DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 · DISTRICT II 1301 W. Grand Avenue, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

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

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Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

Revised October 12, 2005

Form C-102

C AMENDED REPORT

_			WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAY			
АР І 30–0	0	Pool Code Pool Name 96378 Wue: Delaware								
Property Code			<u> </u>	Well No	Well Number					
				1	1					
OGRID No.					Operator Nam	ne			Klevation	
14744	14744			MEWB	OURNE OIL	COMPANY		314.	3142'	
		·• · · · · · · · · · · · · · · · · · ·			Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Р	20	22 S	27 E		868	SOUTH	990	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 Acre	s Joint o	r Infill Co	l nsolidation	Code Or	der No.	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
40										
L		TII DE A	SCICNED	דה שעוכ	COMPLETION I	INITET ATT INTEE	POTO MAVE DI	PEN CONSOLIN	TED	
NO ALEX	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									
	<u> </u>			$\overline{\Gamma}$			OPERATO	OR CERTIFICAT	TION	
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	1						contained here	rtify that the inform in is true and comp	lete to	
	ĺ				,		this organizatio	knowledge and belief n either owns a work	ring	
	,						land including	ased mineral interest the proposed bettem i	tole	
					,		owner of such	nt to a contract with a mineral or working	interest,	
							compulsory poo	ry pooling agreement ling order heretofore	entered by	
				⊢ —	<u> </u>		-11	۸.		
	'						4 Prust	: Chaen	11/15/14	
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	ĺ]		correct to th	e best of my belie	^r	
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	I						Date Surveye			
				- -			Signature &		j	
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						111		San, SURVEY SITU		
								COZHRA		

District I 1625 No French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resource May 2 1301 W. Grand Avenue, Sia, NM 88210													
District I					State	of Nev	v Mex	ico	4	<i>જર</i> ્		Form C-101	
1625 Ni French Dr., Hobbs, NM 88240					ergy Minera			l'Resou	rc My a	7	<u> </u>	Max: 27, 2004	
	District II 1301 W. Grand Avenue, Sia, NM 88210						Ć	Sision	RECEIVED ARTE		[4	, ,	
District III					Oil Cons	servati	on Div	dision	ADVED	Suom	w p approp	oriate District Office	
1000 Rio Bra District IV	zos Road, A	ztec, NM	10		1220 So	iservation Division Output Submission appropriate Distriction S				ENDED REPORT			
1220 S. St. F	rancis Dr., S	anta re, N	M 87505		Santa	a Fe, NM 87505° \(\times \tin \times \times \times \times \times \times \times \times \times				ENDED REPORT			
	-							11	10	12/			
APPL	ICATI	ON FO	R PERMIT			ENTE	R, DE	EPEN	*PLUGBA		OR AD	D A ZONE	
									14744				
			Mewbourne Of Po Box	5270 · · ·	/				30 - 015-3	3 API Number 30 - 015-34230			
⁵ Prone	rty Code		Hobbs, NM	88240	³ Property	Name				° Well No.			
11000	34969				Pecos River 20					1			
		9	Proposed Pool 1		recos Kiv	10 20			10 P ₁₀	posed P	Pool 2		
		u	Delaws	are					110	poscu i	0012	1	
			4)		⁷ Surface	Locati	on						
UL or lot no.	Section	Township	Range	Lot			North/So	uth line	Feet from the	East/West line County			
P	20	22S	27E		86		S		990	E		Eddy	
			^{№8} Prope	osed Bot	tom Hole Loca	ation If I	Differen	t From S	urface				
UL or lot no.	Section	Township	Range	Lot			North/So		Feet from the	Fas	st/West line	County	
020.00									1 det mont and		or 1, out line	001211	
•				Ad	lditional We	ell Info	rmatio	n .		•			
	Type Code		12 Well Type Co	de		e/Rotary		¹⁴ L	ease Type Code		15 Grou	md Level Elevation	
	N			G 1			P				3128'		
	ultiple No		¹⁷ Proposed Dep 5000'	th	h 18 Form Dela				¹⁹ Contractor TBA		²⁰ Spud Date ASAP		
•				ł		1071							
	²¹ Proposed Casing and Cement Program												
Hole S	ize	Ca	sing Size	Casing	g weight/foot	Setting Depth Sack		Sacks of C	Sacks of Cement Estimated		Estimated TOC		
					.,								
Describe 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. MOC has attempted a non-commercial zone in the Morrow at 11518' to 11540' (set a temporary plug at 11475'). MOC attempted a non-commercial zone in the Atoka at 10736' to 10748'. MOC will set a temporary plug at 10700' to temporary abandon the Atoka. Then will set a temporary plug at 8780' to temporary isolate the Wolfcamp at 8804'. Then will set a plug at 6800' in accordance with OCD orders, then MOC will Perforate and test the Delaware perfs at 4665' to 4695'. A 7 1/16" – 5000 BOP will be installed on wellhead during all operations. MOC has researched the area for possible H2S problems. Although no problems were found, H2s monitors will be on location during operations. Attached is a new C102, 2 wellbore schematics (1 actual and 1 planned) and MOC Plug/Completion procedure.													
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit □, or an (attached) alternative OCD-approved plan □.					OIL CONSERVATION DIVISION Approved by: BRYAN G. ARRANT Title: DISTRICT II GEOLOGIST								
Printed name:		en – V	U ·····	-1	~	Title:			_			HST 0 2007	
Title: Hobbs	Production			V		Approv	al Date	QV 1	7 2006 1	Expirati	ion Date:	OV 2 0 200%	
E-mail Addres	ss:						N	10 b & ") E084				
Date: 11/15/0	16		Phone:			Conditio	ons of Ap	proval Atta	ched				

