	3/27/06	**************************************	WILL JONE	5   3	3/27/06	DHC		110902
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			1220 South St. Fra	· · · · · · · · · · · · · · · · · · ·			· · ·	. "
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2 <sup>1</sup> 1		[D] O	ther: Specify					
[			<b>REQUIRED TO:</b> Working, Royalty					
	al an <b>I</b>	[B] [	Offset Operators,	Leaseholders or	Surface Owner		·	
es su t		[C] [	] Application is On	e Which Require	s Published Legal	Notice		1171
	n de las tels de la Co Constante de las tels de la	[D]	Notification and/o U.S. Bureau of Land Manag	r Concurrent Ap	proval by BLM of Public Lands, State Land (	r SLO Diffice		··· ·· ·· ··
	in the second second sec <b>i</b>	E]	For all of the abov	e, Proof of Notif	ication or Publica	tion is Attached, a	nnd/or,	· · · ·
24 1	[	F] [	Waivers are Attac	ned			•	
[3	] SUBMIT OF APP	<sup>r</sup> ACCUI LICATI(	ATE AND COMPI ON INDICATED AI	LETE INFORM BOVE.	IATION REQUI	RED TO PROC	ESS THE T	YPE
[4 ap ap	proval is <b>accur</b> plication until t	ate and contract the require	N: I hereby certify the <b>mplete</b> to the best of d information and no	f my knowledge. tifications are su	I also understand bmitted to the Di	l that <b>no action</b> w vision.	ill be taken o	tive on this
		Note: Stat	ement must be complete	d by an Individual w	ith managerial and/	or supervisory capac	ity.	

Print or Type Name

Title

Date

:

District I	State of New Mexico
1625 N. French Drive, Hubbs, NM 88240	Energy, Minerals and Natural Resources Department
District II	
1301 W. Grand Avenue, Artesia, NM \$8210	Oil Conservation Division
District III	1220 South St. Francis Dr.
1000 Rio Brazos Road, Azicc, NM 87410	Santa Fe, New Mexico 87505
District IV	
1220 S. St. Francis Dr., Sanus Fe, NM 87505	APPLICATION FOR DOWNOUNCOMMENT

No

APPLICATION TYPE X Single Well

Establish Pre-Approved Pools EXISTING WELLBORE Yes

<b>APPLICATION FOR</b>	DOVENDOUNCO!	MARTICI
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#### С MARBOB ENERGY CORPORATION P O BOX ARTESIA, NM 88211-0027 Addre Operator EDDY, NM 0-25-T17S R28F D STATE #28 Well No. Unit Letter-Section-Township-Range County Lease

OGRID No. 14049 Property Code 25375 API No. 30-015-31939 Lease Type: \_Federal X\_State \_ \_Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Artesia Qn-GB-SA		Artesia Glorieta/Yes
Pool Code	3230	· · · · · · · · · · · · · · · · · · ·	96830
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2909-3138' Perforat	ed	4028-4327' Perforate
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: 03/14/06 Rates: 26 BOPD 6 MCFPD
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas	Oil Gas	Oil Gas
than current or past production, supporting data or explanation will be required.)	29 % 48 %	% %	71 % 52 %

### **ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes_X Yes	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes_X	No
Will commingling decrease the value of production?	Yes	NoX
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 <u>X</u>	No
NMOCD Reference Case No. applicable to this well: Adm <sup>±</sup> nistrative Order DHC-2906		

Attachments:

I

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 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 comple	te to the best of my knowledge	and belief.	
SIGNATURE Killer TITL	EENGINEER	DATE03/22/06	
TYPE OR PRINT NAME_BRIAN COLLINS	TELEPHONE	NO. ( <u>505</u> ) 748-3303	
E-MAIL ADDRESS engineering@marbob.com			

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

Marbob Energy Corporation D State No. 21 (I-25-T17S-R28E) D State No. 22 (P-25-T17S-R28E) D State No. 28 (O-25-T17S-R28E) D State No. 29 (P-25-T17S-R28E) DAD State No. 41 (J-25-T17S-R28E) DAD State No. 42 (I-25-T17S-R28E)

As shown on the attached production plots, the estimated 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 = <u>26 MMCF</u> = 52% 56+51

San Andres 1-.52 = 48%

DISTRICT	I	

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

DISTRICT II P.O. Drawer III, Artenia, MK 66911--0719

DISTRICT III 1000 Rio Brance Rd., Astec, NM 87410 State of New Mexico

- .

