

# MACK ENERGY CORPORATION

NSL

4/8/99

Post Office Box 960  
Artesia, New Mexico 88211-0960  
(505) 748-1288 / FAX (505) 746-2362

MAR 19 1999

March 18, 1999

Oil Conservation Division  
Attn: Mike Stogner  
2040 South Pacheco  
Santa Fe, NM 87505

N53

NSLOILSP. 2

Dear Mr. Stogner:

Mack Energy Corporation respectfully requests an administrative approval without notice and hearing of the following unorthodox well location.

Because of our desire to drill this well in a timely manner, we also request your approval be expedited. The well location and legal description is as follows:

Mimosa State #2  
1650 FSL & 2070 FWL  
Sec. 30, T17S, R29E  
Eddy County, New Mexico

The well will be completed in the Paddock formation in the Empire Yeso Pool.

Attached to this application are the following exhibits.

- A.) Well location and acreage dedication plat (form C-102) filed with the Artesia office of the Oil Conservation Division (Exhibit A).
- B.) A plat showing the proposed unorthodox locations, the respective proration units, and the offsetting proration units (Exhibit B).
- C.) A map showing the reason for the unorthodox location, the original location would have fallen on top of or too close to existing pipelines (Exhibit C).
- D.) A lease & well location map showing that there is 1 well drilled, 1 well staked, and two other possible locations for effective 10-acre spacing on this particular 40-acre tract (Exhibit D).

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 88211-0719

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96210	Pool Name Empire Yeso
Property Code 24229	Property Name MIMOSA STATE	Well Number 2
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3642'

