

DATE IN 1/5/06	SUSPENSE	ENGINEER Jones	LOGGED IN 1/5/06	TYPE DHC	APP NO. PRE0600535982
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [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 \_\_\_\_\_

#### [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

2006 JUN 3 PM 3 24



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

Jerry W. Sherrell  
Production Clerk  
[jerrys@mackenergycorp.com](mailto:jerrys@mackenergycorp.com)

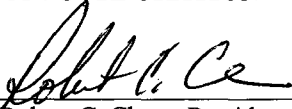
JWS/  
Enclosures

**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.

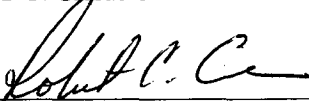
**Rincon State Lease DHC Approval**

**CHASE OIL CORPORATION**

By:   
Robert C. Chase, President

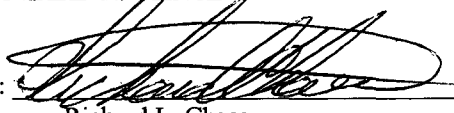
Date: 1-6-2006

**ROBERT C. CHASE**

By:   
Robert C. Chase

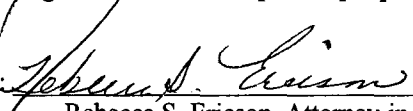
Date: 1-6-2006

**RICHARD L. CHASE**

By:   
Richard L. Chase

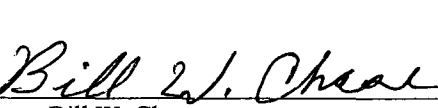
Date: 1-9-2006

**GERENE DIANNE CHASE CROUCH**  
Dealing in her sole and separate property

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

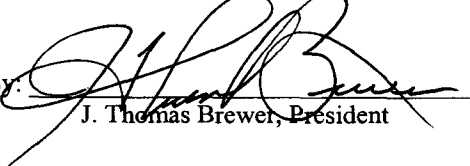
Date: 12-28-2005

**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

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

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: 10/31/2005 Rates: 11/74/11
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?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐  
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

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

Surface Location

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

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 <b>40</b>	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature <b>Matt J. Brewer</b> Printed Name <b>Geological Engineer</b> Title <b>5-19-99</b> Date
	<b>SURVEYOR CERTIFICATION</b>  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.  <b>APRIL 29, 1999</b> Date Surveyed <b>DMCC</b> Signature & Seal of Professional Surveyor  Certificate No. <b>RONALD J. EDSON</b> 3239 <b>GARY EDSON</b> 12641 <b>RONALD J. EDSON</b> 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

