

ABOVE THIS LINE FOR DIVISION USE ONLY

3600

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 _____

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 OIL CONSERVATION
 DIVISION

- [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		Production Clerk	11/4/2005
Print or Type Name	Signature	Title	Date

jerrys@mackenergycorp.com
 e-mail Address

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

Establish Pre-Approved Pools

EXISTING WELLBORE

Yes No

Mack Energy Corporation

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

Operator

Address

Tenneco State

1

M-20-17S-29E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 22547 API No. 30-015-30603 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		Empire; Yeso East
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2287-3743		3861-4149
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)	37.1		37.7
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>8/31/2005</u> Rates: <u>12/66/18</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 11/4/2005

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

District 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

Tenneco State

2

M-20-17S-29E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 22547 API No. 30-015-30861 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		Empire; Yeso East
Pool Code	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2286-3774		3870-4154
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)	37.1		37.7
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>8/31/2005</u> Rates: <u>12/66/18</u>
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past 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 11/4/2005

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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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

Tenneco State

3

M-20-17S-29E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 22547 API No. 30-015-31480 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		Empire; Yeso East
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2291-3766		3873-4224
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)	37.1		37.7
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>8/31/2005</u> Rates: <u>5/30/9</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

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NMOCD Reference Case No. applicable to this well: _____

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- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
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SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 11/4/2005

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

District II
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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

Tenneco State

4

M-20-17S-29E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 22547 API No. 30-015-32242 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		Empire; Yeso East
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2290-3752		3864-4136
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)	37.1		37.7
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>8/31/2005</u> Rates: <u>6/34/10</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

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- 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 11/4/2005

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 88, 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

AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30603		Pool Code 96610	Pool Name East Empire Yeso
Property Code 022547	Property Name TENNECO STATE		Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION		Elevation 3635

Surface Location

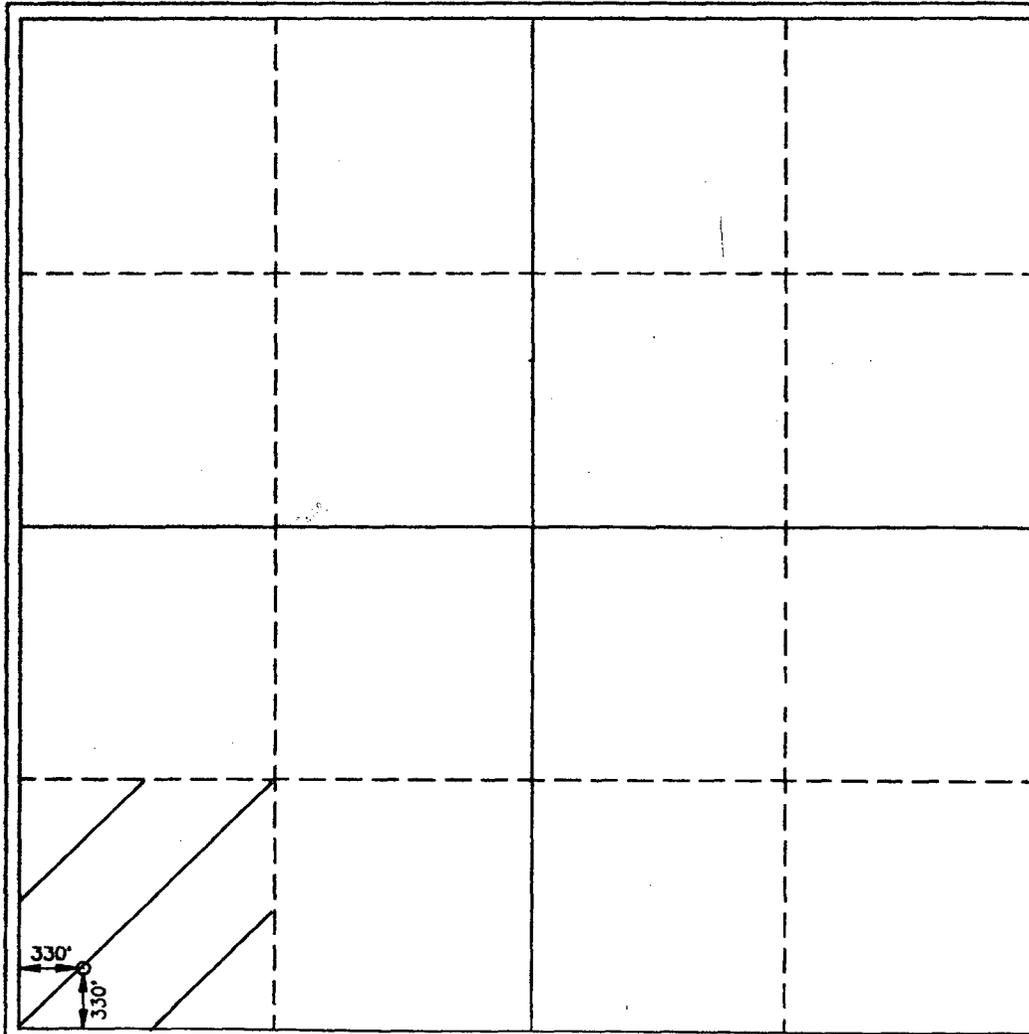
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	17 S	29 E		330	SOUTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	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 to true and complete to the best of my knowledge and belief.

