2/22/06 OGGEDIN DHC DHC

APP NO. pTDS0605330275

ABOVE THIS LINE FOR DIVISION USE ONLY

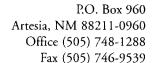
NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] TYPE OF APPLICATION - Check Those Which Apply for [A] [1] Location - Spacing Unit - Simultaneous Dedication NSL NSP \square SD Check One Only for [B] or [C] Commingling - Storage - Measurement [B] ☑ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS □ OLM 2006 FEB 21 PM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] WFX PMX SWD IPI EOR PPR [D]Other: Specify [21 **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or \(\propto \) Does Not Apply Working, Royalty or Overriding Royalty Interest Owners [A] [B] Offset Operators, Leaseholders or Surface Owner ယ္ [C] Application is One Which Requires Published Legal Notice [D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E] For all of the above, Proof of Notification or Publication is Attached, and/or. [F] Waivers are Attached SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [31 OF APPLICATION INDICATED ABOVE. CERTIFICATION: I hereby certify that the information submitted with this application for administrative [41 approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division. Note: Statement must be completed by an individual with managerial and/or supervisory capacity. Jury W. Shenell Jerry W. Sherrell **Production Clerk** 2/17/2006 Print or Type Name Date





Oil Conservation Division Attn: Will Jones 1220 South St. Francis Dr. Santa Fe, NM 87505

Re:

Down hole Commingling, and measurement of

Hydrocarbon Production for:

Continental A State #1,2,5,6,7,8,9,10

Section 30, T17S, R29E Eddy County, New Mexico

Mack Energy Corporation as operator of the aforementioned (8) wells respectfully requests administrative approval for down hole commingling and measurement of production.

Mack Energy proposes to commingle Artesia;Q-G-SA and Empire Yeso production in the Continental A State wells (State of NM Lease E-4201). Production of both pools will be measured at the Continental A State TB located in the NE/4 NW/4, Sec. 30 T17S R29E. This lease has common interest in both pools. Notification has been made to all parties owning an interest in this lease, including the oil purchaser, of the intent to commingle. Testing will be conducted and allocation percentages will be sent to OCD after completion of these wells. These wells have produced for some time from the Yeso formation. The subtraction method will be used to allocate production based on increased production from the San Andres formation.

Should you require any additional information concerning this application, please call Jerry W. Sherrell at the above number. Thank you for your consideration of this request.

Sincerely,

MACK ENERGY CORPORATION

Jeny W. Shevell

Jerry W. Sherrell Production Clerk

jerrys@mackenergycorp.com

JWS/ Enclosures District I 1621 N. French Dri

District 11 1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road,

District IV

State of New Mexico Energy, Minerals and Natural Resources Department

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

APPLICATION TYPE

X Single Well

X Establish Pre-Approved Pools
EXISTING WELLBORE

Form C-107A

Revised June 10, 2003

Mack Energy Corporation			0, Artesia, NM 8	8211-0960		
perator		Address				
ontinental A State		C-30-17S-29E	1: B		Edo	<u> </u>
GRID No. <u>013837</u> Property C	_	nit Letter-Section-Towns	_	Federa	Count X Stat	-
DATA ELEMENT	UPPER ZONE	E INTER	MEDIATE ZON	E I	LOWER Z	ONE
Pool Name	Artesia;Q-G-SA		· · · · · · · · · · · · · · · · · · ·	Empire;	Yeso	
PoolCode	3230			96210		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2600-3708'			3823-40)75'	
Method of Production (Flowing or Artificial Lift)	Artificial Lift			Artificia	al Lift	
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)						
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.8			38.1		
Producing, Shut-In or New Zone	New Zone			Produci	ng	
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:	Date:		Date: 1	1/06	
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	i Oil	Gas	oil		Gas
than current or put production, supporting data or explanation will be required.)	%	%	%	%	%	
	AL	DITIONAL DATA	<u> </u>			
re all working, royalty and overriding					Yes <u>X</u> Yes	No
f not, have all working, royalty and o	verriding royalty interest o	wners been notified by	y certified mail?			
are all produced fluids from all comm	ningled zones compatible w	rith each other?				No
Vill commingling decrease the value	of production?				Yes	No <u>X</u> _
f this well is on, or communitized wir the United States Bureau of Land M				s	Yes	No
IMOCD Reference Case No. applica	-					
Attachments: C- 1 02 for each zone to be common production curve for each zone for For zones with no production hist Data to support allocation method Notification list of working, royal Any additional statements, data or	or at least one year. (If not a ory, estimated production r l or formula. ty and overriding royalty in	available, attach expla ates and supporting da nterests for uncommon	nation.) ata.			
	PRE	-APPROVED POO	<u>DLS</u>			
If application	is to establish Pre-Approve	d Pools, the following	additional informati	ion will be requ	ired:	
ist of other orders approving downh ist of all operators within the propose Proof that all operators within the pro	ed Pre-Approved Pools					

TYPE OR PRINT NAME Jerry W. Sherrell

TELEPHONE NO. (<u>505</u>) 748-1288

 $E\text{-}MAIL\ ADDRESS \underline{jerrys@mackenergycorp.com}$

District I 1621 N. French Drive, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11 1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

 $E\text{-}MAIL\ ADDRESS \underline{jerrys@mackenergycorp.com}$

Oil Conservation Division

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

	APPL	ICA	TION	TYP	E
		X	_Sing	le Wel	il
X Estab	lish Pre	-Ap	prove	d Pool	s
E	XISTI	NG V	VELL	BOR	E
	X	Ye	s	_No	
				-	
211-0960					