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

Surface Location

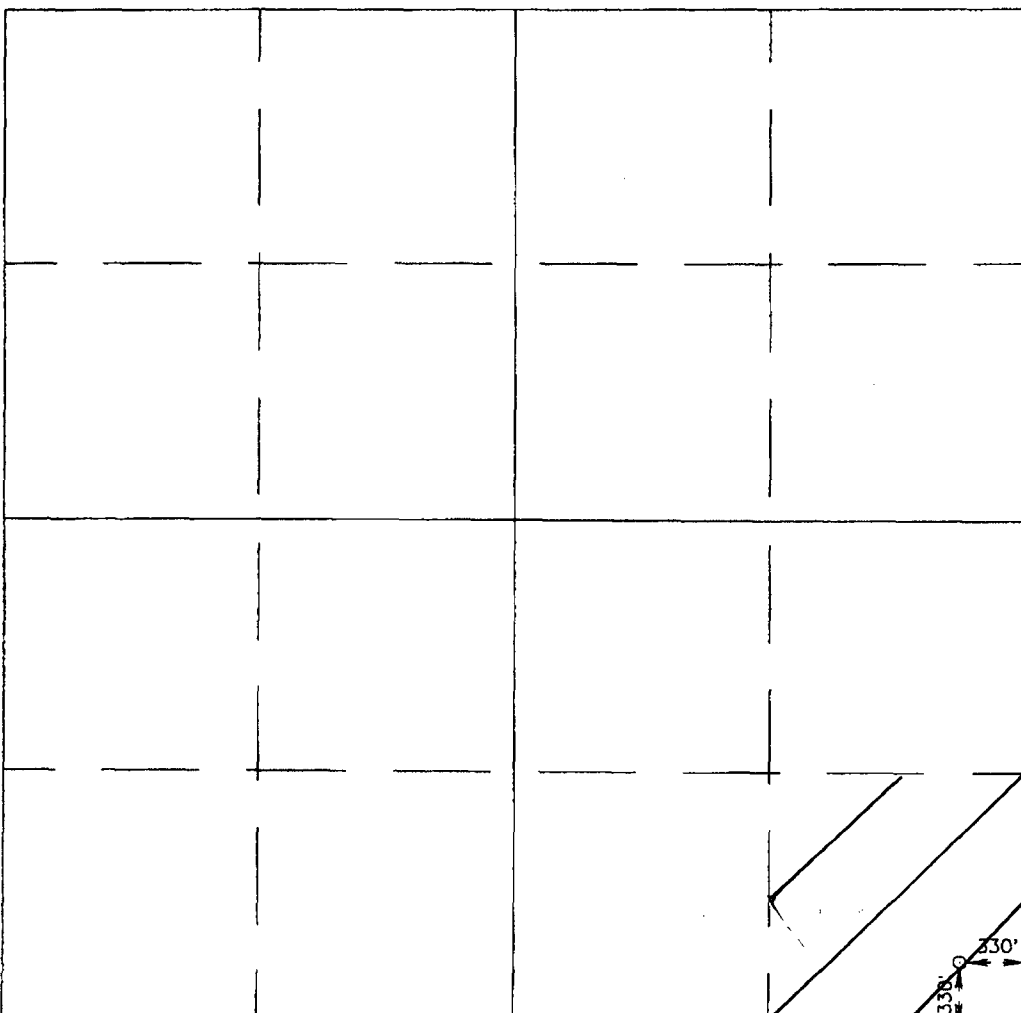
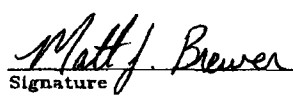
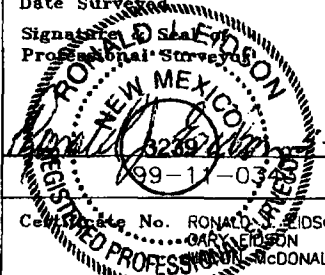
UL or lot No. <b>=</b>	Section <b>20</b>	Township <b>17 S</b>	Range <b>29 E</b>	Lot Idn	Feet from the <b>330</b>	North/South line <b>SOUTH</b>	Feet from the <b>330</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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Bottom Hole Location If Different From Surface

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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature  <b>Matt J. Brewer</b> Printed Name  <b>Geological Engineer</b> Title  <b>5-19-99</b> Date	
	<b>SURVEYOR CERTIFICATION</b>  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.  <b>APRIL 29, 1999</b> Date Surveyed   Signature Professional Surveyor  <b>3239-06-99</b> Date  <b>RONALD J. EDSON</b> Cert. No. <b>12641</b> McDONALD 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 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	Pool Code	Pool Name
30-015-30860	28509	Grayburg Jackson SR. OGSA
Property Code	Property Name	Well Number
024662	RINCON STATE	2
OGRID No.	Operator Name	Elevation
013837	MACK ENERGY CORPORATION	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
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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><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><u>Crissa D Carter</u></p> <p>Signature</p> <p><u>Crissa D. Carter</u></p> <p>Printed Name</p> <p><u>Production Analyst</u></p> <p>Title</p> <p><u>12/8/99</u></p> <p>Date</p>
				<p><b>SURVEYOR CERTIFICATION</b></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>NOVEMBER 23, 1999</p> <p>Date Surveyed</p> <p><u>Ronald J. Edson</u></p> <p>Signature</p> <p>Professional Surveyor</p> <p>NEW MEXICO</p> <p>3239</p> <p>99-11-1069</p> <p>92-67-99</p> <p>Certificate No. RONALD J. EDSON 3239</p> <p>GARY KIDSON 12641</p> <p>MACDONALD 12185</p>



