District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street Artesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

AMENDED REPORT

PO BOX 2088, Santa Fe, NM 87504-2088

				and Address				ON TO TR	OGRID N	ımber
MACK ENERGY CORPORATION P.O. BOX 960						013837				
		ARTE		1 88211-0!	960					•
API Nun	nber				Pool 1	Name			NW	Pool Code
30-015-3						re Yeso				96210
Property (Code					y Name				Well Number
02104	14				Continen	ital A State				9
. Surfac	e Loca	ation								
L or lot no. Section	on Tov	vnship	Range	Lot. Idn	Feet from the	e North/Sor	ith Line	Feet from the	East/West L	ine County
E-2 30		178	29E		2310	Nor	th	580	West	Eddy
	n Hole				1 6 . 6 . 3			£ 6 at	T = 101 - 1	
L or lot no. Section	on To	wnship	Range	Lot. Idn	Feet from th	ic North/So	uth Line	Feet from the	East/West L	ine County
.ease Code Proc	ducing Met	hod Code	Gas Co	onnection Da	C-129	Permit Number		-129 Effective I	Pate 1	C-129 Expiration Date
S	P	mos cosc	03 C	Jimeetton 194	"		`	127 2		e 127 Expiration Date
. Oil and		anspor	rters			·				
Transporter		Tra	ansporter Nar	ne	T	POD	O/G		POD ULSTR I	
OGRID	Navaio		and Address Compan	v		971117			and Descri	priori
015694	P.O. Bo		, Compan	y		2821113	0	Unit	C Sec 30-	Γ17S-R29E
			211-0159			1.0				***
009171	}		eld Servic	е		2821114	G		~~ ^^	
	4001 Pe	nbrook TX 797	62					Unit C Sec 30-T17S-R29E		
	Odessu,	174 777							:1	25255037
									18260	4 3
										41 1.5
						- 1 A A			- 7 <u>2</u>	<i>iii</i>
									25 Co	RECEIVED 3
									0C/ 25.25.25	RECEIVED S
/. Produced	Water	-							27. OCL	RECEIVED ARTESTA
/. Produced	i Water				PC	DD ULSTR Locate	on and D	escription	22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	RECEIVED ARTESIA
		-				DD ULSTR Locate Unit C Sec 30		-	27 OCL	RECEIVED ARTESTA
2821115 . Well Com	s pletion					Unit C Sec 30		R29E	002	Segretary S
POD 2821115	s pletion		Ready D	atc				-	002	RECEIVED ARTESTA Perforations
2821115 - Well Com Spud Da 5/14/0	npletion		6/8/0	2	4:	Unit C Sec 30	-T17S-I	PBTD 4351'		Perforations 3941-4210'
2821115 . Well Com Spud Da 5/14/0	inpletion atte 12 e Size		6/8/0	2 Ising & Tubir	4:	Unit C Sec 30	T17S-I	PBTD 4351'		Perforations 3941-4210' sacks Cement
2821115 2821115 :Well Com Spud Da 5/14/0 Hole	npletion on the order of the or		6/8/0	sing & Tubir	4:	Unit C Sec 30	-T17S-I Depth Se 329'	PBTD 4351'		Perforations 3941-4210' sacks Cement 325 sx
2821115 Well Com Spud Da 5/14/0 Hole 17	pletion 12 Size 1/2		6/8/0	12 sing & Tubir 13 3/8 8 5/8	4:	Unit C Sec 30	-T17S-I Depth Se 329' 798'	PBTD 4351'		Perforations 3941-4210' sacks Cement 325 sx 475 sx
2821115 2821115 . Well Com Spud Da 5/14/0 Hole	pletion 12 Size 1/2		6/8/0	sing & Tubir	4:	Unit C Sec 30	-T17S-I Depth Se 329'	PBTD 4351'		Perforations 3941-4210' sacks Cement 325 sx
