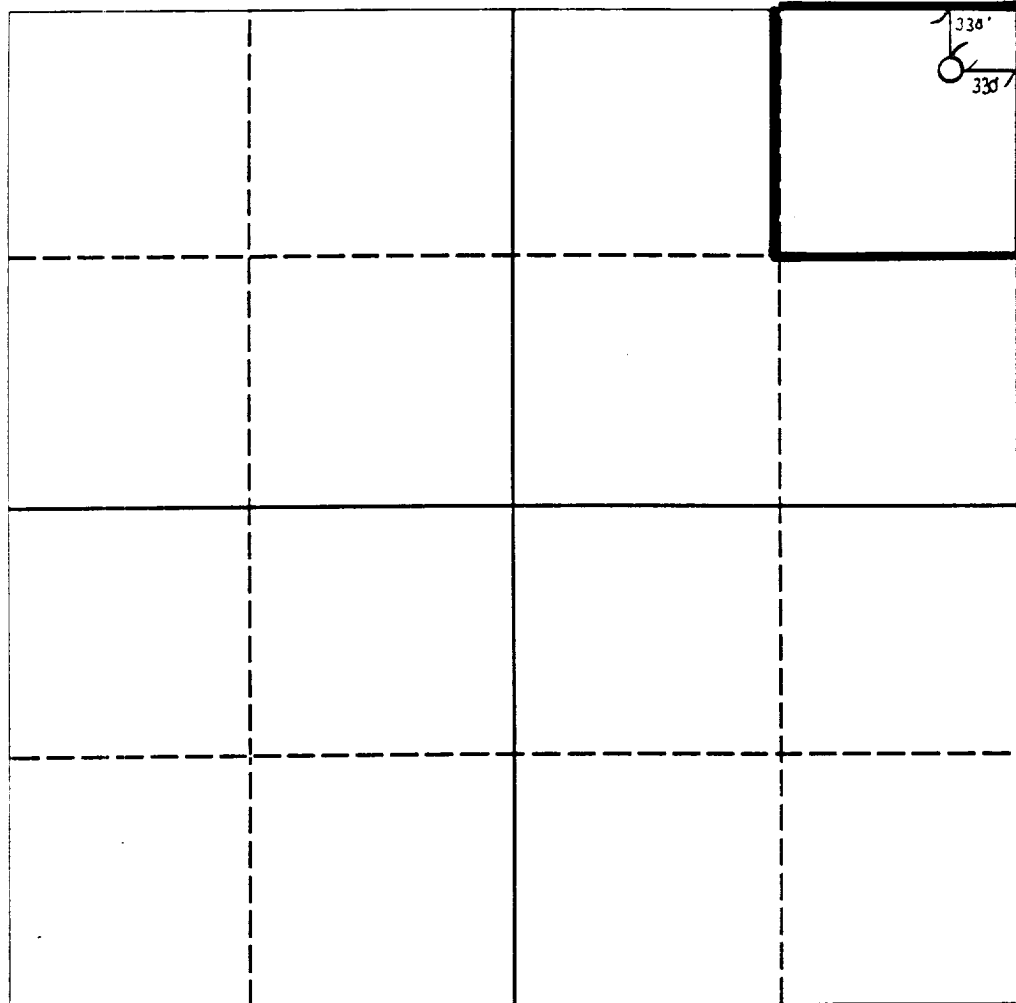
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest 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.) _____

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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Thomas M. Price

Position

Engineering Tech.

Company

Marathon Oil Company

Date

May 10, 1993

SURVEYOR CERTIFICATION

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

Signature & Seal of
Professional Surveyor

Certificate No.

Rectangular Eumont oil off 5/93

All distances must be from the outer boundaries of the Section.

