	, ,		
DATE IN	SOL SUSPEN	ISE ENGINEER JORGED IN I STOR TYPE SHEL APP NO. PI	RE0600535982
		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 M	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE	AND REGULATIONS
	[DHC-Dow [PC-Po		ingling] ent]
[1] '	TYPE OF AF [A]	PPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD	
	Check [B]	Cone Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM	200
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery	NUP 9002
	[D]	Other: Specify	ယ
[21	NOTIFICAT [A]	TION REQUIRED TO: - Check Those Which Apply, or □ Does Not Apply Working, Royalty or Overriding Royalty Interest Owners	Pm 3
	[B]	Offset Operators, Leaseholders or Surface Owner	24
	[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, a	nd/or,
	[F]	Waivers are Attached	
		CURATE AND COMPLETE INFORMATION REQUIRED TO PROCE ATION INDICATED ABOVE.	SS THE TYPE

[41 **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative 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.

Jerry W. Sherrell	Cerry W. Shevel	Production Clerk	12/28/2005
Print or Type Name	Signature O	Title	Date

jerrys@mackenergycorp.com e-mail Address



P.O. Box 960 Artesia, NM 88211-0960 Office (505) 748-1288 Fax (505) 746-9539

December 23, 2005

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: Rincon State #1,2,3,4,5,6,7,8 Section 20, 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 Grayburg Jackson SR-Q-G-SA and Empire Yeso East production in the Rincon State wells (State of NM Lease B-1266). Production of both pools will be measured at the Rincon State TB located in the NW/4 SE/4, Sec. 20 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

enjl

Jerry W. Sherrell Production Clerk jerrys@mackenergycorp.com

JWS/ Enclosures

SIGNATURE PAGE

The undersigned approves of Mack Energy Corporation's request to Downhole Commingle the following pools. Grayburg Jackson; SR-Q-G-SA and the Empire Yeso East in the Rincon State wells #1,2,3,4,5,6,7,8 Sec 20 T17S R29E.

Rincon State Lease DHC Approval

CHASE OIL CORPORATION

By: Robert C. Chase, President

Date: 1-6-2006

ROBERT C. CHASE

1.Ce By:

Robert C. Chase

RICHARD L. CHASE By: Richard L. Chase

Date: 1-6-2006

Date: 1-9-2006

GERENE DIANNE CHASE CROUCH Dealing in her sole and separate property

trum By Rebecca S. Ericson, Attorney-in-Fact

Date: 12-28-2005

BILL W. CHASE

By: Bill 2. Charl

BUCKHORN ENTERPRISES Thomas Brewer, President

Date: 12-28-2005

Date: 12-28-2005

District I 1621 N. French Drive, Hobbs, NM 68240

District IV

District 11

1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation	P	O. Box 960, Artesia, NM 882	11-0960
Operator	Ad	dress	
Rincon State	1 P-20-17	7S-29E	Eddy
Lease	Well No. Unit Letter	Section-Township-Range	County
OGRID No. 013837 Property Co	de24662 API No. 30-01	5-30652 Lease Type:	Federal XStateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2366-3816'		- 3946-4335'
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)	38.1		38.1
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production.	Date	Date:	Date: 10/31/2005

applicant shall be required to attach production estimates and supporting data.)	Rates:			Rates:		_	Rates: 1	1/74/11	
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil	Gas		Oil	Gas		oil	Ga	IS
than current or put production, supporting data or explanation will be required.)		%	%		%	%		%	%
					-				

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	$\frac{Yes X}{Yes X}$	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes <u>X</u>	No
Will commingling decrease the value of production?	Yes	NoX
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	No
NMOCD Reference Case No. applicable 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-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

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. Bottornhole pressure data.

I hereby certify that the information above is true and comp	plete to the best of my knowledge and beli
--	--

I hereby certify that the information above is true and		belief
SIGNATURE Cerry W. Shenell		DATE 12/21/2005
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE NO.	(505)_748-1288

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

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

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

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088

API Number

Γ

Τ

Pool Code

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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30-015-30652					610			_		East I	Emp	ire Yeso		
Property	Property Code Property Name						Well Number							
24662					<u>.</u>			ON STATE 1 rator Name Elevation						
013837	0.				MA	CK E				RATION			Elevatio 3595	
01000		1			··		Surfac	e Loo	ation				··· 4··	
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UL or lot No.	Section	Townsl	níp	Range	Lot	Idn	Feet fro	m the	North	h/South line		Feet from the	East/West line	County
Dedicated Acre	s Joint c	or Infill	Co	nsolidation	Code	Ord	er No.			_				
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State of New Mexico Energy, Minerals and Natural Resources Departm



Pool Name



Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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

DISTRICT IJ P.O. Drawer DD, Artesia, NM 68211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 67410

DISTRICT IV P.O. BOX 2086, SANTA PE, N.M. 87504-2088 State of New Mexico

Energy, Minerals and Natural Resources Departmen-

Pool Name

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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	Number		1	Pool Co		Pool Name	1				
30-01	5-306	,5Z	2 28509 Grav			Grayburg Jackson SAQGSA					
Property (Code				-	erty Nam	le	Well Number			
24660	2				RINCC	CON STATE 1					
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013837				MAC	CK ENERG	Y COF	RPORATION		3595	5	
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District I bs. NM 88240

