

ABOVE THIS LINE FOR DIVISION USE ONLY

3615

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]

[1]

TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- [D] Other: Specify _____

2006 JUN 3 PM 3 24

[2]

NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [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

[3]

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4]

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
 Print or Type Name

Jerry W. Sherrell
 Signature

Production Clerk
 Title

12/28/2005
 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

A handwritten signature in black ink that reads "Jerry W. Sherrell".

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.

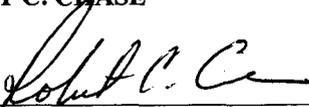
Rincon State Lease DHC Approval

CHASE OIL CORPORATION

By: 
Robert C. Chase, President

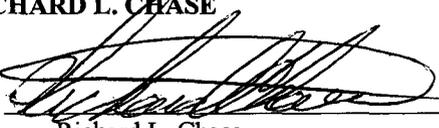
Date: 1-6-2006

ROBERT C. CHASE

By: 
Robert C. Chase

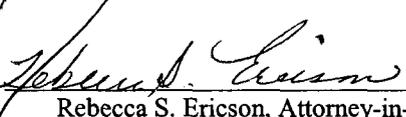
Date: 1-6-2006

RICHARD L. CHASE

By: 
Richard L. Chase

Date: 1-9-2006

GERENE DIANNE CHASE CROUCH
Dealing in her sole and separate property

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

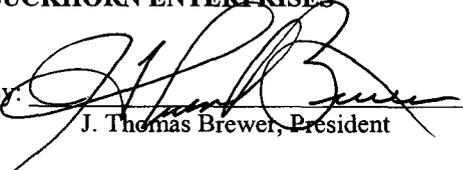
Date: 12-28-2005

BILL W. CHASE

By: 
Bill W. Chase

Date: 12-28-2005

BUCKHORN ENTERPRISES

By: 
J. Thomas Brewer, President

Date: 12-28-2005

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 II
1301 W. Grand Avenue, Artesia, NM 88210

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

APPLICATION TYPE
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation

P.O. Box 960, Artesia, NM 88211-0960

Operator

Address

Rincon State

1

P-20-17S-29E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 24662 API No. 30-015-30652 Lease Type: Federal State Fee

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 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: _____ Rates: _____	Date: _____ Rates: _____	Date: <u>10/31/2005</u> Rates: <u>11/74/11</u>
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 _____ % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No _____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No _____

Are all produced fluids from all commingled zones compatible with each other? Yes No _____

Will commingling decrease the value of production? Yes _____ No

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.
- Bottomhole pressure data.

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

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 12/21/2005

TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

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. Drawer DD, Artesia, NM 88211-0719

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30652	Pool Code 96610	Pool Name East Empire Yeso
Property Code 24662	Property Name RINCON STATE	Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3595

Surface Location

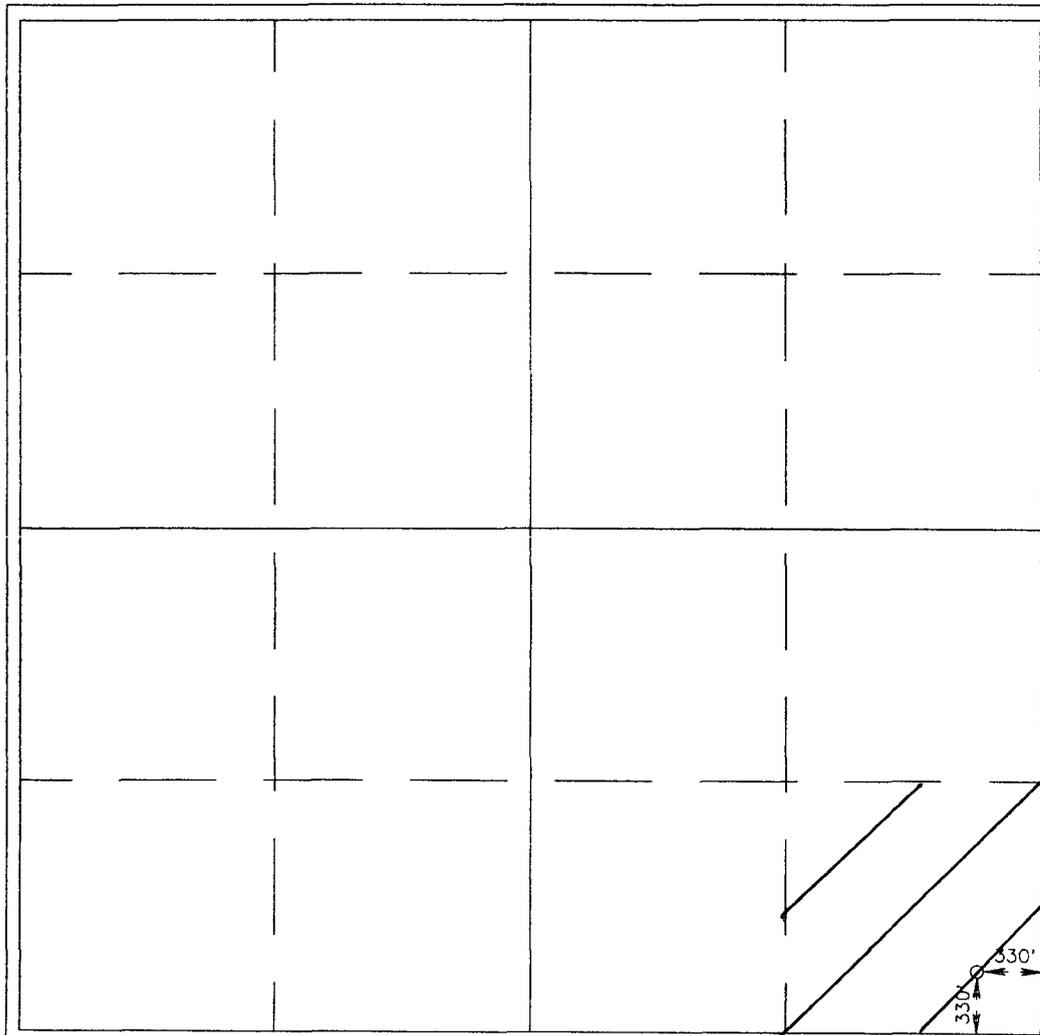
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
=	20	17 S	29 E		330	SOUTH	330	EAST	EDDY

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 40	Joint or Infill	Consolidation Code	Order No.
------------------------------	-----------------	--------------------	-----------

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.

Matt J. Brewer
Signature

Matt J. Brewer
Printed Name

Geological Engineer
Title

5-19-99
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 supervision, and that the same is true and correct to the best of my belief.

