



**marbob**  
energy corporation

NSL 4/12/00

RECEIVED

MAR 23 2000

OIL CONSERVATION DIVISION

March 21, 2000

New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

RE: Application for Administrative Approval  
To Drill at an Unorthodox Location

Gentlemen:

Pursuant to NMOCD Rule 104, Marbob Energy Corporation respectfully requests administrative approval to drill Marbob's BR-549 State No. 3 at an unorthodox location of 1600 feet from the north line and 990 feet from the south line of Section 27 in Township 17 South, Range 29 East. This well will test the Yeso formation making it a 40 acre spacing unit. Unit E is being dedicated as the proration unit.

The BR-549 State No. 3 was originally staked at an orthodox location 1650' FNL and 990' FWL. However, existing at this location is a Central Valley Electrical Coop main distribution overhead power line. The power line runs east to west in direction and is approximately twenty feet south of the well bore. Marbob proposes to move fifty feet north and originate the well pad in such a manner as to place the reserve pit underneath the power lines. We have utilized this procedure on locations before to keep from going unorthodox. Unfortunately, the twenty feet did not allow enough distance to safely drill this well. A move to the south would require a larger footage move as well as construction concerns involving the amount of cut and fill in this somewhat sandy soil.

In October 1996, Marbob received approval to drill at an

unorthodox location in Unit C of Section 27, Township 17 South, Range 29 East via Administrative Order NSL-3716. Also, Marbob has received a blanket approval of unorthodox locations from Mack Energy Corporation. This letter set certain conditions of approval. The BR-549 State No. 3 is in line with these conditions.

To aid in your review of this application, the following documents are attached:

- A. Form C-102 for BR-549 No. 3
- B. Form C-101 for BR-549 No. 3 (unapproved)
- C. Plat showing proration units, wells in area, and Yeso ownership
- D. Topographical map with BR-549 No. 3 plotted out
- E. Mack Energy Corporation letter of March 2, 2000

Please do not hesitate to contact me should you require any additional information. Thank you for your assistance with this matter.

Sincerely,



Dean Chumbley  
Land Department

DC/mm

cc: Oil Conservation Division - Artesia  
Lee Scarborough / Arco Permian - Midland  
Robert Chase / Mack Energy - Artesia

DISTRICT I  
P.O. Box 1620, Hobbs, NM 88241-1680

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

OIL CONSERVATION DIVISION

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

P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	96610	EAST EMPIRE YESO
Property Code	Property Name	Well Number
	BR-549 STATE	3
OGRID No.	Operator Name	Elevation
14049	MARBOB ENERGY CORPORATION	3548

Surface Location

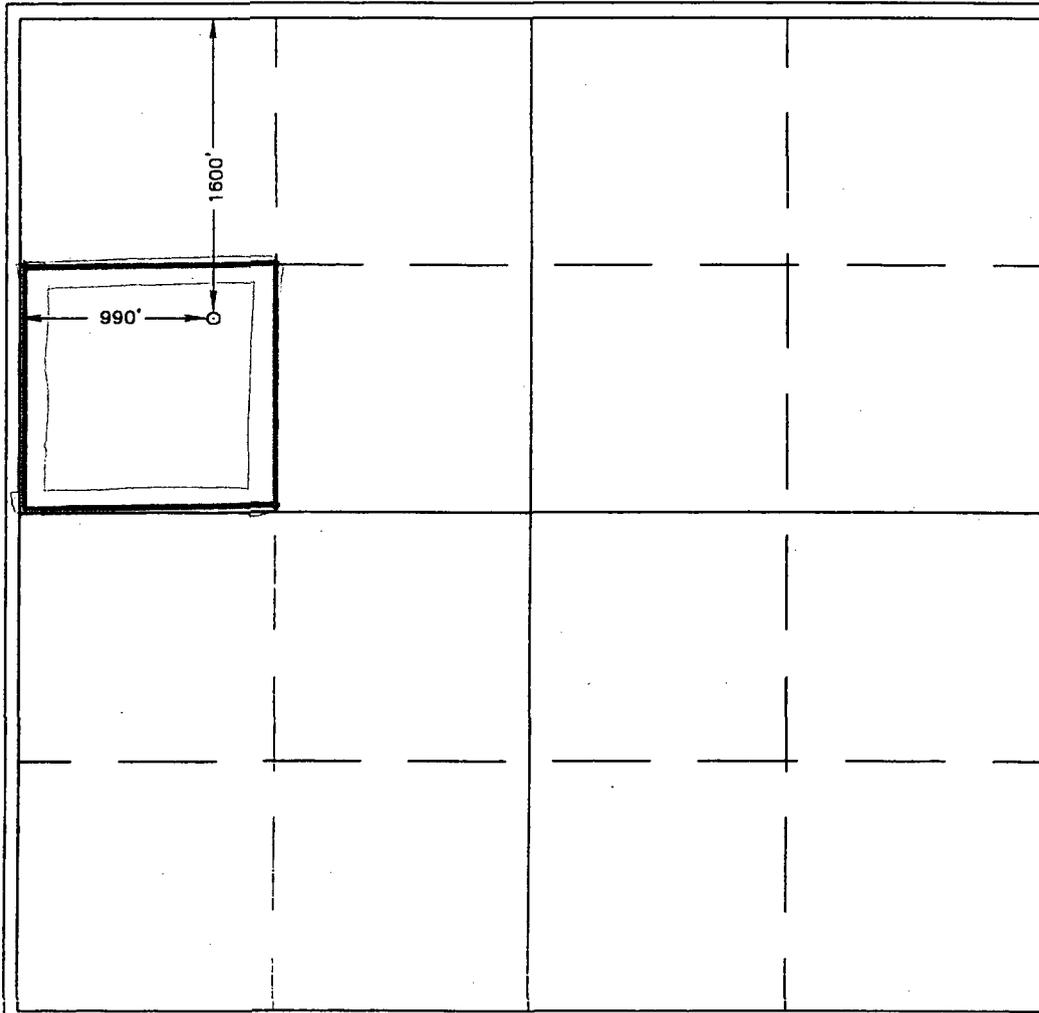
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	17 S	29 E		1600	NORTH	990	WEST	EDDY

