NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



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		[B]		Offset Operato	ors, Leaseh	olders or S	urface Owr	ner			<u>.</u> .	
		[C]		Application is	One Which	h Requires	Published	Legal Noti	ce	100 100		٠.:
	erikan di karangan Kalandaran	[D]		Notification and U.S. Bureau of Land M	nd/or Conci	urrent App	roval by BI Jublic Lands, State	LM or SLC e Land Office)			<i>3</i> ,
: 1	· . : •	[E]		For all of the a	bove, Proo	f of Notifi	cation or Pu	iblication i	s Attached,	and/or,		
	•	[F]		Waivers are At	ttached		.84	124	•	•		: :
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4] pprova pplicat	ıl is accu	rate an	d con	I hereby certiful in the bear information and	st of my kn	owledge.	I also under	rstand that	no action	for admit will be ta	nistrative ken on thi	s
		Note:	Staten	ent must be comp	oleted by an i	Individual wi	th manageria	l and/or sup	ervisory capa	city.	*	
rint or	Type Nam	ie		Signature			Title	· · · · · · · · · · · · · · · · · · ·		. :	Date	
											•	

e-mail Address

District 1 1625 N. French Drive, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District II

1301 W. Grand Avenue, Ar

District IV

District III
1000 Rio Brazos Road, Aziec, NM 87410

1220 S. St. Francis Dr., Sanua Fe, NM 87505

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION TYPE

X Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

APPLICATION FOR DOWNHOLE COMMINGLING

 \underline{X} Yes $\underline{\hspace{1cm}}$ No

MARBOB ENERGY CORPORAT	ION	P (O BOX	227/1	ART	ESIA,	M 8821	1-00	27
Operator D STATE #29		P-1		17S R28E EDDY, NM					
Lease	Well No.			Section-Township-Rang	je		County		_
OGRID No. 14049 Property Co	de 25375	_ API No.	30-	015-31940 L	ease Type:	_Federal	X_State	F	ee
DATA ELEMENT	UPP	ER ZONE	<i>,</i>	INTERMEDIA	LOWER ZONE				
Pool Name	Artesia	Qn-GB-	SA			Artes	ia Glori	leta/	Yes
Pool Code	3230					96830			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2952-31	72 ' Per	forat	ed		4064-	4370' Pe	erfor	ate
Method of Production (Flowing or Artificial Lift)	Artific	ial Lif	t			Artif	icial L	ift	
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 BHP	produci	ng			100 p BHP	si produ	ıcing	
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36°					39°			
Producing, Shut-In or New Zone	New Zon	ne .				Produ	cing		
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	•	Date:		Date:	02/10/0 44 BOPI 108 MCFI	D	
Fixed Allocation Percentage	Oil	Gas		Oil	Gas	Oil		ias	
(Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	29	% 48	%	%	%	71	%	52	%
	-	AD	DITIO	NAL DATA		· • · · · · · · · · · · · · · · · · · ·			
Are all working, royalty and overriding lf not, have all working, royalty and over					ed mail?		Yes X Yes	_ No _ No	
Are all produced fluids from all comm	ingled zones co	ompatible wi	ith each o	other?			Yes_X	_ No	
Will commingling decrease the value of	f production?						Yes	_ No	X
If this well is on, or communitized with or the United States Bureau of Land M NMOCD Reference Case No. applicab	anagement be	en notified in	writing	of this application?			Yes X	_ No	
Attachments: C-102 for each zone to be comming Production curve for each zone for For zones with no production histor Data to support allocation method Notification list of working, royalty Any additional statements, data or	gled showing i at least one yeary, estimated por or formula. y and overriding	its spacing ur ear. (If not a production ra ng royalty int	nit and ac vailable, ites and s	creage dedication. attach explanation.) supporting data. or uncommon interest					
	***	PRE-	APPR(OVED POOLS					
If application is	to establish P	re-Approved	Pools, t	he following addition	nal information w	ill be requi	ired:		
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottomhole pressure data.	d Pre-Approve	ed Pools							
I hereby certify that the information	n above is tru	ue and comp	olete to	the best of my know	wledge and beli	ef.			
SIGNATURE Sim 4	mlu	·TI	TLE	ENGINEER		_DATE_	03/22/0	6	
TYPE OR PRINT NAME BRIA	N COLLIN	S		TELEPI	HONE NO.	505	748-330)3	
E-MAIL ADDRESS engin	eering@m	arbob.c	om						