Mack Energy Corporation		P.O. Box 960, Artesia, NM 8821	1-0960					
Operator		ddress						
Continental A State		17S-29E	Eddy					
Lease	Well No. Unit Lette	er-Section-Township-Range	County					
OGRID No. 013837 Property Co	de <u>21044</u> API No. <u>30-0</u>	15-29697 Lease Type:	Federal X StateFee					
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE					
Pool Name	Artesia;Q-G-SA		Empire;Yeso					
PoolCode	3230		96210					
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2600-3784'		3892-4168'					
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift					
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)								
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.8		38.1					
Producing, Shut-In or New Zone	New Zone		Producing					
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date: 1/06					
estimates and supporting data.)	Rates:	Rates:	Rates: 13/49/13					
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	oil Gas	Oil Gas	oil Gas					
	ADDITI	ONAL DATA						
Are all working, royalty and overriding If not, have all working, royalty and over the control of the control o			Yes X No					
Are all produced fluids from all comm	ningled zones compatible with each	ch other?	YesX No					
Will commingling decrease the value of	of production?		YesNo_X					
If this well is on, or communitized wit or the United States Bureau of Land M			Yes No					
NMOCD Reference Case No. applicab	ole to this well:							
Attachments: C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.								
	PRE-APP	ROVED POOLS						
If application i	s to establish Pre-Approved Pools	s, the following additional information	will be required:					
List of other orders approving downloc List of all operators within the propose Proof that all operators within the propose Bottornhole pressure data.	ed Pre-Approved Pools	••						
I hereby certify that the information	on above is true and complete	to the best of my knowledge and be	elief					
SIGNATURE / Long le	1. Shenall TITLE	Production Clerk	DATE 2/17/2006					
TYPE OR PRINT NAME Jerry W	7. Sherrell	TELEPHONE NO. (_	505) 748-1288					

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 EXISTING WELLBORE
X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation Operator		O. Box 960, Artesia, NM 8821	1-0960	
Continental A State	5 L-30-17	S-29E Section-Township-Range	Eddy County	,
OGRID No. <u>013837</u> Property Co			·	Fee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZO	NE
Pool Name	Artesia;Q-G-SA		Empire; Yeso	
PoolCode	3230	-	96210	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2600-3887'		4010-4279'	
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% of the	Artificial Lift		Artificial Lift	
depth of the top perforation in the upper zone) Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.8		38.1	
Producing, Shut-In or New Zone	New Zone		Producing	
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:	Date:Rates:	Date: 1/06 Rates: 10/38/10	
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	oil Gas	Oil Gas		as
	ADDITIO	NAL DATA		
Are all working, royalty and overriding frot, have all working, royalty and over the control of	g royalty interests identical in all coverriding royalty interest owners be	mmingled zones? en notified by certified mail?	Yes_X Yes	No
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesX	No
Will commingling decrease the value of	of production?		Yes	No X
If this well is on, or communitized with or the United States Bureau of Land M			Yes	_ No
NMOCD Reference Case No. applicab	le to this well:			
Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt	ngled showing its spacing unit and a r at least one year. (If not available, ory, estimated production rates and or formula. y and overriding royalty interests for documents required to support com	attach explanation.) supporting data. or uncommon interest cases.		
	PRE-APPRO	OVED POOLS		
If application is	s to establish Pre-Approved Pools, t	the following additional information v	vill be required:	
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools	••		
I hereby certify that the information	on above is true and complete to Shenall TITLE Pr	the best of my knowledge and be	blief DATE 2/17/2006	
TYPE OR PRINT NAME Jerry W	· ·	TELEPHONE NO. (_	

TELEPHONE NO. (505) 748-1288

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

X Single Well

X Establish Pre-Approved Pools
EXISTING WELLBORE

APPLICATION FOR DOWNHOLE COMMINGLING

X Yes No

Mack Energy Corporation		P.O. Box 960, Artesia, NM 8821	1-0960
Operator Continental A State		idress 7S-29E	Eddy
Lease		r-Section-Township-Range	County
OGRID No. 013837 Property Co	de21044 API No. 30-01	.5-30610 Lease Type:	Federal X State Fee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Artesia;Q-G-SA		Empire;Yeso
PoolCode	3230		96210
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2600-3729'		3859-4108'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.8		38.1
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:	Date:	Date: 1/06
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 8/30/8
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	0il Gas
than current or put production, supporting data or explanation will be required.)	% %	% %	% %
	ADDITIO	ONAL DATA	
Are all working, royalty and overriding If not, have all working, royalty and ov			Yes X No
Are all produced fluids from all comm			YesX No
Will commingling decrease the value of	of production?		Yes No_X
If this well is on, or communitized with or the United States Bureau of Land M			Yes No
NMOCD Reference Case No. applicab	le to this well:		
Attachments: C-1 02 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, royalt Any additional statements, data or	r at least one year. (If not available ory, estimated production rates and or formula. by and overriding royalty interests	e, attach explanation.) I supporting data. for uncommon interest cases.	
	PRE-APPR	ROVED POOLS	
If application is	s to establish Pre-Approved Pools,	the following additional information v	vill be required:
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools		
I hereby certify that the informatio	on above is true and complete the structure of the struct	o the best of my knowledge and be	
		roduction Clerk	DATE 2/17/2006
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