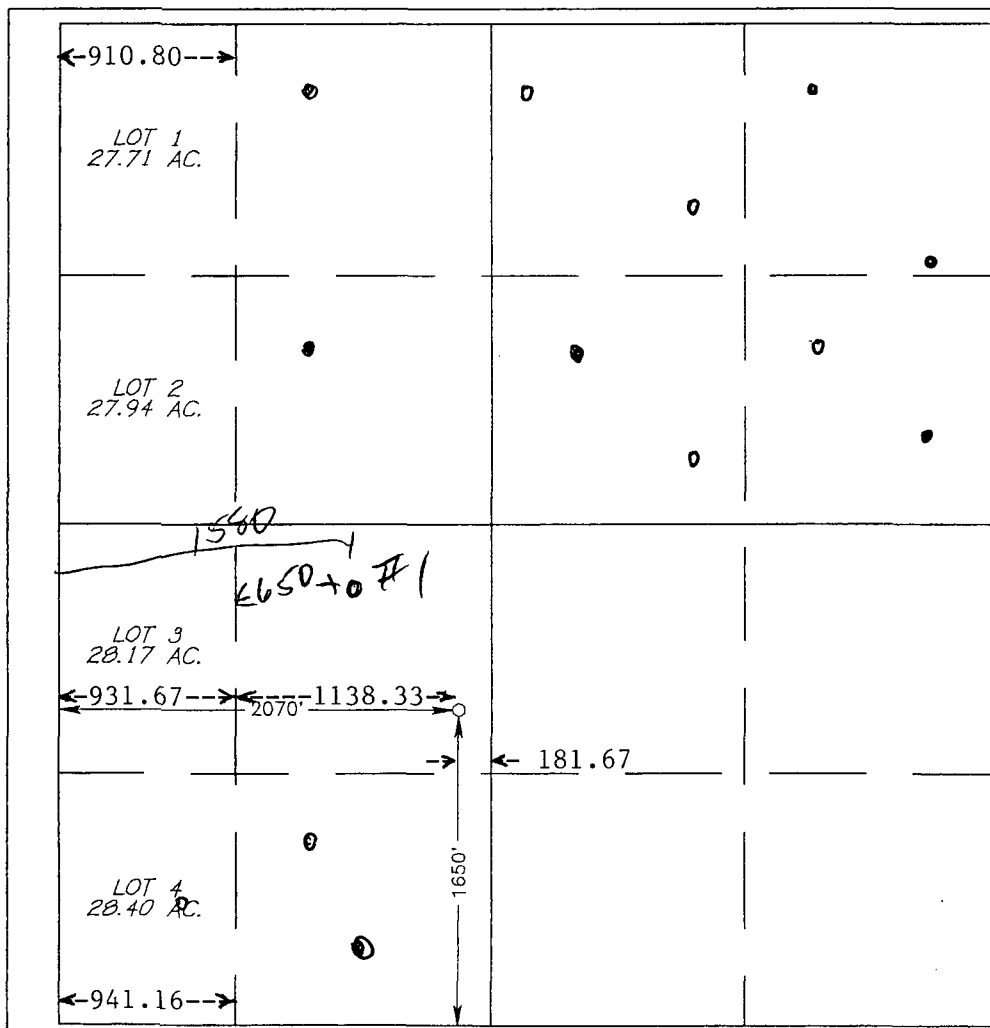
Surface Location

UL or lot No. K	Section 30	Township 17 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 2070	East/West line WEST	County EDDY
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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	Joint or Infill	Consolidation Code	Order No.						

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



OPERATOR CERTIFICATION

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

*Matt J. Brewer*  
Signature

Matt J. Brewer  
Printed Name

Geological Engineer  
Title

3/17/99  
Date

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.

OCTOBER 2, 1998

Date Surveyed CDG

Signature & Seal  
Professional Surveyor  
RONALD J. EDSON  
NEW MEXICO  
3239  
98-11-13010

Certificate No. RONALD J. EDSON 3239  
GARY EDSON 12641

*Oil Conservation Division*

*March 18, 1999*

*Page 2*

*Moving the location to the east will provide better drainage for the Empire Yeso Pool since future locations will be located on effective 10-acre spacing.*

*By copy of this letter including the exhibits to all parties, we are notifying them by certified mail return-receipt requested of the unorthodox location.*

*Thank you for your assistance in this matter. If you have any questions, please feel free to call.*

*Sincerely,*

*MACK ENERGY CORPORATION*

*Matt J. Brewer*

*Matt J. Brewer  
Geological Engineer*

*MB/*

*Enclosures*

*cc: **CERTIFIED MAIL:***

*Marathon Oil Company  
125 W. Missouri  
Midland, TX 79701  
Attn: Steve Boyd*

*Louis Dreyfus Natural Gas Corp.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134-2600  
Attn: Rusty Waters*

