District I 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

District III
1000 Rin Brazos Road, Azicc, NM 87410

District IV

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

APPLICATION TYPE

Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes No

20 S. Si. Francis Dr., Sania Fe, NM 87505	APPLICATION FOR DOV	WNHOLE COMMINGLING		<u>X</u> YesNo		
MARBOB ENERGY CORPORAT			ESIA,	NM 88211-0027		
perator		lress 17S-R28E	ED.	DY, NM		
D STATE #21		Section-Township-Range	וטט	County		
OGRID No. 14049 Property Cod	de 25375 API No. 30-	-015-30975 Lease Type:	_Feder	al X State Fee		
DATA ELEMENT	UPPER ZONE INTERMEDIATE ZONE			LOWER ZONE		
Pool Name	Artesia Qn-GB-SA		Arte	sia Glorieta/Yes		
Pool Code	3230	0 96830				
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2870-3059' Perforated			4017-4179' Perforated		
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Arti	ficial 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	RECEIVED	100 BHP	psi producing		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36°	MAR 2 4 2006	39°			
Producing, Shut-In or		OCU-ARTESIA	 			
New Zone Date and Oil/Gas/Water Rates of	New Zone		Prod	ucing		
Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date: N/A	Date:	Date:	12/27/05		
estimates and supporting data.)	Rates:	Rates:	Rates	11 BOPD 27 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 %		
	<u>ADDITIO</u>	NAL DATA				
Are all working, royalty and overriding lf not, have all working, royalty and ov				Yes X No Yes No		
Are all produced fluids from all commi	Yes_X No					
Will commingling decrease the value of	Yes No X					
If this well is on, or communitized with or the United States Bureau of Land M	Yes X No					
NMOCD Reference Case No. applicab						
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 its spacing unit and a at least one year. (If not available ry, estimated production rates and or formula. y and overriding royalty interests f	acreage dedication. , attach explanation.) supporting data. or uncommon interest cases.				
	PRE-APPR	OVED POOLS				
If application is	s to establish Pre-Approved Pools,	the following additional information v	vill be ree	quired:		
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottomhole pressure data.	ed Pre-Approved Pools					
I hereby certify that the information	n above is true and complete to	the best of my knowledge and bel	ief.			
SIGNATURE /Smi	Mon' TITLE	ENGINEER	_DAT	E 03/22/06		
TYPE OR PRINT NAME BRIA	N COLLINS	TELEPHONE NO. (_	505	748-3303		
E-MAIL ADDRESS engin	eering@marbob.com	v · · · · · · · · · · · · ·		l		

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%

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

State of New Mexico

Energy, Minerals and Natural Resources Department

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

00-17-0189

Cortificatio No. RONALD J. EIOSON GARY EIDSON MACON MCDONALD 3239 12641 12185

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artonia, NM 88211-0719

DISTRICT III

OIL CONSERVATION P.O. Box 2088

OIL CONSERVATION DIVISION

1000 Rio Brasos Ed., Astec, NM 87410 DISTRICT IV P.O. BOX 2088, SANTA FR. N.M. 87504-2088

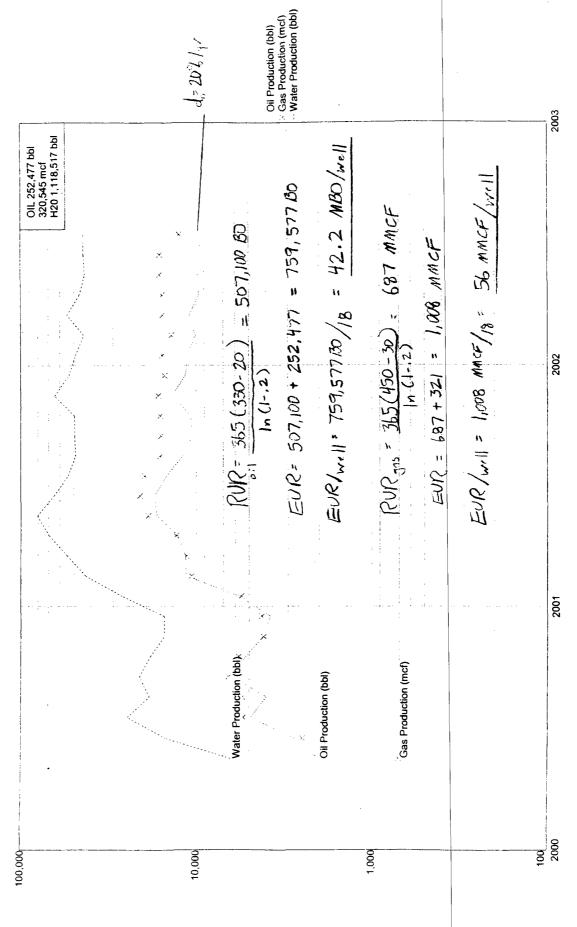
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