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

District III ec NM 874 1 0

District IV

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation		Р.	O. Box 960	, Artesia, NM	88211	-0960	
Operator		Add	lress				
Rincon State	2	P-20-17	S-29E]	Eddy
Lease	Well No.	Unit Letter-	Section-Towns	hip-Range		C	ounty
OGRID No. 013837 Property Co	ode24662	_ API No. 30-015	5-30860	Lease Type	e:	_Federal X_S	State Eee
DATA ELEMENT	UPPE	R ZONE	INTER	MEDIATE ZON	NE	LOWE	RZONE
Pool Name	Grayburg Jack	son SR Q G SA				East Empire Y	eso
PoolCode	28509					96610	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2353-3816'					3930-4235'	
Method of Production (Flowing or Artificial Lift)	Artificial Lif	ì				Artificial Lift	
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1					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: 10/31/2	.005
applicant shall be required to attach production estimates and supporting data.)	Rates:		Rates:		_	Rates: <u>8/54/8</u>	
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.)		% %		%	%	%	%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	$\frac{Yes X}{Yes X}$	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes <u>X</u>	No
Will commingling decrease the value of production?	Yes	<u>No_X</u>
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	No
NMOCD Reference Case No. applicable to this well:		

Attachments:

C-102 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-APPROV <u>, LS</u>

If application is to establish Pre-Approved Pools, the following additional information will be required:

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. Bottornhole pressure data.

I hereby certify that the information above is true and co	omplete to the best of my knowledge and	belief
SIGNATURE <u>Jeny</u> W. Shenell	TITLE Production Clerk	DATE <u>12/21/2005</u>
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE NO.	505) 748-1288

PROVED	POOLS	

, I , #80, Hobbs, NE 88241-1980

STRICT H 7.0. Drawer DD, Artonia, NM 88211-0719

DISTRICT III 1000 Rio Brezos Rd., Aztec, NM 87410 OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

DISTRICT IV P.O. BOX 2068, SANTA FR, N.M. 87504-2068

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30860	Pool Code 28509	GSA				
Property Code	Pr	operty Name	Well Number			
024662	RINCON STATE					
OGRID No.	Ор	erator Name	Elevation			
013837	MACK ENERGY CORPORATION					
	Sur	ace Location				

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Р	20	17 S	29 E		990	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 Acres Joint or Infill Consolidation Code 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

				OPERATOR CERTIFICATION
				I hereby certify the the information contained herein is true and complete to the best of my knowledge and behig!
				Cusic D Carta
				Crissa D. Carter Printed Name
			1	Production Analyst
	· . i	(12/8/99 Data
	i 	· · · · · · · · · · · · · · · · · · ·	l	SURVEYOR CERTIFICATION
	i A Z			I hereby certify that the well location shown on this plat was plotted from field noise of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.
				NOVEMBER 23, 1999 Date Surveyed
			990'	Protein Met
			56 	Certificatio. No. RONALD STEDSON 3239 Million CART EDISON 12041 Million POFE SACTOR 200NALD 12185



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s Santa F

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<i>, 1</i> 80,	Hobbe,	NM	88241-1980

STRICT II 7.0. Drawer DD, Artesia, NM 88211-0719

.

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

DISTRICT IV P.O. BOX 2088, SANTA FX, N.M. 87504-2088 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 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 30-015-30860 96610 East Empire Yeso Property Code Property Name Well Number RINCON STATE 2 024662 **Operator** Name Elevation OGRID No. MACK ENERGY CORPORATION 3599 013837

y**≄** ≈

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Р	20	17 S	29 E		990	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 Acres	Joint o	r Infill Co	nsolidation (Code Ori	der 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

······································	·····	
		OPERATOR CERTIFICATION
		I hereby cortify the the information contained herein is true and complete to the best of my knowledge and belief.
		Signature
		<u>Crissa D. Carter</u> Printed Name
		Production Analyst
		12/8/99 Date
		SURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat was plotted from field notes of actual europy made by me or under my supervisen, and that the same is true and correct to the best of my belief.
		NOVEMBER 23, 1999 Dato Surgeodiminity LMP Signatoria Codi 57
	990'	Professional Surveyors ME4 0 0 0 0 0 0 0 0 0 0 0 0 0
	Co Gi	Certificite. No. RONALD SEDSON 3239 March PROFESSION 12841 March PROFESSION 2000 12185

District I Hobbs, NM 88240

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

District III

NM 874 1 0

District IV

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

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

Gas

%

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	P	O. Box 960, Artesia, NM 882	1-0960
Operator	Ad	dress	
Rincon State	3 J-20-17	'S-29E	Eddy
Lease	Well No. Unit Letter	-Section-Township-Range	County
OGRID No. 013837 Property Co	de <u>24662</u> API No. <u>30-01</u>	5-30675 Lease Type:	Federal XStateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2338-3806'		3916-4258'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		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: 10/31/2005

Rates: 7/48/7 Rates: Rates: Fixed Allocation Percentage (Note: If allocation is based upon something oth oil oil Gas Oil Gas than current or put production, supporting data or % % % % % explanation will be required.)

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	$\frac{Y_{es}X}{Y_{es}X}$	No No
Are all produced fluids from all commingled zones compatible with each other?	YesX	No
Will commingling decrease the value of production?	Yes	No <u>X</u>
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	No
NMOCD Reference Case No. applicable to this well:		

Attachments:

applicant shall be required to attach production

estimates and supporting data.)

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-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

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.	
Bottornhole pressure data.	