APPLICATION TYPE

X Single Well

X Establish Pre-Approved Pools

EXISTING WELLBORE

X Yes ____No

Mack Energy Corporation	Р.	O. Box 960, Artesia, NM 8821	1-0960					
Operator	Add	ress						
Continental A State	7 F-30-17		Eddy					
Lease	Well No. Unit Letter-S	Section-Township-Range	County					
OGRID No. 013837 Property Co	de21044 API No. 30-015	5-31507 Lease Type:	Federal X StateFee					
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE					
Pool Name	Artesia;Q-G-SA		Empire;Yeso					
PoolCode	3230		96210					
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2600-3827'		3903-4239'					
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift					
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)								
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.8		38.1					
Producing, Shut-In or New Zone	New Zone		Producing					
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date: 1/06					
estimates and supporting data.)	Rates:	Rates:	Rates: 22/82/22					
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	0il Gas					
than current or put production, supporting data or explanation will be required.)	% %	% %	% %					
	<u>ADDITIO</u>	NAL DATA						
Are all working, royalty and overriding If not, have all working, royalty and ov		•	Yes No Yes No					
Are all produced fluids from all commi	ingled zones compatible with each	other?	YesX No					
Will commingling decrease the value of	of production?		YesNoX_					
If this well is on, or communitized with or the United States Bureau of Land M			Yes No					
NMOCD Reference Case No. applicab	le to this well:		Managery.					
Attachments: C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.								
	PRE-APPRO	OVED POOLS						
If application is	s to establish Pre-Approved Pools, t	he following additional information v	vill be required:					
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools							
I hereby certify that the informatio	on above is true and complete to	the best of my knowledge and be						
	1. Shenell TITLE Pro	oduction Clerk	DATE 2/17/2006					
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288					

District I 1621 N. French Drive, Hobbs, NM 88240

District 11

District III
1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

 $E\text{-}MAIL\ ADDRESS \underline{jerrys@mackenergycorp.com}$

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

Oil Conservation Division

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

APPLICATION TYPE

X Single Well X Establish Pre-Approved Pools EXISTING WELLBORE
X Yes ____No

Mack Energy Corporation		O. Box 960, Artesia, NM 8821	1-0960					
Operator	Add							
Continental A State	8 F-30-17 Well No. Unit Letter-5	S-29E Section-Township-Range	Eddy County					
OGRID No. 013837 Property Co			Federal X State	Fee				
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZON	E				
Pool Name	Artesia;Q-G-SA		Empire;Yeso					
PoolCode	3230		96210					
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2600-3820'		3953-4289'					
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift					
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)								
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.8		38.1					
Producing, Shut-In or New Zone	New Zone		Producing					
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date: 1/06					
estimates and supporting data.)	Rates:	Rates:	Rates: 13/49/13					
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	Oil Gas	Oil Gas	oil Gas	%				
	<u>ADDITIO</u>	NAL DATA						
Are all working, royalty and overriding If not, have all working, royalty and ov			Yes X Yes N	No No				
Are all produced fluids from all commi	ingled zones compatible with each	other?	Yes <u>X</u>	No				
Will commingling decrease the value of	of production?		Yes 1	No <u>X</u>				
If this well is on, or communitized with or the United States Bureau of Land M			Yes }	No				
NMOCD Reference Case No. applicab	le to this well:							
Attachments: C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.								
	PRE-APPR(OVED POOLS						
If application is	s to establish Pre-Approved Pools, t	he following additional information w	vill be required:					
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools							
I hereby certify that the informatio								
SIGNATURE Jerry W	TITLE Pro	oduction Clerk	DATE 2/17/2006					
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288					

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

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

 $E\text{-}MAIL\ ADDRESS \underline{jerrys@mackenergycorp.com}$

Oil Conservation Division

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

APPLICATION TYPE X Single Well
X Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes ____No

Mack Energy Corporation	P.	O. Box 960, Artesia, NM 8821	1-0960						
Operator	erator Address								
Continental A State	9 E-30-17	Eddy							
Lease	Well No. Unit Letter-S	Section-Township-Range	County						
OGRID No. 013837 Property Co	de21044 API No. 30-015	5-32302 Lease Type:	Federal X State Fee						
DATA ELEMENT	UPPER ZONE	LOWER ZONE							
Pool Name	Artesia;Q-G-SA		Empire;Yeso						
PoolCode	3230		96210						
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2600-3808'		3941-4210'						
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift						
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)									
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.8		38.1						
Producing, Shut-In or New Zone	New Zone		Producing						
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date: 1/06						
estimates and supporting data.)	Rates:	Rates:	Rates: 39/146/39						
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil Gas						
than current or put production, supporting data or explanation will be required.)	% %	% %	% %						
	ADDITIO	NAL DATA							
Are all working, royalty and overriding If not, have all working, royalty and ov	groyalty interests identical in all coverriding royalty interest owners be	mmingled zones? en notified by certified mail?	Yes X No						
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesX No						
Will commingling decrease the value of	of production?		Yes No <u>X</u>						
If this well is on, or communitized with or the United States Bureau of Land M			Yes No						
NMOCD Reference Case No. applicab	le to this well:								
Attachments: C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.									
	PRE-APPRO	OVED POOLS							
If application is	s to establish Pre-Approved Pools, t	the following additional information w	vill be required:						
List of all operators within the propose	List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.								
I hereby certify that the informatio									
SIGNATURE Jerry W	! Shenell TITLEPT	oduction Clerk	DATE 2/17/2006						
TYPE OR PRINT NAME Jerry W		TELEPHONE NO. (

