

MAIL ROOM DIVISION  
RECEIVED

NOV 17 1993 PM 9 54



November 17, 1993

State of New Mexico  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

Attention: Benjamin E. Stone, Engineering Tech II

RE: YOUR LETTER DATED NOVEMBER 9, 1993 REQUESTING  
ADDITIONAL INFORMATION FOR LEASE-WIDE COMMINGLING  
GRANTED BY COMMINGLING ORDER PLC-102

Dear Mr. Stone:

Please find attached the plats indicating all boundaries of leases involved in the above order. Also attached is a copy of Form 3160-4 BLM Well Completion on the Corbin "13" A Federal lease, well #2. This is the new completion that was filed yesterday.

Daily production information on the wells is as follows:

<u>UL</u>	<u>BOPD</u>	<u>BWPD</u>	<u>MCFPD</u>	<u>GRAVITY</u>	<u>FORMATION</u>
Corbin "13" A Federal Well #1					
I	92	24	50	35.5	Delaware
Corbin "13" A Federal Well #2					
J	77	122	35	35.6	Delaware
West Corbin "13" Federal Com Well #1					
P	14	-0-	8	36.5	Wolfcamp
Uncle Sam "13" Federal Well #1					
H	31	19	21	36.0	Delaware

For allocation purposes, the production from each lease will be metered separately before it is commingled into one common battery. The working interest owners have been notified of the proposal.

A schematic of tank battery commingling facilities is enclosed.

Page 2  
November 17, 1993  
PLC-102 Amendment Request

The commingling of production is in the interest of conservation and will not result in reduced royalty or improper measurement of production. Surface commingling is necessary for the continued judicious operation of the referenced federal leases.

Thank you for your assistance in expediting the proposed amendment to delete well numbers from the subject order.

Sincerely,

A handwritten signature in cursive script, reading "Dorothea Owens".

Dorothea Owens  
Regulatory Analyst

Encls. (6)  
/DO

cc: file

OIL CONSERVATION DIVISION

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

DISTRICT I

P.O. Box 1060, Hobbs, NM 58240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