I hereby certify that the info	ormation above is true and	complete to the best of my kno 7 	wledge and belief
SIGNATURE Cem	J. W. Shenell		DATE 12/21/2005

TYPE OR	PRINT	NAME Jerr	y W.	Sherrell

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

DISTRICT I P.O. Box 1980, Hobbs, NM 88341-1980

DISTRICT II P.G. Bresser BB, Artonia, RM \$5211-0719

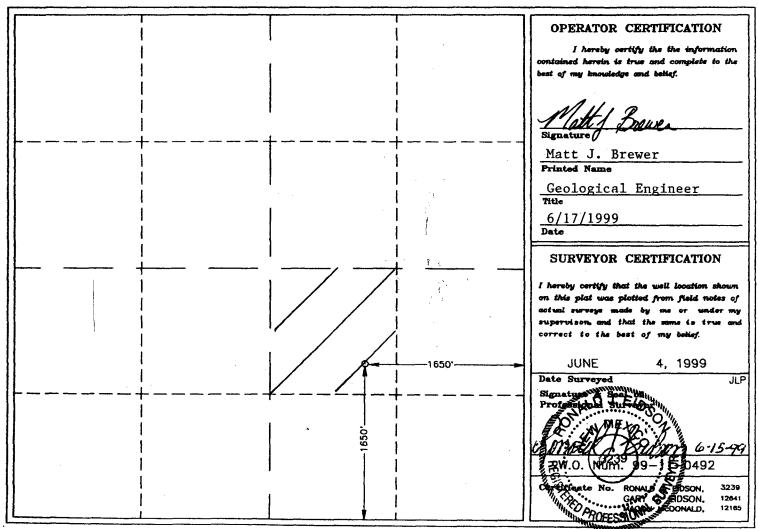
DISTRICT III 1000 Rio Brazos Ed., Astec, NM 87410

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

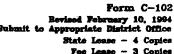
C AMENDED REPORT

API Number Pool Code Pool Name Grayburg Juckson SR QGSA 30.015-30675 Property Code •28509 Property Name Well Number RINCON STATE 3 024662 Operator Name Elevation OGRID No. MACK ENERGY CORPORATION 3605 013837 Surface Location UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the Bast/West line County EAST 29 E 1650 SOUTH 1650 EDDY J 20 17 S Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line UL or lot No. Section Township Range Feet from the East/West line 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



WELL LOCATION AND ACREAGE DEDICATION PLAT





OIL CONSERVATION DIVISION P.O. Box 2088

State of New Mexico

Santa Fe, New Mexico 87504-2088

DISTRICT IV

ruary 10, 1994 State Lease - 4 Copies Yee Lease - 3 Copies DISTRICT I P.O. Bez 1980, Hobbs, HM 88241-1980

DISTRICT II P.O. Brever BD. Artesia, NM 56211-0719

DISTRICT III 1000 Bio Brazos Ed., Axtee, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minarals and Natural Besources Department



Form C-102 Bevised February 10, 1994 Submit to Appropriate District Office State Lesse - 4 Copies Foe Lesse - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

CI AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015	Number `. 3∧/_7	5		Pool Code 610			East Empir	Pool Name e Yeso		
Property C						erty Nam	lê		Well Num	lber
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Dedicated Acres	Joint o	r infill Co	psolidation	Code Or	der No.					
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District I obbs, NM 88240

District IV

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

District III tec NM 874 1 0

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation		Р.	O. Box 960	, Artesia, NM 8	38211	-0960		
Operator		Add	ress					
Rincon State	4	J-20-175	S-29E				Eddy	
Lease	Well No.	Unit Letter-	Section-Townsh	ip-Range			County	
OGRID No. 013837 Property Co	ode24662	API No. <u>30-015</u>	-30943	Lease Type	:	_Federal X	StateF	ee
DATA ELEMENT	UPPEI	R ZONE	INTERN	MEDIATE ZON	E	LOWI	ER ZONE	
Pool Name	Grayburg Jacks	on SR Q G SA				East Empire Y	l'eso	
PoolCode	28509					96610		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2323-3788'					3885-4199'		
Method of Production (Flowing or Artificial Lift)	Artificial Lift					Artificial Lift		
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)								
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1					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:			Date: 10/31/		-
	Rates:		Rates:			Rates: <u>7/48/7</u>		
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.)	%	%		%	%	%	,	%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	$\frac{Yes X}{Yes X}$	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes <u>X</u>	No
Will commingling decrease the value of production?	Yes	NoX
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	_ No
NMOCD Reference Case No. applicable to this well:		

Attachments:

C-102 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-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Po Bottornhole pressure data.	S S	
I hereby certify that the information above is true and SIGNATURE <u>Certy W. Shenell</u> TYPE OR PRINT NAME Jerry W. Sherrell	complete to the best of my knowledge and	l belief
SIGNATURE (un D. Shenell	TITLE Production Clerk	DATE 12/21/2005
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE NO.	(505) 748-1288

ARICT I 9.0. Box 1960, Hobbe, NM 88841-1980

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

30-01	Number	347		Pool Code 8509		G	ayburg Jack	500	Pool Name SR QG	SA	
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24662					RINCO	N STA	TE			4	
OGRID No	D.				-	tor Nam				Elevatio	
13837				MACK	ENERG	YCOH	PORATION			3615	· · · · · · · · · · · · · · · · · · ·
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UL or lot No.	Section	Township	Range	Lot Idn	Feet fro		North/South line		t from the	East/West line	County
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			Bottom	Hole Lo	cation I	f Diffe	rent From Sur	face			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Fee	t from the	East/West line	County
		<u> </u>			<u> </u>						<u> </u>
Dedicated Acres	Joint o	r Infill Co	onsolidation (Code 01	rder No.					х -	
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State of New Mexico Snergy, 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