Crissa D. Carter
Signature

Crissa D. Carter
Printed Name

Production Clerk
Title

1/22/98
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 6, 1998
Date Surveyed

JLP
Signature

RONALD S. EIDSON
Professional Surveyor
No. 2288

W.O. Num. 98-19-0005

Associate No. RONALD S. EIDSON, 3239
CARTER EIDSON, 12841
MCDONALD, 12165

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

DISTRICT II
P.O. Drawer 89, 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 30-015-30603	Pool Code 28509	Pool Name Grayburg Jackson SR-Q-G-SA
Property Code 022547	Property Name TENNECO STATE	Well Number 1
OGED No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3635

Surface Location

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

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	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 Clerk Title</p> <p>1/22/98 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 6, 1998 Date Surveyed</p> <p>JLP Signature of Geol. Professional Surveyor</p> <p>Professional Seal: RONALD S. EIDSON, 3239 P.W.O. Num. 98-130005</p> <p>RONALD S. EIDSON, 3239 EIDSON, 12641 McDONALD, 12185</p>	

DISTRICT II
 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 30-015-30861	Pool Code 96610	Pool Name East Empire Yeso
Property Code 022547	Property Name TENNECO STATE	Well Number 2
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3632

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	17 S	29E		990	SOUTH	940	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	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 that 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>12/8/99 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>NOVEMBER 23, 1999 Date Surveyed</p> <p><i>Ronald J. Eidson</i> Signature & Seal of Professional Surveyor</p> <p>NEW MEXICO 8299 99-11-1008 12-07-99</p> <p>Certification No. RONALD J. EIDSON 3239 STATE OF NEW MEXICO 12641 R. McDONALD 12185</p>

DISTRICT II
 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 30-015-30861	Pool Code 28509	Pool Name Grayburg Jackson SR-Q-G-SA
Property Code 022547	Property Name TENNECO STATE	Well Number 2
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3632