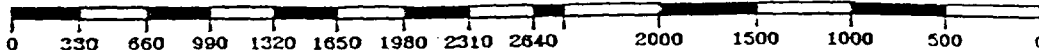
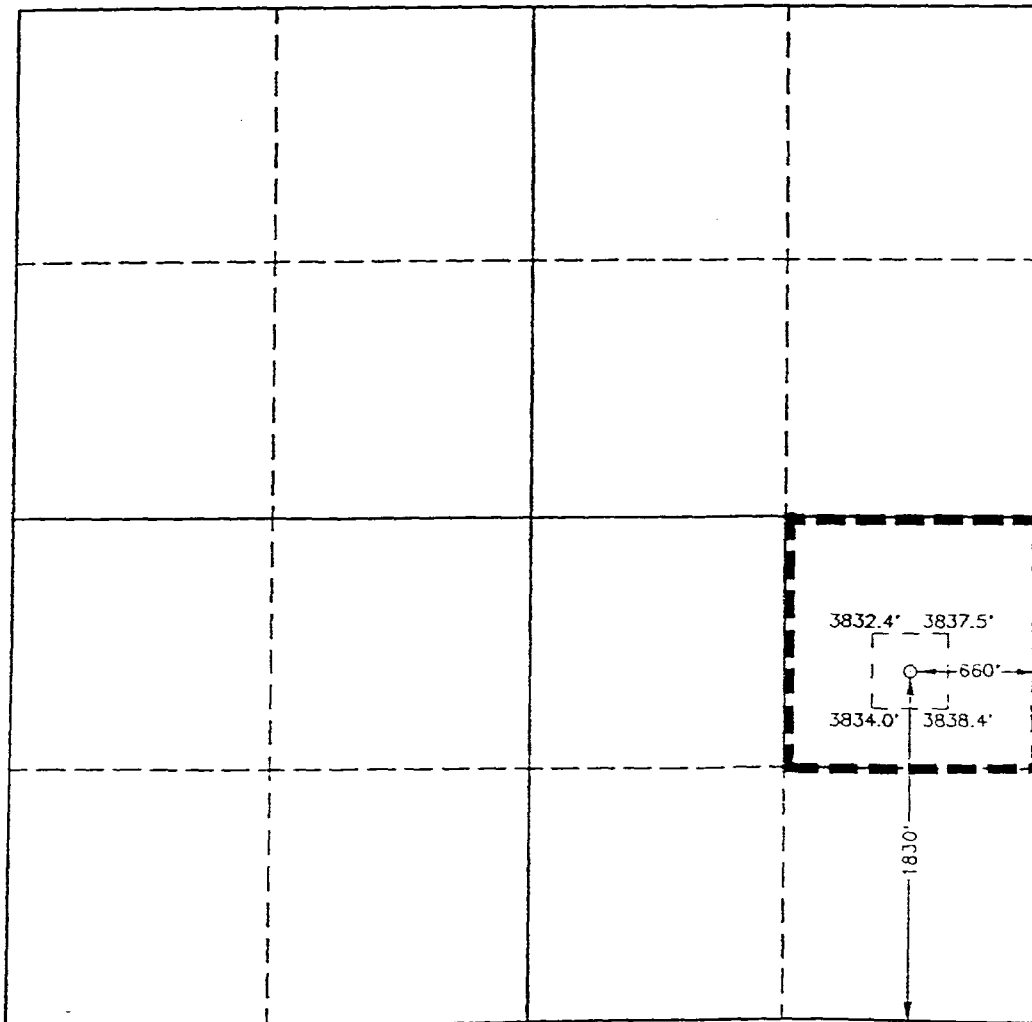
Operator <b>MARALO, INC.</b>			Lease <b>CORBIN 13 FEDERAL A</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>13</b>	Township <b>18 SOUTH</b>	Range <b>32 EAST</b>	NMPM	County <b>LEA</b>
Actual Footage Location of Well: <b>1830</b> feet from the <b>SOUTH</b> line and <b>660</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3837.4'</b>	Producing Formation <b>DELAWARE</b>		Pool <b>CORBIN, WEST</b>		Dedicated Acreage: <b>40 Acres</b>

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 communization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_

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

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

Signature

*Dorothea Owens*

Printed Name

**DOROTHEA OWENS**

Position

**REGULATORY**

Company

**MARALO, INC.**

Date

**JUNE 1, 1993**

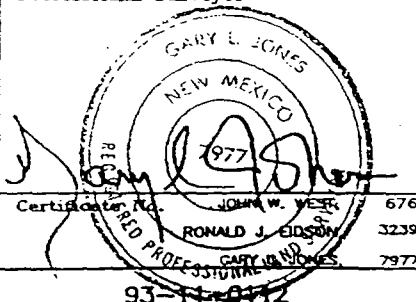
SURVEYOR CERTIFICATION

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

**JANUARY 23, 1993**

Signature & Seal of Professional Surveyor



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-

OIL CONSERVATION DIVISION

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

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

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 MARALO, INC.			Lease CORBIN FEDERAL 13 "A"		Well No. 2
Unit Letter J	Section 13	Township 18 SOUTH	Range 32 EAST NMPM	County LEA	
Actual Footage Location of Well: 1650 feet from the SOUTH line and 1650 feet from the EAST line					
Ground Level Elev. 3827.8'	Producing Formation Delaware		Pool Corbin West Delaware		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