OIL CONSERVATION DIVISION

AMENDED REPORT

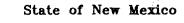




DISTRICT II P.O. Drawer DD, Artonia, NM 55211--0719

DISTRICT III 1000 Bio Branos Rd., Anteo, NM 87410

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







Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 30-015-30943 96610 East Empire Yeso Property Code **Property** Name Well Number RINCON STATE 4 24662 **Operator** Name Elevation OGRID No. MACK ENERGY CORPORATION 3615 13837 Surface Location North/South line UL or lot No. Section Township Range Lot Idn Feet from the Feet from the East/West line County 20 17 S 29 E 2310 SOUTH 2310 EAST EDDY J Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line UL or lot No. Section Feet from the East/West line 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 **OPERATOR CERTIFICATION** I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Crissa D. Carter Printed Name Production Analyst Title no Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of 2310 actual surveys made by me or under my supervisor, and that the same is true and correct to the best of my belief. 11, 2000 Date Surreyted Signature a Spal of Signature a Spal of JLP Ional Surve 'n 01-21-2000 WO. Unun. **10-15**040 TOPDALE NO. ROMALDC EIDSON, 3239 PROFESSION MEDONALD, 12641 12165

District I Hobbs, NM 88240 District 11 1301 W. Grand Avenue Artesia NM 88210 District III

Brazos Road, Aztec, NM 874 1 0

District IV

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

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

%

%

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation	Р	O. Box 960, Artesia, NM 8821	1-0960
Operator	Ad	dress	
Rincon State	5 P-20-17	7S-29E	Eddy
Lease	Well No. Unit Letter	-Section-Township-Range	County
OGRID No. 013837 Property Co	de <u>24662</u> API No. <u>30-01</u>	5-31810 Lease Type:	Federal XStateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2354-3827'		3905-4275'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		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: 10/31/2005
(Note: For new zones with no production history, applicant shall be required to attach production	Date.		Date. Toro in 2000
estimates and supporting data.)	Rates:	Rates:	Rates: <u>13/88/13</u>
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas	Oil Gas	0il Gas

ADDITIONAL DATA

%

%

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	$\frac{Yes X}{Yes X}$	No No
Are all produced fluids from all commingled zones compatible with each other?	YesX	No
Will commingling decrease the value of production?	Yes	<u>No</u> X
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	_ No
NMOCD Reference Case No. applicable to this well:		

Attachments:

than current or put production, supporting data or

explanation will be required.)

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.

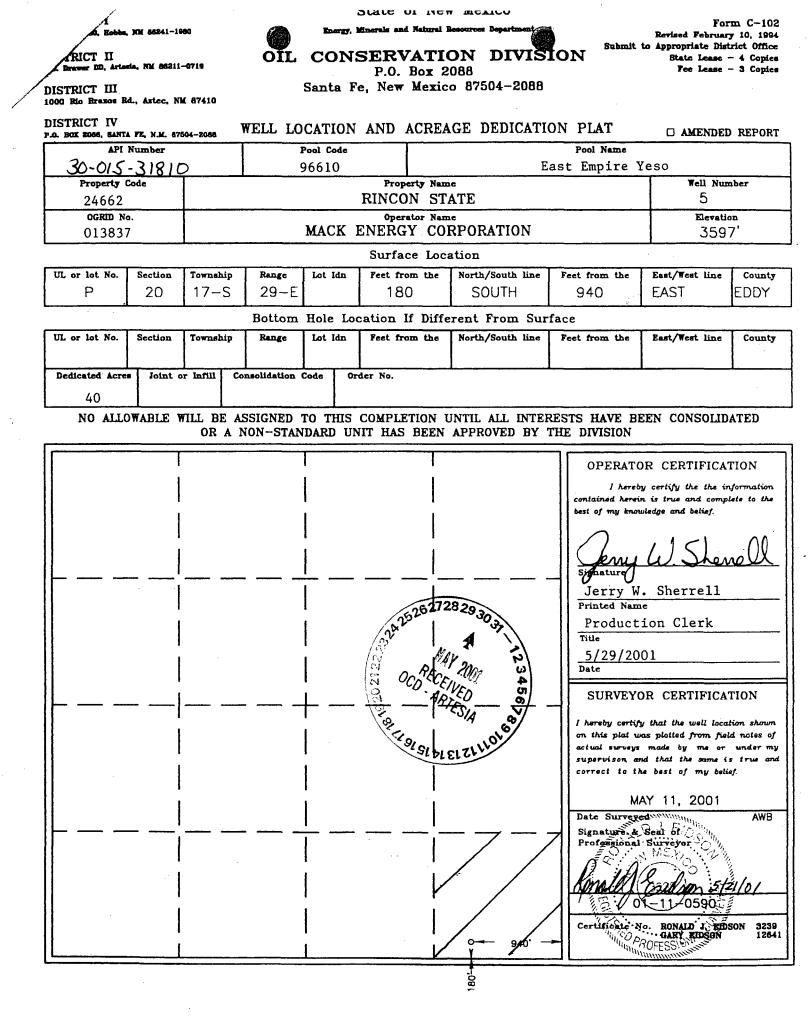
PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

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. Bottornhole pressure data. I hereby certify that the information above is true and com lata ta tha hast of 1 I I' C . . .