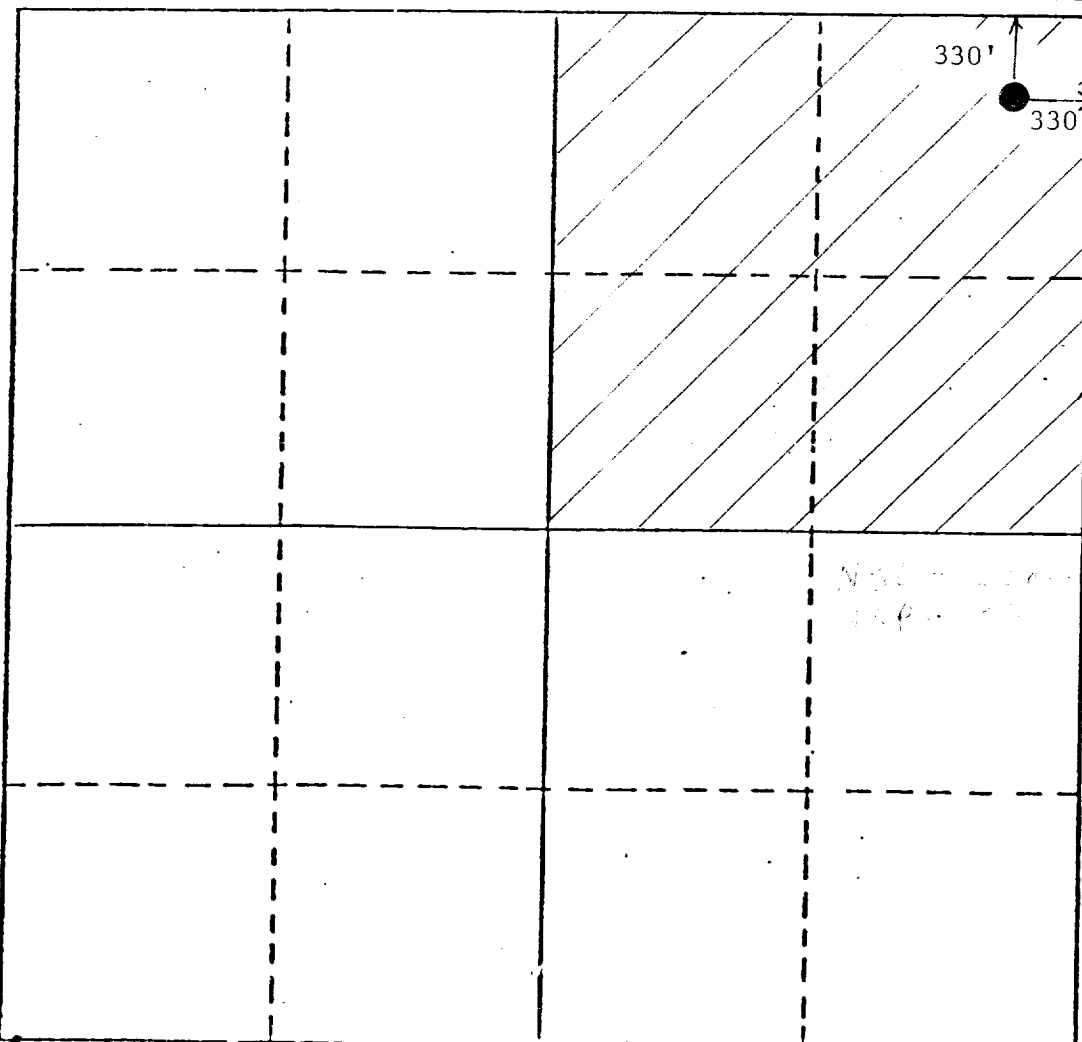
Operator Marathon Oil Company		Lease McDonald State A/C 2		Well No. 11
Unit Letter A	Section 13	Township 22-S	Range 36-E	County Lea
Actual Footage Location of Well: 330 feet from the North line and 330 feet from the East line				
Ground Level Elev. 3452'	Producing Formation Eumont 7R-Queen	Pool Eumont	Dedicated Acreage: 160 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.) _____