2821115 Well Com Spud Da 5/14/0 Hole 17	pletion 12 Size 1/2		6/8/0	12 sing & Tubir 13 3/8 8 5/8	4:	Unit C Sec 30	-T17S-I Depth Se 329' 798'	PBTD 4351'		Perforations 3941-4210' sacks Cement 325 sx 475 sx
2821115 7. Well Com Spud Da 5/14/0 110le 17 12 7.7	ppletion ate 02 e Size 1/2 1/4 7/8	Data	6/8/0 Ca	13 3/8 8 5/8 5 1/2 2 7/8	4.	Unit C Sec 30	Depth Se 329' 798' 4366'	PBTD 4351'		Perforations 3941-4210' sacks Cement 325 sx 475 sx
2821115 . Well Com Spud Da 5/14/0 Hole 17 12	ppletion ate 02 e Size 1/2 1/4 7/8	Data	6/8/0	13 3/8 8 5/8 5 1/2 2 7/8	4:	Unit C Sec 30	Depth Se 329' 798' 4366' 4236'	PBTD 4351'	S	Perforations 3941-4210' sacks Cement 325 sx 475 sx
2821115Well Com Spud Da 5/14/0 Hole 17 12 7.7 71. Well Tes Date New C 6/12/02	ppletion ate 22 Size 1/2 1/4 7/8	Gas Deli	6/8/0 Ca ivery Date 2/02	13 3/8 8 5/8 5 1/2 2 7/8	4. A sign Size	Test Le	Depth Se 329' 798' 4366' 4236' ength	PBTD 4351' t	S	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx
Spud Date New Control of the New	ppletion ate 22 Size 1/2 1/4 7/8	Gas Deli	6/8/0 Ca ivery Date 2/02	13 3/8 8 5/8 5 1/2 2 7/8	st Date 22/02	Test Le	Depth Se 329' 798' 4366' 4236' ength	PBTD 4351'	S	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure
POD 2821115 . Well Com Spud Da 5/14/0 Hole 17 12 7 7 7 /I. Well Tes Date New C 6/12/02 Choke Size	ppletion atc 22 c Size 1/2 1/4 7/8	Gas Deli	6/8/0 Ca ivery Date 2/02 bil	13 3/8 8 5/8 5 1/2 2 7/8	st Date 22/02 Vater 250	Test Le	Depth Se 329' 798' 4366' 4236' ength	PBTD 4351' t	S	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure
2821115 . Well Com Spud Da 5/14/0 Hole 17 12 7.7 1. Well Tes Date New C 6/12/02 Choke Size hereby certify that with and that the infe	ppletion ate 22 2 Size 1/2 1/4 7/8 st Data Dil	Gas Deli 6/12	6/8/0 Ca ivery Date 2/02 Dill 39	13 3/8 8 5/8 5 1/2 2 7/8	st Date 22/02 Vater 250 cen complied	Test Le 24 hou Gan 184	717S-1 20cpth Sc 329' 798' 4366' 4236' ength	PBTD 4351' Tbg. Pr	cossure Dir	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure Test Method P
POD 2821115Well Com Spud Da 5/14/0 Hole 17 12 7.7 1. Well Tes Date New C 6/12/02 Choke Size hereby certify that with and that the infinomoledge and belief	ppletion ate 02 2 Size 1/2 1/4 7/8 St Data Dil	Gas Deli 6/12	6/8/0 Ca ivery Date 2/02 Dill 39	13 3/8 8 5/8 5 1/2 2 7/8	st Date 22/02 Vater 250 cen complied	Test Le 24 hou Gair 184	717S-1 20cpth Sc 329' 798' 4366' 4236' ength	PBTD 4351' Tbg. Pr AC	cssurc DIF	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure Test Method P
