

MARBOB ENERGY CORPORATION  
2208 W. MAIN  
P.O. BOX 227  
ARTESIA, NEW MEXICO 88211-0227  
(505) 748-3303

PLEASE DETACH BEFORE DEPOSITING. RETAIN TOP PORTION FOR YOUR RECORDS.

018929

018929

95-43/1122



2208 W. MAIN  
P.O. BOX 227  
ARTESIA, NEW MEXICO 88211-0227  
(505) 748-3303

FIRST NATIONAL BANK  
P.O. DRAWER AA  
ARTESIA, NM 88210

\*\*\*\*\*THIRTY DOLLARS AND NO/100\*\*\*\*\*

PAY TO THE ORDER OF  
COMMISSIONER OF PUBLIC LANDS  
P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

DATE	CHECK AMOUNT
01/20 /03	\$30.00

MARBOB ENERGY CORPORATION

**District I**  
1625 N. French Drive, Hobbs, NM 88240

**District II**  
1301 W. Grand Avenue, Artesia, NM 88210

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

**Oil Conservation Division**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

**APPLICATION FOR DOWNHOLE COMMINGLING**

Marbob Energy Corporation, P. O. Box 227, Artesia, NM 88211-0227

Operator D State Address 26 J-25-17S-28E Eddy  
Lease 26 Well No. 30-015-31586 Unit Letter-Section-Township-Range Eddy County  
OGRID No. 014049 Property Code 25375 API No. 30-015-31586 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	<sup>UNDES.</sup> Artesia Qn-GB-SA (01)		Artesia Gloriet/Yes (01)
Pool Code	3230		96830
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2835-3494' perforated		3953-4202' perforated
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	50 psi producing BHP		100 psi producing BHP
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36°		39°
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: N/A Rates:	Date: Rates:	Date: 11/30/02 Rates: 28 bopd 27 mcfpd
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 29 % Gas 48 %	Oil % Gas %	Oil 71 % Gas 52 %

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No

Are all produced fluids from all commingled zones compatible with each other? Yes  No

Will commingling decrease the value of production? Yes  No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No

NMOCD Reference Case No. applicable to this well: Administrative Order DHC-2906

**Attachments:**

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

**PRE-APPROVED POOLS**

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Brian Collins TITLE Engineer DATE 20 Jan 03

TYPE OR PRINT NAME Brian Collins TELEPHONE NO. ( 505 ) 748-3303

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

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

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code 96830	Pool Name ARTESIA GLORIETTA YESO
Property Code 25375	Property Name "D" STATE	Well Number 26
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3672