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 Division



CERTIFICATION

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

Eric M. Pringle

Name
Eric M. Pringle

Position
Engineer

Company
Marathon Oil Company

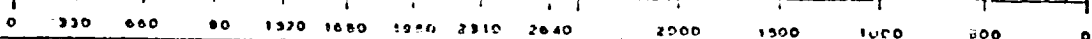
Date
July 30, 1987

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

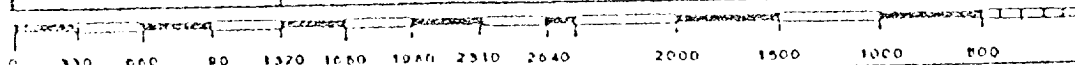


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JUL 31 1967

OCD
HQBRS OFFICE

Form C-102
Revised 10-1-78



NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date October 29, 1958

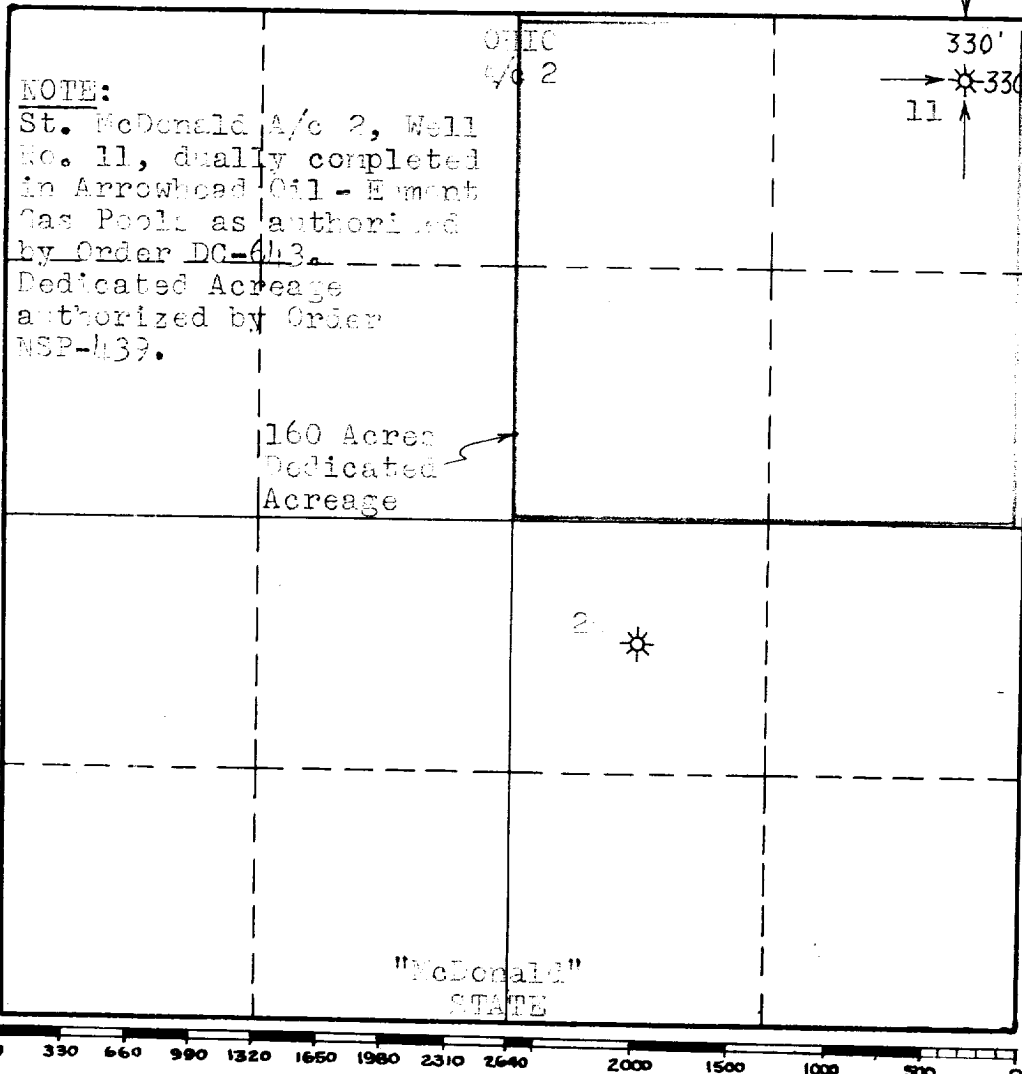
Operator The Ohio Oil Company Lease State McDonald A/c 2
Well No. 11 Unit Letter A Section 13 Township 22 S Range 36 E NMPM
Located 330 Feet From North Line, 330 Feet From East Line
County Lea G. L. Elevation 3441 Dedicated Acreage 160 Acres
Name of Producing Formation Queen Pool Eumont Gas

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes X No .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

The Ohio Oil Company
(Operator)

Charles A. Webb
(Representative)

Box 2107, Hobbs, N.M.
Address

This is to certify that the well location shown on the plat in Section B 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

Registered Professional
Engineer and/or Land Surveyor.

Certificate No.
(See instructions for completing this form on the reverse side)

INSTRUCTIONS FOR COMPLETION:

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

* "Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)