POD 2821115Well Com Spud Da 5/14/0 Hole 17 12 7.7 71. Well Tes Date New C 6/12/02 Choke Size I hereby certify that with and that the infenoveduge and belief Signature:	ppletion atc 2 Size 1/2 1/4 7/8	Gas Deli 6/12 Co 13 Tibe Oil Coven above is	6/8/0 Ca ivery Date 2/02 Dill 39 inservation D is true and cor	13 3/8 8 5/8 5 1/2 2 7/8	st Date 22/02 Vater 250 cen complied	Test La 24 hou Son 184	717S-1 20cpth Sc 329' 798' 4366' 4236' ength	PBTD 4351' Tbg. Pr	cssurc DIF	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure Test Method P
POD 2821115 - Well Com Spud Da 5/14/0 Hole 17 12 7 7 7 7 7 T. Well Tes Date New C 6/12/02 Choke Size hereby certify that with and that the infraction of the control of	ppletion atc 2 Size 1/2 1/4 7/8	Gas Deli 6/12	6/8/0 Ca ivery Date 2/02 Dill 39 inservation D is true and cor	13 3/8 8 5/8 5 1/2 2 7/8	st Date 22/02 Vater 250 cen complied	Test Le 24 hou Gair 184	717S-1 20cpth Sc 329' 798' 4366' 4236' ength	PBTD 4351' Tbg. Pr AC	cssurc DIF	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure Test Method P
POD 2821115Well Com Spud Da 5/14/0 Hole 17 12 7.7 I. Well Tes Date New C 6/12/02 Choke Size Choreby certify that with and that the infiknowledge and belief	ppletion atc 22 E Size 1/2 1/4 7/8 St Data Dil	Gas Deli 6/12 Crissa D.	6/8/0 Ca ivery Date 2/02 Dill 39 inservation D is true and cor	13 3/8 8 5/8 5 1/2 2 7/8	st Date 22/02 Vater 250 cen complied	Test La 24 hou Son 184	717S-1 20cpth Sc 329' 798' 4366' 4236' ength	PBTD 4351' Tbg. Pr AC	essure DIF TON DIT DISTINATION RVISOR	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure Test Method P
POD 2821115 - Well Com Spud Da 5/14/0 Hole 17 12 7 7 7 7 7 T. Well Tes Date New C 6/12/02 Choke Size hereby certify that with and that the infraction of the control of	ppletion atc 22 E Size 1/2 1/4 7/8 St Data Dil	Gas Deli 6/12 Crissa D.	6/8/0 Ca Every Date 2/02 Dil 39 Inservation D Strue and cor	13 3/8 8 5/8 5 1/2 2 7/8	st Date 22/02 Vater 250 zen complied st of my	Test Le 24 hou Gan 184	717S-1 20cpth Sc 329' 798' 4366' 4236' ength	PBTD 4351' Tbg. Pr AC	essure DIF TON DIT DISTINATION RVISOR	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure Test Method P
POD 2821115Well Com Spud Da 5/14/0 Hole 17 12 7.7 1. Well Tes Date New Co 6/12/02 Choke Size hereby certify that with and that the info	ppletior ate 1/2 1/4 7/8 st Data properties of formation gives of the rules of formation gives of forma	Gas Deli 6/12 Orissa D. Crissa D.	6/8/0 Ca ivery Date 2/02 Dil 39 Inservation D s true and con Carter Analyst Phone:	13 3/8 8 5/8 5 1/2 2 7/8 Test 6/ water state to the best of the b	st Date 22/02 Vater 250 Set complied st of my	Test Le 24 hot Gai 184 Approved by: Title: Approval Date:	717S-1 20cpth Sc 329' 798' 4366' 4236' ength	PBTD 4351' Tbg. Pr AC	cssure DIF TON DII BY TIM RVISOR	Perforations 3941-4210' sacks Cement 325 sx 475 sx 910 sx Csg. Pressure Test Method P