Surface Location

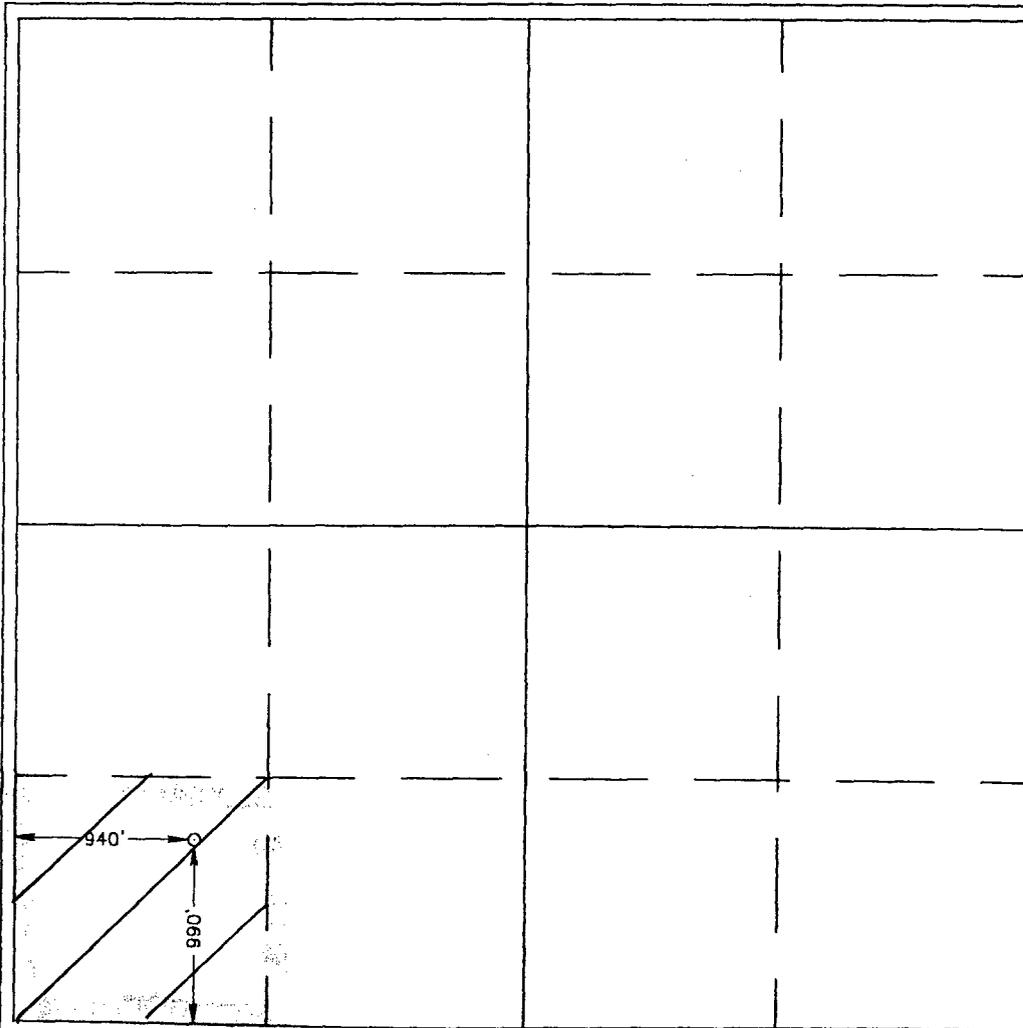
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	17 S	29E		990	SOUTH	940	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 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

Ronald J. Eidson
 Signature & Seal of Professional Surveyor

NEW MEXICO
 PROFESSIONAL SURVEYORS
 8289
 99-11-1004
 12-07-99

Certification No. RONALD J. EIDSON 3239
 CAROL EIDSON 12641
 RICHARD McDONALD 12185

DISTRICT I
 Box 1888, Hobbs, NM 88241-1888

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

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

DISTRICT IV
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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 30-015-31480		Pool Code 28509	Pool Name Grayburg Jackson SR-Q-G-SA
Property Code 022547	Property Name TENNECO STATE		Well Number 3
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION		Elevation 3631