APRIL 29, 1999

Date Surveyed _____ DMCC

Signature & Seal of Professional Surveyor

Ronald J. Eidson
Professional Surveyor No. 3249-0343

5-06-99

09-11-0343

Certified No. RONALD J. EIDSON 3239
GARY EIDSON 12641
RONALD J. McDONALD 12185

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

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. Drawer DD, Artesia, NM 88211-0719

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30652	Pool Code 28509	Pool Name Grayburg Jackson SA QG SA
Property Code 24662	Property Name RINCON STATE	Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3595

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
=	20	17 S	29 E		330	SOUTH	330	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

	<p align="center">OPERATOR CERTIFICATION</p> <p align="center"><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p align="center"><u>Matt J. Brewer</u> Signature</p> <p align="center"><u>Matt J. Brewer</u> Printed Name</p> <p align="center"><u>Geological Engineer</u> Title</p> <p align="center"><u>5-19-99</u> Date</p>
	<p align="center">SURVEYOR CERTIFICATION</p> <p align="center"><i>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 supervision, and that the same is true and correct to the best of my belief.</i></p> <p align="center">APRIL 29, 1999</p> <p>Date Surveyed _____ DMCC</p> <p>Signature _____ Professional Surveyor</p>
	<p align="center"> </p>
	<p> Certificate No. <u>RONALD S. EDSON</u> 3239 <u>GARY EDSON</u> 12641 <u>McDONALD</u> 12185 </p>

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 II
1301 W. Grand Avenue, Artesia, NM 88210

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

APPLICATION TYPE
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation P.O. Box 960, Artesia, NM 88211-0960
Operator Address
Rincon State 2 P-20-17S-29E Eddy
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 013837 Property Code 24662 API No. 30-015-30860 Lease Type: Federal State Fee

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)	2353-3816'		3930-4235'
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: _____ Rates: _____	Date: _____ Rates: _____	Date: 10/31/2005 Rates: 8/54/8
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 % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

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.
- Bottomhole pressure data.

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

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 12/21/2005

TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30860	Pool Code 28509	Pool Name Grayburg Jackson SR @ GSA
Property Code 024662	Property Name RINCON STATE	
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	
		Well Number 2
		Elevation 3599

Surface Location

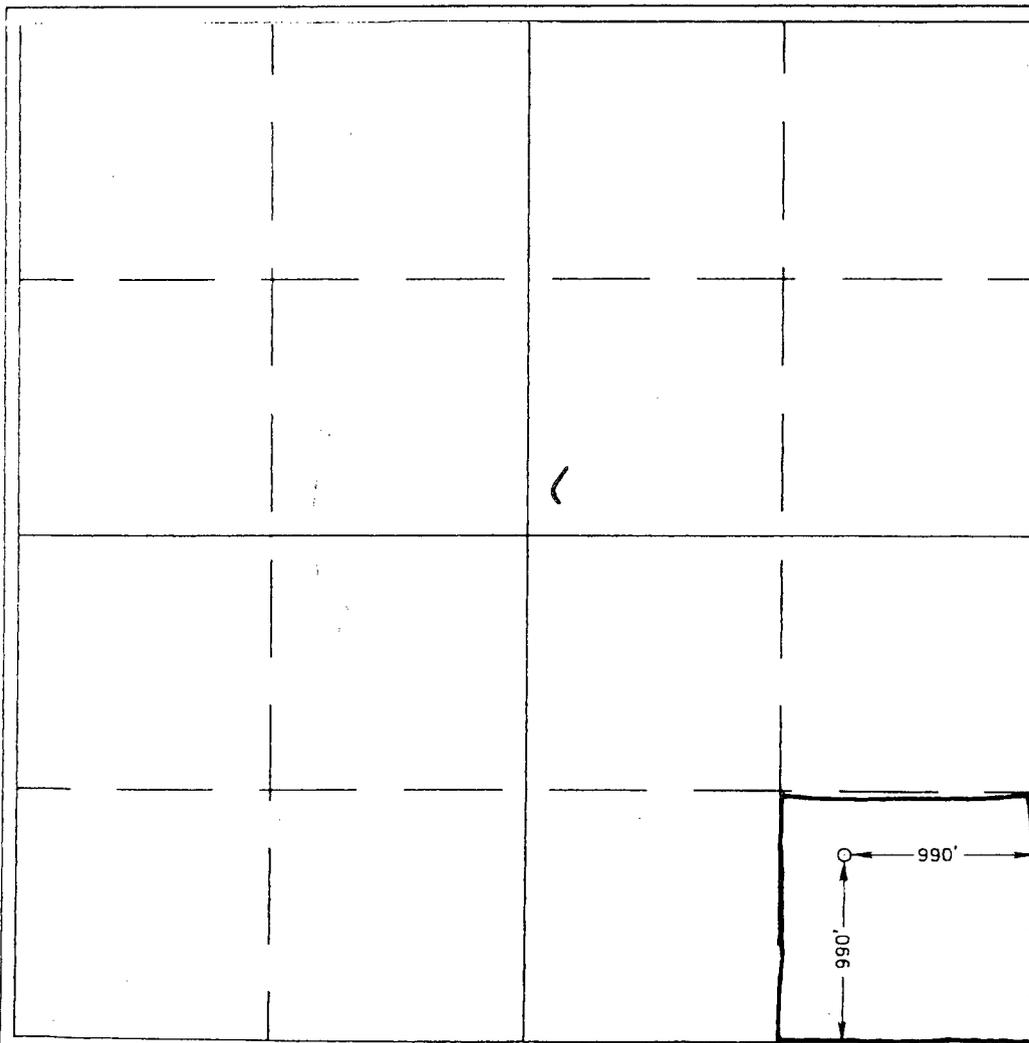
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	17 S	29 E		990	SOUTH	990	EAST	EDDY

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 40	Joint or Infill	Consolidation Code	Order No.
------------------------------	-----------------	--------------------	-----------

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.

Crissa D Carter
 Signature

Crissa D. Carter
 Printed Name

Production Analyst
 Title

12/8/99
 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 supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 23, 1999
 Date Surveyed

Signature of Ronald E. Edson
 Professional Surveyor

Ronald E. Edson
 Signature

3239
 89-11-1009

Certificate No. RONALD E. EDSON 3239
 GARY EDSON 12641
 MACK EDONALD 12185

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

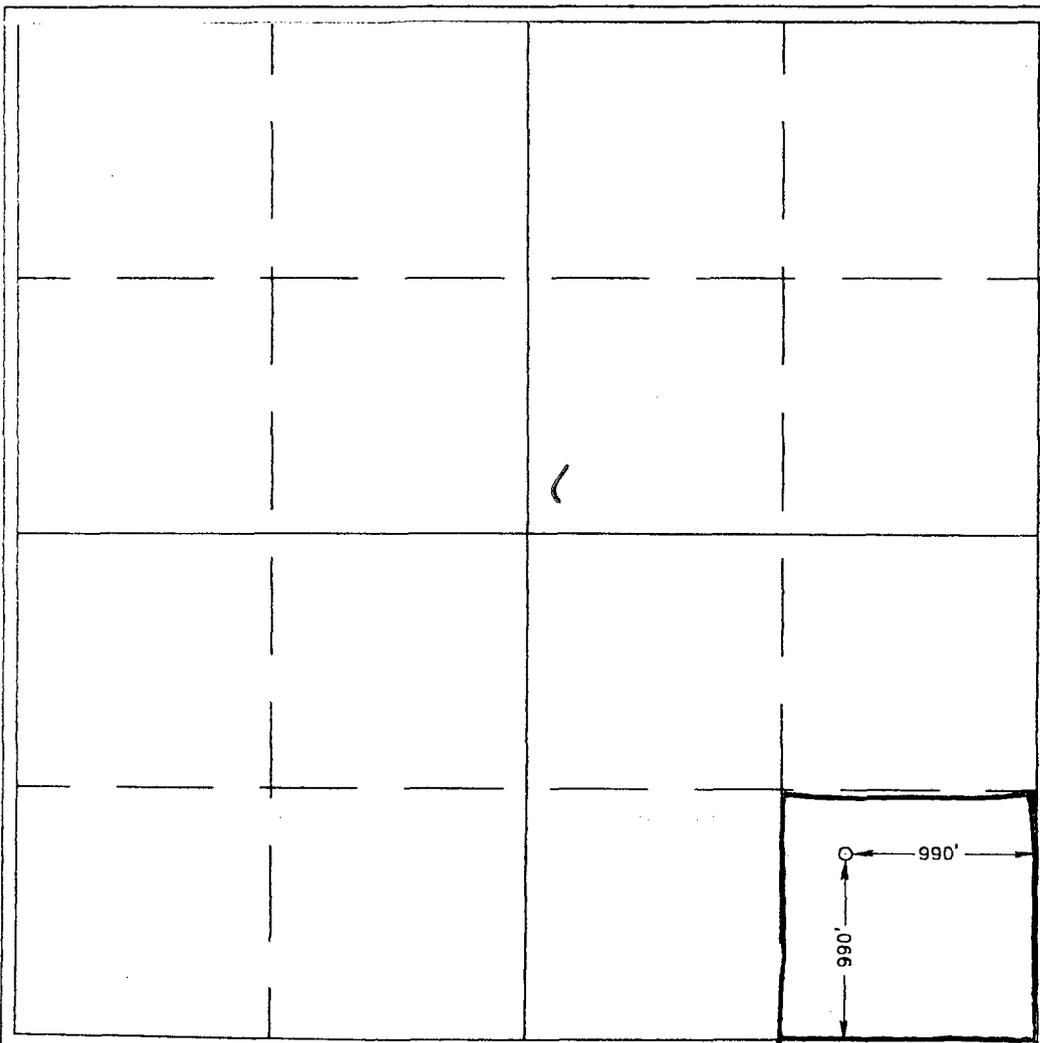
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	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 40	Joint or Infill	Consolidation Code	Order No.						