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

DISTRICT III  
1000 Rio Brazos Rd., Asteo, 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

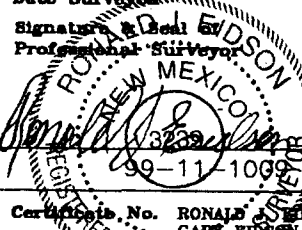
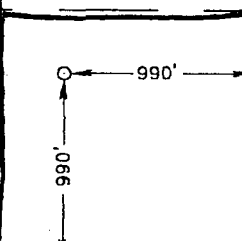
### Surface Location

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	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

				<b>OPERATOR CERTIFICATION</b> <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <u>Crissa D Carter</u> Signature <u>Crissa D. Carter</u> Printed Name <u>Production Analyst</u> Title <u>12/8/99</u> Date
				<b>SURVEYOR CERTIFICATION</b> <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>  NOVEMBER 23, 1999 Date Surveyed Signature & Seal of Professional Surveyor  Certification No. <u>RONALD J. EDSON</u> 3239 <u>CARTER EDSON</u> 12641 <u>MACOMBY EDONALD</u> 12185
				

District I  
1621 N. French Drive, Hobbs, NM 88240  
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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: 10/31/2005 Rates: 7/48/7
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 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

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**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 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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Matt J. Brewer Printed Name Geological Engineer Title 6/17/1999 Date	
	<b>SURVEYOR CERTIFICATION</b>  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  6-15-99 R.W.O. NUM. 99-150492 Certificate No. RONALD J. EDSON, 3239 GARY EDSON, 12841 EDONALD, 12185	