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

OPERATOR CERTIFICATION

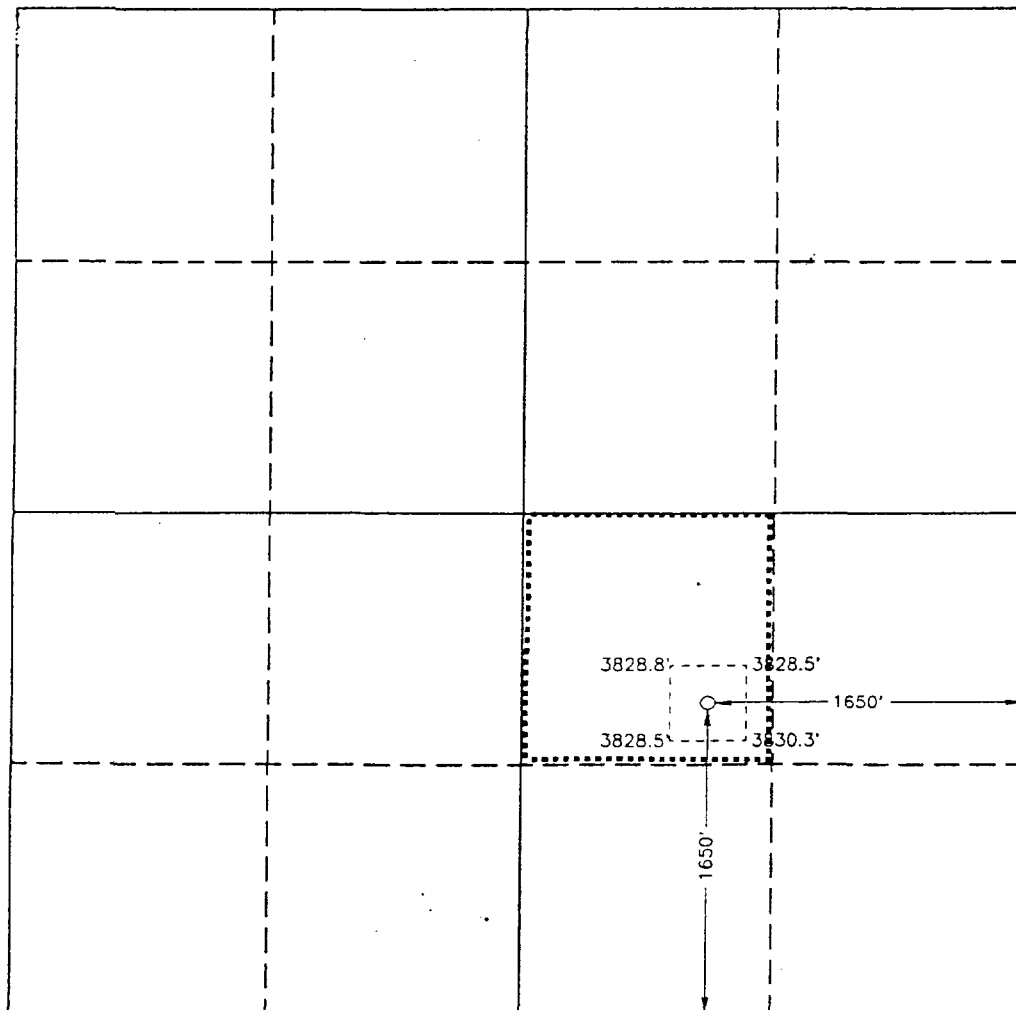
I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature <i>Joe T. Janica</i>
Printed Name Joe T. Janica
Position AGENT
Company Maralo, Inc.
Date 8-19-93

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 AUGUST 12, 1993
Signature & Seal of Professional Surveyor <i>Gary L. Jones</i> GARY L. JONES NEW MEXICO 7977
Certificate No. — JOHN W. WEST. 676 RONALD J. EDSON 3239 GARY L. JONES 7977
93-44-1529



OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

DISTRICT I

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1000 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

