

DATE 8/15/05	SUSPENSE 9/15/05	ENGINEER WVS	LOGGED IN 9-26-05	TYPE (PC-)	APP NO. PSEM0526932650
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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 _____

*DIVERSELY OWNED
BETWEEN POOLS BUT POOLS
ARE PLACED
ON THE WALLS*

[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.

Print or Type Name

Signature

Title

Date

e-mail Address



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

August 11, 2005

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

Re: Downhole Commingling, and measurement of
Hydrocarbon Production for:
Mesquite State #1,2,3,4,5,6,7,8,9,10,11,12,13
Section 20, T17S, R29E
Eddy County, New Mexico

Mack Energy Corporation as operator of the aforementioned (13) wells respectfully requests administrative approval for down hole commingling and measurement of production.

Mack Energy proposes to commingle Grayburg Jackson;SR-Q-G-SA(28509) and East Empire Yeso(96610) production in the above mentioned Mesquite State wells(Lease E-742). Production of both pools will be measured at the Mesquite State Tank Battery located in the NW/4 SW/4 Sec. 20 T17S R29E. This lease does not have 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.

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.

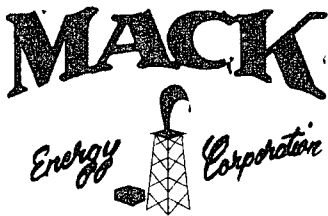
Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk
jerrys@mackenergycorp.com

JWS/

Enclosures



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

August 11, 2005

CERTIFIED RETURN RECEIPT MAIL

7004 2510 0004 3033 0433

Exxon Mobile Corporation
PO Box 4610
Houston, TX 77210

To Whom It May Concern:

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to Surface Commingle production from all Mesquite State wells at a Central Tank Battery located in the NW/4 SW/4 of Section 20-T17S-R29E, Eddy County, New Mexico. At this time we are also submitting application to Down Hole commingle the Grayburg Jackson; SR-Q-G-SA and the East Empire Yeso pools in all of the Mesquite State wells.

Should you have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve this application if no objection to the Surface Commingling has been made within the 20 days after the application has been received.

Sincerely,

Jerry W. Sherrell
Production Clerk

JWS/

Enclosures

**Mesquite State Lease (E-742)
Sec. 20, T17S, R29E
Eddy County, New Mexico**

San Andres Ownership

Owner	Interest	Type
State of New Mexico	0.12500000	RI
Exxon Corporation	0.06250000	OR
Chase Oil Corporation	0.73125000	WI
Robert C. Chase	0.04062500	WI
Richard L. Chase	0.02437500	WI
Gerene Dianne Chase Crouch	0.01625000	WI
	<u>1.00000000</u>	

Paddock Ownership

Owner	Interest	Type
State of New Mexico	0.12500000	RI
Chase Oil Corporation	0.78750000	WI
Robert C. Chase	0.04375000	WI
Richard L. Chase	0.02625000	WI
Gerene Dianne Chase Crouch	0.01750000	WI
	<u>1.00000000</u>	

***Note: The owners are the same in these two formations except for the override to Exxon in the San Andres formation.
All of the owners except for Exxon are "in house" Chase entities.**

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Ave. 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-107-B
Revised June 10, 2003

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Mack Energy Corporation

OPERATOR ADDRESS: PO Box 960 Artesia, NM 88211-0960

APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Grayburg Jackson;SR-Q-G-SA 28509	36.9				
East Empire Yeso 96610	36.9				

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☒ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

- (1) Pool Name and Code.
(2) Is all production from same source of supply? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No
(4) Measurement type: ☐ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attach sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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: 8/11/2005

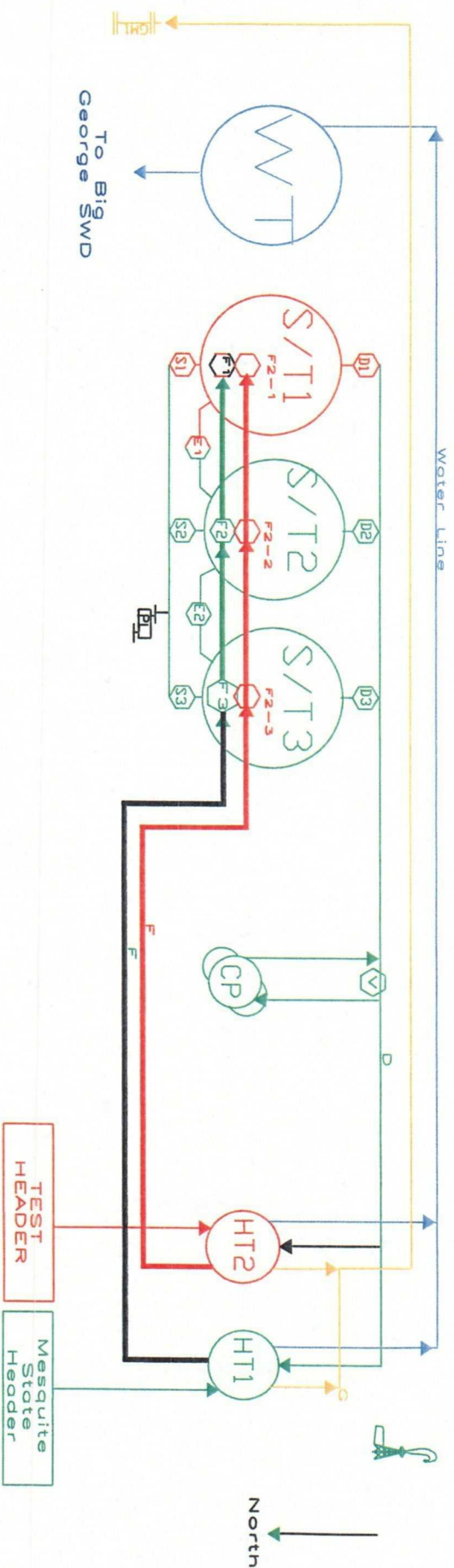
TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO.: (505) 748-1288

