

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
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
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address. MARALO, INC. P. O. BOX 832 MIDLAND, TX 79702		RECEIVED APR 02 1996		¹ OGRID Number 014007
⁴ Property Code 16594	⁵ Property Name GR "30" STATE			³ API Number 30-075-28931
OIL CON. DIV.				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
F	30	23S	30E		1650	NORTH	2310	WEST	EDDY

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 NASH DRAW; BRUSHY CANYON (47545)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3124'
¹⁶ Multiple NO	¹⁷ Proposed Depth 7400'	¹⁸ Formation BONE SPRING	¹⁹ Contractor UNK.	²⁰ Spud Date MAY 1, 1996

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	CONDUCTOR	3" WALL THICKNESS	40'	CMT TO SURF W/REDIMIX	
17-1/2"	13-3/8"	54.5#	650'	700 SXS CL. "C"	CIRCULATE
12-1/4"	8-5/8"	32#	3100'	700 SXS LT. TAIL W/	CIRCULATE
				250 SXS PREM	
7-7/8"	5-1/2"	15.5#	±7400'	COVER PROSPECTIVE	ZONES

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.

1. DRILL 25" HOLE, SET 40' of 20" CONDUCTOR PIPE, 3" WALL THICKNESS, CEMENT TO SURF W/REDIMIX.
2. DRILL 17-1/2" HOLE TO 650'. RUN & SET 650' OF 13-3/8" CSG, CEMENT W/700 SXS CL. "C" CEMENT, CIRC. TO SURFACE. NU BOP. TEST BOP & CSG. WOC 12 HRS. 18
3. DRILL OUT W/12-1/4" BIT TO 3100'. RU & SET ± 3100' OF 8-5/8" 32# ST & C CSG. CEMENT W/700 SXS LT. CEMENT & TAIL W/250 SXS PREMIUM CEMENT W/2% CACL2. WOC 12 HRS. TEST BOP & CSG TO API SPECS.
4. DRILL OUT W/7-7/8" BIT TO ± 7400'. DST AS DIRECTED. LOG WELL & EVALUATE. RUN 7400' OF 5-1/2" 15.50# CSG & CEMENT TO COVER ALL PROSPECTIVE ZONES.

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

Signature:

Printed name: **DOROTHEA LOGAN**

Title: **REGULATORY ANALYST**

Date: **APRIL 1, 1996**

Phone: **(915) 684-7441**

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. GUM**
Title: **DISTRICT II SUPERVISOR**

Approval Date: **4-11-96** Expiration Date: **4-11-97**

Conditions of Approval:
Attached ☐

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.

8 The proposed bottom hole location of this well at TD

9 and 10 The proposed pool(s) to which this well is being drilled.

11 Work type code from the following table:

N	New well
E	Re-entry
D	Drill deeper
P	Plugback
A	Add a zone

12 Well type code from the following table:

O	Single oil completion
G	Single gas completion
M	Mutiple completion
I	Injection well
S	SWD well
W	Water supply well
C	Carbon dioxide well

13 Cable or rotary drilling code

C	Propose to cable tool drill
R	Propose to rotary drill

14 Lease type code from the following table:

F	Federal
S	State
P	Private
N	Navajo
J	Jicarilla
U	Ute
I	Other Indian tribe

15 Ground level elevation above sea level

16 Intend to mutiple complete? Yes or No

17 Proposed total depth of this well

18 Geologic formation at TD

19 Name of the intended drilling company if known.

20 Anticipated spud date.

21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement

22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.

23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-2893 1	Pool Code 47545	Pool Name NASH DRAW; BRUSHY CANYON
Property Code 16594	Property Name GR "30" State	Well Number 2
OGRID No. 014007	Operator Name MARALO INC.	Elevation 3124