Form C-102

Revised February 10, 1994

State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

Submit to Appropriate District Office

Energy, Minerals' and Natural Resources Department.

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV

## WELL LOCATION AND ACREAGE DEDICATION PLAT

TU, DUA DUDG DANLA 75, M.S. UTUW AND			
API Number	Pool Code	Pool Name	
	96830	ARTESIA GLORIETTA YE	S0
Property Code	Proper	ty Name	Well Number
25375	D ST	ATE	28
OGRID No.		of Name	Elevation
14049	MARBOB ENERG	Y CORPORATION	3683'

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	25	17–S	<b>28</b> -E		530	SOUTH	2310	EAST	EDDY

Bottom Hole Location If Different From Surface

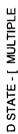
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	foint o	r Infill Co	nsolidation (	ode Ore	ler No.				
40									

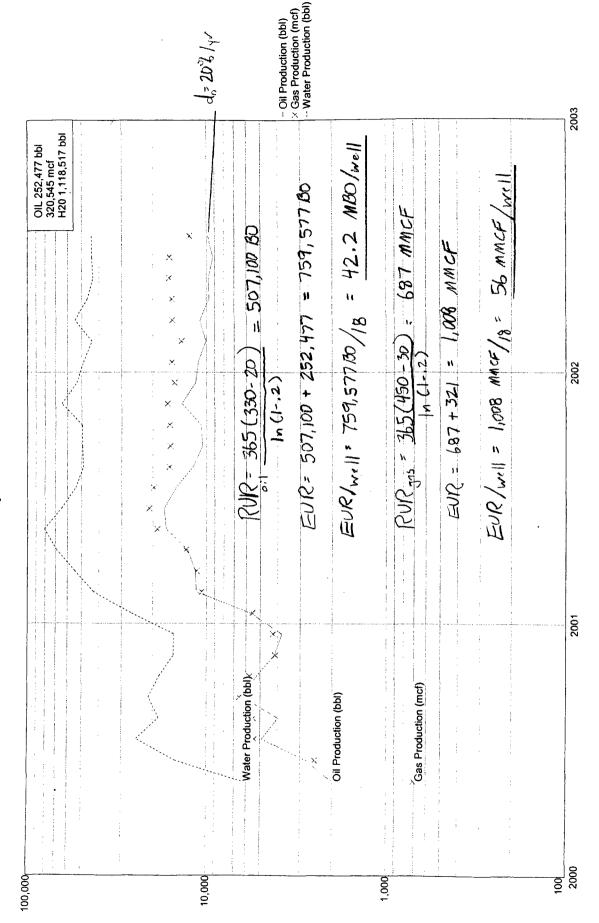
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		OPERATOR CERTIFICATION
		I hereby certify the the information
		contained herein is true and complete to the best of my knowledge and belief.
		Signature, Camp
		DIANA J. CANNON
		PRODUCTION ANALYST
		AUGUST 7, 2001
		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 supervison and that the same is true and correct to the best of my belief.
		JULY 11, 2001 Date Surveyed Signature & Seal of Professional Surveyor
	2310'	Romald Esultan 7/16/01
	0 2 2 2	Cartificate No. RONALD L KIDSON 3239 GARY GIDSON 12841