Thereby certify that the information above is true and c	omplete to the best of my knowledge a	and belief	
SIGNATURE Cerus W. Shenell	TITLEProduction Clerk	DATE 12/21/2005	
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE N	O. (505) 748-1288	

P 20 17-S 29-E 180 SOUTH 940 EAST EDD' Bottom Hole Location If Different From Surface	1				State	OL 1467	MCALCO		_	
CICT II OIL CONSERVATION DIVISION Bata Summer Status Bata Summer Status Bata Summer Status Santa Fe, New Mexico 87504-2088 Bata Summer Status Santa Fe, New Mexico 87504-2088 DISTRICT II DOB No Braves BL, Aster, NK 87610 WELL LOCATION AND ACREAGE DEDICATION PLAT DAMENDED REPC 30-0/5-3/8/0 Pool Code Pool Name Pool Name Well Number 26662 RINCON STATE 5 0GRD No. Operator Name Surface Location Surface Location VL or lot No. Section Township Range Lot ldn Peet from the North/South line Peet from the East/West line Cour VL or lot No. Section Township Range Lot ldn Peet from the North/South line Peet/West line Cour UL or lot No. Section Township Range Lot ldn Peet from the North/South line Peet from the East/West line Cour UL or lot No. Section Township Range Lot ldn Peet from the Peet/West line Cour UL or lot No. Section Township Range Lot ldn Peet	1 . Bobbs, NK 862	41-1980		Ener	rgy, Minerals an	d Natural I	issources Department			
Average ED, Jatada, FR #2211-9718 P.O. BOX 2068 Fee Lases - 3 Coj DISTRUCT III Santa Fe, New Mexico 87504-2088 DAMENDED REFC. JOD BB. HEARS MA, AALE, INK 8761-3008 WELL LOCATION AND ACREAGE DEDICATION PLAT DAMENDED REFC. JOSTRICT IV Pack and mode, Mart FK, NA 4760-3008 WELL LOCATION AND ACREAGE DEDICATION PLAT DAMENDED REFC. JOSTRICT V Pack and mode, Mart FK, NA 4760-3008 WELL LOCATION AND ACREAGE DEDICATION PLAT DAMENDED REFC. JOSTRICT V Pack and mode, Mart FK, NA 4760-3008 WELL LOCATION AND ACREAGE DEDICATION PLAT DAMENDED REFC. JOSTRICT V Pack and mode, Mart FK, NA 4760-3008 Pool Name Pool Name Pool Name 24662 RINCON STATE 5 Observice Name Vall Number 20013837 MACK ENERGY CORPORATION 35597 Sourface Location Sourface Location UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the Ent/Veet line Court UL or lot No. Socian Township Range Lot Idn Feet from the North/South line Feet from the Ent/Veet line Court UL or lot	RICT II		OIL	co	NSER	VATIO	ON DIVIS	ION Submit		
1000 Ho. Breace Hd., Arte., Nd 87410 DISTRICT IV AR Number WELL LOCATION AND ACREAGE DEDICATION PLAT □ AMENDED REPC Pool Name APT Number Peol Code Property Name Peol Name 30-015 - 3181/0 28509 Granburg Jectson SR QG-SA Property Code Property Name Section Section 24662 RINCON STATE 5 0GRED No. Operator Name Section Section UL or lot No. Section Tornahlp Range Lot Ida Feet from the Sect/West line Court VL or lot No. Section Tornahlp Range Lot Ida Feet from the SoUTH 940 EAST EDD Bottom Hole Location If Different From Surface UL or lot No. Section Tornahlp Range Lot Ida Feet from the North/South line Feet from the Bast/West line Court UL or lot No. Section Tornahlp Range Lot Ida Feet from the North/South line Feet from the Bast/West line Court UL or lot No. Soction Tornahlp Range Lot Ida Feet from the	. Brewer DD, Artonia, NM 8	182110719			P.0.	Box 2	088			-
DISTRICT IV JA, BUX BMA, MATL PL, NL 67804-3068 WELL LOCATION AND ACREAGE DEDICATION PLAT DAMENDED REPORT TO AMENDED REPORT 30-0/5-318/0 Development State Feel Number 30-0/5-318/0 Constants Feel Number 28509 Grandburg Jackson SR @G.SA Property Code Property Name Will Number States States Will Number 24662 RINCON STATE 5 States 5 006800 No. MACK ENERGY CORPORATION 3597' Surface Location UL or lot No. Section Tormahip Range Lot Idn Peet from the North/South line Peet from the East/West line Court Bottom Hole Location If Different From Surface UL or lot No. Section Tormahip Range Lot Idn Peet from the East/West line Court Dedicated Agree Joint or Infill Consolidation Code Order No. O O No ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNTI HAS BEEN APPROVED BY THE DIVISION Jerry W. Sherrell Jerry W. Sherrell Signature Si		c. NM 87410		Santa	Fe, New	Mexiĉ	o 87504–2088			
Description WELL LOCATION AND ACREACE DEDICATION PLAT Description APP Number APP Number Projecty Code Projecty Name Projecty Name Vell Number 24662 RINCON STATE 5 Surface Location Surface East/West line Court UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line Court P 20 17-S 29-E 180 SOUTH 940 East/West line Court 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 Court Dedicated Acres Joint or Infill Consolidation Code Order No. Order No. Operator No. Court NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTH ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION Je										
30-0/5-318/0 28509 Grayburs Jackson SR @654 Property Name Well Number 24662 RINCON STATE 5 000000000000000000000000000000000000		6. 67504-2086	WELL LO)CATI	ON AND	ACREA	GE DEDICATI	ON PLAT	🗆 AMENDEI	REPORT
Property Name Well Number 24662 Well Number 24662 STRINCON STATE 5 OGEN No. OPERATION STREAT NAME Mereation mane 5 OUT OF THE SECTION SURFACE LOCATION SUFFACE LOCATION SUFFACE LOCATION UL or lot No. Section Townably Range Lot Idn Feet from the Sect/Feet line Court Deltors Hole Location If Different From Surface UL or lot No. Section Townably Range Lot Idn Feet from the Sect/West line Court Dedicated Acres Joint or Influ Consolidation Code Order No. OPERATOR CERTIFICATION OPERATOR CERTIFICATION Joint or Influ Consolidation Code OPERATOR CERTIFICATION Joint or Influ Consolidation Code OPERATOR CERTIFICATION	-	-	1				<u> </u>		0.0.40	
24662 RINCON STATE 5 OGRID No. 013837 Operator Name Partor Name MACK ENERGY CORPORATION 3597' UL or lot No. P Section 20 Township 17-S Range 29-E Lot Idn Feet from the Peet from the SOUTH Feet from the 940 East/West line EAST Court EDD Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Range Lot Idn Feet from the North/South line Feet from the Peet from the East/West line Court Court Dedicated Acres Joint or Influi Consolidation Code Order No. 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 OPERATOR CERTIFICATION 0 // 0. // 0. // 0. // 0. // 0. // 0. // 0. 0 // 0. // 0. // 0. // 0. // 0. // 0. // 0. 0 // 0. // 0. // 0. // 0. // 0. // 0. // 0. 0 // 0. // 0. // 0. // 0. // 0. // 0. // 0. 0 // 0. // 0. // 0. // 0. // 0. // 0. // 0. 0 // 0. // 0. // 0. // 0. //		810		1850				Jackson SK		······
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District I 1621 N. French Dr ve, Hobbs, NM 88240 District 11 1301 W. Grand Avenue, Artesia, NM 88210 District III