District I 1621 N. French Drive, Hobbs, NM 88240

State of New Mexico

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

TYPE OR PRINT NAME Jerry W. Sherrell

E-MAIL ADDRESS jerrys@mackenergycorp.com

Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

X Single Well

X Establish Pre-Approved Pools

EXISTING WELLBORE

X Yes ____No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation Operator		P.O Addre	Box 960, Artesia, N	IM 88211	1-0960	_		
Continental A State	10 D-	-30-17S	-29E			Eddy		
Lease	Well No. Unit	Letter-Se	ction-Township-Range	•		County		
OGRID No. 013837 Property Co	de <u>21044</u> API No. 3	30-015-	32412 Lease	Туре:	_Federal X	State	Fee	
DATA ELEMENT	UPPER ZONE		INTERMEDIATE	ZONE	LO	WER ZOI	NE	
Pool Name	Artesia;Q-G-SA				Empire;Yes	so		
PoolCode	3230				96210			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2600-3724'				3846-4200'			
Method of Production (Flowing or Artificial Lift)	Artificial Lift		11.4.444.77		Artificial 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)								
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.8				38.1			
Producing, Shut-In or New Zone	New Zone				Producing			
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:		Date:		Date: 1/06	<u> </u>		
applicant shall be required to attach production estimates and supporting data.)	Rates:		Rates:		Rates: 14/	52/14		
Fixed Allocation Percentage	oil Gas		Oil Gas		oil	Ga	ıs	
(Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	%	%	%	%		%	%	
	ADD	OITION.	AL DATA					
Are all working, royalty and overriding If not, have all working, royalty and over the control of the control o	g royalty interests identical in verriding royalty interest own	n all com ners been	mingled zones? notified by certified mai	1?	Ye Ye	esX	No No	
Are all produced fluids from all comm	ingled zones compatible with	h each otl	her?		Ye	es <u>X</u>	No	
Will commingling decrease the value of	of production?				Ye	es	No <u>X</u>	
If this well is on, or communitized with or the United States Bureau of Land M				Lands	Ye	es	No	
NMOCD Reference Case No. applicab	le to this well:	w.v.		· · · · · · · · · · · · · · · · · · ·				
Attachments: C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.								
	PRE-A	APPROV	VED POOLS	and the second				
If application is	s to establish Pre-Approved I	Pools, the	e following additional inf	ormation w	ill be required	:		
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools			ition.				
I hereby certify that the information	- 1	lete to th	ne best of my knowled	ge and bel	ief			
SIGNATURE Jeny W.	Stevall TIT	LE Prod	luction Clerk		_DATE 2/17	//2006		

TELEPHONE NO. (505) 748-1288

State of New Mexicol DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980 Energy, Minerals and Natural Resources JUN 1 9 stany to appropriate District Office State Lease - 4 Copies DISTRICT II P.C. Bruwer DD, Artesta, NN 68211-0719 Fee Lease - 3 Copies OIL CONSERVATION DIVISION DISTRICT III P.O. Box 2088 1000 Rio Brasos Rd., Axtec, NM 87410 Santa Fe. New Mexico 87504-2088 ☐ AMENDED REPORT DISTRICT IV P.O. Box 2088, Santa Fe, NM 67504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code API Number Historia; Queen-Grayburg-San Andres 30-015-29698 3230 Vell Number Property Code Property Name **X** 1 CONTINENTAL "A" 21044 Operator Name Elevation OGRID No. MACK ENERGY CORPORATION 3650 013837 Surface Location Feet from the North/South line Feet from the East/West line County UL or lot No. Section Township Range 330 NORTH 1409 WEST **EDDY** C 30 17 S 29 E Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line Feet from the East/West line County UL or lot No. Section Township Range Consolidation Code Dedicated Acres Joint or Infill 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 911.9' OPERATOR CERTIFICATION 1409 I hereby certify the the information d herein is true and complete to the LOT 1 27.71 AC. Crissa D. Carter Printed Name Production Clerk 6-24-97 Date LOT 2 27.94 AC. SURVEYOR CERTIFICATION I hereby certify that the well location si on this plat was plotted from field notes of supervison, and that the same is true and correct to the best of my belief. JUNE 17, 1997 LOT 3 JLP 28.17 AC. LOT 4 28.40 AC. ROFESELLE J. EIDSON, 676 3239 941.2' 12641

State of New Mexico DISTRICT I P.O. Box 1980, Hobbs, NM 86241-1980 Energy, Minerals and Natural Resour JUN 1 9 stant to arropriate District Office DISTRICT II State Lease - 4 Copies P.C. Drawer DB, Artenia, NM 88211-0719 Fee Lease - 3 Copies OIL CONSERVATION DIVISION IN DISTRICT III P.O. Box 2088 1000 Rio Brazos Rd., Artec, NM 87410 Santa Fe, New Mexico 87504-2088 ☐ AMENDED REPORT DISTRICT IV P.O. Box 2068, Santa Fe, NM 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Pool Name API Number 30-015-29698 Empire Yeso 96210 Property Code Property Name Well Number CONTINENTAL "A' **X** 1 21044 Operator Name OGRID No. Elevation ۶ ۽ MACK ENERGY CORPORATION 3650 013837 Surface Location East/West line UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the County C 30 17 S 29 E 330 NORTH 1409 WEST **EDDY** Bottom Hole Location If Different From Surface Section Lot Idn Feet from the North/South line Feet from the East/West line UL or lot No. Township Range County Consolidation Code Dedicated Acres Joint or Infill 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 911.91 OPERATOR CERTIFICATION 1 4091 I hereby certify the the information ed herein is true and complete to the LOT 1 27.71 AC. Crissa D. Carter Printed Name Production Clerk 6-24-97 Date LOT 2 27.94 AC. SURVEYOR CERTIFICATION I hereby cartify that the well location show on this plat was plotted from field notes of supervisors and that the same is true and correct to the best of my belief. JUNE 17, 1997 LOT 3 28.17 AC. a. Seal of S JLP LOT 4 28.40 AC. -1**4**€0991 POFESBURGE, EDSON, 676 3239 941.2' 12641

DISTRICT I P.O. Box 1980, Hobbs, NM 88941-1980

State of New Mexico

Rougy, Minerals and Natural Resources Department

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

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drewer ED, Artesia. NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Astec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2088, Santa Fe, NM 87504-2086

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29697	Pool Code 3230	Artesia; Queen - Gray-	
Property Code		rty Name	Well Number
21044	CONTINE	2	
OGRID No.	Operator Name		
013837	MACK ENERG	3652	