Surface Location

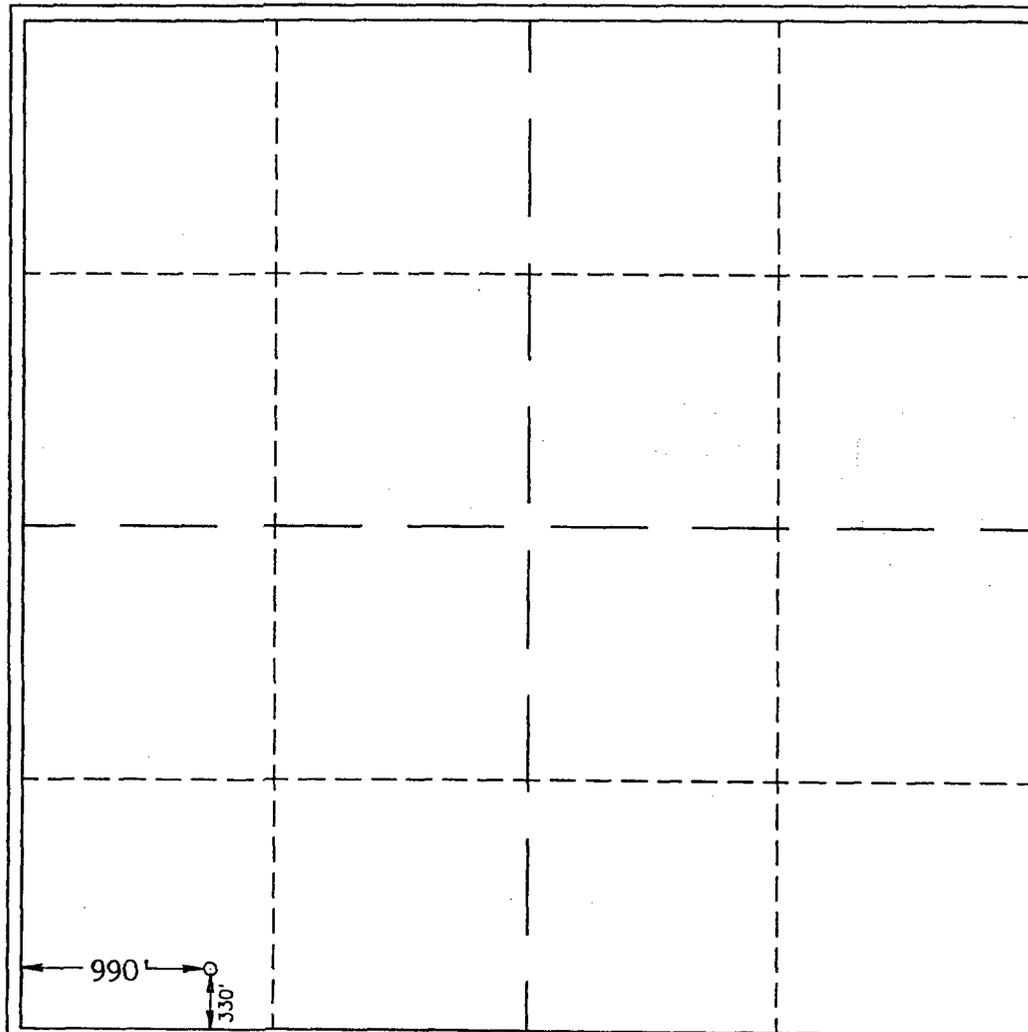
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	17 S	29 E		330	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 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

11/27/00
 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.

NOVEMBER 16, 2000
 Date Surveyed JLP

Signature & Seal of Professional Surveyor

Ronald J. Eidson 11/20/00
 W.O. Num. 00-11-1442

Certificate No. RONALD J. EIDSON, 3239
 GARY G. EIDSON, 12641

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 I
P.O. Box 1000, Hobbs, NM 88241-1000

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

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 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 30-015-31480		Pool Code 96610	Pool Name East Empire Yeso
Property Code 022547	Property Name TENNECO STATE		Well Number 3
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION		Elevation 3631