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-.52 =
$$48\%$$

State of New Mexico

DISTRICT I P.O. Box 1960, Hobbs, NM 88241-1980

Energy, Minerals and Natural Resources Department

Form C-102 Revised Pebruary 10, 1994 Submit to Appropriate District Office

DISTRICT II P.C. Drawer DD, Artesia, NM 86211-0719

DISTRICT IV

OIL CONSERVATION DIVISION P.O. Box 2088

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brasos Rd., Astec, NM 87410 Santa Fe, New Mexico 87504-2088

Pool Name	
ON PLAT	AMENDED REPORT

DISTRICT IV P.O. BOX 2088, BANTA FE, N.M. 87804-208	WELL LOCATION AND	ACREAGE DEDICATION PLAT	☐ AMENDED REPORT	
API Number	Pool Code	Pool Name		
	96830	ARTESIA GLORIETTA YESO		
Property Code	Prop	erty Name	Well Number	
25375	D S	STATE	29	
OGRID No.	Oper	stor Name	Elevation 3672	
14049	MARBOB ENER	GY CORPORATION		

Surface Location

1	UL or lot No.	Section	Township	Range	Lot Idn	Fest from the	North/South line	Feet from the	East/West line	County
	P	25	17-5	28-E		510	SOUTH	990'	EAST	EDDY
						<u> </u>	<u> </u>	L	L	ــــــ

Bottom Hole Location If Different From Surface

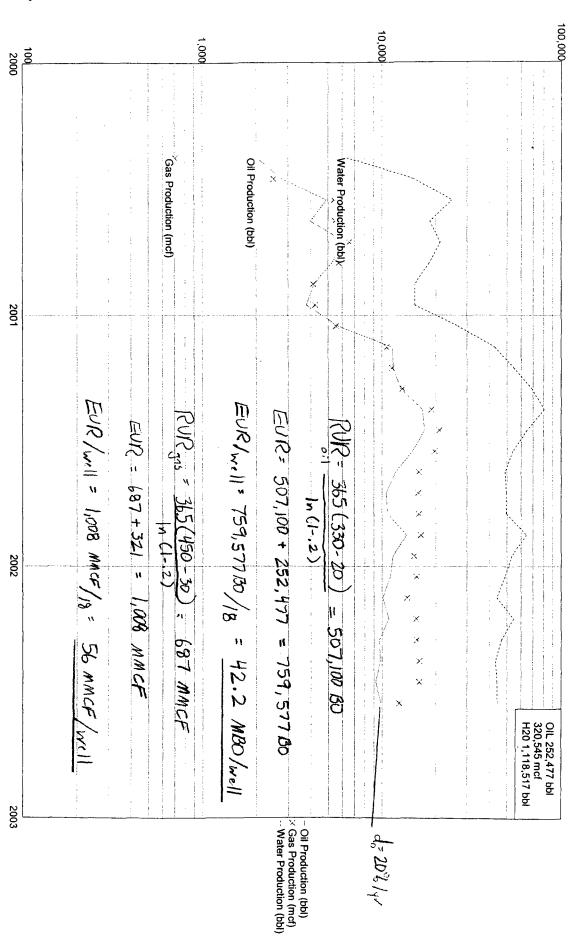
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres Joint or Infill Consolidation Code Order No.							·		
40									

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
1	I hereby cortify the the information contained herein is true and complete to the
	best of my knowledge and belief.
	Signature Signature
	DIANA J. CANNON Printed Name
	PRODUCTION ANALYST Title
	_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 AWB Signature & Seal of
	Amalel Edgen 7/16/01
	Certificate No. RONALD J. EDSON 3239 CARY EDSON 12641