Surface Location

-	UL or lot No.	Section	Township	Range	Lot ldn	Peet from the	North/South line	Feet from the	East/West line	County
	F	30	17 S	29 E		1650	NORTH	1251	WEST	EDDY

Bottom Hole Location If Different From Surface

	UL or lot No.	Section	Township	p Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
1	Dedicated Acres	Joint o	r Infili	Consolidation (Code Or	der No.				
	40	İ	1		1					

	OR A NON-STANDAR	D CIVII HAD DHERV	ATTROVED DI TIII	DIVISION
911.9'	920,			OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
LOT 1 27.71 AC.	;			Crisia D. Cartan
1251′	3330		·	Crissa D. Carter Printed Name Production Clerk Title
LOT 2 27.94 AC.				6/24/97 Date 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 beliaf.
LOT 3 28.17 AC.	 			Date Script J. E/Dilling JLP Signature of Soul of Soul of Professional Manager of The
LOT 4 28.40 AC.				230 day 5 -17-97
941.2'				Corting OFESS J. EDSON, 3239

DISTRICT I P.O. Box 1980, Hobbs, PM 88941-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II P.O. Braver ED, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Astec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

AMENDED REPORT

DISTRICT IV P.O. Box 2068, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29697	Pool Code 96210	Empire Yeso	
Property Code	Property N CONTINENTA	Veli Number 2	
OGRID No. 013837	Operator N MACK ENERGY C		Elevation 3652

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Peet from the	North/South line	Feet from the	East/West line	County
F	30	17 S	29 E		1650	NORTH	1251	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 or	r Infill C	onsolidation (ode Or	der No.				

·····	· · · · · · · · · · · · · · · · · · ·			
911.9'				OPERATOR CERTIFICATION
		·	!	I hereby certify the the information
				contained herein is true and complete to the
	650.	·	1	best of my knowledge and belief.
ļ			1	
LOT	1		1	Jusia D. Carla
LOT 1 27.71 AC.	1		1	Signature
	+		+	Crissa D. Carter
			1	Printed Name
1251'	 / /		i .	Printed Name Production Clerk
	/		<u>'</u>	Title
	330'		1	6/24/97
			1	Date
LOT 2			!	
27.94 AC.			!	SURVEYOR CERTIFICATION
				
			1	I hereby certify that the well location shown on this plat was plotted from field notes of
	1		1	actual surveys made by me or under my
	†		i	supervison, and that the same is true and
}	1		i	correct to the best of my belief.
	1		,	JUNE 12 1997
LOT 3	İ		i	JUNE 12, 1997 Date Sarroyd, F/Aut. JLP
28.17 AC.	· 		<u> </u>	Date Surveyed. E/OSIMIN JLP Signature & Seal of OSIMIN Professional Islandsyste.
	i			Protestional Marteyor 7
LOT 4	1		!	0 8000
28.40 AC.	1	ı	!	Marie 1 1/238 1 5
20.40 AC.	1		!	0/11/0/ 1. 10/11/10/2 6-17-97
	1		!	/ / 100. Num. 97-10-0990
				Corumon Str. WEST, 676
941.2'			1	ROFESCH WEST. 676 ROFESCH J. EIDSON, 3239 12641
			<u> </u>	GARY G. EIDSON, 12641

DISTRICT I P.O. Box 1980, Hobba, NM 883#1-1980 State of New Mexico

rais and Natural Resources Department

Form C-102
Revised February 10, 1994
Stromit to appropriate Bistrict Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II P.O. Brewer ED, Artesia, NK 68211-0719

DISTRICT III 1000 Rio Brazos Rd., Astec, NM 87410 OIL CONSERVATION DIVI

□ AMENDED REPORT

DISTRICT IV P.O. Box 2008, Santa Fc. NM 87604-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

Santa Fe, New Mexico 87504-2088

API Number 30-015-30613	Pool Code 3230	Arlesia; Q-G-SA			
Property Code	Propert	Well Number			
-018143 021044	CONTINEN	TAL XXX State	X X X 5		
OGRID No.	Operato	r Name	Elevation		
013837	MACK ENERGY	CORPORATION	3655		

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	30	17 S	29 E		1927	SOUTH	435	WEST	EDDY

Bottom Hole Location If Different From Surface

ſ	UL or lot	t N	0.	Section	Township	Rango	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-	Dedicate	- A		Joint or	r Infill Co.	nsolidation (ode On	ier No.			:	
	2023200											

		 DARD UNIT HAS BEEN APPROVED	
	911.9'		OPERATOR CERTIFICATION
			I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	LOT 1		Cum D. Contr
	27.71 AC.	 	Signature Crissa D. Carter
			Printed Name
•			Production Clerk
			3-24-99
	LOT 2	i	Date
	27.94 AC.	l .	SURVEYOR CERTIFICATION
	435		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.
•	LOT 3 28.17 AC.	 <u> </u>	JUNE 17, 1997 Date Surveyed Seel 570 Chillips Professional Surveyor Only
	LOT 4 = 1 28.40 AC.		100 100 27 -1 1 10024
	941.2		Certificate No. JOHN & JEST, 676

DISTRICT I P.O. Box 1980, Hobbs, NM 868\$1-1980

P.O. Drawer BB, Artesta, NN 88211-0719

State of New Mexico

Energy, Minerale and Natural Resources Departm

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

Revised February 10, 1994
Stimult to Appropriate District Office
State Lease - 4 Copies
Lease - 3 Copies

Form C-102

DISTRICT II

DISTRICT III

DISTRICT IV P.O. Box 2088, Santa Fc, NM 87504-2086

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code		Pool Name				
30-015-30613	96210	Empire; Yeso					
Property Code		Property Name A		Well Number			
-018143 021044	CC		1 X2x 5				
OGRID No.		Operator Name		Elevation			
013837	MACK E	NERGY CORPORATION	۽ ۽	3655			