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.
40			

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.

*Robin Cockrum*  
Signature

ROBIN COCKRUM  
Printed Name

PRODUCTION ANALYST  
Title

3/9/00  
Date

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**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 6, 2000

Date Surveyed \_\_\_\_\_ DC

Signature & Seal of Professional Surveyor  
*Gary Edson* 3/8/2000

NEW MEXICO  
00-11-0307

Certificate No. RONALD S. EIDSON 3239  
GARY EIDSON 12641  
WAGON McDONALD 12185

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
811 South First, Artesia, NM 88210

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-101  
Revised October 18, 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 MARBOB ENERGY CORPORATION P.O. BOX 227 ARTESIA, NM 88210		OGRID Number 14049
		API Number 30 - 0
Property Code BR-549 STATE	Property Name	Well No. 3

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
E	27	17S	29E		1600	NORTH	990	WEST	EDDY

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
Proposed Pool 1 EAST EMPIRE YESO					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3548
Multiple No	Proposed Depth 5000	Formation YESO	Contractor L&M	Spud Date 03-25-00

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	350'	350 SX	ATTEMPT TO CIRC
7 7/8"	5 1/2"	17#	5000'	1100 SX	SUFFICIENT TO COVER
					200' ABOVE ALL KNOWN
					OIL & GAS HORIZONS