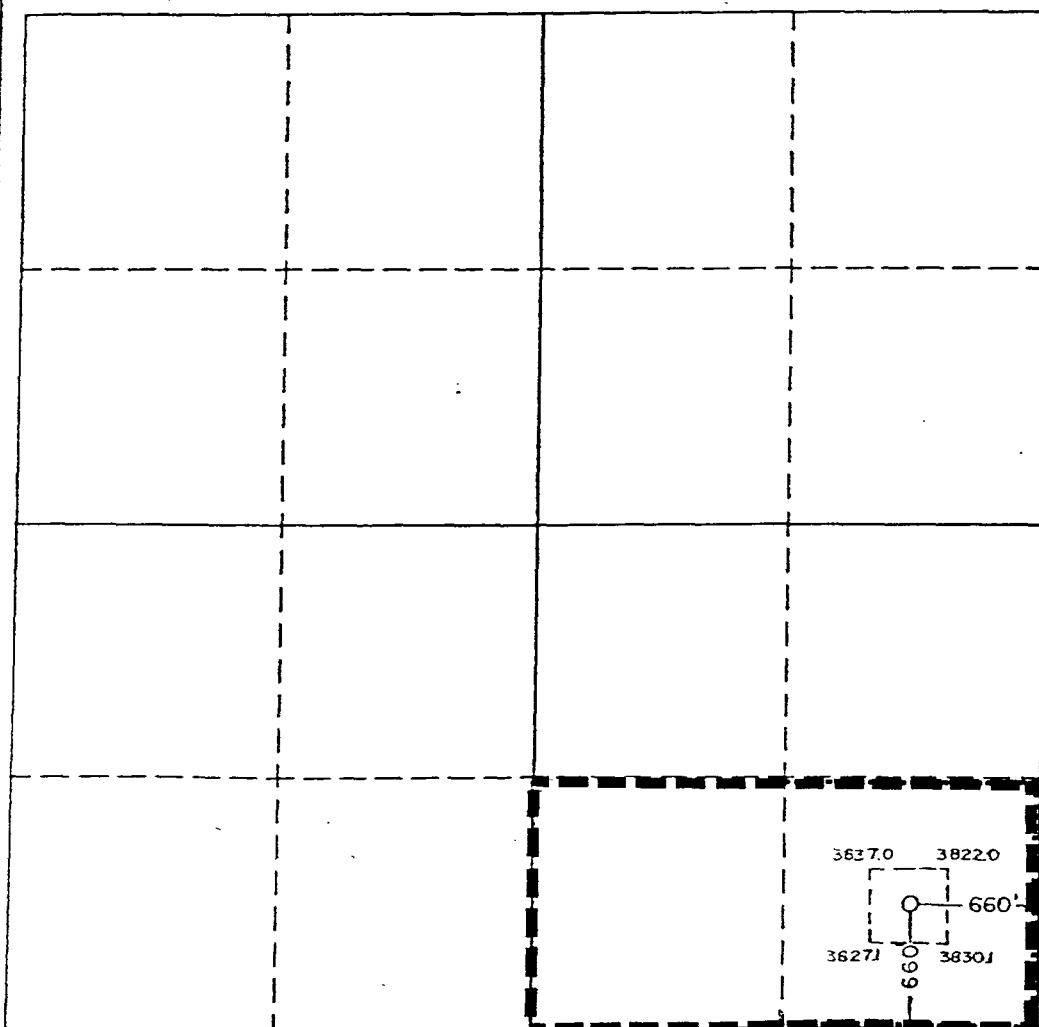
Operator Maralo, Inc.		Lease West Corbin 13 Fed.		Well No. 1	
Unit Letter P	Section 13	Township 18 South	Range 32 East	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line					
Ground Level Elev. 3833.0	Producing Formation Wolfcamp		Pool Corbin, South	Dedicated Acreage: 80 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 Communitization

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

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

Signature  
*Joe T. Janica*

Printed Name  
Joe T. Janica

Position  
Agent for Maralo, Inc.  
Company  
Maralo, Inc.

Date  
6/2/92

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  
May 28, 1992

Signature & Seal of  
Professional Surveyor

GARY L. JONES  
NEW MEXICO  
7877  
Certificate No. JONAS WEST, 678  
RONALD L. JOHNSON, 2839  
GARY L. JONES, 7877

W.O. No. 92-11-0734

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-

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

DISTRICT I

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1000 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MARALO INC.			Lease UNCLE SAM FEDERAL		Well No. 1
Unit Letter H	Section 13	Township 18 SOUTH	Range 32 EAST	NMPM	County LEA
Actual Footage Location of Well: 1650 feet from the NORTH line and 990 feet from the EAST line					
Ground Level Elev. 3844.0'	Producing Formation Delaware	Pool Corbin West		Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
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OPERATOR CERTIFICATION