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	30	17 S	29 E		1927	SOUTH	435	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 of	r Infili Co	nsolidation (Code Or	der No.				
28.17									

	UR A NUN-STAN	DARD UNIT HAS E	EEN APPROVED BY	THE DIVISION
911.9'				OPERATOR CERTIFICATION
			!	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
LOT 1				Cum D. Carta
27.71 AC.		L 	· +	Signature
			1	Crissa D. Carter
ì			1	Printed Name
			İ	Production Clerk
			i	3-24-99
1.07.0			İ	Date
LOT 2 27.94 AC.	·		İ	SURVEYOR CERTIFICATION
				I hereby certify that the well location shown on this plat was plotted from field notes of
			1	actual surveys made by me or under my
438			1	supervison, and that the same is true and correct to the best of my belief.
			1	JUNE 17, 1997
LOT 3 28.17 AC.		 	1	Date Surveyed Million JLP
+			+	Professional Surveyor
927		! !	1	METO ME
LOT 4 6 6		i	ļ	Wan Bill of Carlo
28.40 AC.			1	(NO) NORO . 87 – 1.1 (4) 224
	ļ		Ì	Certificate No. JOHN 9 JEST, 676
041.21			İ	PROFFICATION SEIDSON, 3239
941.2'				"All Hammer C. EIDSON, 12641

DISTRICT I P.O. Box 1980, Hobbs, NM 68841-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Brower ED, Artesia, NM 86211-0719

DISTRICT III

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

1000 Rio Brazos Rd., Axtec, NM 87410

DISTRICT IV P.O. Box 2008, Santa Fc, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

4P1 Number 30-015-38610	Pool Code 3230	Artesia, Q-6		
Property Code	Pro	Well Number		
021044	CONTINENTAL "A" State XXX X			
OGRID No.	Ope	rator Name	Elevation	
013837	MACK ENER	GY CORPORATION	3647	

Surface Location

UL or lot No	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
С	30	17 S	29 E		990	NORTH	1907	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
Podicated Acres	Joint o	r Infili	Consolidation (ode Or	der No.				

911.9'				OPERATOR CERTIFICATION
) 			I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
LOT 1 27.71 AC.	1907	330.4'		Signature Signature
			+	Crissa D. Carter
				Printed Name
	1		!	Production Clerk
	1		1	3-24-99
LOT 2			1	Date
27.94 AC.	<u> </u>	i ! b		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.
	1		L	Correct to the best of my batter.
LOT 3 28.17 AC.	- - 	1	1	JUNE 12, 1997 Date Surger Million JLP
	· +		 	Professional Surveyor
LOT 4	i			Kom Fl So Book 12 mg
28.40 AC.	1		1	/ 10. Nem. 87-1:10 1992
941.2'				Certificate No. 10410 EVEST, 676

DISTRICT I P.O. Box 1980, Robbs, NM 88841-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Brower PD, Artonia, NN 66211-0719

DISTRICT III
1000 Rio Brasos Rd., Axtec, NM 67410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2068, Santa Fe, NM 87504-2068

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name			
30-015-30610	96210	Empire; Yeso			
Property Code	Pr	Well Number			
021044	CONTI	XDX X2 6			
OGRID No.	Ор	erator Name	Rievation		
013837	MACK ENER	MACK ENERGY CORPORATION			

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Vest line	County
С	30	17 S	29 E		990	NORTH	1907	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill C	Consolidation (ode Or	der No.	<u> </u>			

r				
	911.9'			OPERATOR CERTIFICATION I hereby cartify the the information
				contained herein is true and complets to the best of my knowledge and belief.
	LOT 1 27.71 AC.	1907		Signature Signature
		F	+	Crissa D. Carter
			İ	Production Clerk
				3-24-99 Date
	LOT 2 27.94 AC.			SURVEYOR CERTIFICATION
				I hereby certify that the well location shown on this plat was plotted from field notes of
			1	actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.
	LOT 3			JUNE 12, 1997 Date Surveyalling JLP
	28.17 AC.			Signature & Strat Ed Collins Programmal Surveyor
	LOT 4			Am # DE CO
	28.40 AC.		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		1	1	Certanice No. Horica West, 676
	941.2'	<u>i </u>	1	PROFESSION, 3239



State of New Mexico Energy, Minorals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Conics

WEST

1968

State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II P.O. Drawer BO, Artesia, NM 86211-0719

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

EDDY

DISTRICT III 1000 Rio Brazos Rd., Axtec, NM 87410

DISTRICT IV P.O. Box 2058, Santa Fe, NM 87504-2088

30

17 S

F

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-3		Pool Code Pool Name Arkesia: Q-G-SA					4	
Property Code		·		Well Number				
021044		CONTINENTAL "A" STATE 7 Operator Name Elevation						
013837		MACK ENERGY CORPORATION 3643						
				Surface Loca	ation	,		
L or lot No. Sec	tion Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

29 E 2314 NORTH Bottom Hole Location If Different From Surface

UL or let No.	Section To	ownahip	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or L	nfill Con	solidation C	ode Ore	der No.				1
40)

 OR A NON-STANDARD UNIT HAS BEE	
1	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
27.71 AC. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Signature Signature
	Crissa D. Carter Printed Name Production Analyst Title 2/1/00
1968' 27.94 AC. S	SURVEYOR CERTIFICATION I hereby certify that the seell location shown
	on this plat was platted from field notes of actual surveys made by me or under my supervisen, and that the same is true and correct to the best of my belief.
28.17 AC.	NOVEMBER 17, 2000 Date Surveyed Signature & Seal of Professional Surveyor W.O. Num. 00-11-0018
28.40 AC.	Certificate No., RONALD I EDSON, 3230 CARY CARY CHEDSON, 12841



