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

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-101 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 6 Copies

MENDED REPORT

Fee Lease - 5 Copies

811 South First Artesia, NM 88210

District I I 1000 Rio Brazos Rd , Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe NM 87505

APPLICA	TION F	FOR P	ERMIT .		LL, RE-E		EPEN	ر ۱ ^A PLUGB	ACK, C	OR AD	D A ZONE
MARBOB EN PO BOX 227 ARTESIA, NI	d Address	00	OGRID Number 14049 SAPI Number 30 - 0 / 5 - 3 / 7				14049 Pl Number				
Property Code 38067 WALTERTH				ION FEE	EFTOPERLY Name					₅Well No.	
Surface Location											
UL or lot no.	Section 21	Township 22S	Range 27E	Lot Idn	Feet from the 871	North/South I	1	Feet from the 1015	East/We		County EDQ LA
Proposed Bottom Hole Location If Different From Surface											
UL or lot no.	Section	Townshi	p Range	Lot Idn	Feet from the	North/South	line Feet from the		East/West Line		County
Proposed Pool 1 CARLSBAD SOUTH MORROW											
₁Work Type Code N			12Well Type Code G		₁₃Cable/Rotary R		₁₄Lease Type Code P		e 	₃Ground Level Elevation 3109	
16Multiple No			∵Proposed	Deptil		ormation V	UTI	-∍Contractor UTI		∞Spud Date 05-30-01	
Proposed Casing and Cement Program											
Hole Size Casing Size			ng Size	Casing	ng weight/foot Setting Depth Sacks of Cement			Estimated TOC			
47.4/2"			13 3/8"		48#		350' 300 SX		0 SX	CIRC SUNFALCE	

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC	
17 1/2"	13 3/8"	48#	350'	300 SX	CIRC Surface	
12 1/4"	9 5/8"	36#	1700'	900 SX	CIRC ''	
8 3/4"	7"	23#	9000'	1600 SX	TIE BACK IN	
6 1/8"	4 1/2" LINER	11.6#	12000'	350 SX	CIRC	

²²Describe 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 17 1/2" HOLE TO 350', SET 13 3/8" CSG & CIRC CMT, NU BOPE & DRILL 12 1/4" HOLE TO 1900', SET 9 5/8" CSG & CIRC CMT, NU & TEST BOPE, DRILL 8 3/4" HOLE TO 9000', SET 7" CSG & ATTEMPT TO TIE BACK, NU & TEST BOPE, DRILL 6 1/8" HOLE TO 12000', DST POTENTIALLY PRODUCTIVE HORIZONS.

²³ I hereby certify that the information giv	en above is true and complete to the	OF BON OIL CONSERV	BAN OIL CONSERVATION DIVISION					
best of my knowledge and belief. Signature:	Marin	Approved By ORIGINAL SIGNED BY THE W. GUIA						
Printed name: DIANA J. CANNON	N N	Title: DISTRIET IN SUFERIOSIN						
Title: PRODUCTION ANALYST		Approval Date:	Expiration Date: MAY 2.5 2012					
Date: 05-23-01	Phone: 748-3303	Conditions of Approval: Attached:						

		PREPARED BY
	CALCULATIONS AND DESIGN DATA	DATE
WALTERTHON FEE	Vo. /	SHEET OF
871' N & 1015' E Sec. 21: T225 - R2"	? <i>E</i>	
SEC. 21. 1225 - 12		
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	KOAD	
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	ACCESS	
	7.1	
	Barder	
	DEEP BURY	1
	BURN PET	
) 	XXXXXXXXX	<u> </u>
	50'	, , , , , , , , , , , , , , , , , , ,
,	(150' + 150'.	> XE XE XR XR XR XR XR XR XR XR XR XR XR
		xm for BERM
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	150'	× × × × × × × × × × × × × × × × × × ×
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	STOCKPILE AS MUC	H TOPACTE AS POSSIBLE

State of New Mexico

DISTRICT I P.O. Box 1980, Hobbs, NM 58241-1980

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994 Submit to Appropriate District Office

DISTRICT II P.O. Drawer III, Artesda, NM 88211-0719			OIL CONSERVATION DIVISION P.O. Box 2088							State Lease - 4 Copies	
DISTRICT III 1000 Rio Brazos F	Rd., Aztec, N	I M 874 10		Santa F	e, New Me	exic	o 87504-2088				
DISTRICT IV	ra fb. n.m. 87	7504-2088	WELL LO	WELL LOCATION AND ACREAGE DEDICATION PLAT						□ AMENDED REPORT	
	Number		T	Pool Code							
								SOUTH MORROW	ORROW Well Number		
Property (Code			WA	Property ALTERTHO		e FEE		#en Num		
OGRID N	0.	+			Operator				Elevation	Elevation	
14049			N	MARBOB	ENERGY	. CC	DRPORATION		3109	3109'	
		-			Surface	Loca	ition				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County	
A	21	22-S	27-E	1	871		NORTH	1015	EAST	LEA	
			Bottom	Hole Lor	cation If I	Diffe	rent From Sur	face			
UL or lot No.	UL or lot No. Section		Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County	
										<u> </u>	
Dedicated Acre	. Joint	or Infill	Consolidation	Code Or	rder No.						
320				L_							
NO ALLO)WABLE V						NTIL ALL INTER APPROVED BY		EEN CONSOLIDA	ATED	
	1	<u> </u>				1		OPERATO	OR CERTIFICAT	rion	
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		İ		1		1		PRODUC Title	CTION ANALYS	<u>T</u>	

5/23/01 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. MAY 18, 2001 AWB Date Surveyed Signature & Seal of Professional Surveyor 01-11-0641 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641