API	Number			Pool Code		ARTESIA•QUI	Pool Name		Pine	
Property (Code	1			Property Nan		EEN GROG S.	Well Num	ESO	
			"I	o" STATE				21		
OGRID N	o.		Operator Name			İ	Elevation			
14049	· ····	<u> </u>		MAKBOE	B ENERGY C	DRPORATION		366	3664	
					Surface Loc	ation				
UL or lot No.	Section	Township		Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
1	25	17	S 28 E		2310	SOUTH	330	EAST	EDD	
			Bottom	Hole Lo	cation If Diffe	erent From Sur	face			
UL or lot No.	Section	Township	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
D. M. A. S. A	- 1 7-1-4 -	- t-411	0 1/4 - 1/4 -		<u> </u>]			<u> </u>	
Dedicated Acre	s Joint o	r imili	Consolidation	Code Or	der No.					
NO ALL	WABLE W					UNTIL ALL INTER APPROVED BY			ATED	
							OPERA	TOR CERTIFICAT	TION	
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	[Date 2/	17/00		
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	1					33(7 1	tify that the well locat		
					j	و عنا	on this plat	was plotted from field ye made by me or	notes of	
						Ī		and that the same to		
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	Ì				J			BRUARY 8, 2000	ı	
	1				1		Date Surve	-	DC	
	 +		-		-	2310.	Signature Profession	& Seal of al Surveyor		

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

D STATE - [MULTIPLE



Production Rates

Time

Sec. 26,27,34 - 175-28e Eddy, NM

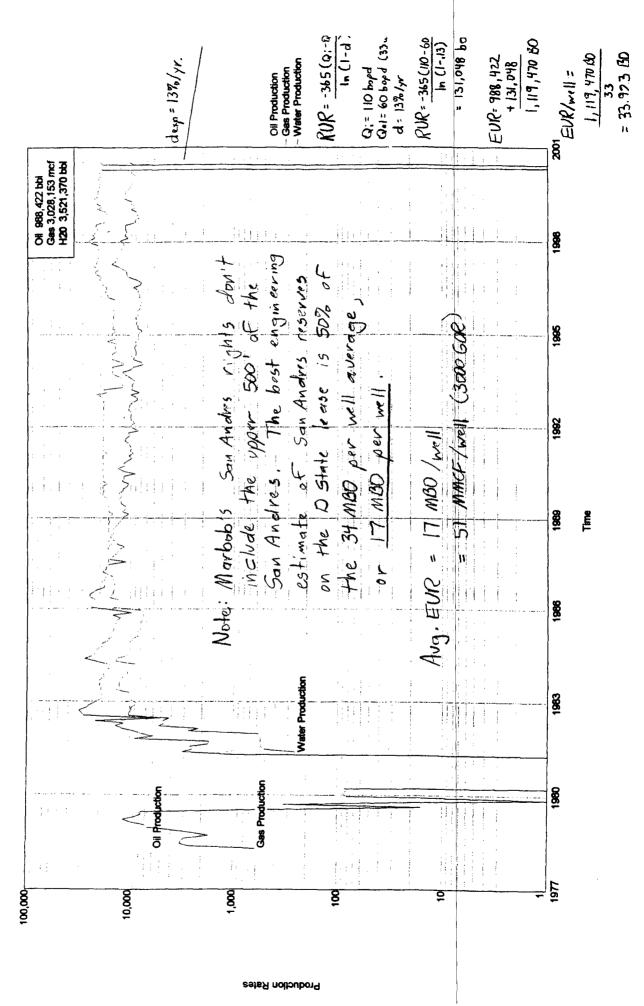
Lease Name: MULTIPLE
County, State: EDDY, Unknown
Operator: MARBOB ENERGY CORPORATION
Flekd: MULTIPLE
Reservoir: QUEEN-GRAYBURG-SAN A
Location:

Aug. EUR por well = 33.9 MBO

San Andres

Aug. GOR - 3000 (Aug 101.7 M#CF/w.

MULTIPLE - MULTIPLE



Submit 3 Copies To Appropriate District Office	State of New M			Form C-103	
District I	Energy, Minerals and Na	tural Resources		May 27, 2004	
1625 N. French Dr., Hobbs, NM 88240			WELL API NO		
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATIO	N DIVISION	30-015-30975		
District III	strict III 1220 South St. Francis Dr.		5. Indicate Type of Lease STATE X FEE		
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	1000 Rio Brazos Rd., Aztec, NM 87410 Sonto Eq. NIM 97505		6. State Oil &		
1220 S. St. Francis Dr., Santa Fe, NM 87505			o. State On &	Gas Lease No.	
	ICES AND REPORTS ON WELL	LS	7. Lease Name	or Unit Agreement Name	
(DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLI	D STATE	_			
PROPOSALS.) 1. Type of Well: Oil Well X Gas Well Other 8. W				er 21	
2. Name of Operator MARBOB I	9. OGRID Number 14049				
3. Address of Operator P O BO	10. Pool name	or Wildcat			
-	IA, NM 88211-0228		ARTESIA GLO		
4. Well Location					
1	2310 feet from the SOUT	H line and 3	330 feet 1	from the <u>EAST</u> line	
Section 25	Township 17S	Range 28E	NMPM EDD	Y County NM	
	11. Elevation (Show whether D 3664' GR	R, RKB, RT, GR, etc	·)		
Pit or Below-grade Tank Application	ied		F-754		
Pit type Depth to Groundw		water well Di	stance from nearest s	urface water	
Pit Liner Thickness: mil		· · · · · · · · · · · · · · · · · · ·			
12. Check A	Appropriate Box to Indicate	nature of Notice	, Report or Oth	er Data	
NOTICE OF IN	ITENTION TO:	SUE	BSEQUENT R	EPORT OF:	
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK				ALTERING CASING	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DE	RILLING OPNS.	P AND A	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMEN	NT JOB 🔲		
OTHER: DOWNHOLE COMMING	GLING X	OTHER:		П	
	oleted operations. (Clearly state a		nd give pertinent d	ates, including estimated date	
	ork). SEE RULE 1103. For Mult				
SEE ATTACHED C-107A APP ADMINISTRATIVE ORDER DE		COMMINGLING	:		
THE PROPOSED ALLOCATION	N IS: ARTESIA QN-GB-SA	- OII. 297 - C	SAS 487		
THE TROPOSED ABBOOMITO	ARTESIA GLORIETA				
NEW ALLOCATIONS WILL BI DIFFERENT THAN THAT ABO		ELL PRODUCTION	N IS SIGNIFIC	ANTLY	
		1	11 11 6		
I hereby certify that the information grade tank has been/will be constructed or	above is true and complete to the closed according to NMOCD guidelines	best of my knowledg	ge and belief. I fur] or an (attached) alte	ther certify that any pit or below- rnative OCD-approved plan .	
SIGNATURE //mile	mlin TITLE	ENGINEER		DATE 03/22/06	
			COBRE AND		
Type or print name BRIAN CO	A CONTRACTOR OF THE CONTRACTOR	dress:	CORDS ONL	Felephone No. 505-748-3303 MAR 2 4 2006	
APPROVED BY:	wed in suggestion	toot/		DATE	
Conditions of Approval (if any):					