Aztec, NM 874 1 0

District IV

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

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 \underline{X} Single Well X Establish Pre-Approved Pools EXISTING WELLBORE X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation		P.	O. Box 960	, Artesia, NM 8821	1-0960	
Operator		Add	ress			
Rincon State	6	P-20-17	S-29E		Edd	dy
Lease	Well No.	Unit Letter-	Section-Townsh	ip-Range	Count	ty
OGRID No. 013837 Property	Code <u>24662</u>	API No. 30-015	-32063	Lease Type:	Federal XStat	eFee
DATA ELEMENT	UPPE	ER ZONE	INTER	MEDIATE ZONE	LOWER Z	LONE
Pool Name	Grayburg Jack	son SR Q G SA			East Empire Yeso)
PoolCode	28509				96610	

Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2358-3828'		3937-4289'
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% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		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: Rates:	Date: Rates:	Date: 10/31/2005 Rates: 5/34/5
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	01l Gas
than current or put production, supporting data or explanation will be required.)	% %	% %	% %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	$\frac{Yes X}{Yes X}$	No No
Are all produced fluids from all commingled zones compatible with each other?	YesX	No
Will commingling decrease the value of production?	Yes	NoX
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	No
NMOCD Reference Case No. applicable 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-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the prop List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were Bottornhole pressure data.		
I hereby certify that the information above is true and complete SIGNATURE Curry W. Shenell TITLE	te to the best of my knowledge and belief EProduction Clerk DATE 12/21/2005	
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE NO. (505) 748-1288	_

DISTRICT I P.O. Box 1980, Hobbs, DISTRICT II P.O. Drawer DD, Artes DISTRICT III 1000 Rio Brazos Rd	in. NM 88211	-0719	OIL	со	N	SERVA P.O. Bo	ural R TIC x 2(esources Department) Submit (For Revised Februar to Appropriate Dist State Lease - Fee Lease -	rict Office 4 Copics
DISTRICT IV P.O. BOX 2088, SANTA	FE, N.M. 87	504-2088	WELL LC	CATI	ON	AND AC	REA	GE DEDICATI	ON PLAT		REPORT
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013837				MAC	K]	ENERGY	COF	RPORATION		3597	7' <u> </u>
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DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

P.U. Drawer DD, Arcea	18, NA 00211	-0/18			P.0.	Box 2	088		Fee Lease	- 3 Copies
DISTRICT III 1000 Rio Brazos Ro	d., Aztec, Nh	87410		Santa F	'e, New	Mexic	o 87504-2088			
DISTRICT IV P.O. BOX 2088, SANTA		04-2088			AND	ACREA	GE DEDICATI	ON PLAT	🗅 AMENDEI	REPORT
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Property C	Code				-	erty Nam			Well Nur	aber
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District I	State of New Mexico	Form C-107A Revised June 10, 2003
1621 N. French Drive, Hobbs, NM 88240	Energy, Minerals and Natural Resources Department	Revised suite 10, 2005
<u>District []</u> 1301 W. Grand Avenue, Artesia, NM 88210	Oil Conservation Division	APPLICATION TYPE
District III	1220 South St. Francis Dr.	X_Single Well
1000 Rio Brazos Road, Aztec, NM 874 1 0	Santa Fe, New Mexico 87505	X Establish Pre-Approved Pools
District IV		EXISTING WELLBORE
1220 S. St Francis Dr., Santa Fe, NM 87505	APPLICATION FOR DOWNHOLE COMMINGLING	X Yes No