**DISTRICT I**

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

**State of New Mexico**

Energy, Minerals and Natural Resources Department

Form C-102

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**DISTRICT II**

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

**DISTRICT III**

1000 Elv Brazos Rd., Artec, NM 87410

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

**DISTRICT IV**

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

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

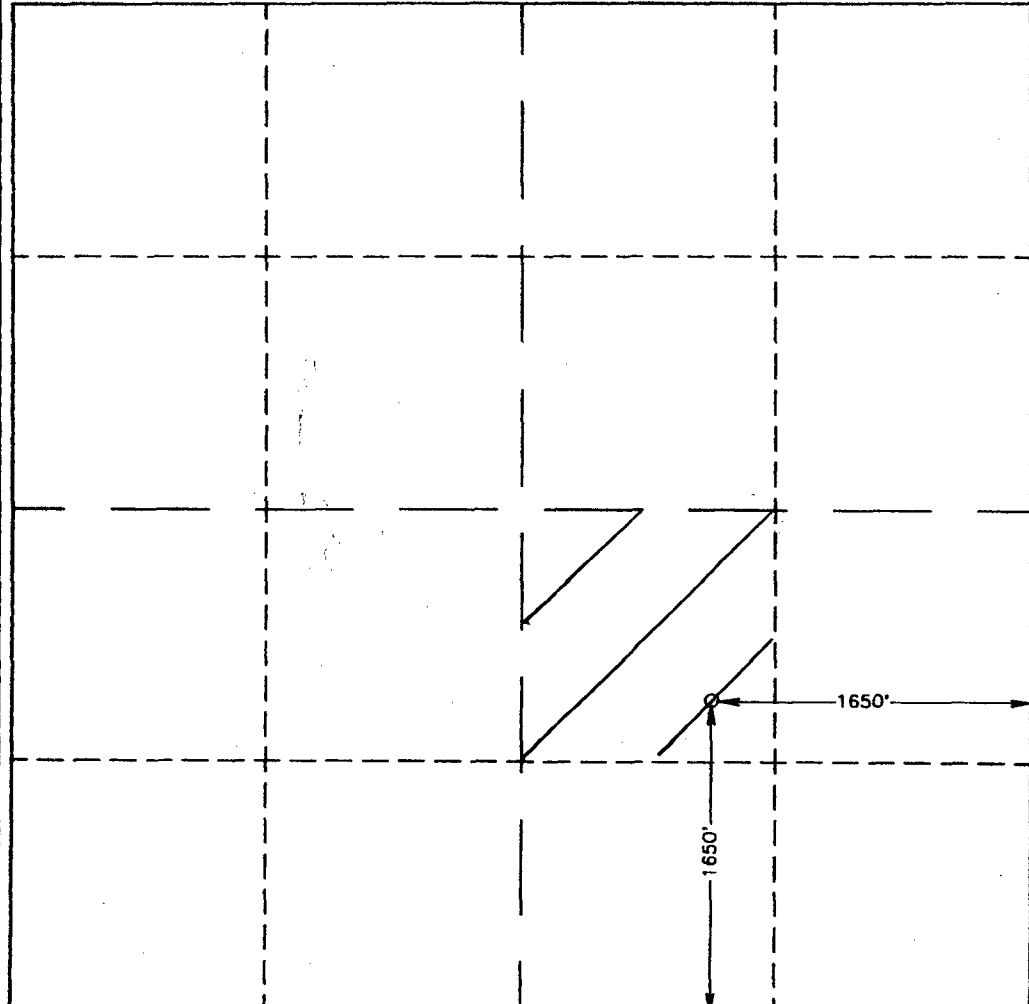
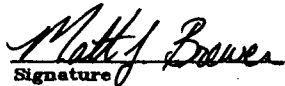
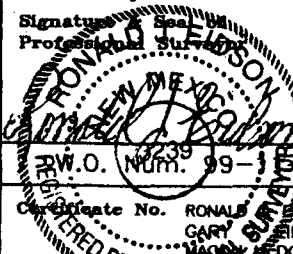
**Surface Location**

UL or lot No. <b>J</b>	Section <b>20</b>	Township <b>17 S</b>	Range <b>29 E</b>	Lot Idn	Feet from the <b>1650</b>	North/South line <b>SOUTH</b>	Feet from the <b>1650</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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**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 <b>40</b>	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**

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature  Matt J. Brewer Printed Name  Geological Engineer Title  6/17/1999 Date
	<b>SURVEYOR CERTIFICATION</b>  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  6-15-99 P.W.O. Num. 99-150492 Certificate No. RONALD E. EDSON, 3239 GARY EDSON, 12641 RONALD E. EDSON, 12165

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

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

Form C-107A  
Revised June 10, 2003

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
Pool Code	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: _____ Rates: _____	Date: _____ Rates: _____	Date: 10/31/2005 Rates: 7/48/7
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?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐  
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

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, 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  
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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. J	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 2310	East/West line EAST	County EDDY
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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><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Crissa D. Carter</u> Signature</p> <p><u>Crissa D. Carter</u> Printed Name</p> <p><u>Production Analyst</u> Title</p> <p><u>1/26/00</u> Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></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><u>Ronald J. Eidson</u> Signature of Surveyor</p> <p><u>PROFESSIONAL SURVEYOR</u> Title</p> <p><u>NEW MEXICO</u> State</p> <p><u>3739</u> P.O. Num</p> <p><u>00-12-0040</u> Cert. No.</p> <p><u>RONALD J. EIDSON</u> Name</p> <p><u>12641</u> ID No.</p> <p><u>12185</u> Exp. Date</p>

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

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  
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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. J	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 2310	East/West line EAST	County EDDY
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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><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Crissa D. Carter</u> Signature Crissa D. Carter Printed Name Production Analyst Title 1/26/00 Date</p> <p><b>SURVEYOR CERTIFICATION</b></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 Date Surveyed Signature &amp; Seal Professional Surveyor NEW MEXICO 3239 P.O. Num 00-120040 Certificate No. RONALD J. EIDSON, 3239 JANAG EIDSON, 12641 MAGN McDONALD, 12165</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
Pool Code	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: 10/31/2005 Rates: 13/88/13
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	Oil _____ Gas _____ % %	Oil _____ Gas _____ % %	Oil _____ Gas _____ % %

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?