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

D STATE - [MULTIPLE



Sec. 26,27,34 - 173-281 Eddy, NM

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

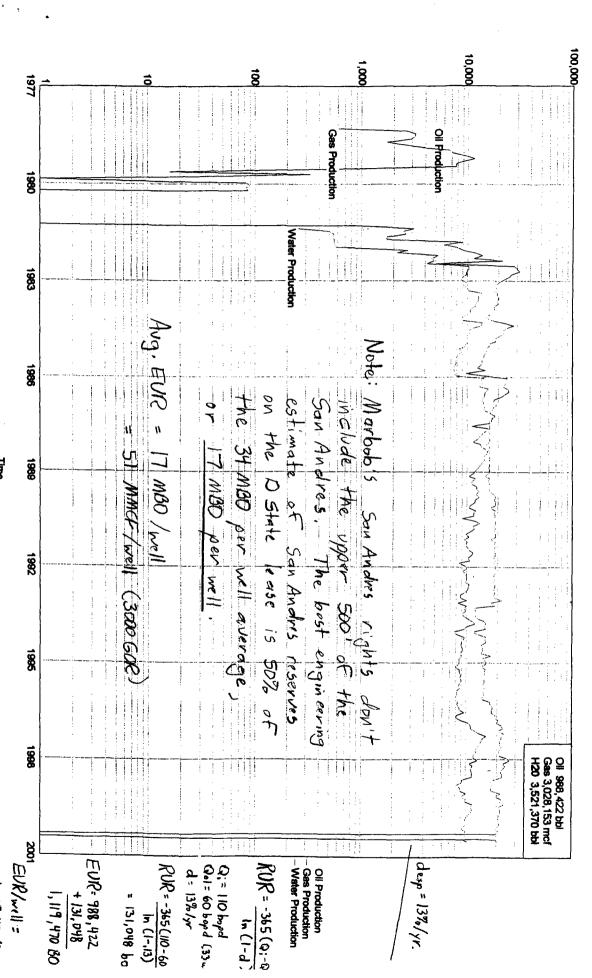
Location:

Ug. EUR per well = 33.9 MBD

San Andres

Aug. GOR - 3000 (Aug 101.7 MMCF/

MULTIPLE - MULTIPLE



Ħ

= 33.923 60

1,119,4700

Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103			
	rgy, Minerals and Natural Resources	May 27, 2004			
1625 N. French Dr., Hobbs, NM 88240 District II		WELL API NO. 30-015-31940			
1301 W. Grand Ave., Artesia, NM 88210	L CONSERVATION DIVISION	5. Indicate Type of Lease			
<u>District III</u> 1000 Rio Brazos Rd., Aztec. NM 87410	1220 South St. Francis Dr.	STATE IN FEE			
District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No.			
1220 S. St. Francis Dr., Santa Fe, NM 87505					
SUNDRY NOTICES AND (DO NOT USE THIS FORM FOR PROPOSALS TO DI DIFFERENT RESERVOIR. USE "APPLICATION FOR PROPOSALS.)	ULL OR TO DEEPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name D STATE			
1. Type of Well: Oil Well X Gas Well	Other	8. Well Number 29			
2. Name of Operator MARBOB ENERGY O	ORPORATION	9. OGRID Number 14049			
3. Address of Operator P O BOX 228		10. Pool name or Wildcat			
ARTESIA, NM	88211-0228	ARTESIA GLORIETA/YESO			
4. Well Location					
Unit Letter P : 510	feet from the SOUTH line and				
Section 25	Township 17S Range 28E	NMPM EDDY County NM			
II. Elev	ation (Show whether DR, RKB, RT, GR, etc.				
Pit or Below-grade Tank Application or Closure	3672' GR				
	Distance from nearest fresh water well Dis	stance from nearest surface water			
		Construction Material			
12 Check Appropris	ate Box to Indicate Nature of Notice,	Report or Other Data			
NOTICE OF INTENTION		BSEQUENT REPORT OF:			
<u> </u>	ND ABANDON REMEDIAL WOF				
	E PLANS ☐ COMMENCE DR LE COMPL ☐ CASING/CEMEN	RILLING OPNS.□ PANDA □ NTJOB □			
PULL OR ALTER CASING MOLTIF	LE COMPL CASING/CEMEN	11 30B			
OTHER: DOWNHOLE COMMINGLING	☐ OTHER:				
 Describe proposed or completed open of starting any proposed work). SEE or recompletion. 	ations. (Clearly state all pertinent details, ar RULE 1103. For Multiple Completions: A	nd give pertinent dates, including estimated date attach wellbore diagram of proposed completion			
SEE ATTACHED C-107A APPLICATION ADMINISTRATIVE ORDER DHC-2906	ON FOR DOWNHOLE COMMINGLING				
THE PROPOSED ALLOCATION IS:	ARTESIA QN-GB-SA - OIL 29% - G ARTESIA GLORIETA/YESO - OIL 71				
•	,				
NEW ALLOCATIONS WILL BE SUBMIT DIFFERENT THAN THAT ABOVE.	TTED IF ACTUAL WELL PRODUCTION	I IS SIGNIFICANTLY			
grade tank has been/will be constructed or closed acco	rding to NMOCD guidelines 🔲, a general permit 🗀	ge and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan .			
SIGNATURE Shirtelle	TITLE_ENGINEER	DATE 03/22/06			
Type or print name BRIAN COLLINS	E-mail address:	Telephone No.			
For State Use Only	engineering	g@marbob.com 505-748-3303			
VI VIEW OUR VILLY	•				
APPROVED BY:	TITLE	DATE			
Conditions of Approval (if any):					