Surface Location

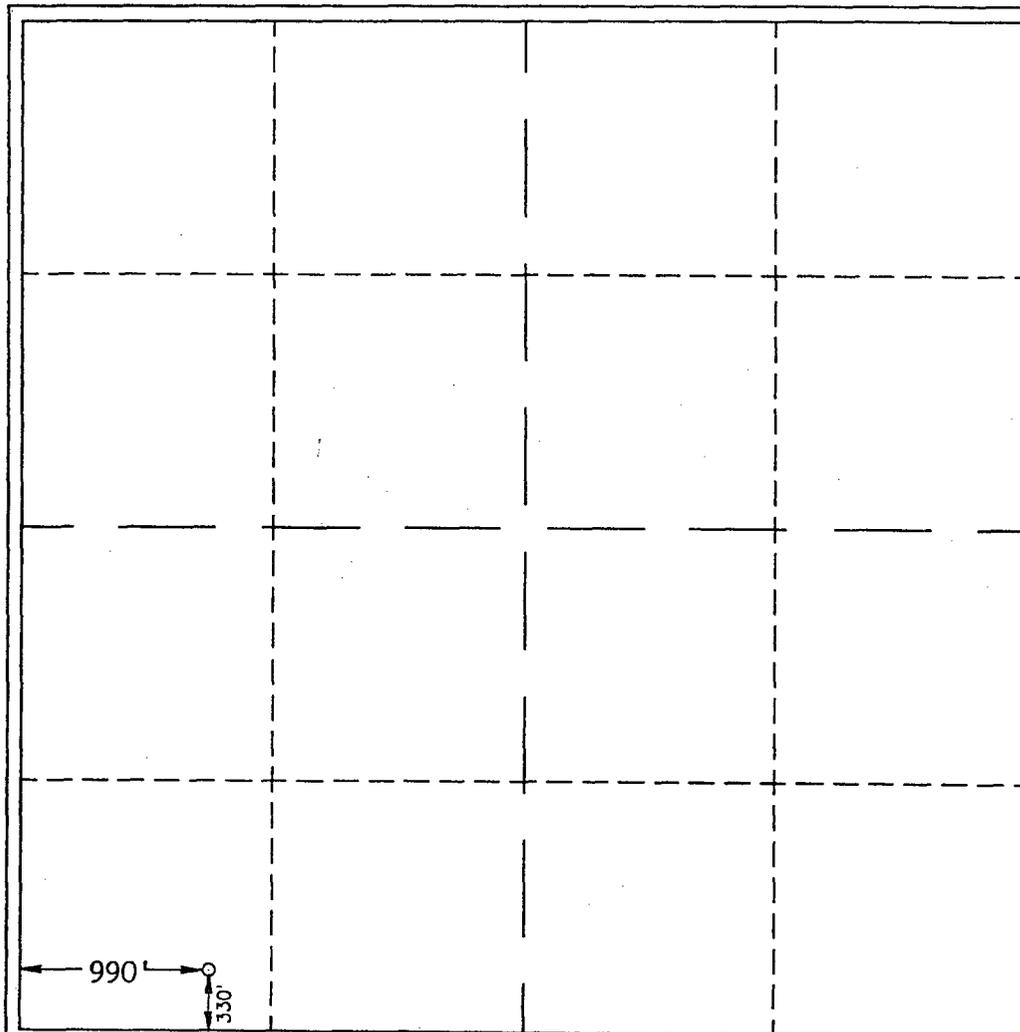
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	17 S	29 E		330	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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OPERATOR CERTIFICATION

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Crissa D. Carter
Signature

Crissa D. Carter
Printed Name

Production Analyst
Title

11/27/00
Date

SURVEYOR CERTIFICATION

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NOVEMBER 16, 2000
Date Surveyed

JLP
Signature & Seal of Professional Surveyor

Ronald J. Eidson 11/20/00
W.O. Num. 00-11-1442

Certificate No. RONALD J. EIDSON, 3239
GARY G. EIDSON, 12641

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I
1900, Hobbs, NM 88241-1900