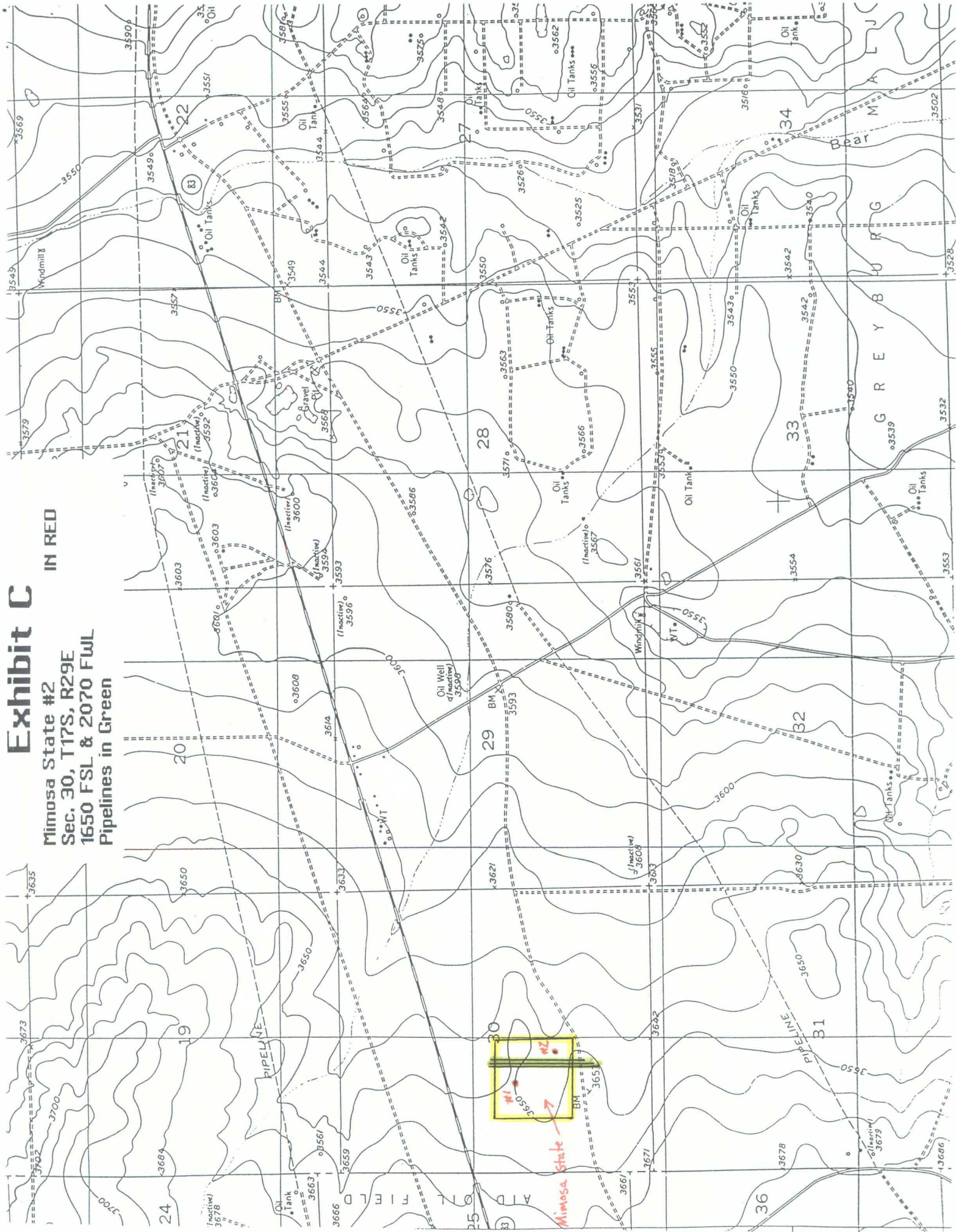




# Exhibit C

Mimosa State #2  
Sec. 30, T17S, R29E  
1650 FSL & 2070 FWL  
Pipelines in Green

IN RED



ATE BV  
1-A

CONTINENTAL A



CONTINENTAL-GOLD STAR

1



EAGLE FEDERAL

1 GOLD STAR

CONTINENTAL A



GOLD STAR

1

CONTINENTAL A



WESTERN

2

WESTERN FEDERAL

1

EMPIRE S DEEP UNIT

18

STATE S-30

2

WESTERN

3

EMPIRE ABO

48-B

WESTERN

4

SCHLEY

5

GREEN

7A

SCHLEY

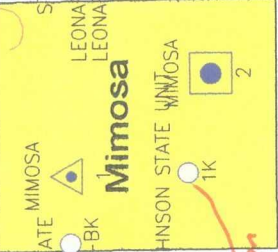
8

WHITE ST.

5

SCHLEY

6



STATE MIMOSA

1-BK

STATE S-30

1

JOHNSON STATE UNIT

1K

STATE B

2

LEONARD FEDERAL

9

LEONARD FEDERAL

2

ATSEL FEDERAL

2

CONTINENTAL-STATE

2

CONTINENTAL-B

3

ATSEL FEDERAL

CHEYENNE

CHEYENNE

2

EMPIRE S DEEP UNIT

7

CONTINENTAL BEMPIRE S DEEP UNIT

6

CONTINENTAL B

13

CHEYENNE

4

SACKETT FEDERAL

2

GREEN

8B

ATE 647

202

ATE 647

203

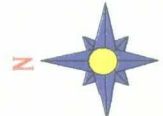
GREEN FEDERAL

GREEN

GREEN FEDERAL

OLD LOCO

Scale 1:10852.61



(EXHIBIT D)

Mack Energy Corp.	
Mack Energy Corporation	
Mimosa State Lease	
Map Sheet	Sheet 10002.61
1/10/1998	

# MACK ENERGY CORPORATION

Post Office Box 960  
Artesia, New Mexico 88211-0960  
(505) 748-1288 / FAX (505) 746-2362

March 18, 1999

**VIA CERTIFIED MAIL Z 376 044 922**  
**RETURN RECEIPT REQUESTED**

Attn: Rusty Waters  
Louis Dreyfus Natural Gas Corp.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134-2600

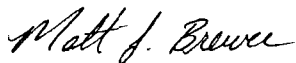
Dear Mr. Waters:

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for unorthodox location for the Mimosa State #2 under Rule 104.F. (3), due to the existing pipelines. The location for this well is 1650 FSL & 2070 FWL in Section 30-T17S-R29E, Eddy County, New Mexico. The well is encroaching the W/2 SE/4 of Sec. 30-T17S-R29E in the Empire Yeso Pool.*

*Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the unorthodox location if no objection to the unorthodox location has been made within the 20 days after the application has been received.*

Sincerely,

MACK ENERGY CORPORATION



Matt J. Brewer  
Geological Engineer

MB\

Enclosures

# MACK ENERGY CORPORATION

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Artesia, New Mexico 88211-0960  
(505) 748-1288 / FAX (505) 746-2362

March 18, 1999

**VIA CERTIFIED MAIL Z 376 044 923**  
**RETURN RECEIPT REQUESTED**

Attn: Steve Boyd  
Marathon Oil Company  
125 W. Missouri  
Midland, TX 79701

Dear Mr. Boyd:

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for unorthodox location for the Mimosa State #2 under Rule 104.F. (3), due to the existing pipelines. The location for this well is 1650 FSL & 2070 FWL in Section 30-T17S-R29E, Eddy County, New Mexico. The well is encroaching the W/2 SE/4 of Sec. 30-T17S-R29E in the Empire Yeso Pool.*

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MACK ENERGY CORPORATION

*Matt J. Brewer*

Matt J. Brewer  
Geological Engineer

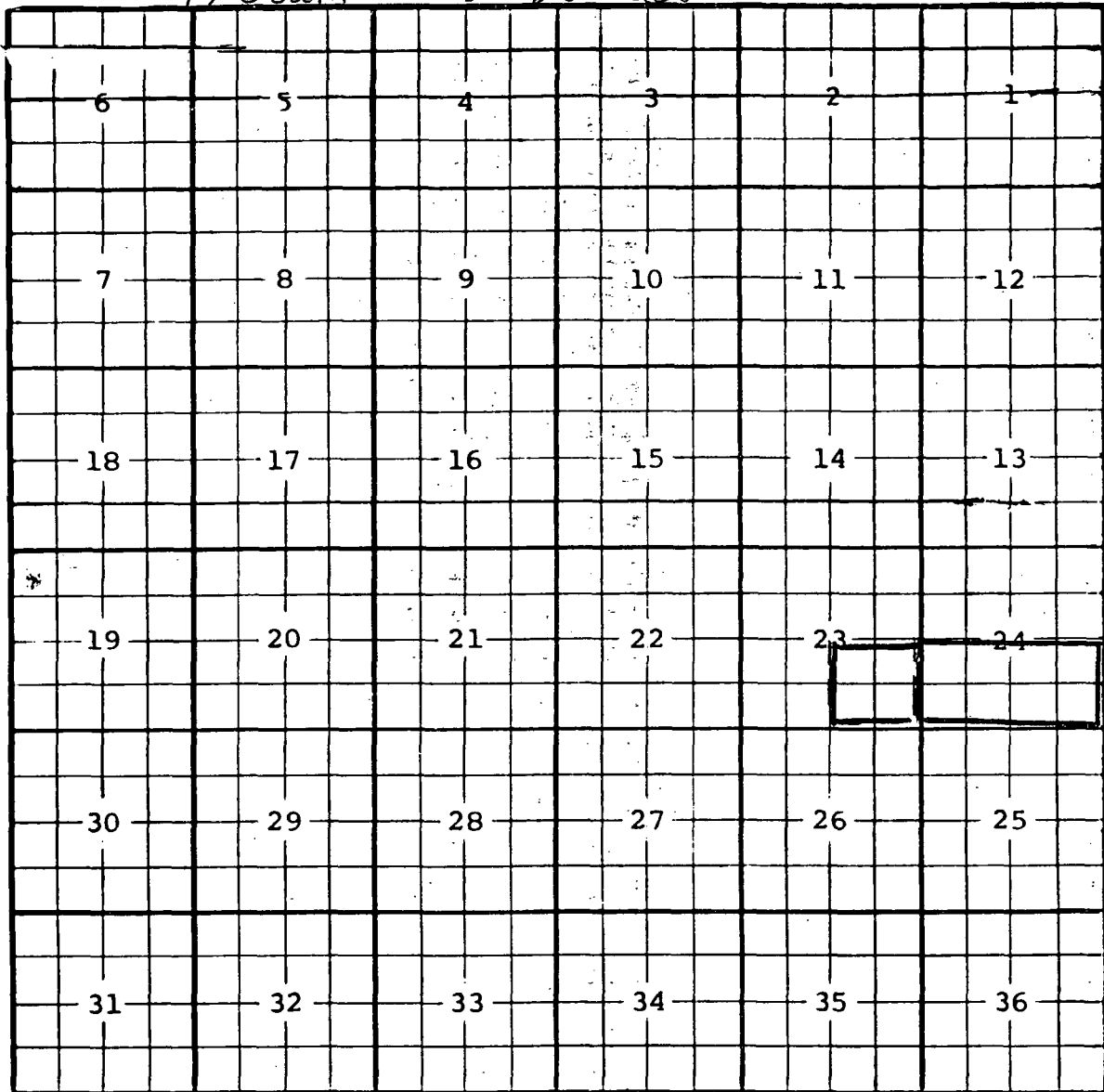
MB\

Enclosures



County Eddy Pool Empire-Yeso

TOWNSHIP 17 South Range 28 East NMPM



Description: SE 1/4 Sec. 23 (R-10124, 5-31-94) Ext. 1/2 Sec. 24 (R-11005, 7-24-98)