Yes ☒ No ☐  
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 RD, 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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

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

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 <b>40</b>	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>Jerry W. Sherrell</i> Signature</p> <p><b>Jerry W. Sherrell</b> Printed Name</p> <p>Production Clerk Title</p> <p><b>5/29/2001</b> 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><b>MAY 11, 2001</b></p> <p>Date Surveyed <b>AWB</b></p> <p>Signature &amp; Seal of Professional Surveyor <i>Ronald J. Edson</i> 01-11-0590</p> <p>Certificate No. <b>RONALD J. EDSON 3239</b> <b>GARY EDSON 12641</b></p>

DISTRICT II

Drawer 100, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Bravos Rd., Artec, 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-015-31810</b>	Pool Code 96610	Pool Name East Empire Yeso
Property Code 24662	Property Name RINCON STATE	
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	
		Well Number 5
		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

	<p><b>OPERATOR CERTIFICATION</b></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>5/29/2001 Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></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>MAY 11, 2001</p>
	<p>Date Surveyed _____ AWB</p> <p>Signature &amp; Seal of Professional Surveyor <i>Ronald J. Edson</i> 5/21/01</p> <p>01-11-0590</p>
	<p>Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641</p>

180'  
940'

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

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

Form C-107A  
Revised June 10, 2003

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

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
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 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?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐  
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

# 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

				<p><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><u><i>Crissa D. Carter</i></u> Signature</p> <p><u>Crissa D. Carter</u> Printed Name</p> <p><u>Production Analyst</u> Title</p> <p><u>10/19/2001</u> Date</p>
				<p><b>SURVEYOR CERTIFICATION</b></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><u>OCTOBER 16, 2001</u> Date Surveyed</p> <p><u><i>AWB</i></u> Signature</p>
				<p><b>PROFESSIONAL SURVEYOR</b></p> <p><u><i>Ronald J. Eidson</i></u> Signature</p> <p><u>3239</u> Certificate No.</p> <p><u>01.11.1142</u> Expiration Date</p>
				<p><b>NEW MEXICO</b></p> <p><b>REGISTERED PROFESSIONAL SURVEYOR</b></p> <p><u>AWB</u> Signature</p> <p><u>10/18/01</u> Date</p>

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 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

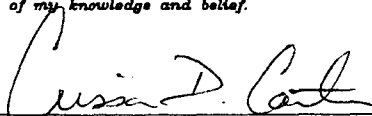
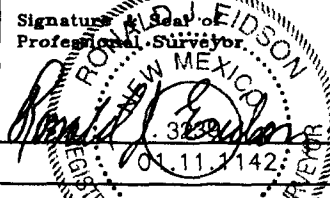
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	17-S	29-E		990	SOUTH	405	EAST	EDDY

## 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
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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><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="text-align: center;"></p> <p>Signature</p> <p><u>Crissa D. Carter</u></p> <p>Printed Name</p> <p><u>Production Analyst</u></p> <p>Title</p> <p><u>10/19/2001</u></p> <p>Date</p>
				<p><b>SURVEYOR CERTIFICATION</b></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 style="text-align: center;">OCTOBER 16, 2001</p> <p>Date Surveyed</p> <p style="text-align: right;">AWB</p> <p>Signature &amp; Seal of Professional Surveyor</p> <div style="text-align: center;">  </div> <p>Certificate No. <u>RONALD J. EIDSON</u> 3239 <u>GARY EIDSON</u> 12641</p>

District I  
1621 N. French Drive, Hobbs, NM 88240State of New Mexico  
Energy, Minerals and Natural Resources DepartmentForm C-107A  
Revised June 10, 2003District II  
1301 W. Grand Avenue, Artesia, NM 88210