Mack Energy Corpor	ration	P.O. Box 960,	Artesia, NM 882	11-0960	
Operator		Address			
Rincon State	7	J-20-17S-29E		<u>E</u>	ddy
Lease	Well No.	Unit Letter-Section-Townsh	ip-Range	Cor	unty
OGRID No. 013837	Property Code24662	API No. 30-015-32158	Lease Type:	Federal XS	tateFee

LOWER ZONE UPPER ZONE **INTERMEDIATE ZONE** DATA ELEMENT b East Empire Yeso Grayburg Jackson SR Q G SA Pool Name 96610 PoolCode 28509 Top and Bottom of Pay Section 3900-4216' 2334-3798' (Perforated or Open-Hole Interval) Method of Production Artificial Lift Artificial Lift (Flowing or Artificial Lift) Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone) Oil Gravity or Gas BTU (Degree API or Gas BTU) 38.1 38.1 Producing, Shut-In or New Zone Producing New Zone Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, Date: 10/31/2005 Date: Date: applicant shall be required to attach production estimates and supporting data.) Rates: Rates: 5/34/5 Rates: oil oil Fixed Allocation Percentage (Note: If allocation is based upon something other Gas Oil Gas Gas than current or put production, supporting data or % % % % % % explanation will be required.)

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	$\frac{Y_{es}X}{Y_{es}X}$	No No
Are all produced fluids from all commingled zones compatible with each other?	YesX	No
Will commingling decrease the value of production?	Yes	No <u>X</u>
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	No
NMOCD Reference Case No. applicable 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-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

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.

Bottornhole pressure data

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I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE Jeny W. Shenel	TITLEProduction Clerk	DATE 12/21/2005
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE NO. (505) 748-1288

AICT I Box 1980, Hodda, NM 88241-1980

3 /

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

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

DISTRICT IV P.O. BOX 2068, SANTA FE, N.M. 67504-2086

OIL CONSERVATION DIVISION

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

□ AMENDED REPORT

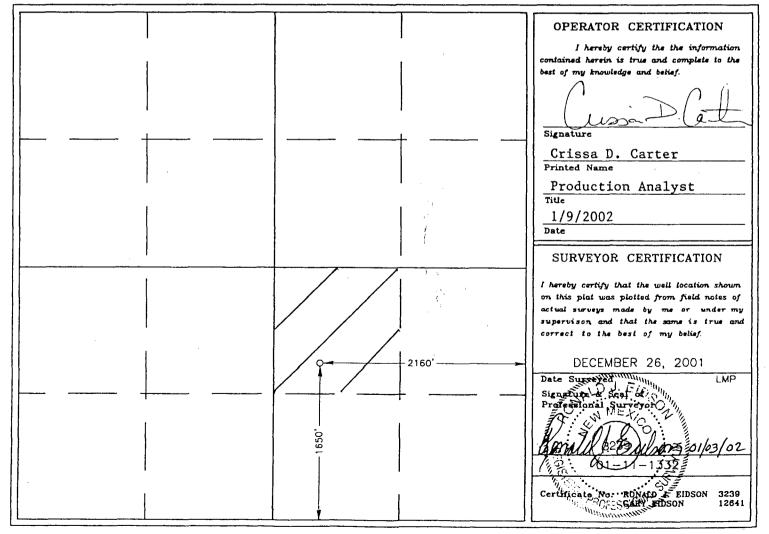
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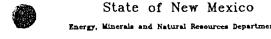
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UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	20	17 S	29 E		1650	SOUTH	2160	EAST	EDDY

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 Acres	Joint o	r Infill Co	nsolidation (Code Ore	ier 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







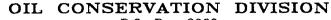
AICT I A. Box 1980, Hobbe, NM 88241-1980

3 /

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

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

DISTRICT IV P.O. BOX 2088, SANTA PE, N.M. 87504-2088



State of New Mexico

Energy, Minerals and Natural Resources Department

P.O. Box 2088 Santa Fe, New Mexico 87504-2088 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

□ AMENDED REPORT

Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number			1	Pool Code		Pool Name						
30.015.32158				96610	t Empire Yeso							
Property C 24662	Code					Well Number 7						
OGRID No				 \r \ r		ator Nam			Elevation			
013837	·	<u>l</u>		MA		LKGI	CURP.		3608	<u> </u>		
Surface Location												
UL or lot No.	Section	Township	Range Lot Idn Feet from			m the North/South line Feet from the			East/West line	County		
J 20 17 S 29 E					16	50	SOUTH	2160	EAST	EDDY		
Bottom Hole Location If Different From Surface												
UL or lot No.	Section	Township	Range	Lot Idn Feet from		m the	North/South line	Feet from the	East/West line	County		
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Dedicated Acres	s Joint o	or Infill Co	nsolidation (Code Or	der No.							
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NU ALLU	TADLE I						APPROVED BY		TONSOLIDI	ALED		
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District I 1621 N. French Dr Hobbs, NM 88240 District 11 1301 W. Grand Avenue, Artesia, NM 88210 District III ztec. NM 874 1 0 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation	P.O. Box 960, Artesia, NM 88211-0960								
Operator	А	ddress							
Rincon State	8 J-20-1	7S-29E	Eddy						
Lease	Well No. Unit Lette	r-Section-Township-Range	County						
OGRID No. 013837 Property Co	de <u>24662</u> API No. <u>30-0</u>	15-34383 Lease Type:	Federal XStateFee						
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE						
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso						
PoolCode	28509		96610						
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2330-3820'		3880-4300'						
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift						
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)									
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		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:						
estimates and supporting data.)	Rates:	Rates:	Rates:						
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.)	% %	6 % %	% %						