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 that the information contained herein is true and complete to the best of my knowledge and belief.

Crissa D Carter
 Signature

Crissa D. Carter
 Printed Name

Production Analyst
 Title

12/8/99
 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 supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 23, 1999
 Date Surveyed

Signature: *Ronald E. Edson*
 Professional Surveyor
 LMP

NEW MEXICO
 PROFESSIONAL SURVEYORS
 3239
 99-11-1009

Certificate No. RONALD E. EDSON 3239
 GARY KIDSON 12841
 MACK DONALD 12185

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

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

District III
1000 Rio Brazos Road, Aztec, NM 87410

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
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation P.O. Box 960, Artesia, NM 88211-0960
Operator Address

Rincon State 3 J-20-17S-29E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 013837 Property Code 24662 API No. 30-015-30675 Lease Type: Federal State Fee

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, applicant shall be required to attach production estimates and supporting data.)	Date: _____ Rates: _____	Date: _____ Rates: _____	Date: <u>10/31/2005</u> Rates: <u>7/48/7</u>
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 _____ % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No _____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No _____

Are all produced fluids from all commingled zones compatible with each other? Yes No _____

Will commingling decrease the value of production? Yes _____ No _____

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.
- Bottomhole pressure data.

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

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 12/21/2005

TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288

E-MAIL ADDRESS jerrys@mackenergycorp.com

DISTRICT I
P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0719

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30675	Pool Code 28509	Pool Name Grayburg Jackson SR Q G SA
Property Code 024662	Property Name RINCON STATE	Well Number 3
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3605

Surface Location

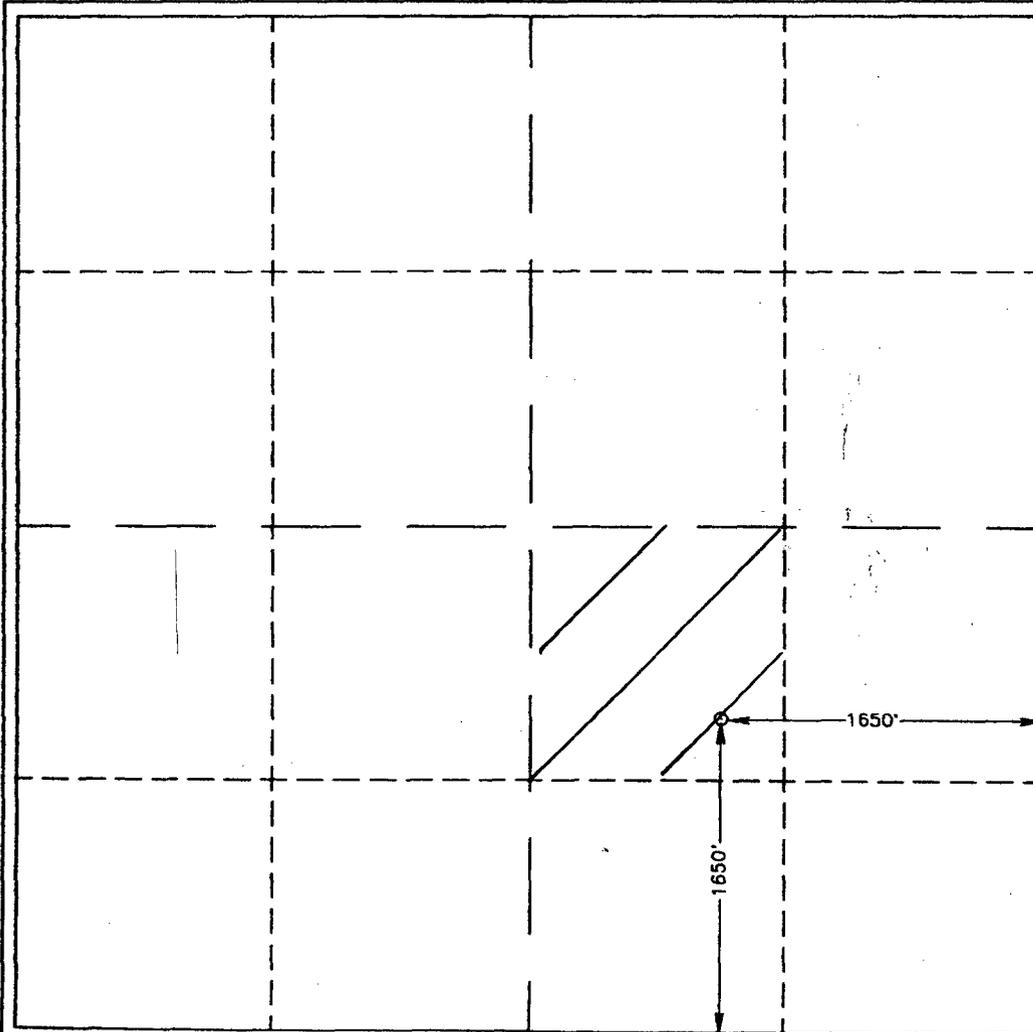
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	20	17 S	29 E		1650	SOUTH	1650	EAST	EDDY

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 that the information contained herein is true and complete to the best of my knowledge and belief.

Matt J. Brewer
Signature
Matt J. Brewer
Printed Name
Geological Engineer
Title
6/17/1999
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 supervision and that the same is true and correct to the best of my belief.