Submit ... Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 8824

State of New Mexico
Energ. Ainerals and Natural Resources Department

CIST	Form C-105 Revised I-I-89
(<u>Z</u> 0')	
"A.1	1.70

DISTRICT I		O T T	~~~			-	~~~~	WE	LL API NO.	- 18	1	ck
P.O. Box 1980, Hobbs, 1	NM 88240	OIL	CONS	SERVATION 2040 South Pach		DIAR	SION	30-	015-32302		PD.X	hal
DISTRICT II 811 South First, Artesia	a, NM 88210	:	Santa F	Fe, New Me		87505	5	5.	Indicate Typ		ATE X	FEE
DISTRICT III 1000 Rio Brazos Rd., A	ztec, NM 87410								State Oil & Ga 4201	s Lease No.		
WELL C	OMPLETION	OR REC	COMPLE	TION REPOI	RT A	ND LOC	3	4.	. Pro Malacka		1 5 7 m	and the second
1. Type of Well: OIL WELL	GAS WELI		DRY 📗	OTHER		128293		7.	Lease Name			Varne
b. Type of Completion:				/3	50	4	1					
NEW WORK WILL OVER	Deepen [PLUG	\Box	DIFF RESVR DER	ı	Air 🔻		ا ، - نی				
2. Name of Operator			<u> </u>	<u>жезук</u> П (4	=	1600	·2		ntinental A	State		
•	mtion /			19	UCD	CEIVE	· č	9	Well No.			
Mack Energy Corpor 3. Address of Operator	ation					7/2/20	,		Pool name o	r Wildcat		
P.O. Box 960, Artesia	a, NM 88211-0	960						En	pire Yeso			
Unit Letter	E : 2310	Feet I	From The	North		Line an	ıd	580	Feet Fr	om The	W	est Line
Section	30	Town	ship	17S R	tange	29	PΕ	NMP	м	Eddy		County
10. Date Spudded 5/14/02	11. Date TD Reac 5/23/02	hed	12. Date C	ompl. (<i>Ready to Pr</i> 6/8/02	rod.)	13.	Elevation	-	RKB, RT; GR	etc.)	14. Elev.	Casinghead 3664'
15. Total Depth	16. Plug B			17. If Multiple Compl. I- Many Zones?	How		18. Inter Drille		Rotary Tools		Cable	Γools
4376'		4351'					Unite	жі ву	Ye			
19. Producing Interval(s), 3941-4210' Paddock	of this completion	- Top, Bot	ttom, Name						2	0. Was Dire	ctional Su Yes	
21. Type Electric and Oth	_								22. Was Wel	1 Cored		
Gamma Ray, Neutror	n, Density, Late	ralog, Sp	ectral Ga	mma Ray							No	
23.		CAS	ING RE	CORD (Rep	oort	all stri	ngs set	in we	ell)			
CASING SIZE	WEIGHT L			ГН SET		LE SIZE			ENTING RI	CORD	AM	OUNT PULLED
13 3/8	48			29'	1	7 1/2			325 sx			None
8 5/8	24			98'		2 1/4			475 sx		_	None
5 1/2	17		4.	366'		7 7/8			910 sx		-	None
24.			R RECO	RD				25.	TUI	SING RE	CORD	
SIZE	ТОР	BOT	том	SACKS CEMEN	NT	SCREI	EN		SIZE	DEPTH		PACKER SET
		 						2	7/8	423	6'	
26. Perforation record	d (interval size	2 0 0 0 0 0 0		<u> </u>		27 AC	ID SUC	YT ED	ACTURE	CEMEN	T COI	JEEZE, ETC.
20. Ferioration record	u (IIIICI vai, Sizi	s, and nu	uiloer)		ŀ		INTERV					ERIAL USED
	3941-421	0', .43, 7	2		Ì	3941-421			2000 gals 1			EIGAE OSED
		, ,			į	3941-421	0'					0 gals 40# gel
						3941-421	10'		5000 gals 1			
28.	···			PRODUCT						,		
Date First Production	j	Production	n Method (Flowing, gas lift, p	•	~	type pun	ip)		Well Sta	,	. or Shut-in)
6/12/02 Date of Test	Hours Tested	Ch	oke Size	2 1/2x2x Prod'n For		ump il - Вы.	Co	s - MCF		ater- Bbl.	Produ	Gas - Oil Ratio
6/22/02	24 hours	"	ORC 512.C	Test Period	1	139	ا	184		250		1324
Flow Tubing Press.	Casing Pressure	Ca	Iculated 24	- Oil - Bbl.		Gas - M	CF		r- Bbl.		vity - AP	1324 I - (Corr.)
1		Ho	our Rate	139		184	- 12	250		38	-	, ,
29. Disposition of Gas (Si	old, used for fuel, v	ented, etc.)		<u> </u>		I			Test Wi	nessed By		· · · · · · · · · · · · · · · · · · ·
Sold 30. List Attachments										Kobe	rt C. Ch	ase
Deviation Survey, Lo	ops.											
31. I hereby certify ha		shown on	both side	es of this form is	true d	and compl	ete to the	e best of	f my knowle	dge and be	lief	
Signature	s). D.	or J.		rinted C	rissa	D. Carter		Title _	Production	on Analys	t Date	7/30/02

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

		Southeaste	rn New Mexico North	western	New N	Aexico		
T. Anhy			T. Canyon		T. Ojo A	Alamo 🗕		T. Penn. "B"
			T. Strawn		T. Kirtla	ınd-Fruit	land	T. Penn. "C"
B. Salt			T. Atoka				S	
T. Yates		768	T. Miss		T. Cliff	House _	- -	T. Leadville
T. 7 Rive	rs	1040	T. Devonian		T. Mene	fee		T. Madison
T. Queen			T. Silurian					
T. Grayb	urg		T. Montoya		T. Mano	cos		T. McCracken
T. San Ai	ndres	2354	T. Simpson		T. Gallu	ıp		T. Ignacio Otzte
T. Glorie	ta	3808	T. McKee	•				
T. Paddo	ck		T. Ellenburger					T
			T. Gr. Wash					T
T. Tubb			T. Delaware Sand		T. Todil	to		T
T. Drinka	ard		T. Bone Springs		T. Entra	ıda		т.
T. Abo			T		T. Wing	ate		Т.
T. Wolfc			T		T. Chin	le		T
T. Penn_			T		T. Perm	ain		T
T. Cisco			T					T
No 1 fm	om		OIL OR					to
			·····to······					to
No. 2, fro	om		to		•••••	• • • • • • • • • • • • • • • • • • • •	feet	
			LITHOLOGY RECOF	RD (Atta	ach add	litional	sheet if ne	cessary)
From	То	Thickness in Feet	Lithology		From	То	Thickness in Feet	Lithology



Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors PO Box 1370 505/746-6651

Artesia. NM 88211-1370 746-3518

fax 748-2205



Mack Energy Corporation PO Drawer 960 Artesia, NM 88211-0960

RE:

医外部性动物 医皮肤 医胸门囊型心底的

Continental State A #9 2310' FNL & 580' FWL Sec. 30, T17S, R29E **Eddy County, New Mexico**

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
335'	3/4°	2380'	1 1/2°
602'	1°	2755'	1 1/2°
806'	1°	3252'	1 1/2°
1098'	1°	3688'	1 1/2°
1409	1°	4095'	1°
1909'	1°	4376'	1°

Very truly yours,

Eddie C. LaRue Vice President

STATE OF NEW MEXICO **COUNTY OF EDDY**

The foregoing was acknowledged before me this 29th day of May, 2002.

Notary Public



Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department



J. 190	Revised 1-1-89
L API NO.	
015-32302	
dianta Tuna afil assa	

_ DATE -

DISTRICT I P.O. Box 1980, Hobbs NM 88240	OIL CONSERV	ATION DIV South Pacheco	ISION	WELL API NO. 30-015-32302		
DISTRICT II 811 South First, Artesia, NM 88210	Santa Fe, Ne	w Mexico 875	05	5. Indicate Type of Le	ase	
DISTRICT III					STATE 🛛	FEE
1000 Rio Brazos Rd, Aztec, NM 87410				6. State Oil & Gas Lea E-4201	ase No.	
SUNDRY NO	TICES AND REPORTS	ON WELLS				
•	SERVOIR. USE "APPLICATIO	ON FOR PERMIT"		7. Lease Name or Uni	t Agreement Name	· · · · · · · · · · · · · · · · · · ·
1. Type Of Well:	M C-101) FOR SUCH PROPOSA	ALS). 262721	3293037			
OIL GAS WELL	OTHER	2012	1	Continental A Stat	e	
2. Name of Operator Mack Energy Corporation >		Or PEC		8. Well No.		
3. Address of Operator	<u> </u>	An	VED	9. Pool name or Wild	cat	
P.O. Box 960, Artesia, NM 88211	-0960	'''	ESM	Empire Yeso		
Unit Letter E :23	10 Feet From The	North Li	ne and 58	Feet From Th	eWest	Line
30	Tanaskia 17S	D	29E	arrama I	Eddy	
Section	rownsnip	Range w whether DF, RKB, F 3664' GR		NMPM I	Sudy	County
	Appropriate Box to In		f Notice Re	enort, or Other D	ata	
NOTICE OF IN				SEQUENT REF		
PERFORM REMEDIAL WORK	PLUG AND ABANDO	N REMED	IAL WORK	☐ AL	TERING CASING	
TEMPORARILY ABANDON	CHANGE PLANS	СОММЕ	NCE DRILLING	OPNS. PL	.UG AND ABANDO	ONMENT [
PULL OR ALTER CASING		CASING	TEST AND CE	MENT JOB		
OTHER:	· · · · · · · · · · · · · · · · · · ·	OTHER		Completion	1	[
12. Describe Proposed or Completed	Operations (Clearly state all pe	ertinent details, and give	pertinent dutes, in	cluding estimated date of s	tarting any proposed	
06/03/2002 Drill out DV tool.						
06/04/2002 Perforated from 3941-	4210' 72 holes.					
06/05/2002 Acidized w/2000 gals						
06/06/2002 Reacidized w/32,000 g 06/08/2002 RIH w/2 7/8" J-55 tubi				4500 gals fresh water	er.	
00/00/2002 IMI W/2 //0 0 00 tabl	ng 155 journs 511 (b) 1255	, 10112 1/2 x 2 x 1	o pamp.			
Thereby certify that the information above is to	le and complete to the best of my kno	owledge and belief.	Productio	n Analyst	7/3	30/02
SIGNATURE ((272)		TITLE			_ DATE	
TYPE OR PRINT NAME		ssa D. Carter			TELEPHONE NO	
(This space for State Us		WED BY TIM W.	GUM		#6~1	2000
[]/IX	DISTRICT II SU	TERTION			-1	411

TITLE _

APPROVED BY-

Submit	3	Copies	s
to App	ю	priate	
Thistory		~ ACT	

CONDITIONS OF APPROVAL, IF ANY:

State of New Mexico

-!/	
015/1	Form C-103 Revised 1-1-8

SUNCRY NO (DO NOT USE THIS FORM OR PR DIFFERENCE S (FORM) 1. Type Of Well: OIL	TICES AND REPORTS COPPOSALS TO DELL' OR TO	ON WELLS EPEN OR PLUG BACK FOR PERMIT" S). Orth Line ar Range 29 whether DF, RKB, RT, G 3664' GR Icate Nature of N REMEDIAL COMMENCE	Continental 8. Well No. 9 9. Pool name Empire Yes 10. Seet 10. Notice, Report, or Of SUBSEQUEN	ype of Lease STATE FEE Gas Lease No. The or Unit Agreement Name I A State From The West Line Eddy County
SUNCRY NO (DO NOT USE THIS FORM FOR PR DIFFERENCE S (FORM) 1. Type Of Well: OIL	OPECETIVE SIA STATESIA STATESI	ON WELLS EPEN OR PLUG BACK FOR PERMIT* S). Orth Line ar Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	Continental 8. Well No. 9 9. Pool name Empire Yes Mod 580 Feet NMPM GR, etc.) Notice, Report, or Of SUBSEQUEN WORK EDRILLING OPNS.	STATE SET FEE SET GAS Lease No. The or Unit Agreement Name I A State From The West Line Eddy County Ther Data T REPORT OF: ALTERING CASING
SUNCRY NO (DO NOT USE THIS FORM FOR PR DIFFERENCE S (FORM) 1. Type Of Well: OIL	OPECETIVE SIA STATESIA STATESI	ON WELLS EPEN OR PLUG BACK FOR PERMIT* S). Orth Line ar Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	Continental 8. Well No. 9 9. Pool name Empire Yes Mod 580 Feet NMPM GR, etc.) Notice, Report, or Of SUBSEQUEN WORK EDRILLING OPNS.	Gas Lease No. The or Unit Agreement Name I A State From The West Line Eddy County ther Data T REPORT OF: ALTERING CASING
I. Type Of Well: OIL GAS WELL 2. Name of Operator Mack Energy Corporation 3. Address of Operator P.O. Box 960, Artesia, NM 88211- 4. Well Location Unit Letter E: 231 Section OTHER: 12. Describe Proposed or Completed	OPOSALS TO DEPLOR TO DE ERVOIR. USE APPLICATION OF HOTOLOGICAL SUCH PROPOSALS OTHER OPER TOWNShip 17S Township 17S 10. Elevation (Show of the Control of	orth Line ar Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	Continental 8. Well No. 9 9. Pool name Empire Yes Mod 580 Feet NMPM GR, etc.) Notice, Report, or Of SUBSEQUEN WORK E DRILLING OPNS.	I A State or Wildcat so From The West Line Eddy County ther Data T REPORT OF: ALTERING CASING
I. Type Of Well: OIL S GAS WELL 2. Name of Operator Mack Energy Corporation 3. Address of Operator P.O. Box 960, Artesia, NM 88211- 4. Well Location Unit Letter E : 2311 Section OTHER: 12. Describe Proposed or Completed	OTHER OPEN TOWNSHIP TOWNSHIP 17S 10. Elevation (Show we show to Inditent to Indiana.	orth Line ar Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	Continental 8. Well No. 9 9. Pool name Empire Yes Mod 580 Feet OE NMPM GR, etc.) Notice, Report, or Ot SUBSEQUEN WORK E DRILLING OPNS.	I A State or Wildcat so From The West Line Eddy County ther Data T REPORT OF: ALTERING CASING
OIL WELL 2. Name of Operator Mack Energy Corporation 3. Address of Operator P.O. Box 960, Artesia, NM 88211- 4. Well Location Unit Letter E : 2311 Section 30 11 Check A NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	0960 Township 17S 10. Elevation (Show vector) Appropriate Box to Individual TENTION TO: PLUG AND ABANDON	Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	8. Well No. 9 9. Pool name Empire Yes od 580 Feet OE NMPM GR, etc.) Notice, Report, or Of SUBSEQUEN WORK E DRILLING OPNS.	From The West Line Eddy County ther Data T REPORT OF: ALTERING CASING
2. Name of Operator Mack Energy Corporation 3. Address of Operator P.O. Box 960, Artesia, NM 88211- 4. Well Location Unit Letter E : 2311 Section 30 Check A NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	Township 17S 10. Elevation (Show volume and Individual Control Contro	Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	9 9. Pool name Empire Yes 10 10 10 10 10 10 10 10 10 10 10 10 10	From The West Line Eddy County ther Data T REPORT OF: ALTERING CASING