## Oil Conservation Division

APPLICATION TYPE

District III  
1000 Rio Brazos Road, Aztec, NM 874101220 South St. Francis Dr.  
Santa Fe, New Mexico 87505☒ Single Well  
☒ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ NoDistrict 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

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 ☒ 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)	2334-3798'		3900-4216'
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: 5/34/5
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?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?Yes ☒ No ☐  
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-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 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 12/21/2005TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. ( 505 ) 748-1288E-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 <b>30-015-32158</b>	Pool Code <b>28509</b>	Pool Name <b>Grayburg Jackson SR QG SA</b>
Property Code <b>24662</b>	Property Name <b>RINCON STATE</b>	Well Number <b>7</b>
OGRID No. <b>013837</b>	Operator Name <b>MACK ENERGY CORP.</b>	Elevation <b>3608</b>

### Surface Location

UL or lot No. <b>J</b>	Section <b>20</b>	Township <b>17 S</b>	Range <b>29 E</b>	Lot Idn	Feet from the <b>1650</b>	North/South line <b>SOUTH</b>	Feet from the <b>2160</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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### 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 <b>40</b>	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature <b>Crissa D. Carter</b> Printed Name <b>Production Analyst</b> Title <b>1/9/2002</b> Date
	<b>SURVEYOR CERTIFICATION</b>  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.  <b>DECEMBER 26, 2001</b> Date Surveyed  Signature of Prof. Surveyor <b>RONALD F. EIDSON</b> Certificate No. <b>3239</b> 12641

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

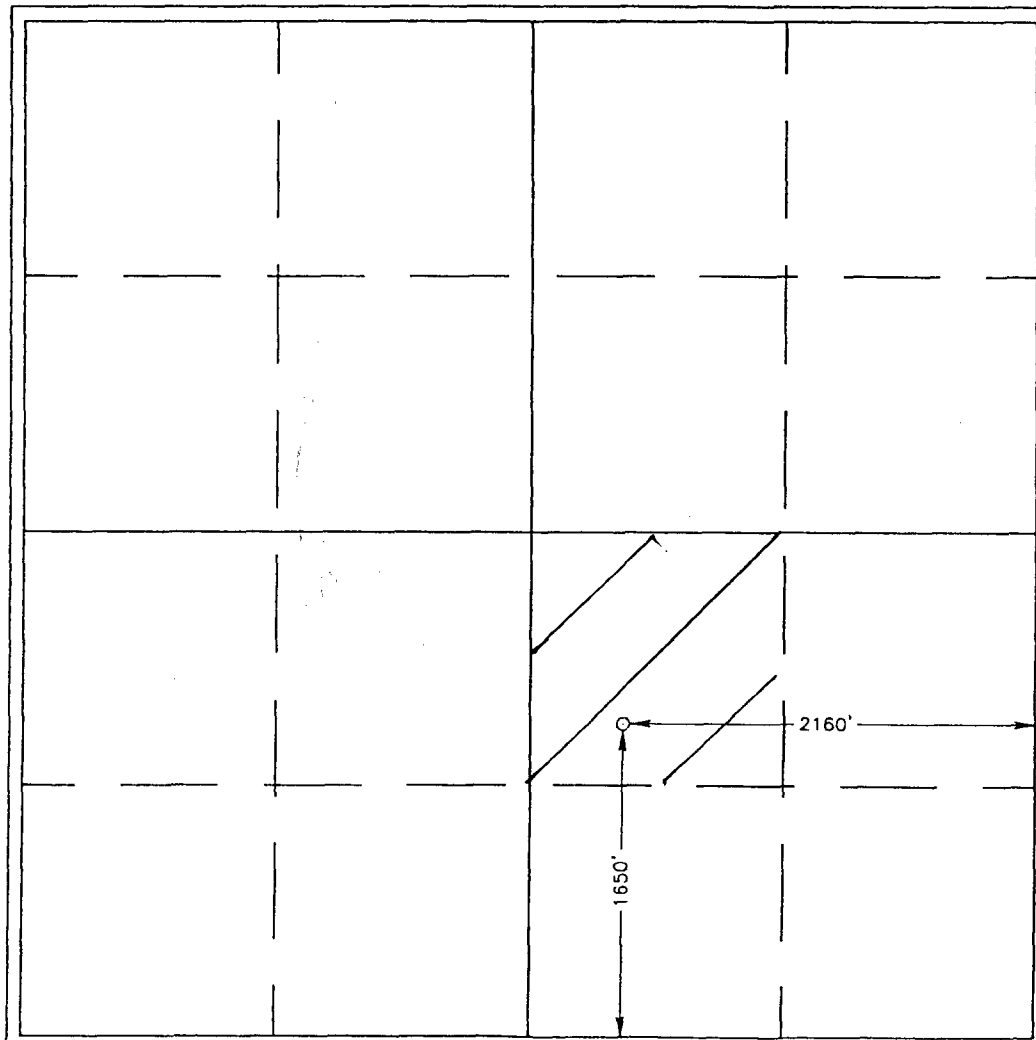
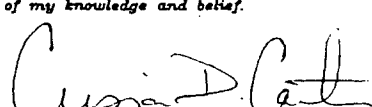
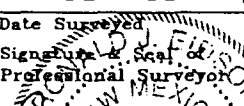
### Surface Location