JUNE 4, 1999
Date Surveyed JLP
Signature
Professional Surveyor
RONALD G. EDSON
6-15-99
RW.O. NUM. 99-150492
Certificate No. RONALD G. EDSON, 3239
GARY EDSON, 12841
EDONALD, 12185

DISTRICT I
P.O. Box 1888, Hobbs, NM 88241-1888

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0719

DISTRICT III
1000 Elv Brazos Rd., Artec, NM 87410

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30675	Pool Code 96610	Pool Name East Empire Yeso
Property Code 024662	Property Name RINCON STATE	Well Number 3
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3605

Surface Location

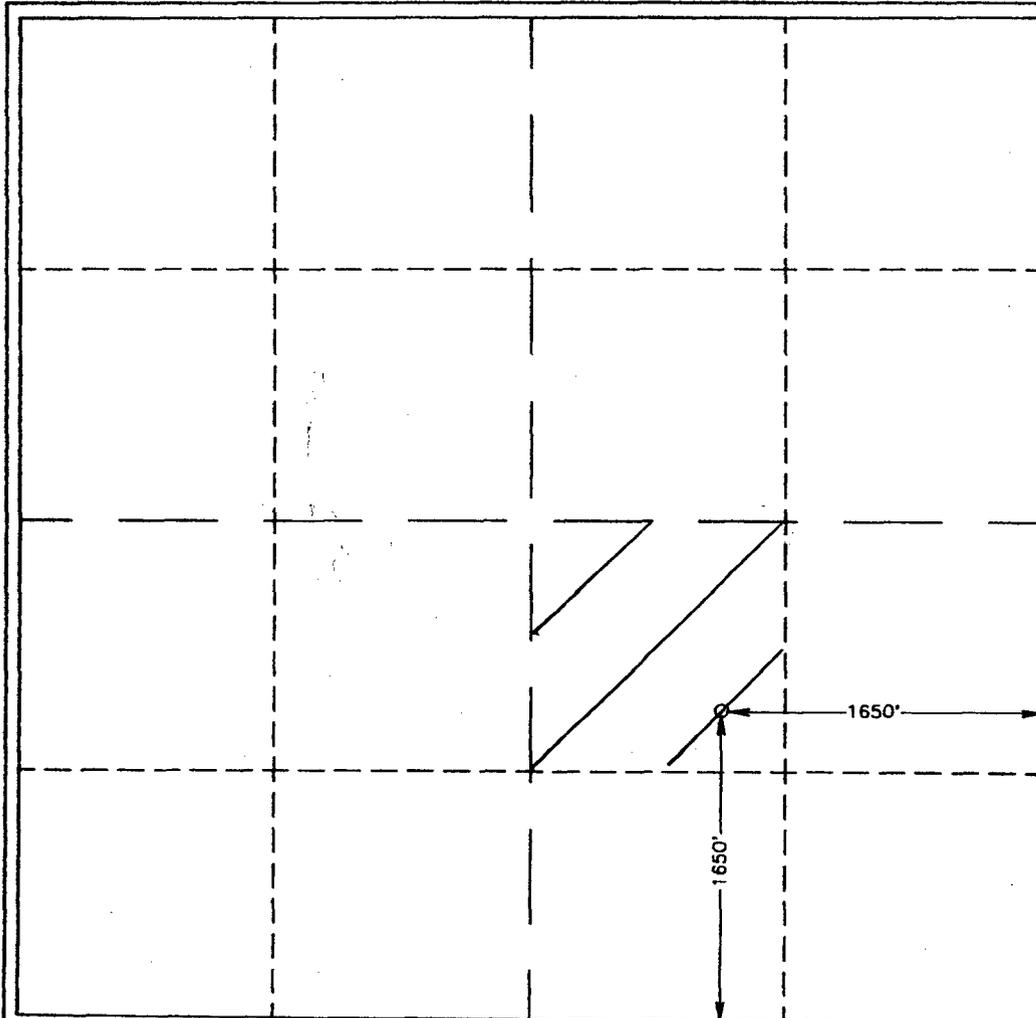
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	20	17 S	29 E		1650	SOUTH	1650	EAST	EDDY

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 belief.

Matt J. Brewer
Signature
Matt J. Brewer
Printed Name
Geological Engineer
Title
6/17/1999
Date

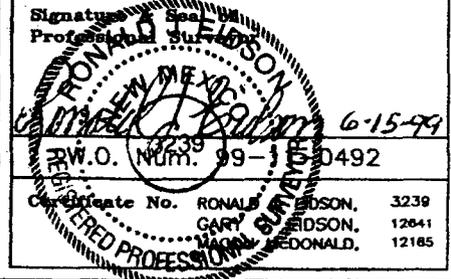
SURVEYOR CERTIFICATION

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 supervision, and that the same is true and correct to the best of my belief.

JUNE 4, 1999

Date Surveyed JLP

Signature _____
Professional Surveyor



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

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

District III
1000 Rio Brazos Road, Aztec, NM 87410

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
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation P.O. Box 960, Artesia, NM 88211-0960
Operator Address

Rincon State 4 J-20-17S-29E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 013837 Property Code 24662 API No. 30-015-30943 Lease Type: Federal State Fee

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)	2323-3788'		3885-4199'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure <small>(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)</small>			
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. <small>(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)</small>	Date: _____ Rates: _____	Date: _____ Rates: _____	Date: <u>10/31/2005</u> Rates: <u>7/48/7</u>
Fixed Allocation Percentage <small>(Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)</small>	Oil _____ Gas _____ % %	Oil _____ Gas _____ % %	Oil _____ Gas _____ % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No _____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No _____

Are all produced fluids from all commingled zones compatible with each other? Yes No _____

Will commingling decrease the value of production? Yes _____ No _____

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.
- Bottomhole pressure data.

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

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 12/21/2005

TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288

E-MAIL ADDRESS jerrys@mackenergycorp.com

DISTRICT I
P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II
P.O. Drawer 20, Artesia, NM 88211-0719

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30943	Pool Code 28509	Pool Name Grayburg Jackson SR OG SA
Property Code 24662	Property Name RINCON STATE	Well Number 4
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3615

Surface Location

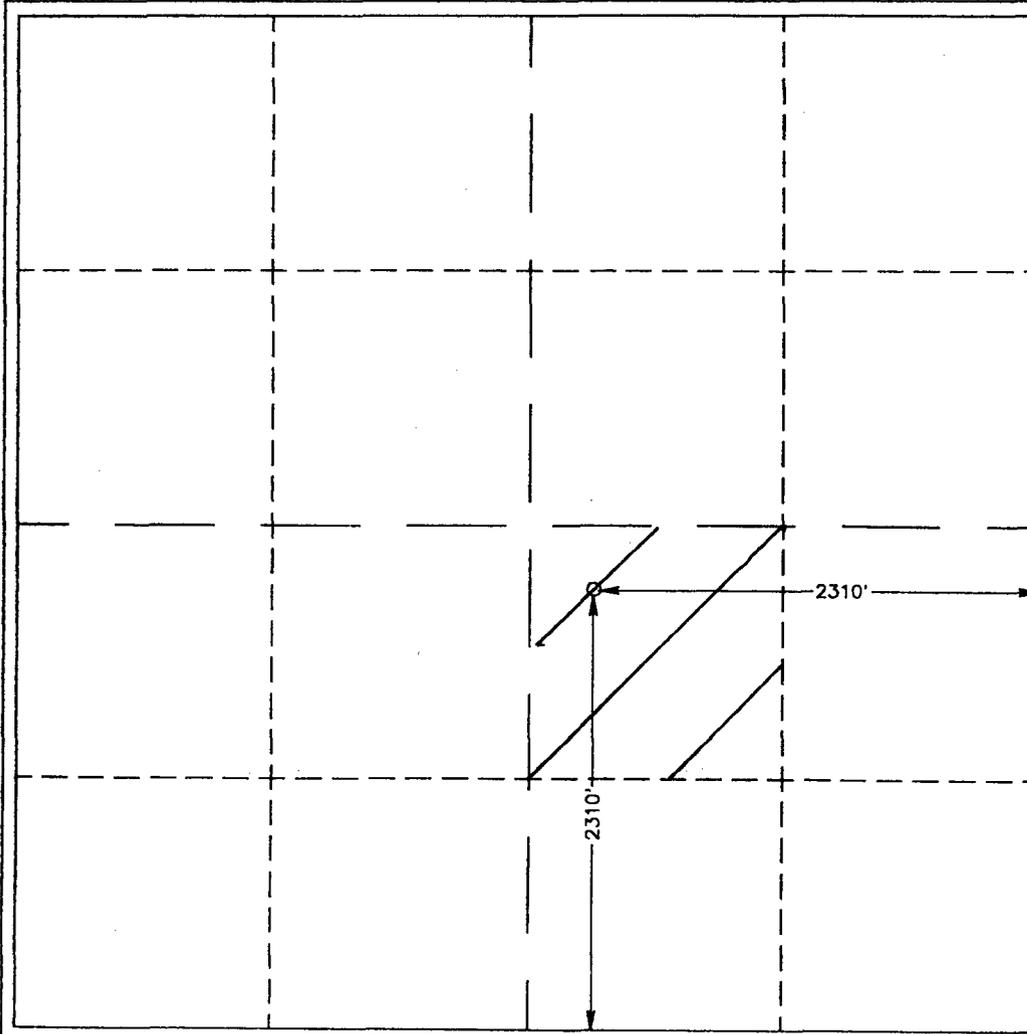
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	20	17 S	29 E		2310	SOUTH	2310	EAST	EDDY