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

Signature  
*Joe T. Janica*  
Printed Name  
Joe T. Janica

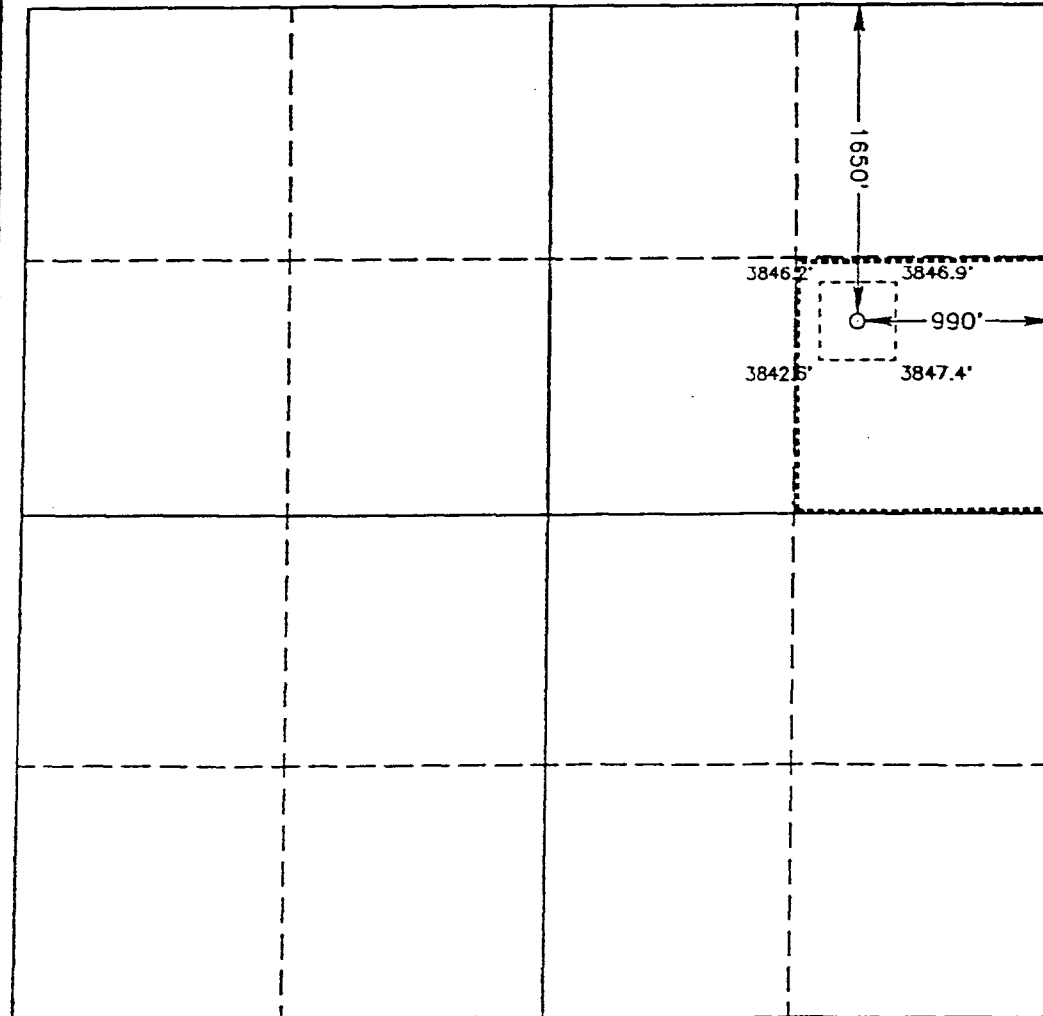
Position  
Agent for Maralo  
Company  
Maralo  
Date  
5-7-93

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  
APRIL 22, 1993  
Signature & Seal of  
Professional Surveyor

*GARY L. JONES*  
Certification No. 676  
JOHN W. WEBB  
RONALD J. BLOOM  
GARY L. JONES  
95-11-0638