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

DISTRICT III
1000 Rio Brazos Ed., 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 30-015-32242	Pool Code 28509	Pool Name Grayburg Jackson SR-Q-G-SA
Property Code 022547	Property Name TENNECO STATE	Well Number 4
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3647'

Surface Location

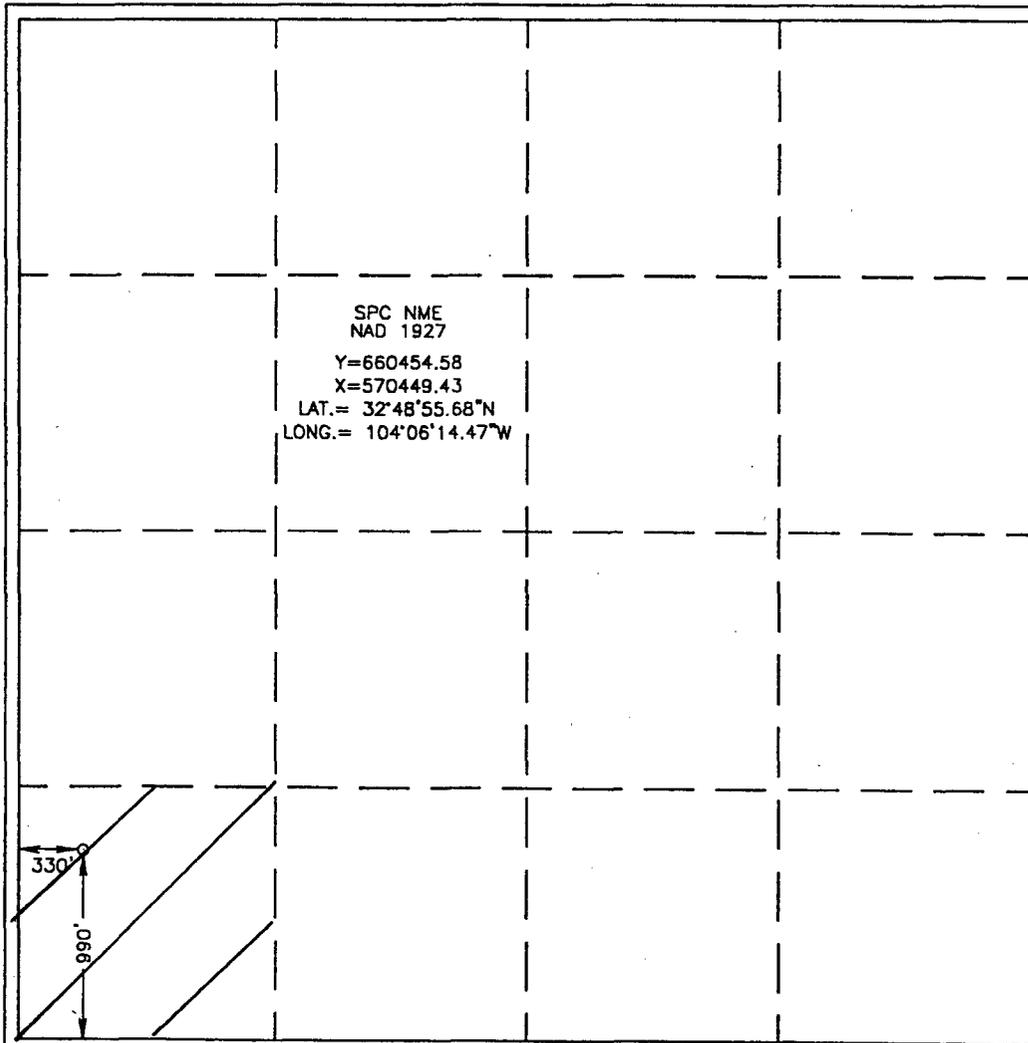
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	17-S	29-E		990	SOUTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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

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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