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	$\frac{Yes X}{Yes X}$	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes <u>X</u>	No
Will commingling decrease the value of production?	Yes	<u>No</u> X
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	No
NMOCD Reference Case No. applicable 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-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within t	he proposed Pre-Approved Pools	
List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pool Bottornhole pressure data.	ls were provided notice of this application.	
I hereby certify that the information above is true and co	omplete to the best of my knowledge and be	lief
SIGNATURE Jerry W. Shenall	TITLEProduction Clerk	DATE 12/21/2005
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE NO. (505) 748-1288
E-MAIL ADDRESSjerrys@mackenergycorp.com		

DISTRICT I 1625 N. FRENCH DR., 180	HBS. NM 882	240	Energy, Minerals and Natural Resources Department Form C-102									
DISTRICT II 1301 V. GRAND AVENUE, DISTRICT III 1000 Rio Brazos Rd.	ARTESIA, NM	88210	Form C-102 Revised JUNE 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies									
DISTRICT IV 1220 S. ST. FRANCIS DR.	. SANTA PE, I	NM 87505	WELL LO	OCATION	AND	ACREA	GE DEDICATI	ON PLAT	AMENDED REPORT			
API N 30-015-			-	Pool Code			Empli	Pool Name e Yeso Ea				
Property Co	de		•		Prop RINCO	erty Nam	1e		Well Number			
24662 Ogrid No.				Oper	ator Nam	Ne		Elevation				
013837				MACK I			RPORATION		3609)'		
UL or lot No.	Section	Township	Range	Lot Idn	Surfa	ce Loca	North/South line	Feet from the	East/West line	Country		
J	20	17-S	29-E	1	220		SOUTH	1650	EAST	County EDDY		
L I	······	L	Bottom	Hole Loc	eation	f Diffe	rent From Sur	face		L		
UL or lot No.	Section	Township	Range	Lot Idn	Feet fre	om the	North/South line	Feet from the	East/West line	County		
Dedicated Acres 40	Joint o	r Infill Co) onsolídation	Code Or	der No.					1		
NO ALLOW	VABLE W						INTIL ALL INTER APPROVED BY		EN CONSOLIDA	ATED		
				Ţ				OPERATO	R CERTIFICAT	TION		
			NAD 2 Y=6616 X=5737	OORDINATE 7 NME 665.1 N 757.0 E 9'07.59" N 05'35.69"	1			contained hereis best of my know Signature Jerry W Printed Nam Product Title 12/23/2 Date SURVEYO I hereby certify on this plat we actual surveys supervison, an correct to the	W. Shen . Sherrell e ion Clerk 005 PR CERTIFICAT that the well locath adde by me or d that the same is best of my belief MBER 26, 200 d	TION Inotes of under my true and		
					22(Corriticate No	RONALD IS ENSC	0/10/05 NN 3239		

DISTRICT I

DISTRICT II 1301 W. GRAND AVENUR, ARTESIA, MIL 66210 DISTRICT III			OIL	1220	SOUTH	ST.	ON DIVIS FRANCIS DR. exico 87505	ION Submi	it to Appropriate D State Lease	istrict Office = - 4 Copies = - 3 Copies	
1000 Rio Brazos E DISTRICT IV	kd., Aztec, N	M 87410									
1220 S. ST. FRANCIS I	DE. SANTA PE.	NM 87505				ACREA	GE DEDICATI		AMENDED REPORT		
	Number			Pool Code			C. I.	Pool Name Jackson SI	2 DC SD		
30-015		T	<	28209	Dese	perty Nam		Jackson SI			
Property 24662						DN ST			8	Well Number	
OGRID N						rator Nam				Elevation	
01383				MACK	-		RPORATION		3609		
Surface Location											
UL or lot No.	Section	Township	Range	Lot Idn	Feet fi	om the	North/South line	Feet from the	East/West line	County	
J	20	17-5	5 29-E		22	04	SOUTH	1650	EAST	EDDY	
			Bottom	Hole Lo	ocation	If Diffe	erent From Sur	face			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fi	om the	North/South line	Feet from the	East/West line	County	
Dedicated Acre	s Joint o	r Infill (onsolidation	Code C	Irder No.	<u> </u>	<u> </u>			l	
40											
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		OR A	NON-STAN	IDARD U	NIT HAS	5 BEEN	APPROVED BY	THE DIVISION			
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	1			I		1		1 hereb	y certify the the in	formation	
								contained herein	is true and comple		
	1			1		1		best of my know	ledge and belief.		
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				1		, 1			W. Shen	all	
	'				· ·			Signature	Shorroll		
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	1		Y=661665.1 N					Production Clerk			
	1		X=573757.0 E					Title 12/23/2005			
			LAT.=32*49	07.59"	N			Date			
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State of New Mexico

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Energy, Minerals and Natural Resources Department

DISTRICT I 1625 N. FRENCH DR., HOBBS, NN 88240

Form C-102 red JUNE 10, 2003 10 -----i -