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

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artemia, RM 88211-0719

DISTRICT III 1000 Rio Brance Ed., Artec, NM 87410

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2058, Santa Fe, NM 87504-2058

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name		
30-015-31507	96210	Empire Yeso		
Property Code	Prop	Well Number		
021044	CONTINE	7		
OGRID No.	Oper	ator Name	Elevation	
013837	MACK ENEI	RGY CORPORATION	3643	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	17 S	29 E		2314	NORTH	1968	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 or	Infill Co	nsolidation (Code Ore	der No.	1		<u> </u>]					
40														

	 OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
27.71 AC.	 Signature Crissa D. Carter
276	Printed Name Production Analyst Title 2/1/00
27.94 AC. S	 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.
28.17 AC.	NOVEMBER 17, 2000 Date Surveyed JLP Signature & Scal of Professional Surveyor
	W.O. Num 00-11-0018 Certificate No. RONALD I BOSON, 3230
28.40 AC.	 GARY G. EDSON. 12641

ASTRICT I P.O. Bex 1980, Hobbs, NM 88241-1980

State of New Mexico

A

Form C-102 Revised February 10, 1994 Submit & appropriate District Office

Subm

appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II P.O. Drawer IID, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Ed., Astec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088 FECEIVED Santa Fe, New Mexico 8750 2080 D - ARTESIA

□ AMENDED REPORT

DIS	IK	ICI	1.4			
P.O.	BOX	2088.	SANTA	FE,	N.M.	87504-2088
-				-		

WELL LOCATION AND ACREAGE DEDICATION PLAT

0, BUI 2008, SANTA FE, N.M. 87804-2008			OU S HERENDED HER CHI		
API Number	Pool Code	1 1000 5	ot Name Q-G-5A		
30-015-31619	3230	Artesia, Q-			
Property Code	-	y Name	Well Number		
021044	CONTINENT	AL A STATE	8		
OGRID No.		r Name	Elevation		
013837	MACK ENERGY	CORPORATION	3648'		

Surface Location

1	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	F	30	17-S	29-E		2110	NORTH	1449	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
F	30	17-S	29-E	,	2310	NORTH	1354	WEST	EDDY
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.				
40		!							

LOT 4	II		1	1
LOT 1	11	·		OPERATOR CERTIFICATION
	.			I hereby certify the the information
	1 1			contained herein is true and complete to the
		i i		best of my knowledge and belief.
1	1		1	
į.			l	
1				11 1
48 E	2110		Ī	11 (ussa). Car
27.71 AC	10			Signature
LOT 2	·o/ /			11
}	X		ļ.	Crissa D. Carter
į	/2/			Printed Name
			1	Production Analyst
				Title /
	SURFACE	ł		2/19/01
1449'	525'		1	
1354'	7			Date
1_5	30			
27.94 AC				SURVEYOR CERTIFICATION
LOT 3]]
	•		1	I hereby certify that the well location shown
	. 1		ļ .	on this plat was plotted from field notes of
	•			actual surveys made by me or under my
	,			supervisor, and that the same is true and
				correct to the best of my belief.
}				5500,404,00,006;
				FEBRUARY 09, 2001
28,17 AC				Date Surveyed AWB
LOT 4				Signature & Seal of
W1 7			1	Professional Surveyor
				秋:元//o・xº / 多。
İ			j i	(DAMUII) 18 20 Jan 02/15/01
				169: 101-11-0212
				7 77 77 77 77 77 77 77 77 77 77 77 77 7
				Certificate No. RONALD J. EIDSON 3239
				GARY RIDSON 12841
28.4 AC				

ASTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

State of New Mexico

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

State Lease - 4 Copies Fee Lease - 3 Copies

P.O. Drawer DD, Artemia, NM 88211-0719 DISTRICT III

OIL CONSERVATION

P.O. Box 2088 RECEIVED
Santa Fe, New Mexico 875045-20800 - ARTESIA

1000 Rio Brazos Ed., Astec, NM 87410 DISTRICT IV P.O. BOX 2088, SANTA FR, N.M. 87604-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	1 100d 23	nde	
30-015-31619	96210	Empire '	pire Yeso	
Property Code	Property Nan	Property Name		
021044	CONTINENTAL A	8		
OGRID No.	Operator Nan		Klevation	
013837	MACK ENERGY CO	RPORATION	3648'	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	17-S	29-E	- 1	2110	NORTH	1449	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
F	30	17-S	29-E		2310	NORTH	1354	WEST	EDDY
Dedicated Acres	Joint o	r Infill	Consolidation (ode Or	der No.				
40									

LOT 1	† †		OPERATOR CERTIFICATION
			I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
27.71 AC	2110'		Signature D. Cat
LOT 2	2/2		Crissa D. Carter Printed Name
1449'	SURFACE		Production Analyst Title 2/19/01
1354 B.H. 27.94 AC 430			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.
28.17 AC			FEBRUARY 09, 2001 Date Surveyed AWB Signature & Seal of
LOT 4			Professional Surveyor Dimily billion 02/15/0(
28.4 AC		·	Certificate No. RONALD 1 EIDSON 3239 GARY EIDSON 12841

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

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

Submit to Appropriate District Office

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

OIL CONSERVATION DIVISION

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87604-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32302	Pool Code 3230	Artesia; Q.	G-SA
Property Code	Propert		Well Number
021044	CONTINENTA	L A STATE	9
OGRID No.	Operato		Elevation
013837	MACK ENERGY	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	der No.	<u> </u>		<u> </u>	l
27.94	<u> </u>								