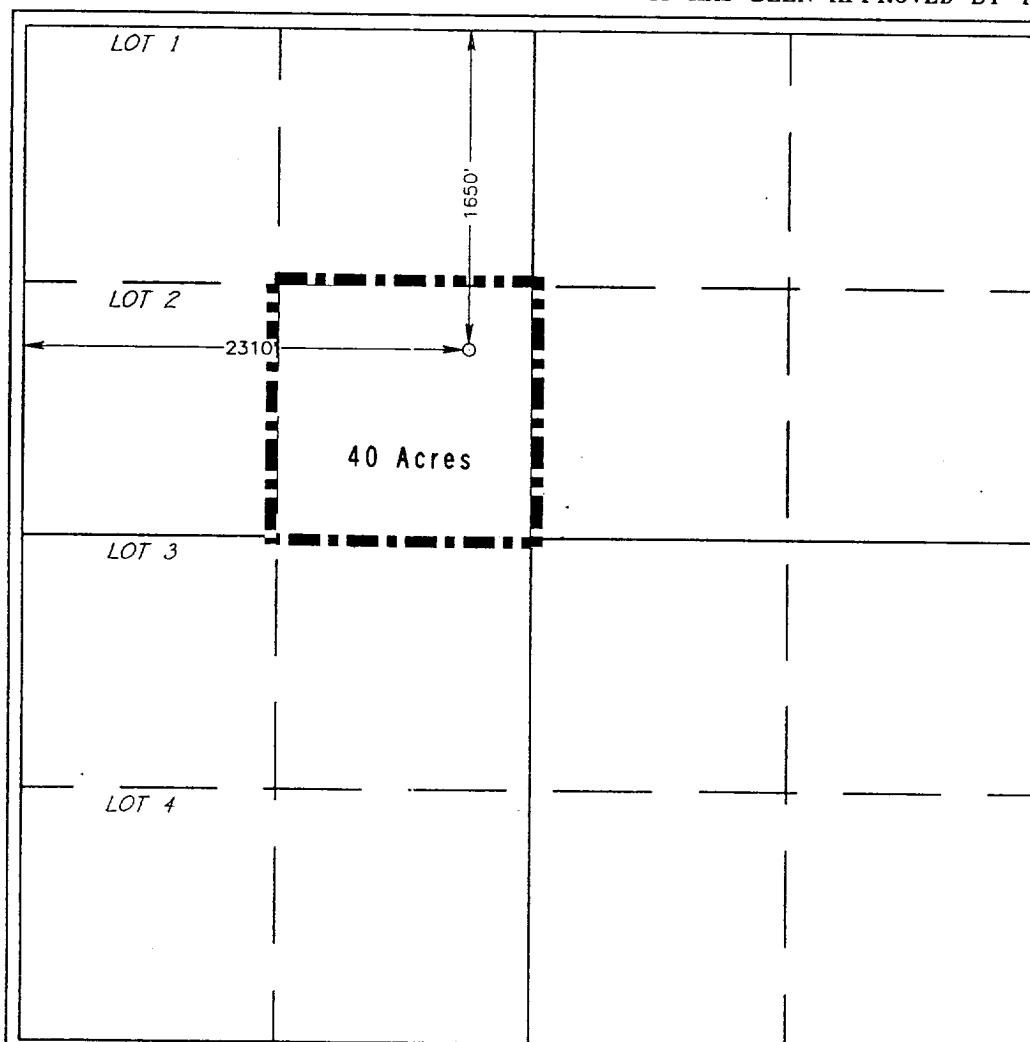
Surface Location

UL or lot No. F	Section 30	Township 23 S	Range 30 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 2310	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 40	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.

Dorothea Logan
Signature

DOROTHEA LOGAN
Printed Name

REGULATORY ANALYST
Title

APRIL 1, 1996
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.