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-53239																			
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR MARALO, INC.		7. UNIT AGREEMENT NAME																			
3. ADDRESS AND TELEPHONE NO. P. O. BOX 832, MIDLAND, TX 79702 (915) 684-7441		8. FARM OR LEASE NAME, WELL NO. CORBIN "13" A FEDERAL #2																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FSL & 1650' FEL At top prod. interval reported below 1650' FSL & 1650' FEL At total depth same		9. API WELL NO. 30-025-32238																			
14. PERMIT NO. _____ DATE ISSUED 08-17-93		10. FIELD AND POOL, OR WILDCAT CORBIN; DELAWARE, WEST																			
15. DATE STUDDERED 10-01-93		11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA SEC. 13, T18S, R32E,																			
16. DATE T.D. REACHED 10-11-93		12. COUNTY OR PARISH LEA																			
17. DATE COMPL. (Ready to prod.) 11-05-93		13. STATE NM																			
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3827.8		19. ELEV. CASING HEAD -																			
20. TOTAL DEPTH, MD & TVD 5300'		21. PLUG BACK T.D., MD & TVD N/A																			
22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY 0' - 5300'																			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4899 - 4933' DELAWARE		25. WAS DIRECTIONAL SURVEY MADE YES																			
26. TYPE ELECTRIC AND OTHER LOGS RUN LDT/CNL/DLL/MSFL GR/CBL/CCL		27. WAS WELL CORED NO																			
28. CASING RECORD (Report all strings set in well)																					
<table border="1"><thead><tr><th>CASING SIZE/GRADE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>TOP OF CEMENT, CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8-5/8"</td><td>23#</td><td>450'</td><td>12 1/4"</td><td>SURF. 300 SXs</td><td>-</td></tr><tr><td>5-1/2"</td><td>15.5#</td><td>5300'</td><td>7-7/8"</td><td>550' 1305 SXs</td><td>-</td></tr></tbody></table>				CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	8-5/8"	23#	450'	12 1/4"	SURF. 300 SXs	-	5-1/2"	15.5#	5300'	7-7/8"	550' 1305 SXs	-
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29. LINER RECORD																					
<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)													
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30. TUBING RECORD																					
<table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2-7/8"</td><td>4874'</td><td>-</td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)	2-7/8"	4874'	-												
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31. PERFORATION RECORD (Interval, size and number)																					
4899 - 4913' } (TOTAL 24 HOLES) 4925 - 4933' }																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
<table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>4899 - 4933'</td><td>ACIDIZED W/1000 GALS MCA ACID FRAC'D W/ 32,000 GALS BORAGEL + 65,100# 16/30 MESH OTTAWA SD.</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	4899 - 4933'	ACIDIZED W/1000 GALS MCA ACID FRAC'D W/ 32,000 GALS BORAGEL + 65,100# 16/30 MESH OTTAWA SD.														
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33.* PRODUCTION																					
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11-14-93	24			77	35	122	455														
<table border="1"><thead><tr><th>FLOW. TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>OIL GRAVITY-API (CORR.)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>35.6</td></tr></tbody></table>				FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)							35.6				
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						35.6															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD																					
35. LIST OF ATTACHMENTS C-104, LOGS, DEVIATION REPORT, TEMPERATURE SURVEY																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																					
SIGNED <u>Dorothy Owens</u> TITLE <u>REGULATORY ANALYST</u> DATE <u>NOVEMBER 16, 1993</u>																					

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Redbed	0	1950		Rustler	1272	(+2568)
Dolo & lime	1950	2850		Top Salt	1384	(+2456)
Anhy & dolo	2850	3595		Base Salt	2592	(+1248)
Lime & dolo	3595	4220		Yates	2854	(+ 986)
Dolo	4220	4620		Seven Rivers	3210	(+ 630)
Dolo	4620	4822		Queen	3989	(- 149)
Dolo & sand	4822	4920		Grayburg	4610	(- 770)
Dolo & sand	4920	5300		Lovington A1 Sd	4897	(-1057)
				Lovington A2 Sd	4924	(-1084)
				"C" Sand	5000	(-1160)
				"D" Sand	5044	(-1204)

38.

GEOLOGIC MARKERS