4/2/2002

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

MARCH 21, 2002

Date Surveyed _____ AWB

Signature & Seal of Professional Surveyor

Ronald D. Edson
3/29/02
02.11.02

Certificate No. RONALD D. EDSON 3239
GARY EDSON 12841

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

DISTRICT II
P.O. Box 2088, 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 30-015-32242	Pool Code 96610	Pool Name East Empire Yeso
Property Code 022547	Property Name TENNECO STATE	Well Number 4
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3647'

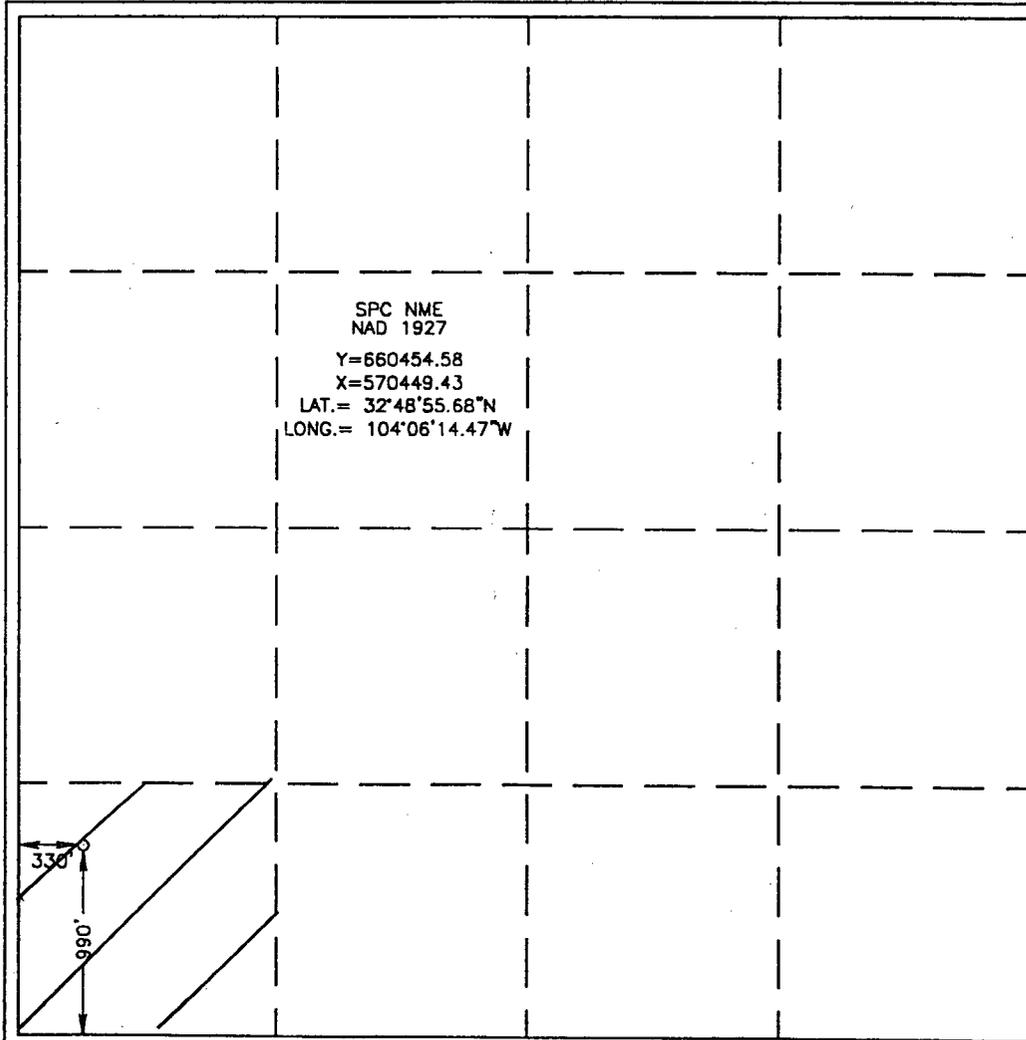
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	17-S	29-E		990	SOUTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