UL or lot No. <b>J</b>	Section <b>20</b>	Township <b>17 S</b>	Range <b>29 E</b>	Lot Idn	Feet from the <b>1650</b>	North/South line <b>SOUTH</b>	Feet from the <b>2160</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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### 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 <b>40</b>	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature <b>Crissa D. Carter</b> Printed Name <b>Production Analyst</b> Title <b>1/9/2002</b> Date
	<b>SURVEYOR CERTIFICATION</b>  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.  <b>DECEMBER 26, 2001</b> Date Surveyed  Signature <b>RONALD F. EIDSON</b> Professional Surveyor <b>NEW MEXICO</b> <b>8239</b> <b>01-11-1332</b> Certificate No. <b>RONALD F. EIDSON 3239</b> <b>12641</b>



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

District III  
1000 Rio Brazos Road, 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

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

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?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐  
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

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- 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., HOHBS, 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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Jerry W. Sherrell Printed Name Production Clerk Title 12/23/2005 Date
	<b>SURVEYOR CERTIFICATION</b>  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 Signature & Seal of Professional Surveyor  Certificate No. RONALD J. EDSON 3239

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

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, 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'

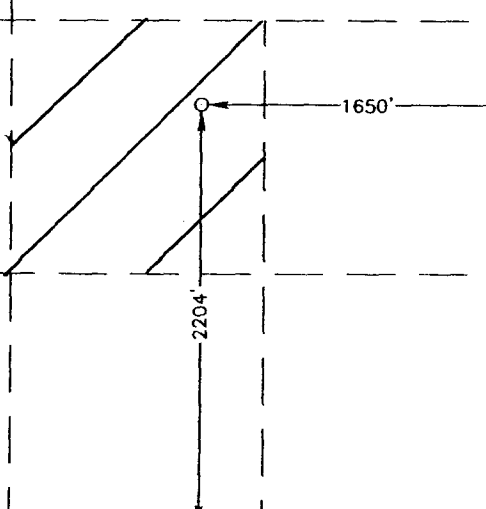
Surface Location

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

<p>GEODETIC COORDINATES NAD 27 NME  Y=661665.1 N X=573757.0 E  LAT.=32°49'07.59" N LONG.=104°05'35.69" W</p> 	<p><b>OPERATOR CERTIFICATION</b></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 Jerry W. Sherrell Printed Name Production Clerk Title 12/23/2005 Date</p> <p><b>SURVEYOR CERTIFICATION</b></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 &amp; Seal of Professional Surveyor <i>Ronald J. Edson</i> 10/10/05 05:11:1474 Certificate No. RONALD J. EDSON 3239</p>
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