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 belief.

Crissa D. Carter
Signature

Crissa D. Carter
Printed Name

Production Analyst
Title

1/26/00
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 supervision, and that the same is true and correct to the best of my belief.

JANUARY 11, 2000

Date Surveyed JLP

Ronald J. Edson
Signature of Seal
Professional Surveyor

3729
P.O. Num 00-11-0040

Certificate No. RONALD J. EDSON, 3239
SHARON EDSON, 12641
MCDONALD, 12185

DISTRICT I
P.O. Box 1989, Hobbs, NM 88241-1989

DISTRICT II
P.O. Drawer 80, Artesia, NM 88211-0719

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30943	Pool Code 96610	Pool Name East Empire Yeso
Property Code 24662	Property Name RINCON STATE	Well Number 4
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3615

Surface Location

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		2310	SOUTH	2310	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 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Crissa D. Carter</i> Signature</p> <p>Crissa D. Carter Printed Name</p> <p>Production Analyst Title</p> <p>1/26/00 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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 supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 11, 2000</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor <i>RONALD J. EIDSON</i> Professional Surveyor</p> <p>372000 01-21-2000 P.O. Num 00-12-0040</p> <p>Certified to No. RONALD J. EIDSON, 3239 J. G. EIDSON, 12641 MAGNUS McDONALD, 12185</p>

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

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

District III
1000 Rio Brazos Road, Aztec, NM 87410

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
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation P.O. Box 960, Artesia, NM 88211-0960
Operator Address

Rincon State 5 P-20-17S-29E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 013837 Property Code 24662 API No. 30-015-31810 Lease Type: Federal State Fee

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, applicant shall be required to attach production estimates and supporting data.)	Date: _____ Rates: _____	Date: _____ Rates: _____	Date: <u>10/31/2005</u> Rates: <u>13/88/13</u>
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 _____ % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No _____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No _____

Are all produced fluids from all commingled zones compatible with each other? Yes No _____

Will commingling decrease the value of production? Yes _____ No

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.
- Bottomhole pressure data.

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

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 12/21/2005

TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288

E-MAIL ADDRESS jerrys@mackenergycorp.com

DISTRICT II

Drawer ED, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-31810	Pool Code 28509	Pool Name Grayburg Jackson SR QGSA
Property Code 24662	Property Name RINCON STATE	Well Number 5
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3597'

Surface Location

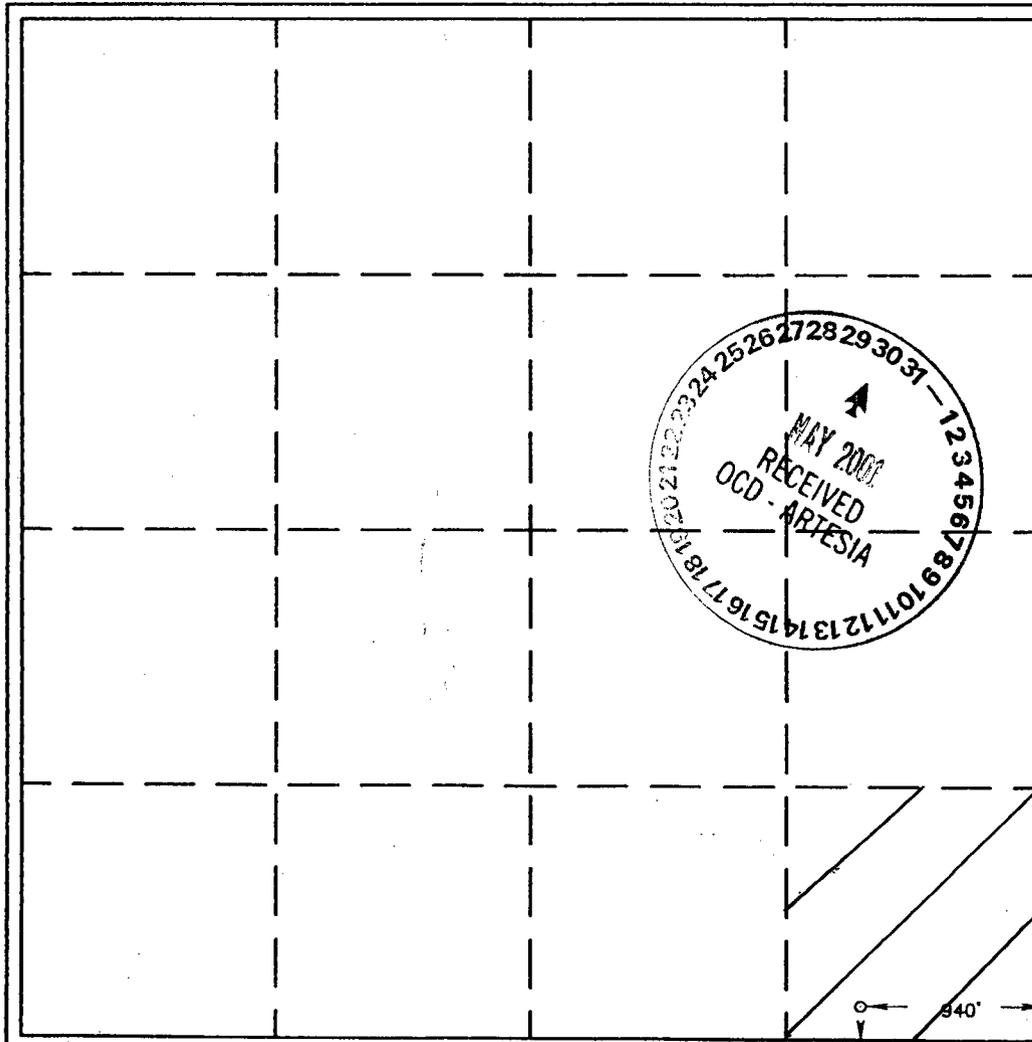
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	17-S	29-E		180	SOUTH	940	EAST	EDDY

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 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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.