3. Address of Operator P.O. Box 960, Artesia, NM 88211- 4. Well Location Unit Letter E : 2311 Section 30 Check A NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	Township 17S 10. Elevation (Show volume and Individual Control Contro	Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	9. Pool name Empire Yes 10d 580 Feet 10E NMPM 10R, etc.) 10SUBSEQUEN 10WORK 10E DRILLING OPNS.	From The West Line Eddy County ther Data T REPORT OF: ALTERING CASING
4. Well Location Unit Letter E : 231 Section 30 11 Check A NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	Township 17S 10. Elevation (Show volume and Individual Control Contro	Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	DE NMPM GR, etc.) Notice, Report, or Ot SUBSEQUEN WORK E DRILLING OPNS.	From The West Line Eddy County ther Data T REPORT OF: ALTERING CASING
Section 30 Check A NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	Township 17S 10. Elevation (Show of the short of the sho	Range 29 whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	OE NMPM GR, etc.) Notice, Report, or Of SUBSEQUEN WORK E DRILLING OPNS.	Eddy County ther Data T REPORT OF:
NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	10. Elevation (Show v Appropriate Box to Indi TENTION TO: PLUG AND ABANDON	whether DF, RKB, RT, G 3664' GR cate Nature of N REMEDIAL COMMENC CASING TE	GR, etc.) Notice, Report, or Of SUBSEQUEN WORK E DRILLING OPNS.	ther Data T REPORT OF:
NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	Appropriate Box to Indi TENTION TO: PLUG AND ABANDON	REMEDIAL CASING TE	Notice, Report, or Of SUBSEQUEN WORK E DRILLING OPNS.	ther Data T REPORT OF: ALTERING CASING
NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	FENTION TO: PLUG AND ABANDON	cate Nature of N REMEDIAL COMMENC CASING TE	SUBSEQUEN WORK E DRILLING OPNS.	T REPORT OF: ALTERING CASING
NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	FENTION TO: PLUG AND ABANDON	REMEDIAL COMMENC	SUBSEQUEN WORK E DRILLING OPNS.	T REPORT OF: ALTERING CASING
TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed		COMMENC CASING TE	E DRILLING OPNS.	
PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed	CHANGE PLANS	CASING TE		PLUG AND ABANDONMENT
OTHER: 12. Describe Proposed or Completed		┌ ¬	ST AND CEMENT JOB	
12. Describe Proposed or Completed		OTHER		 '
			Spud and C	Cement Casings
	Operations (Clearly state all pertin	nent details, and give pert	inent dates, including estimated	date of starting any proposed
05/14/2002 Spud 17 1/2" hole @ 2: w/325 sx Class C, 2% CC, circ 28 sx 05/15/2002 TD 12 /14" hole @ 11:0 salt, tail in w/200 sx Class C, 2% CC 05/23/2002 TD well 4372', log well 05/24/2002 Finish logging, RIH 5 1 2nd stage lead 500 sx 35/65/6, 1/4# casing to 600# for 20 minutes, held 0	x, plug down @ 11:00 PM. V 00 PM, RIH w/19 joints 8 5/ C, circ 20 sx, plug down @ 4 /2" 17# 102 joints LT&C @ CF, tail in w/250 sx 50/50/2	WOC 18 hours teste 8" 24# K-55 ST&C 1:00 AM. WOC 12 2 4366', Cemented 1	ed casing to 1800# for 3 C set @ 798', Cemented hours tested casing to 6 lst stage w/160 sx 50/50	30 minutes, held OK. w/275 sx 35/65/6, 1/4# CF, 6# 600# for 20 minutes, held OK. D Poz, 2% gel, 5# salt, .5% FL25,
I hereby certify that the information above is true SIGNATURE TYPE OR PRINT NAME (This space for State Use)	Crissa	odge and belief. TITLE a D. Carter	Production Analyst	DATE