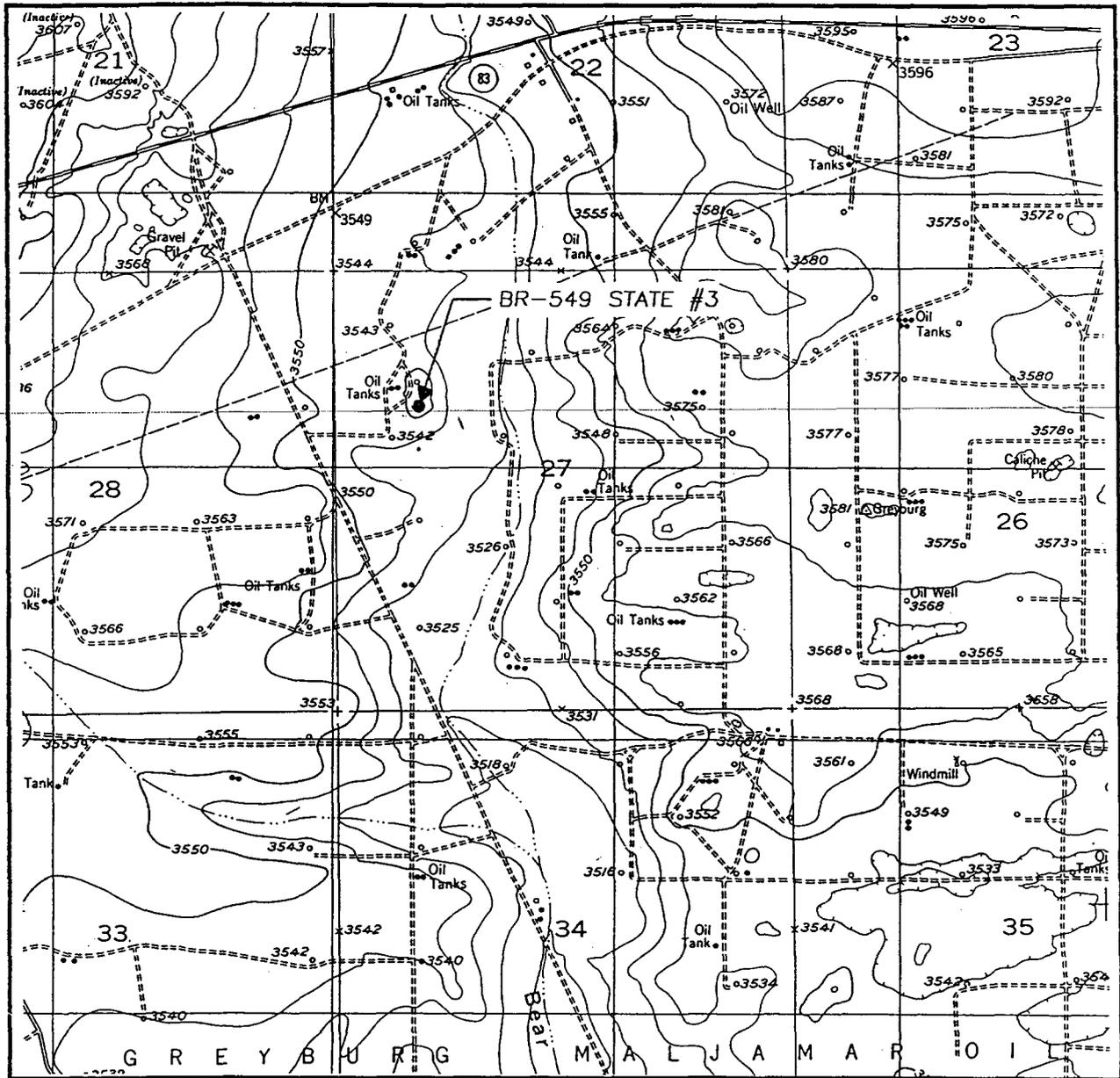
Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

DRILL 12 1/4" HOLE TO 350', RUN & CMT 8 5/8" CSG, REDUCE HOLE & DRILL TO 5000', RUN & CMT 5 1/2" CSG, PUT WELL ON PRODUCTION

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Robin Cockrum</i>		OIL CONSERVATION DIVISION	
Printed name: ROBIN COCKRUM		Approved By:	
Title: PRODUCTION ANALYST		Title:	
Date: 03-09-00		Approval Date:	
Phone: 748-3303		Expiration Date:	
		Conditions of Approval: Attached: <input type="checkbox"/>	



# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
RED LAKE SE - 10'

SEC. 27 TWP. 17-S RGE. 29-E

SURVEY \_\_\_\_\_ N.M.P.M. \_\_\_\_\_

COUNTY \_\_\_\_\_ EDDY \_\_\_\_\_

DESCRIPTION 1600' FNL & 990' FWL

ELEVATION \_\_\_\_\_ 3548 \_\_\_\_\_

OPERATOR MARBOB ENERGY CORP.

LEASE BR-549 STATE

U.S.G.S. TOPOGRAPHIC MAP

RED LAKE SE, N.M.

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

# MACK ENERGY CORPORATION

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

March 2, 2000

MAR 03 2000

Raye Miller  
Marbob Energy Corporation  
P.O. Box 227  
Artesia, New Mexico 88211

Re: Our Robinson State Lease  
W/2 NW/4 Section 27, T17S, R29E  
Eddy County, New Mexico

Dear Raye:

Marbob Energy Corporation, et al, are the owners of leasehold rights below 3500 feet in the captioned lands ("lands") and desire to drill a well or wells on the lands.

Mack Energy Corporation as Operator, and Chase Oil Corporation, et al, as working interest owners as to those depths above 3500 feet, agree not to object to any well location(s) staked by Marbob Energy Corporation on the lands, so long as said well location(s) are located no closer than 75 feet to any currently producing or disposing well operated by Mack Energy Corporation, nor closer than 330 feet from the west line of Section 27, T17S, R29E.

Sincerely,



Robert C. Chase  
Vice President of Mack Energy Corporation  
President of Chase Oil Corporation

RCC:rw1