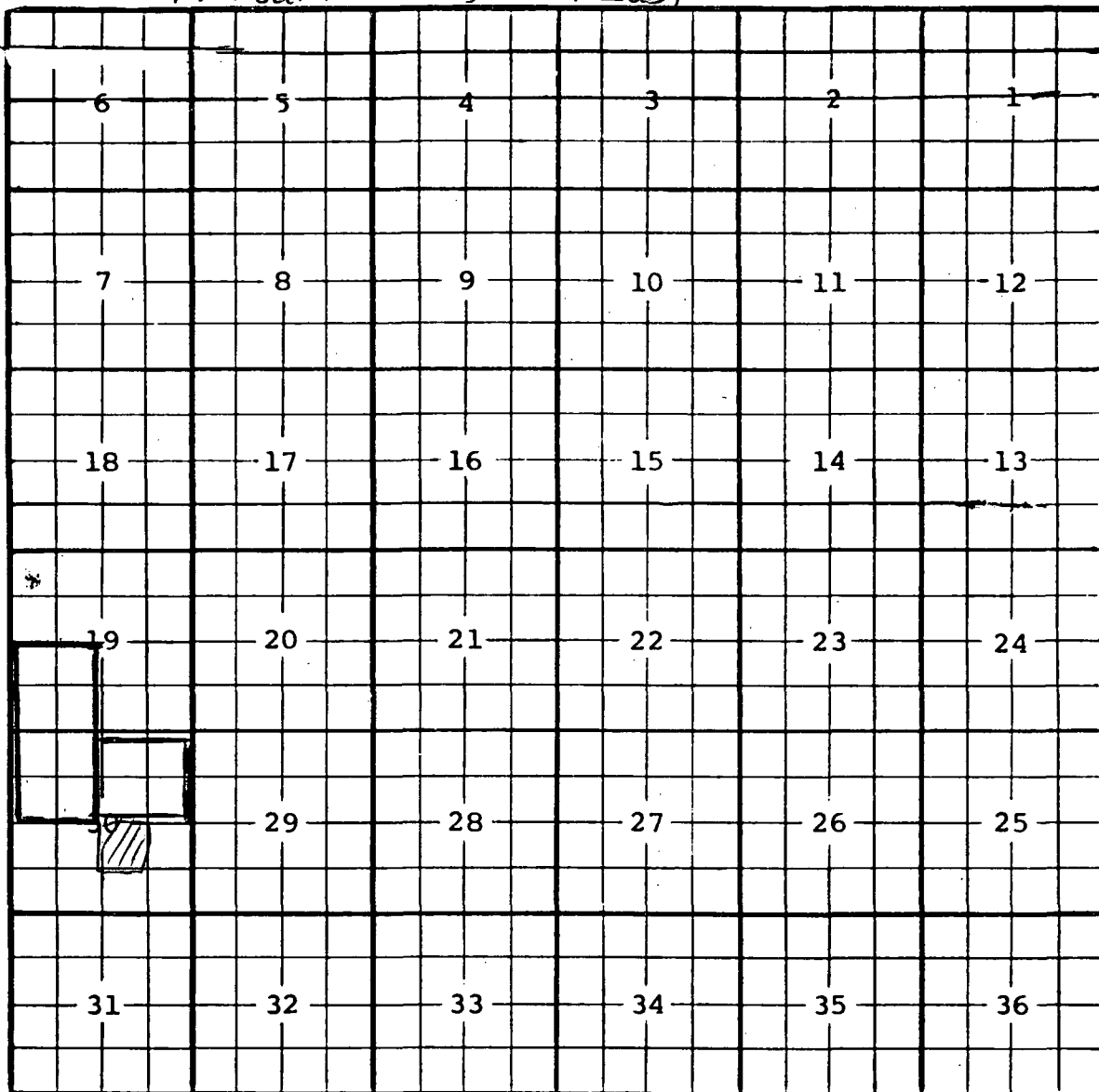
County Eddy

Pool East Empire - Yeso

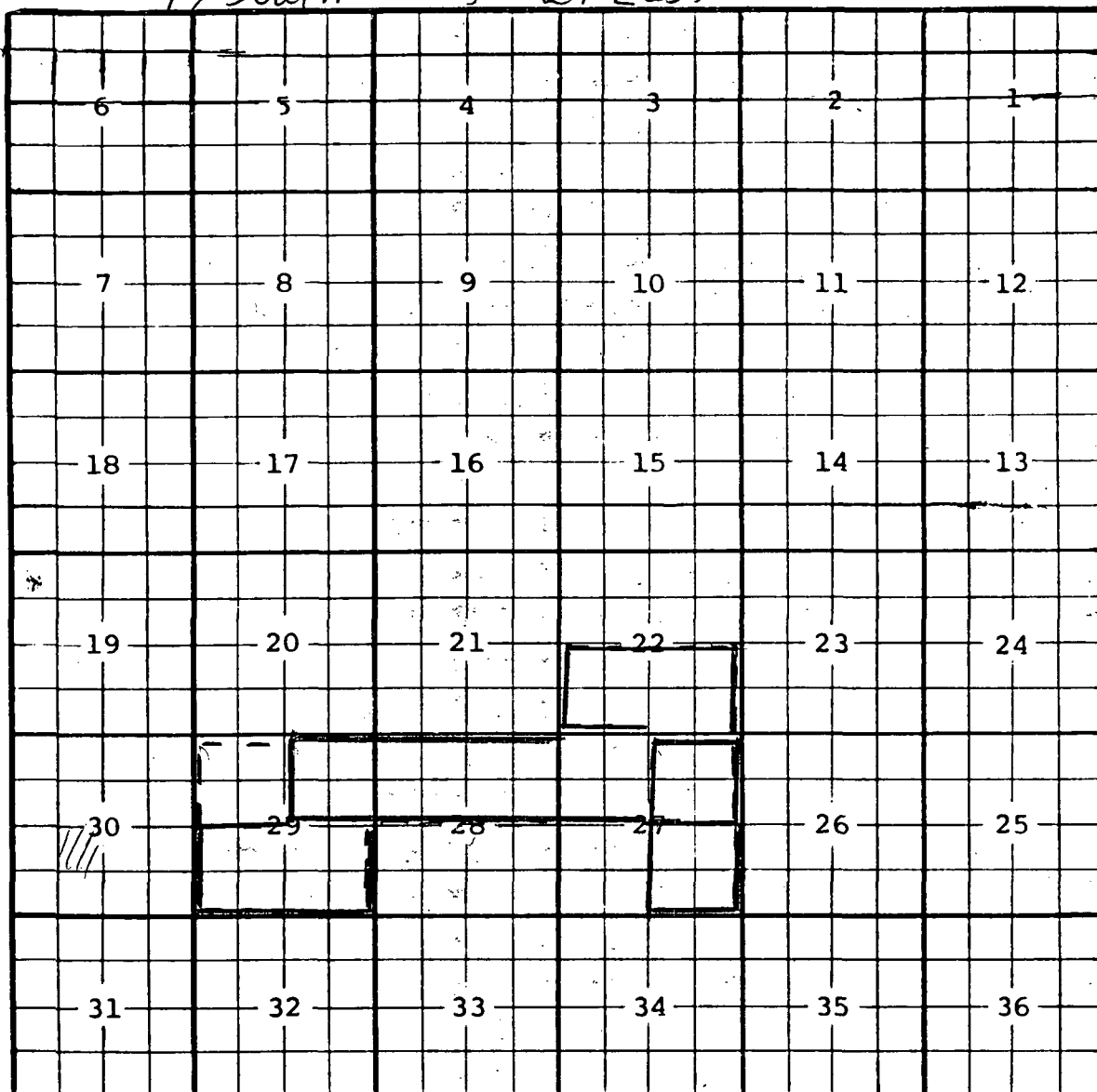
TOWNSHIP 17 South

Range 29 East

NMPM



Ext. <sup>SW</sup>/<sub>4</sub> Sec. 19, <sup>NW</sup>/<sub>4</sub> Sec. 30 (R-11005, 7-24-88) Ext. <sup>NE</sup>/<sub>4</sub> Sec. 30 (R-11097, 12-10-98)

County EddyPool East Empire - YesoTOWNSHIP 17 SouthRange 29 East NMPM

Description:  $\frac{NE}{4}$  Sec. 27 (R-10724, 1-8-97) Ext:  $\frac{S}{2}$  Sec. 22 (R-10951, 2-4-98)

Ext:  $\frac{NW}{4}$  Sec. 27,  $\frac{N}{2}$  Sec. 28,  $\frac{NE}{4}$  Sec. 29 (R-11005, 7-24-98)

Ext:  $\frac{S}{2}$  Sec. 29 (R-11067, 10-20-98) Ext:  $\frac{SE}{4}$  Sec. 27 (R-11097, 12-10-98)

CMD : ONGARD 03/19/99 14:21:14  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TPZF

OGRID Idn : 13837 API Well No: 30 15 30575 APD Status(A/C/P): A  
Opr Name, Addr: MACK ENERGY CORP Aprvl/Cncl Date : 02-09-1999  
PO BOX 960  
ARTESIA,NM 88211-0960

Prop Idn: 24229 MIMOSA STATE Well No: 1

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