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

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OPERATOR CERTIFICATION

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Crissa D. Carter

Signature

Crissa D. Carter

Printed Name

Production Analyst

Title

4/2/2002

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 21, 2002

Date Surveyed _____ AWB

Signature *Ronald D. Edson*
Professional Surveyor

Ronald D. Edson
3239
3/29/02
02.11.02

Certificate No. RONALD D. EDSON 3239
GARY EDSON 12641



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

November 4, 2005

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

Re: Downhole Commingling, and measurement of
Hydrocarbon Production for:
Tenneco State #1,2,3,4
Section 20, T17S, R29E
Eddy County, New Mexico

Mack Energy Corporation as operator of the aforementioned (4) 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 Tenneco State wells (State of NM Lease E-7640). Production of both pools will be measured at the Tenneco State TB located in the SW/4 SW/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 Tenneco State wells #1,2,3,4 Sec 20 T17S R29E.

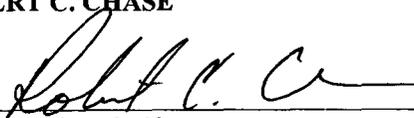
Tenneco State Lease DHC Approval

CHASE OIL CORPORATION

By: 
Robert C. Chase, President

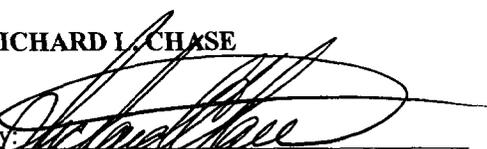
Date: 11/7/2005

ROBERT C. CHASE

By: 
Robert C. Chase

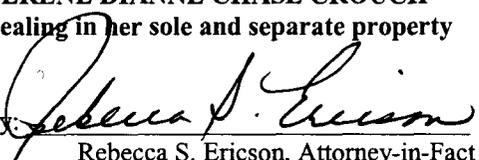
Date: 11/7/2005

RICHARD L. CHASE

By: 
Richard L. Chase

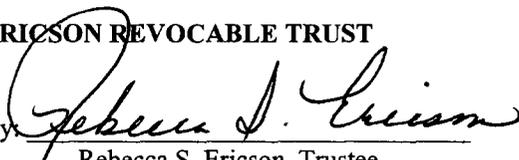
Date: 11-7-05

GERENE DIANNE CHASE CROUCH
Dealing in her sole and separate property

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

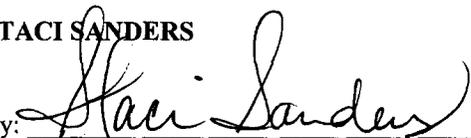
Date: 11-7-05

ERICSON REVOCABLE TRUST

By: 
Rebecca S. Ericson, Trustee

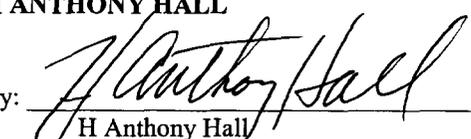
Date: 11-7-05

STACI SANDERS

By: 
Staci Sanders

Date: 11-7-05

H ANTHONY HALL

By: 
H Anthony Hall

Date: 11-7-05

CHARLOTTE GLEGHORN

By: Charlotte Gleghorn
Charlotte Gleghorn

Date: 11/7/05

JOHN M. KING

By: John M. King
John M. King

Date: 11/2/05

BILL W. CHASE

By: Bill W. Chase
Bill W. Chase

Date: 11-16-2005

BUCKHORN ENTERPRISES

By: J. Thomas Brewer
J. Thomas Brewer, President

Date: 11/14/05

STEPHEN L. GEORGE

By: Stephen L. George
Stephen L. George

Date: 11-9-05

MATT J. BREWER

By: Matt J. Brewer
Matt J. Brewer

Date: 11/04/05

MARK BREWER

By: Mark S. Brewer
Mark Brewer

Date: 11-04-05

CRISSA D. CARTER

By: Crissa D. Carter
Crissa D. Carter

Date: 11/4/05