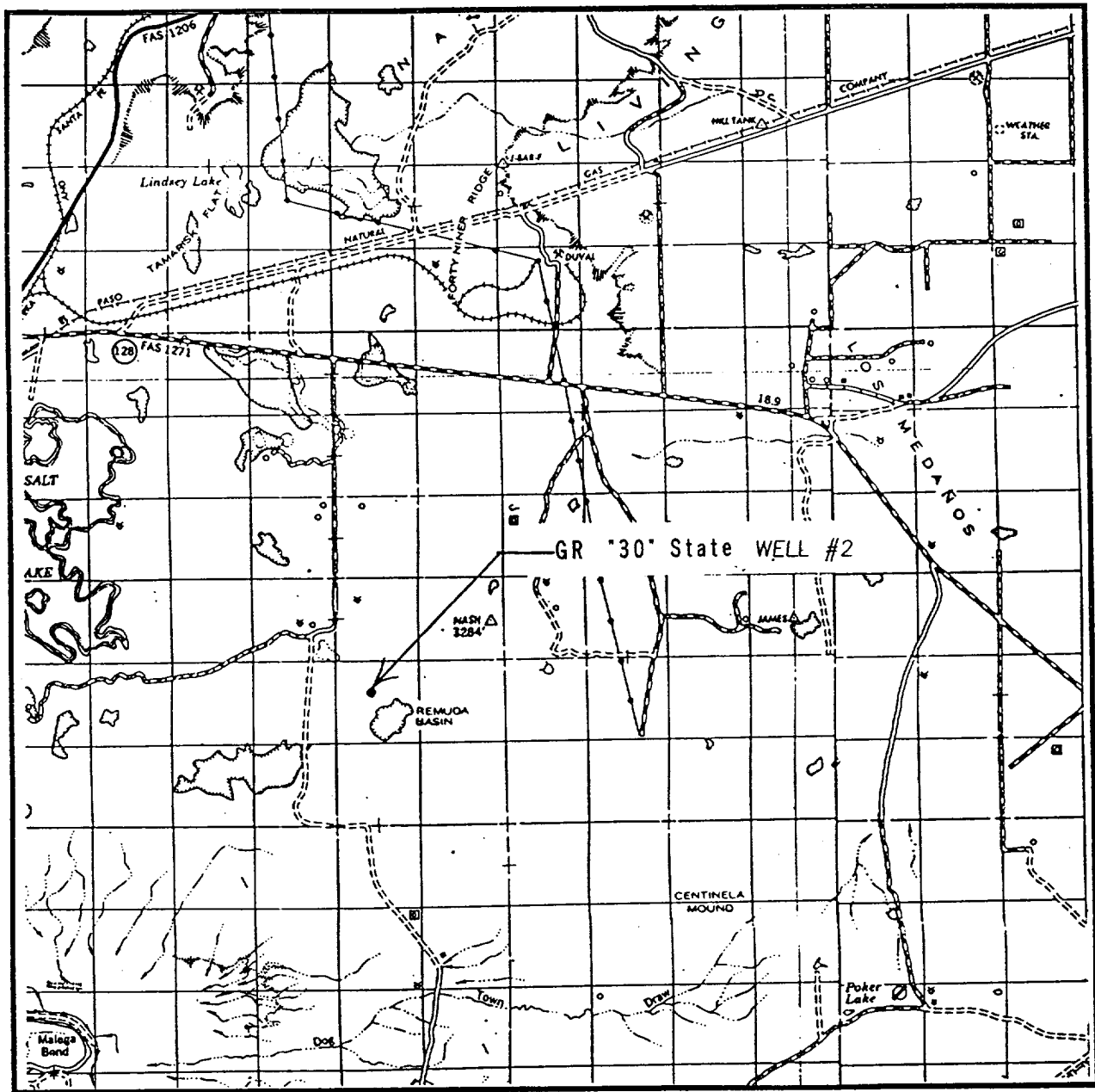
MARCH 25, 1996

Date Surveyed
Signature & Seal of
Professional Surveyor

Ronald E. Eidson
P.O. No. 96-1160388

Certificate No. **JOHN W. WEST** 676
RONALD E. EIDSON 3239
PROFESSIONAL SURVEYOR **EIDSON** 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 30 TWP. 23-S RGE. 30-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1650' FNL & 2310' FWL

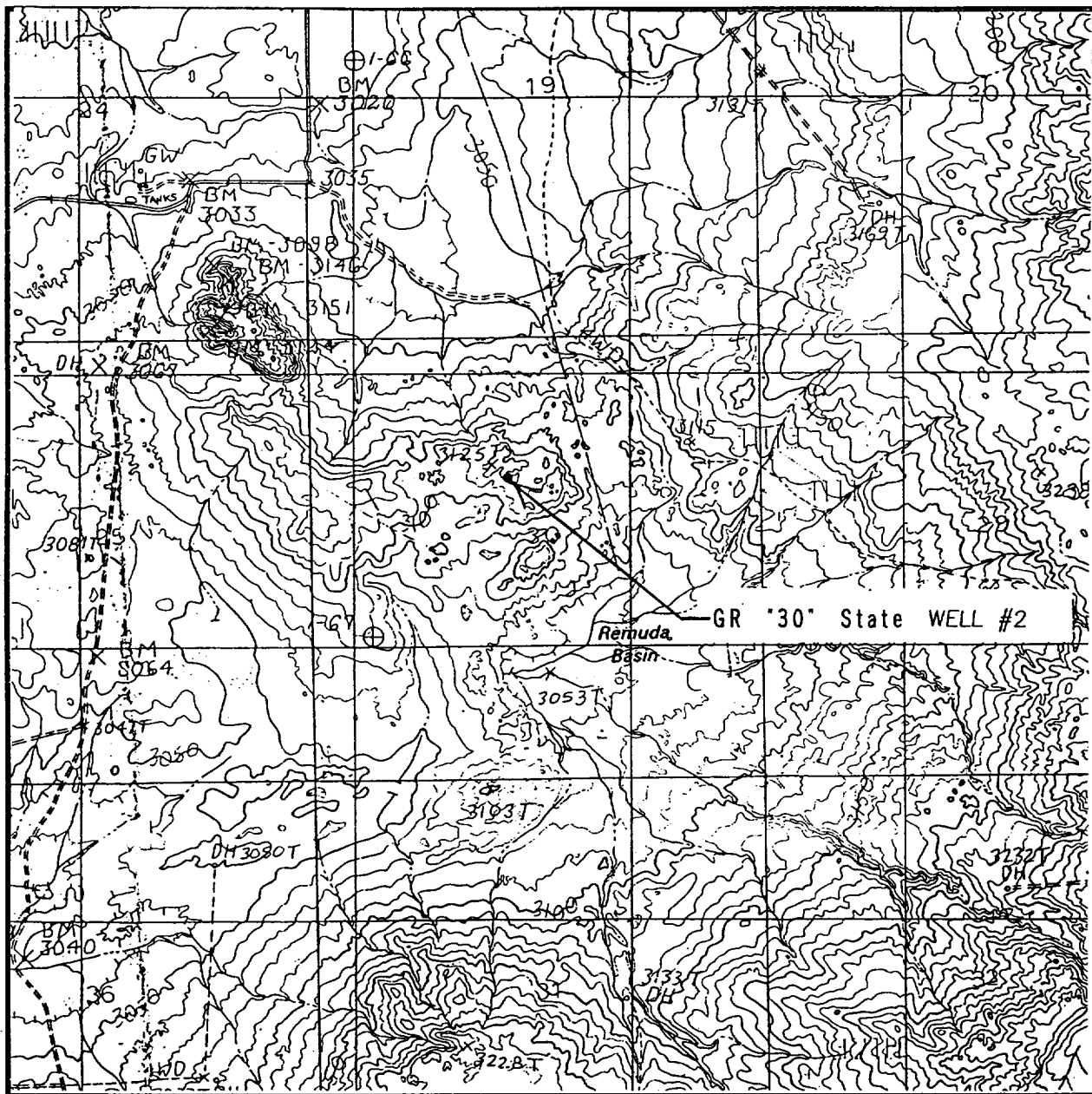
ELEVATION 3124'