Jerry W. Sherrell
Signature

Jerry W. Sherrell
Printed Name

Production Clerk
Title

5/29/2001
Date

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 supervision and that the same is true and correct to the best of my belief.

MAY 11, 2001

Date Surveyed AWB

Signature & Seal of Professional Surveyor

Ronald J. Edson
01-11-0590

Certificate No. RONALD J. EDSON 3239
GARY EDSON 12641

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II

Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-31810	Pool Code 96610	Pool Name East Empire Yeso
Property Code 24662	Property Name RINCON STATE	
Well Number 5	Operator Name MACK ENERGY CORPORATION	
OGRID No. 013837	Elevation 3597'	

Surface Location

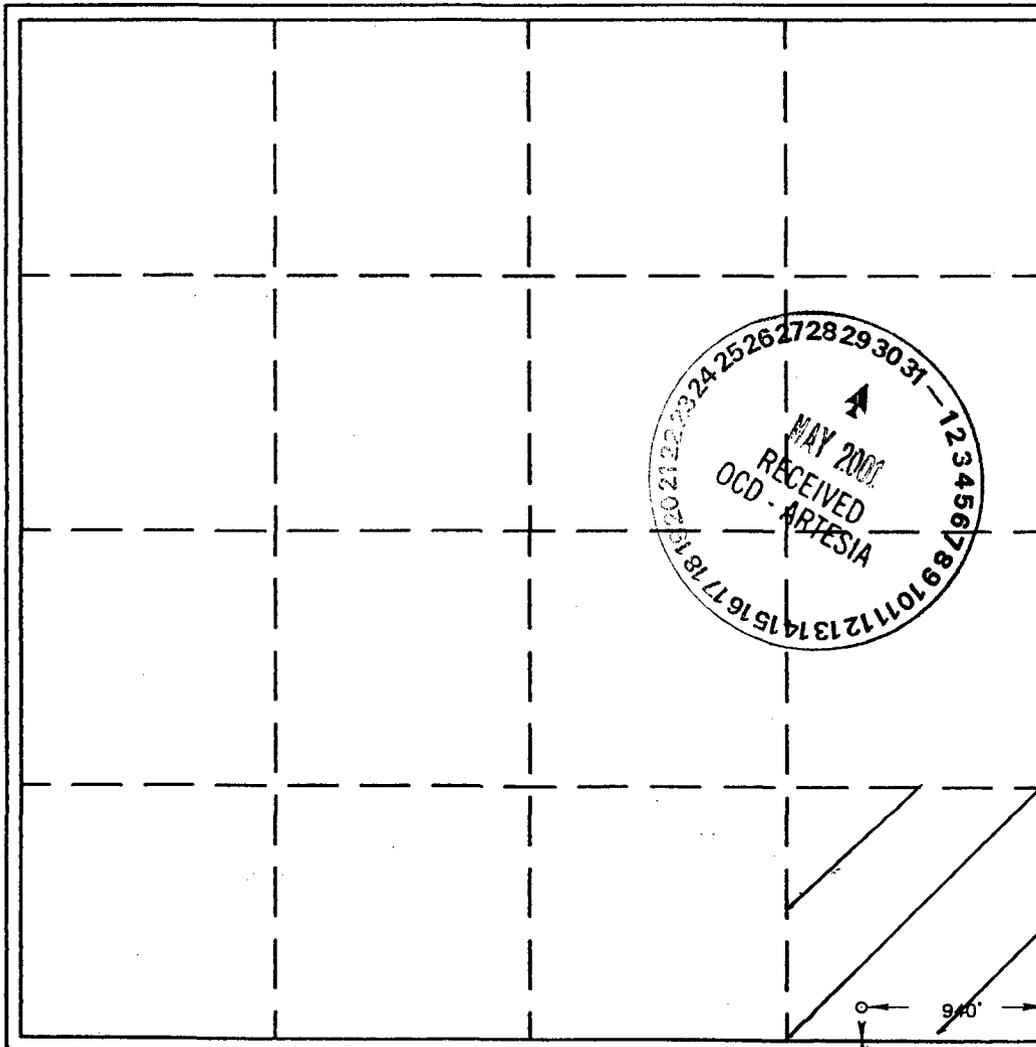
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	17-S	29-E		180	SOUTH	940	EAST	EDDY

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 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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.

Jerry W. Sherrell
Signature

Jerry W. Sherrell
Printed Name

Production Clerk
Title

5/29/2001
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 supervision and that the same is true and correct to the best of my belief.

MAY 11, 2001

Date Surveyed _____ AWB

Signature & Seal of Professional Surveyor

Ronald J. Edson
Professional Surveyor
01-11-0590

Certificate No. RONALD J. EDSON 3239
GARY EDSON 12641

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 II
1301 W. Grand Avenue, Artesia, NM 88210

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

APPLICATION TYPE
 Single Well

District III
1000 Rio Brazos Road, Aztec, NM 87410

Establish Pre-Approved Pools

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

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
 Yes No

Mack Energy Corporation

P.O. Box 960, Artesia, NM 88211-0960

Operator

Address

Rincon State

6

P-20-17S-29E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 24662 API No. 30-015-32063 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
Pool Code	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 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: _____ Rates: _____	Date: _____ Rates: _____	Date: <u>10/31/2005</u> Rates: <u>5/34/5</u>
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 _____ % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

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.
- Bottomhole pressure data.

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

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 12/21/2005

TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288

E-MAIL ADDRESS jerrys@mackenergycorp.com

DISTRICT I
P.O. Box 1988, Hobbs, NM 88241-1988

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. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-32063		Pool Code 28509	Pool Name Grayburg Jackson SR Q G SA
Property Code 24662	Property Name RINCON STATE		Well Number 6
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION		Elevation 3597'