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street Artesia, NM 88210-1404

State of New Mexico Energy, Minerals & Natural Resourses Department

SREvised February 10, 1994

structions on back

District III		.0210 1.01	C		PO Box 2	088	ION	July G	m toyyan Xxx		ease 56 Copie	je es
1000 Rio Brazos	Rd, Aztec, N	IM 87410		Santa	Fe, NM 87	7504-2088	· **		्द्र		ase - 5 Copie	es
District IV PO Box 2088, Sart	ita Fe, NM 8	7504-2088				293037		July .]AMENI	ED REPORT	•
APPLICA	TION I	FOR PE	RMIT	TO DRI	LL, RE-EN	TER DE	PEN,		K,		D A ZONE	Ε
			N		r Name and Adde y Corporation	ress / ièi	2533		?/		UD Number	
				P.O. E	3ox 960	10	5522	Z17075	}		013837 I Number	_
			A	rtesia, NM	I 88 211-0960				2		· 32302	
Prope	rty Code				Pro	operty Name			<u>> K</u>	<u> </u>	Well No.	_
02	1044				Conti	inental A State	2				9	
					Surface I	Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South I	ine F	ect from the	East/W	est line	County	_
X	30	17S	29E		2310	North		580	<u> W</u>	/est	Eddy	
L= 2		Pro	posed l	Bottom I	Hole Locati	ion If Diffe	erent l	From Surf	ace			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South	ine F	Feet from the	East/W	est line	County	
	<u>L</u>	Propo	sed Pool 1	<u> </u>	1	<u> </u>		Propose	d Pool 2			_
	En	npire; Ye	o 96	210								
Work To	ype Code		Well Type	Code	Cable	Rotary	1 7	ease Type Co	do T	Ground	Level Elevation	_
		Ì		Coul				_		Ciodila		
Mul	ltiple		O Proposed	Depth	Form	ation	<u></u>	S Contractor		s	3664' pud Date	_
N	-	1	4350	_	Pado	łock	<u> </u>	LaRue			4/30/02	
<u> </u>		L			Casing an		Prog				1750102	
Hole S	ize	Cas	ing Size		ng weight/foot	Setting D		· 1	f Cement		Estimated TOC	_
17 1/2	2	1:	3/8		48	300'		Ci	rc		Surface	
12 1/	4	8	5/8		24	800'		Sufficien	t to Cir	С	Surface	
7 7/8		5	1/2		17	4350		Sufficien	t to Cir	С	Surface	
				_					···			_
Describe the n	roposed pro	gram. If thi	application	is to DEEP	EN or PLUG BAC	K give the data	on the pr	resent productiv	e zone ar	nd proposed	new productive	_
	the blowou	t prevention	program, i	any. Use ad	ditional sheets if 1	necessary.	•	·			•	
					oses to drill to			_			un 8 5/8"	
casing and	d cement.	Drill to 4	350" and	test Paddoo	ck Zone, run 5	1/2" casing an	d ceme	nt. Put well	on prodi	uction.		
Note: Or	Producti	on string,	a fluid cal	iber will b	e run, will figu	re cement, wit	h 25%	excess, attem	pt to cir	rculate.		
		NS	ρ -	1854	4	A	101			د،		
I hereby certify						OI OI	L CO	NSERVA'	TION	DIVIS	ION	٦
of my knowledg Signature	e and behef /	ز / ا	رکے	1-A	. 97	<u> </u>		L SIGNED		W. QU		_
Printed name:		Crissa I). Carter	<u>u</u>	7	little:	STRIC	T 10 SUPER	VISOR-			_
Title:			n Analyst		- ,	Approval Date:	v 9 f	2002	Expintion	n Dstc	Y 2 0 2003	_
Date:			Phone:			Conditions of App	_			- 47	(06)	Н
	4/2/02			(505)748-	1288	Attached						

State of New Mexico

DISTRICT I P.C. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

DISTRICT IV

Energy, Minerale and Natural Resources Department

Form C-102 Revised February 10, 1994

Submit to Appropriate District Office State Lease - 4 Copies

OIL CONSERVATION DIVISION P.O. Drawer DD, Artesia, NM 86211-0719

P.O. Box 2088

Fee Lease - 3 Copies

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

DISTRICT IV P.O. BOX 2088, SANTA FZ, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION PLAT	AMENDED REPORT
API Number	Pool Code	Pool Name	
	96210	Empire Yeso	
Property Code	Prop	erty Name	Well Number
021044	CONTINENT	TAL A STATE	9
OGRID No.		ator Name	Elevation
013837	MACK ENERG	Y CORPORATION	3664'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	30	17-S	29-E		2310	NORTH	580	WEST	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	Joint o	r Infill Co	nsolidation (Code Ore	ier No.				
27.94									

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 S. Cal
SPC NME NAD 1927	Crissa D. Carter
Y=657140.93 E=565827.37 LAT.= 32'48'22.99"N LONG.= 104'07'08.71"W	Production Analyst
580'-0-344'	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.
	MARCH 21, 2002 Date Surveyer Million AWB Signature 12 Stat State State Surveyer On the Surve
	Certificate. No. RONAID STIDSON 3239 PROFESSION 12641