Submitted By: R. Terrell

Wellname: Pecos River "20" # 1

Location: 868' FSL & 990' FEL
Sec 20, T22S, R27E
Eddy Co. NM

Eddy Co, NM

Date: 11/14/06

Csg Set: _11,920' Packer Type: _2 3/8" 1X

PBTD: _+/- 11,440' Packer Depth: _10,593'

 Csg Size:
 4-1/2" 11.6# HCP-110
 Min ID:
 1.875"

 Tbg Size:
 2 3/8" 4.7# L-80 EUE
 Existing Perfs:
 Atoka 10,736'-48'

DV Tool: None **New Perfs**: 4,665'-4695'

Procedure:

1. Lay down 2 3/8" production tubing.

- 2. Set 4 ½" CIBP @ 10,700' (Atoka Lime producing @ 10,736'-10,748') and put 35' cement on plug. Set another 4 ½" CIBP @ 8,780' (Top of Wolfcamp @ 8,804') and put 35' cement on plug.
- 3. Cut off 4 1/2" Casing @ 8,040' (Top of Cement behind 4 1/2" @ 8,170').
- 4. Pull 4 1/2" Casing and lay it down.
- 5. Set 7" BP @ 6,800' and put 35' cement on plug.
- 6. Test Delaware @ 4,665'-4,695'

Spud Date: 09/07/06 Spud Date: 09/07/06		
Spud Date: 09/07/06	.\	
6 0 200 F	3 Mewbouri	ne Oil Company
© OCO TECEIVE	23)	
ARTEC A	Well Name	Pecos River 20 # 1
Spud Date: 09/07/06	Prepared b	by: R. Terrell 11/14/06
		10/24/06 Perforate Morrow @ 11,518-540 22' 84 holes w/ TCP Swab tested zone. Zone is wet.
1505 62 84		10/25/06 Set 4 ½" CIBP @ 11,475' and dumped 35' cement on plug
		10/26/06 Move tbg setting depth of EOT @ 10,631'
17 1/2x13 3/8" 48# H-40		10/27/06 Perforate Atoka Lime @ 10,736'-748' 12' 25 holes
Set @ 415'		Broke perfs w/ pump truck. 1 BPM @ 5300# 11/01/06 Acidize Atoka Perfs @ 10,736'-748' w/ 10,000 gals 15%
Cement to surface: 68 sks		NeFe HCI
	+ !	
		The state of the s
12 1/4x9 5/8" 40# J55 & N80		
Set @ 2005'		4
Cement to surface: 85 sks		
		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
TOC @ 8170' behind 4 1/2"		
TOC @ 8170 Definite 4 1/2		
71.00 / D.140		
7" 26# P110 Set @ 8860'		
Cement did not Circ.		-
×xxx ¶	EOT @ 1	0.631'
		,
Atoka Lime @ 10,736'- 10,748' o		
12' 25 holes o		
0		Tbg detail as of 09/11/04 KB 17.00
	1	WLEG 0.44
35' Cement on Plug PBTD @ 11,440' CIBP @ 11,475' xxxx CIBP x	1 2XXX 1	2 3/8" SN 1.10 2 3/8" 4.7# L-80 32.41
	1	2 3/8"x4 ½" 1X Pkr 6.27
Morrow @ 11,518' - 11,540' o 22' 84 holes o	1 327	2-3/8" MC O/O Tool w/ 1.875" "X" 1.58 2 2 3/8" 4.7# L-80
	327	EOT @ 10630.69
4-1/2" 11.6# HCP-110 PBTD @ 11,881' Set @ 11,920'		

Mewbourne Oil Company

Well Name Pecos River 20 # 1 Prepared by: R. Terrell 11/14/06 Spud Date: 09/07/06 17 1/2x13 3/8" 48# H-40 Set @ 415' Cement to surface: 68 sks 12 1/4x9 5/8" 40# J55 & N80 Set @ 2005' Cement to surface: 85 sks Delaware Perfs @ 0 4,665'-4,695' o 0 0 7" 10K BP @ 6800 w/ 35' cement | xxxxxxxxx CIBP xxxxxxxxxx TOC @ 8170' behind 4 1/2" 4 1/2" Csg Cut-Off @ 8040' 7" 26# P110 Set @ 8860' Cement did not Circ. xxxx CIBP x: xxxx CIBP @ 8170' w/ 35' cement xxxx CIBP xxxxx CIBP @ 10,700 w/ 35' cement Atoka Lime @ 10,736'- 10,748' 0 12' 25 holes 0 as of 09/11/04 Tbg detail KΒ 17.00 WLEG 0.44 1 1.10 35' Cement on Plug PBTD @ 11,440' 2 3/8" SN xxxx CIBP xxxx 2 3/8" 4.7# L-80 32.41 CIBP @ 11,475' 2 3/8"x4 1/2" 1X Pkr 6.27 2-3/8" MC O/O Tool w/ 1.875" "X" Morrow @ 11,518' - 11,540' 1.58 327 2 3/8" 4.7# L-80 10571.89 22' 84 holes 10630.69 EOT@ 4-1/2" 11.6# HCP-110 PBTD @ 11,881' Set @ 11,920'