Surface Location

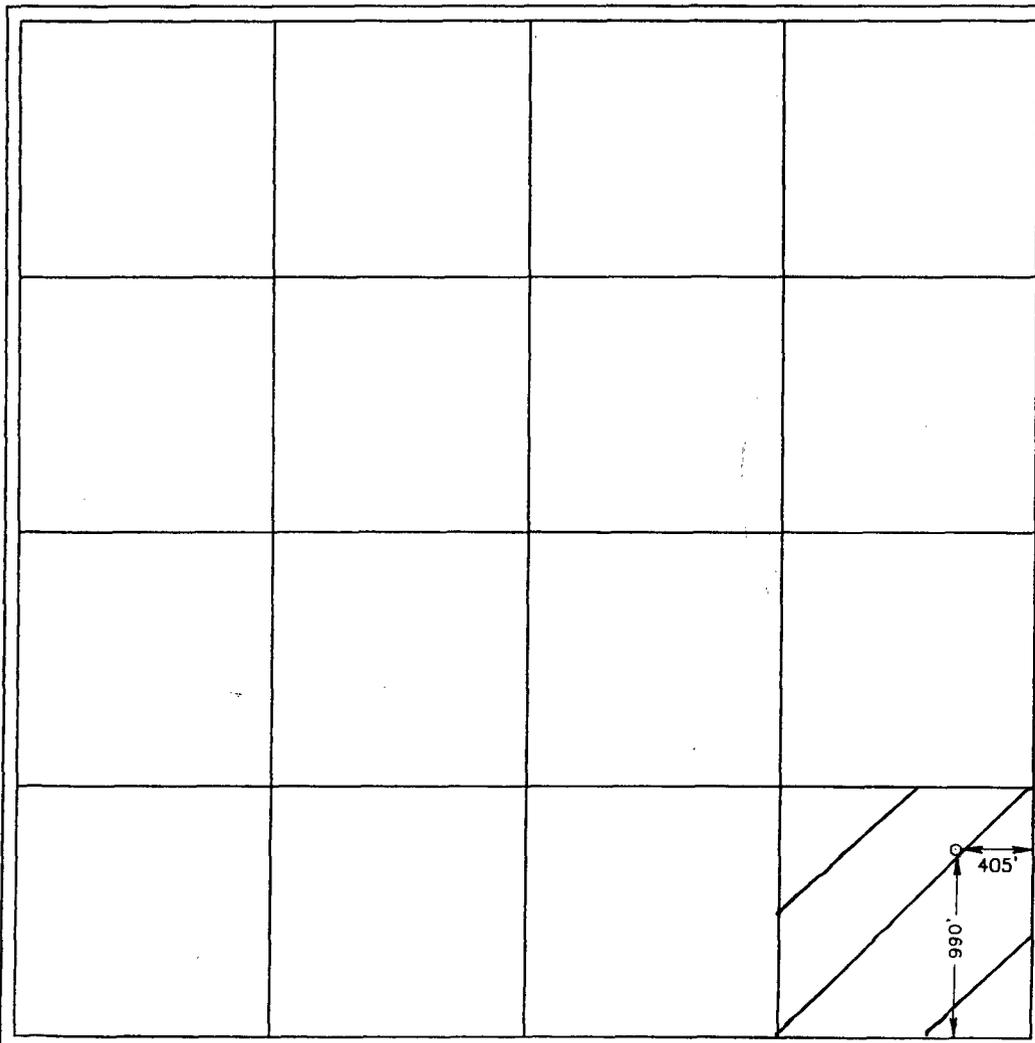
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	17-S	29-E		990	SOUTH	405	EAST	EDDY

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 belief.

Crissa D. Carter
Signature

Crissa D. Carter
Printed Name

Production Analyst
Title

10/19/2001
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 supervision, and that the same is true and correct to the best of my belief.

OCTOBER 16, 2001
Date Surveyed

AWB
Signature of Professional Surveyor

Ronald J. Eidsen
Professional Surveyor

RONALD J. EIDSON
NEW MEXICO
3239
01.11.1142

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-32063	Pool Code 96610	Pool Name East Empire Yeso
Property Code 24662	Property Name RINCON STATE	Well Number 6
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3597'

Surface Location

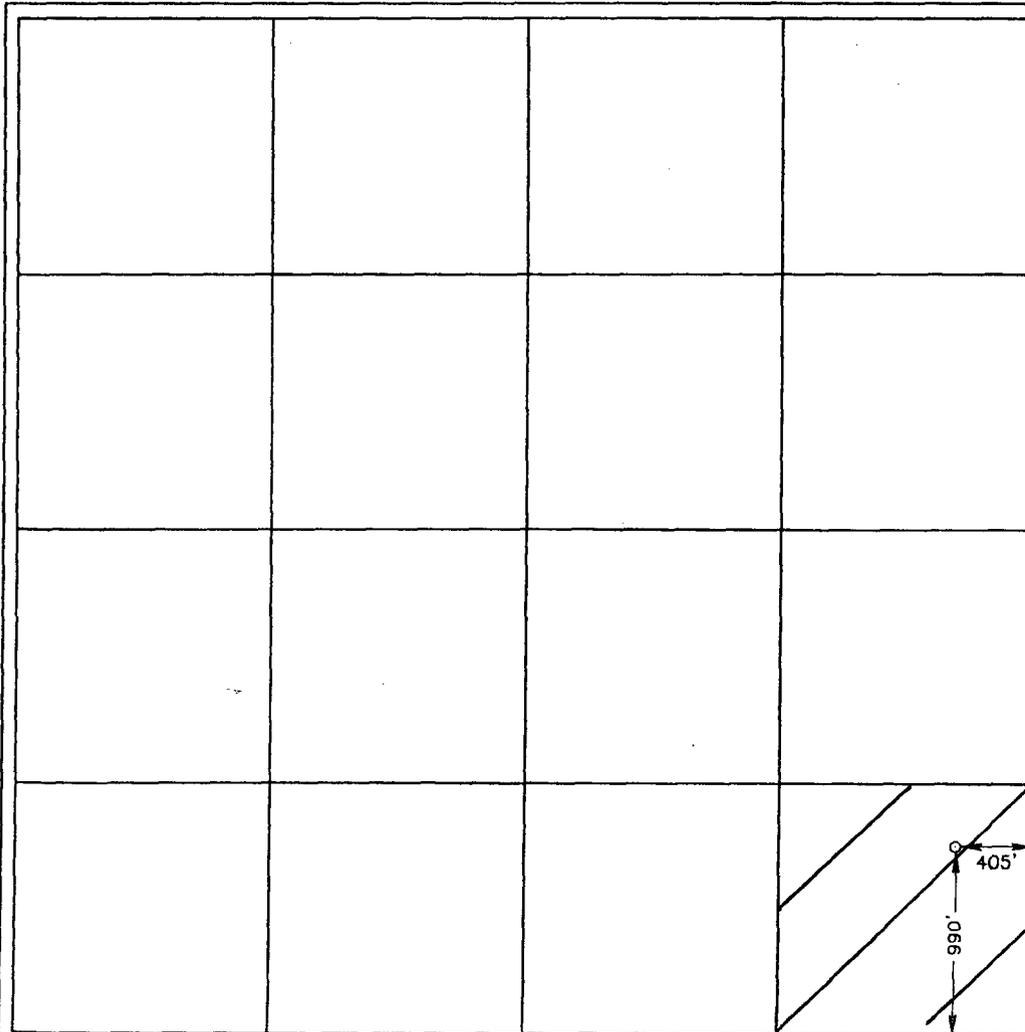
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	17-S	29-E		990	SOUTH	405	EAST	EDDY

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 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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.

Crissa D. Carter
Signature

Crissa D. Carter
Printed Name

Production Analyst
Title

10/19/2001
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 supervision, and that the same is true and correct to the best of my belief.

OCTOBER 16, 2001
Date Surveyed

AWB

Signature of **RONALD J. EIDSON**
Professional Surveyor

Ronald J. Eidson
Signature

3239
01.11.1142

Certificate No. **RONALD J. EIDSON 3239**
GARY EIDSON 12641

District I 1621 N. French Drive, Hobbs, NM 88240
District II 1301 W. Grand Avenue, Artesia, NM 88210
District III 1000 Rio Brazos Road, Aztec, NM 87410
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 Address
Rincon State 7 J-20-17S-29E Eddy
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 013837 Property Code 24662 API No. 30-015-32158 Lease Type: [] Federal [X] State [] Fee

Table with 4 columns: DATA ELEMENT, UPPER ZONE, INTERMEDIATE ZONE, LOWER ZONE. Rows include Pool Name, Pool Code, Top and Bottom of Pay Section, Method of Production, Bottomhole Pressure, Oil Gravity or Gas BTU, Producing, Shut-In or New Zone, Date and Oil/Gas/Water Rates of Last Production, and Fixed Allocation Percentage.