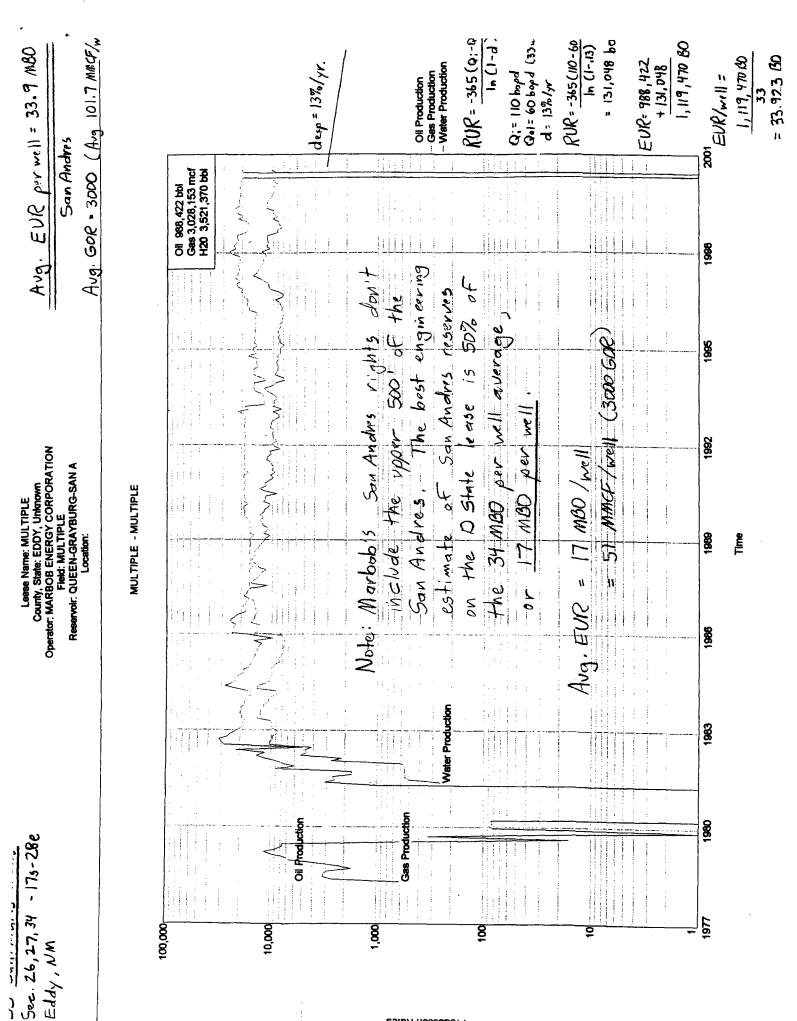
18 wells Yess Production

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





Time



Production Rates

.Submit 3 Copies To Appropriate District State	of New Mexico	Form C-103
District	trict I Energy, Minerals and Natural Resources	
1625 N. French Dr., Hobbs, NM 88240 <u>District 11</u> 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSE	RVATION DIVISION	WELL API NO. 30-015-31939
District III 1220 Sc	outh St. Francis Dr.	5. Indicate Type of Lease
DISTINCT	a Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505		
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A		7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		D STATE
1. Type of Well: Oil Well 🗴 Gas Well 🗌 Other		8. Well Number 28
2. Name of Operator MARBOB ENERGY CORPORATION		9. OGRID Number 14049
3. Address of Operator P O BOX 228	222	10. Pool name or Wildcat ARTESIA GLORIETA/YESO
ARTESIA, NM 88211-0 4. Well Location	228	ARTESIA GLORIEIA/IESO
Unit Letter 0 : 530 feet from the SOUTH line and 2310 feet from the EAST line		
Section 25 Township		NMPM EDDY County NM
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3683' GR		
Pit or Below-grade Tank Application  or Closure		
Pit typeDepth to GroundwaterDistance from nearest fresh water wellDistance from nearest surface water		
Pit Liner Thickness:       mil       Below-Grade Tank: Volume       bbls; Construction Material         12       Cl       L       D       t       D       t		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data		
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK DUID PLUG AND ABANDON DI REMEDIAL WORK DI ALTERING CASING		
TEMPORARILY ABANDON CHANGE PLANS		
PULL OR ALTER CASING 🛛 MULTIPLE COMPI		Т ЈОВ
OTHER: DOWNHOLE COMMINGLING	OTHER:	
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion		
or recompletion.		
CEE ATTRACTED & 1074 ADDIT CATTON FOR DOIDUIOLE CONSTRUCTING		
SEE ATTACHED C-107A APPLICATION FOR DOWNHOLE COMMINGLING ADMINISTRATIVE ORDER DHC-2906		
THE PROPOSED ALLOCATION IS: ARTESIA QN-GB-SA - OIL 29% - GAS 48% ARTESIA GLORIETA/YESO - OIL 71% - GAS 52%		
NEW ALLOCATIONS WILL BE SUBMITTED IF ACTUAL WELL PRODUCTION IS SIGNIFICANTLY DIFFERENT THAN THAT ABOVE.		
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-		
grade tank has been/will be constructed or closed according to NMC	OCD guidelines 🗌, a general permit 🗍	or an (attached) alternative OCD-approved plan 🗌.
SIGNATURE / 2milli	TITLE ENGINEER	DATE_03/22/06
Type or print name BRIAN COLLINS	E-mail address:	Telephone No.
For State Use Only	engineering	@marbob.com 505-748-3303
APPROVED BY:	TITLE	DATE

Conditions of Approval (if any):

.