Surface Locn	: K	30	17S	29E			FTG 2310 F S	FTG 1580 F W
OCD U/L	: K		API County	: 15				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): O Cable/Rotary (C/R) : F  
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 3649

State Lease No: Multiple Comp (Y/N) : N  
Prpsd Depth : 5500 Prpsd Frmtn : Paddock

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

1580  
930  
-----  
6501



CMD : ONGARD 03/19/99 15:45:16  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TPZK

OGRID Idn : 13837 API Well No: 30 15 30575 APD Status(A/C/P): A  
Opr Name, Addr: MACK ENERGY CORP Aprvl/Cncl Date : 02-09-1999  
PO BOX 960  
ARTESIA,NM 88211-0960

Prop Idn: 24229 MIMOSA STATE Well No: 1

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----
Surface Locn : K	30	17S	29E			FTG 2310 F S	FTG 1580 F W
OCD U/L : K		API	County	15			

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): O Cable/Rotary (C/R) : F  
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 3649

State Lease No: Multiple Comp (Y/N) : N  
Prpsd Depth : 5500 Prpsd Frmtn : Paddock

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION03/19/99 14:18:52  
OGOMES -TPZK  
PAGE NO: 1

Sec : 30 Twp : 17S Rng : 29E Section Type : NORMAL

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27.71	40.00	40.00	40.00
CS	CS		
E04201 0000 09/60	E04201 0000 09/60		
CONOCO INC	CONOCO INC	Federal owned	Federal owned
U	U	U	U
	A	A A A	A A
2	F	G	H
27.94	40.00	40.00	40.00
CS	CS		
E04201 0000 09/60	E04201 0000 09/60		
CONOCO INC	CONOCO INC	Federal owned	Federal owned
U U	U U	U U	U U
A	A A A	A A A	A A A

M0002: This is the first page

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION03/19/99 14:18:35  
OGOMES -TPZK  
PAGE NO: 2

Sec : 30 Twp : 17S Rng : 29E Section Type : NORMAL

3	K	J	I
28.17	40.00	40.00	40.00
CS	CS	CS	CS
E04201 0000 09/60	OG0181 0001 09/66	OPEN	OPEN
CONOCO INC	HARVEY E YATES CO		
U U	U U	U U R	U U R
A A	A A A	A A	A A
4	N	O	P
28.40	40.00	40.00	40.00
CS	CS	CS	CS
B07596 0000 05/48	B07596 0000 05/48	OPEN	OPEN
CONOCO INC	CONOCO INC		
U U	U U	U R	U R
A A	A A A A	A	

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12