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes [X] No []
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes [X] No []
Are all produced fluids from all commingled zones compatible with each other? Yes [X] No []
Will commingling decrease the value of production? Yes [] No [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 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.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief
SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 12/21/2005
TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288
E-MAIL ADDRESS jerrys@mackenergycorp.com

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32158	Pool Code 28509	Pool Name Grayburg Jackson SR QG SA
Property Code 24662	Property Name RINCON STATE	Well Number 7
OGRID No. 013837	Operator Name MACK ENERGY CORP.	Elevation 3608

Surface Location

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 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

	<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Crissa D. Carter</i> Signature</p> <p>Crissa D. Carter Printed Name</p> <p>Production Analyst Title</p> <p>1/9/2002 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p><i>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 supervision and that the same is true and correct to the best of my belief.</i></p> <p>DECEMBER 26, 2001</p> <p>Date Surveyed _____ LMP</p> <p>Signature & Seal Professional Surveyor</p> <p><i>Ronald F. Eidson</i> Professional Surveyor</p> <p>01-11-1532</p>
	<p>Certificate No. RONALD F. EIDSON 3239 PROFESSIONAL SURVEYOR EIDSON 12641</p>

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32158	Pool Code 96610	Pool Name East Empire Yeso
Property Code 24662	Property Name RINCON STATE	Well Number 7
OGRID No. 013837	Operator Name MACK ENERGY CORP.	Elevation 3608

Surface Location

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 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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Crissa D. Carter</i> Signature</p> <p>Crissa D. Carter Printed Name</p> <p>Production Analyst Title</p> <p>1/9/2002 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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 supervision and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 26, 2001</p> <p>Date Surveyed _____ LMP</p> <p>Signature _____ Professional Surveyor</p> <p><i>Ronald F. Eidson</i> Professional Surveyor</p> <p>01-11-1332</p> <p>Certificate No. RONALD F. EIDSON 3239 PROFESSARY EIDSON 12641</p>

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 II
1301 W. Grand Avenue, Artesia, NM 88210

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

APPLICATION TYPE

District III
1000 Rio Brazos Road, Aztec, NM 87410

Single Well
 Establish Pre-Approved Pools

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

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
 Yes No

Mack Energy Corporation

P.O. Box 960, Artesia, NM 88211-0960

Operator

Address

Rincon State

8

J-20-17S-29E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 24662 API No. 30-015-34383 Lease Type: Federal State Fee

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 estimates and supporting data.)	Date: _____ Rates: _____	Date: _____ Rates: _____	Date: _____ Rates: _____
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 _____ % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No _____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No _____

Are all produced fluids from all commingled zones compatible with each other? Yes No _____

Will commingling decrease the value of production? Yes _____ No

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.
- Bottomhole pressure data.

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

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 12/21/2005

TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288

E-MAIL ADDRESS jerrys@mackenergycorp.com

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-34383	Pool Code 96610	Pool Name Empire Yeso East
Property Code 24662	Property Name RINCON STATE	Well Number 8
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3609'

Surface Location

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		2204	SOUTH	1650	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 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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

<p>GEODETTIC COORDINATES NAD 27 NME</p> <p>Y=661665.1 N X=573757.0 E</p> <p>LAT.=32°49'07.59" N LONG.=104°05'35.69" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Jerry W. Sherrell</i> Signature</p> <p>Jerry W. Sherrell Printed Name</p> <p>Production Clerk Title</p> <p>12/23/2005 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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 supervision, and that the same is true and correct to the best of my belief.</p> <p>SEPTEMBER 26, 2005</p> <p>Date Surveyed JR</p> <p>Signature & Seal of Professional Surveyor <i>Ronald J. Ebdson</i> 10/10/05</p> <p>05.11.1474</p> <p>Certificate No. RONALD J. EBDSON 3239</p>

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

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-34383	Pool Code 28509	Pool Name Grayburg Jackson SR QGSA
Property Code 24662	Property Name RINCON STATE	Well Number 8
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3609'

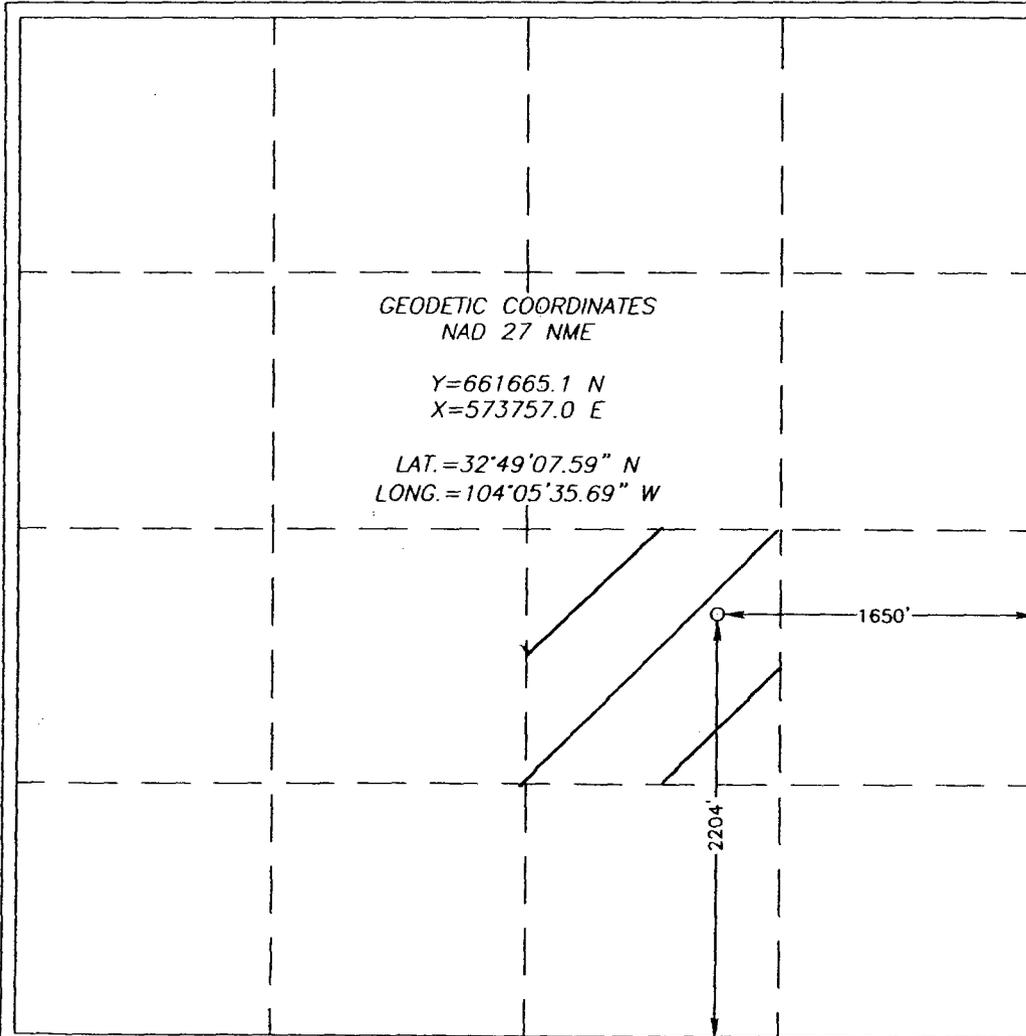
Surface Location

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		2204	SOUTH	1650	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 40	Joint or Infill	Consolidation Code	Order No.						

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.

Jerry W. Sherrell
Signature

Jerry W. Sherrell
Printed Name

Production Clerk
Title

12/23/2005
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 supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 26, 2005
Date Surveyed

JR
Signature

Professional Seal of
Professional Surveyor

Ronald J. Edson
10/10/05

05.11.1474

Certificate No. RONALD J. EDSON 3239