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY T	277101011
	OPERATOR CERTIFICATION
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Signature Cal
SPC NME NAD 1927	Crissa D. Carter Printed Name
Y=657140.93 E=565827.37	Production Analyst
LAT.= 32'48'22.99"N LONG.= 104'07'08.71"W	4/2/2002 Date
	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 Survexed Signature D Scale of the Professional Surveyor MEX
	02.1.02.1 3/28/02
	Constitute No. RONALD FEIDSON 3239 GARY HIPSON 12641

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

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

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

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

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT III

DISTRICT IV

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088	WELL LOCATION AND AC	CREAGE DEDICATION PLAT	□ AMENDED REPORT	
API Number	Pool Code	Pool Name		
30-015-32302	96210 Empi		re Yeso	
Property Code	Propert	y Name	Well Number	
021044	CONTINENTA	L A STATE	9	
OGRID No.	Operato	r Name	Elevation	
013837	MACK ENERGY	CORPORATION	3664'	

Surface Location

UL or lot No. Se	ection	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

	DOUGH MAD DOUGHT IN MANAGEM LEARN DELIVER.											
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	nsolidation	Code Or	der No.			i	1			
27.94	<u> </u>											

	OPERATOR CERTIFICATION
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and beltef.
7310,	Signature Cal
SPC NME NAD 1927	Crissa D. Carter Printed Name
Y=657140.93 E=565827.37 LAT.= 32'48'22.99"N	Production Analyst
LONG.= 104*07'08.71"W	4/2/2002 Date
	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 Surveyed Minimum AWB Signature & Scale & March Mar
	02.11.02.18
	Centricite No. RONALD FEIDSON 3239 GARA HIPSON 12641

DISTRICT I P.O. Hest 1980, Robbo, 101 \$8941-1989

Energy, Minerals and Natural Resources Separtment

Form C-102

Bovised February 10, 1984

Submit to Appropriate District Office

DISTRICT II P.O. Drawer 110, Artesia, MM 88211-0710

DISTRICT IV

OIL CONSERVATION DIVISION

P.O. Box 2088

State Lease - 4 Copies You Lease - 3 Copies

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

III AMENDED REPORT

DISTRICT IV P.O. BOX 2008, BANKA PR. N.M. 87504-80	WELL LOCATION AND	ACREAGE DEDICATION PLAT	□ AMENDED REPORT	
API Number	Pool Code	Pool Name		
30-015-32412	96210	Empire Yeso		
Property Code	Proj	perty Name	Well Number	
021044	CONTINE	ITAL A STATE	10	
OGRED No.		rator Name	Elevation	
013837	MACK ENERG	Y CORPORATION	3676'	

Surface Location

1	UL or lot No.	Section	Township	Range	Let Idn	Feet from the	North/South line	Feet from the	East/Wost line	County
	1	30	17-S	29-E		990	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Foot from the	East/West line	County
Dedicated Acres	Joint a	r Infill Co	onsolidation (Code Or	der No.				
27.71									_

1 107 1		OPERATOR CERTIFICATION
088 -		I hereby certify the the information contained herein is true and complete to the bast of my knowledge and belief.
330'		Cura D. Cat
	-!	Crissa D. Carter Printed Name
		Production Analyst Titls 8/13/2002 Date
	_	SURVEYOR CERTIFICATION
	GEOGRAPHIC COORDINATES SPC NME NAD 1827 Y = 658459.7 X = 565579.2	I haraby certify that the smil location shows on this plat was platted 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 bolisf.
28.17 AC	LAT.= 32'48'36.46"N LONG.= 104'07'13.43"W	AUGUST 07, 2002 Date Surveyed AWB
LOT 4		Professional Survey 10 10 10 10 10 10 10 10 10 10 10 10 10
28.40 AC		Conflicate No. BONALD EIDSON 3239 CART, EDSON 12641

DISTRICT I P.O. Rez 1986, Hobbs, NM \$8941-1980

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

Submit to Appropriate District Office

DISTRICT II P.O. Brewer ED, Artonia, NM 88211-6718

OIL CONSERVATION DIVISION

P.O. Box 2088

State Lease — 4 Copies Fee Lease — 3 Copies

DISTRICT III 1000 Ric Braxos Ed., Astec, NM 67410 Santa Fe, New Mexico 87504-2088

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT P.O. BOX 2006, SANYA FE, N.M. 87504-8068

AMENDED REPORT

30-0/5-32	4/2 Pool Code 32.30	Artesia; Q				
Property Code	-	erty Name	Well Number			
021044	CONTINEN	CONTINENTAL A STATE				
OGRID No.		Operator Name				
013837	MACK ENERG	MACK ENERGY CORPORATION				

Surface Location

ĺ	UL or lot No.	Section	Township	Range	Let Idn	Feet from the	North/South line	Feet from the	East/West line	County
	1	30	17-S	29-E		990	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Hange	Lot Idn	Feet from the	North/South line	Feet from the	Rest/West line	County
Dedicated Acres	Joint or	Infill Co	medidation (Code Or	der No.	<u> </u>	<u> </u>	.	·
27.71	1			1					

	OR A NON-STANDARD	UNIT HAS BEEN	APPROVED BY THE	DIVISION
27.71 AC LOT 2				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Bignature Crissa D. Carter Printed Name Production Analyst Title 8/13/2002
	SEOGRAPHIC COORDINATES SPC NME NAD 1927 Y = 658459.7 X = 565579.2 LAT.= 32'48'38.46"N LONG.= 104'07'13.43"W			SURVEYOR CERTIFICATION I hereby certify that the wall location about 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. AUGUST 07, 2002 Date Surveysdown
LOT 4				Professional Survey of Contract No. BONATO TURON SERVE
28.40 AC				PROFESSION 12641