Surface Location

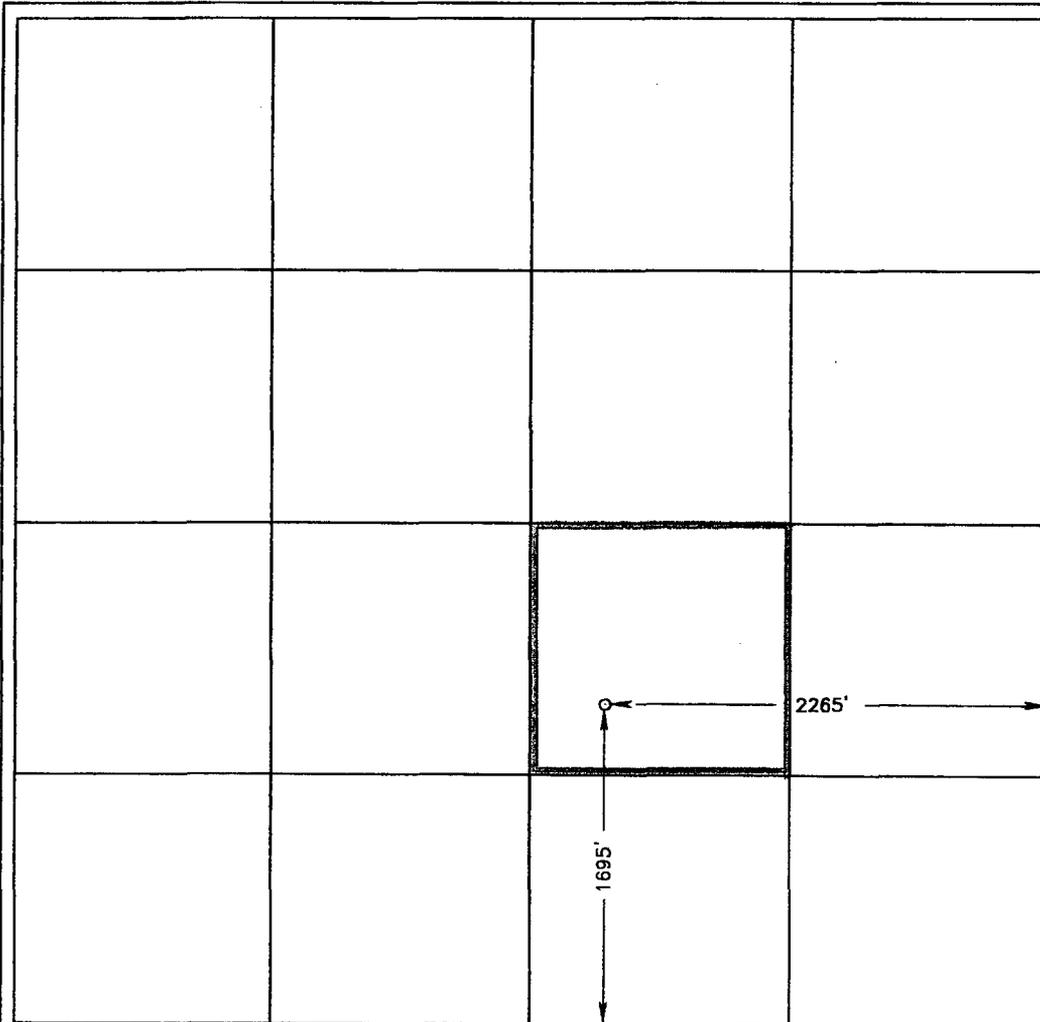
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	25	17-S	28-E		1695	SOUTH	2265	EAST	EDDY

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  
1/29/01  
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.

JANUARY 15, 2001  
Date Surveyed  
AWB  
Signature & Seal of Professional Surveyor  
*Ronald J. Eidson*  
3239  
4-11-0049  
Certificatio No. RONALD J. EIDSON 3239  
CARR EIDSON 12841

**Engineering Summary**  
**Form C-107A**  
**Application for Downhole Commingling**

**Marbob Energy Corporation**  
**D State No. 24 (O-25-17S-28E)**  
**D State No. 26 (J-25-17S-28E)**

As shown on the attached production plots, the estimated per well EUR for the Yeso is 42 MBO/56 MMCF and for the San Andres is 17 MBO/51 MMCF. The proposed zonal allocation is:

Oil: Yeso =  $\frac{42 \text{ MBO}}{42+17}$  = 71%

San Andres 1-.71 = 29%

Gas: Yeso =  $\frac{56 \text{ MMCF}}{56+51}$  = 52%

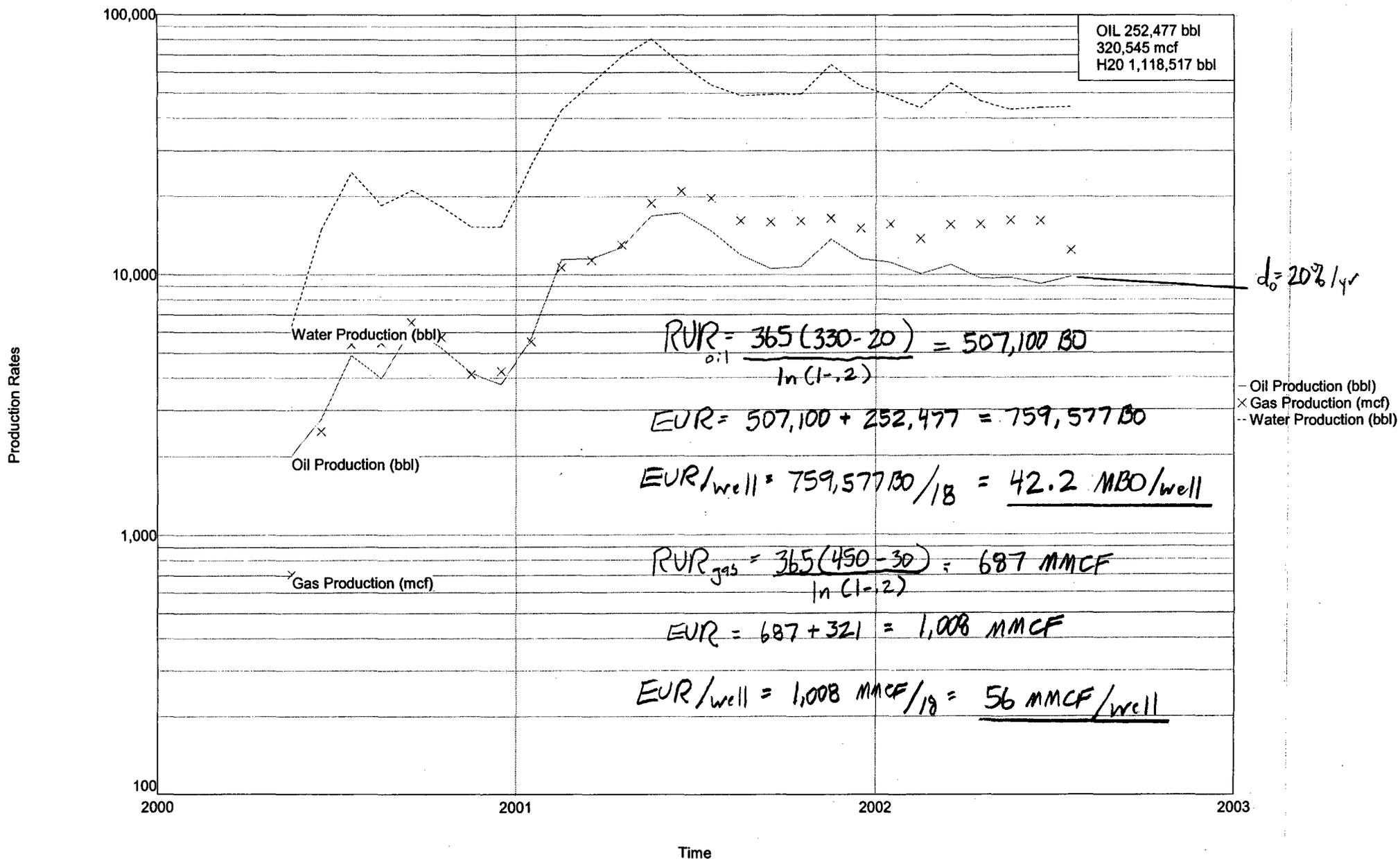
San Andres 1-.52 = 48%

18 wells

# Yeso Production

Lease Name: D STATE  
 County, State: EDDY, Unknown  
 Operator: MARBOB ENERGY CORPORATION  
 Field: ARTESIA  
 Reservoir: MULTIPLE  
 Location:

## D STATE - [ MULTIPLE



San Andres wells  
 Sec. 26, 27, 34 - 17s-28e  
 Eddy, NM

Lease Name: MULTIPLE  
 County, State: EDDY, Unknown  
 Operator: MARBOB ENERGY CORPORATION  
 Field: MULTIPLE  
 Reservoir: QUEEN-GRAYBURG-SAN A  
 Location:

Avg. EUR per well = 33.9 MBO

San Andres

Avg. GOR = 3000 (Avg 101.7 MMCF/w)

MULTIPLE - MULTIPLE