OPERATOR MARALO INC.

LEASE GR '30' State #2

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 30 TWP. 23-S RGE. 30-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1650' FNL & 2310' FWL

ELEVATION 3124'

OPERATOR MARALO INC.

LEASE GR '30' State #2

U.S.G.S. TOPOGRAPHIC MAP

WILLIAMS SINK, GREENWOOD LAKE, N.M.

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

STATE OF NEW MEXICO

RECEIVED
ENVIRONMENTAL AND NATURAL RESOURCES DEPARTMENTGARY E. JOHNSON
GOVERNOROIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICEJENNIFER SALISBURY
CABINET SECRETARY

APR 08 1996

OIL CON. DIV.

DATE 4-3-96Bureau of Land Management
ATTN: Craig Cranston
P.O. Box 1778
Carlsbad NM 88220
885 9264State Land Office
ATTN: Joe Mraz
P.O. Box 1148
Santa Fe NM 87405
827 5766Re: APPLICATION FOR PERMIT TO DRILL IN POTASH AREAOPERATOR Marcia, Inc.
LEASE NAME GR "30" State #2
LOCATION Sec. 30 T23S-R30E 1650 ENL & 2310 FWL
DEPTH 7400'

Gentlemen:

The application for permit to drill identified above has been filed with this office of the New Mexico Oil Conservation Division. Pursuant to the provisions of Oil Conservation Division Order R-111-P, please advise this office whether or not this location is within an established Life-of-Mine-Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by the order.

Thank you for your assistance.

Sincerely,

Bryan Aram
IN LMR
IN BUFFER ZONEYES NO ✓
YES NO ✓*April 4, 1996*
JRM

COMMENTS: _____

[Signature]
SIGNATURE Larry Kehoe
DATE April 4, 1996
Director, Oil, Gas & Minerals Div.

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
GOVERNOR

OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

JENNIFER SALISE
CABINET SECRETARY

DATE 4-3-96

Bureau of Land Management
ATTN: Craig Cranston
P.O. Box 1778
Carlsbad NM 88220
885 9264

State Land Office
ATTN: Joe Mraz
P.O. Box 1148
Santa Fe NM 87405
827 5766

Re: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

OPERATOR Marale, Inc.
LEASE NAME "GR" "30" State #2
LOCATION Sec. 30 T23S-R30E 1650 FNL & 2310 FWL
DEPTH 7400'

Gentlemen:

The application for permit to drill identified above has been filed with this office of the New Mexico Oil Conservation Division. Pursuant to the provisions of Oil Conservation Division Order R-111-P, please advise this office whether or not this location is within an established Life-of-Mine-Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by the order.

Thank you for your assistance.

Sincerely,

Bryan Aranda
IN LMR
IN BUFFER ZONE

YES _____ NO *
YES _____ NO *

COMMENTS: _____

RECEIVED

SIGNATURE Craig Cranston
DATE 4-10-96

APR 11 1996

OIL CON. DIV.
DIST. 2