E-MAIL

ADDRESS: jerrys@mackenergycorp.com

MACK

Energy Corporation



Production Phase

Mesquite State Battery		Test Battery	
S/T 1	S/T 2	S/T 3	
F2N Open	F2N Closed	F1 Open	
D2N Open	D2N Closed	E1 Open	
S2N Closed	S2N Open	S1 Closed	
D3N Closed	D3N Open		
S3N Closed	S3N Open		

Sales Phase

Mesquite State Battery		Test Battery	
S/T 1	S/T 2	S/T 3	
F2N Closed	F2N Open	F1 Closed	
D2N Closed	D2N Open	E1 Closed	
S2N Open	S2N Closed	S1 Open	
D3N Open	D3N Closed		
S3N Open	S3N Closed		

This lease is subject to the site Security plan for southeast New Mexico operations.

The Plan is Located at :

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

Mack Energy Corporation
Mesquite State Tonk Battery
NW/4 SW/4
Section 20 T17S R29E

Mesquite State Lease
Test Facility

Jones, William V., EMNRD

From: Jerry Sherrell [jerrys@mackenergycorp.com]
Sent: Thursday, October 06, 2005 1:46 PM
To: Jones, William V., EMNRD
Subject: RE: Mack Energy, Pool Commingle and DHC of the 13 well Mesquite Lease
Attachments: Mesquite DOI.tif

Will

The wells #1-12 have produced for some time out of the Yeso, #13 has produced since 7/2/2005 out of the San Andres, Therefore, requesting Surface Commingling at this time. The daily well tests have not had any significant change. When we perforate the second zone(which has not been done at this time and the date of DHC has not yet been determined) the increase in production per well using daily tests will be allocated to the new zone and percentages assigned. Well tests are done daily each well is tested for 3-5 days and then the next well is tested. I will attach a summary of the division of interest that applies to all wells on this lease. All Yeso interest is common and all San Andres interest is common. There are 3 500bbl tanks and two heater treaters at this facility capable of seperating and testing production. Also I am not sure exactly what you mean regarding plots.

Thanks Jerry

-----Original Message-----

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Thursday, October 06, 2005 9:04 AM
To: Jerry Sherrell; Catanach, David, EMNRD; Macquesten, Gail, EMNRD
Subject: Mack Energy, Pool Commingle and DHC of the 13 well Mesquite Lease

Hello Jerry:

I will talk to David Catanach and our attorney (Gail) about putting this 13 well (two pool) commingle to hearing, since we have in the past done hearings for diverse ownership using well tests. This is even more complicated, since you want to also DHC each well.

I am working on this today, but need to ask some more questions - because Mack does not seem to have an idea what percentage will be assigned to each pool within each of these wells and it is diverse ownership. You could wait to answer the questions if you want until I talk to David and Gail.

You already stated what the reservoir pressures are in the two pools.

How will you determine which percentage to assign each of these pools?

Are you intending to test each zone in each well?

Since the Yeso is already producing in each of these wells, please send a plot for each well of the Yeso production in the past. And also send a plot of the entire Mesquite lease for the Yeso. (You could send an excel plots, scan plots and email, or just fax the plots to 476-3462.)

You must have already perforated the upper pool also in some of these wells, so send a summary of the tests on the upper pool or a plot of any production from any of these wells in the upper pool.

I am assuming you want to use well tests at a main battery. How often do you intend to test (at the mail battery) each well for oil and for gas?

Tell me more about the diverse ownership - does some wells have identical ownership and which are those?

10/7/2005

How is the Yeso production handled at this time? Is there a separator and allocation meter on each well pad? or is the Yeso identical ownership throughout the lease?

let me know,

Regards,

Will Jones

-----Original Message-----

From: Jerry Sherrell [<mailto:jerrys@mackenergycorp.com>]

Sent: Wednesday, October 05, 2005 4:32 PM

To: Jones, William V., EMNRD

Subject: Mesquite

Will is there any way to seperate the Surface Commingle that was submitted out and get it approved before the DHC.

Thanks Jerry

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -
- This email has been scanned by the Sybari - Antigen Email System.

C-107-B Attachment

(E) Additional Information

(3) Mesquite State Lease, E-742 Section 20-T17S-R29E, Units D, E, K, L & N

1. Mesquite State #1, API 30-015-30037
2. Mesquite State #2, API 30-015-30912
3. Mesquite State #3, API 30-015-30726
4. Mesquite State #4, API 30-015-30913
5. Mesquite State #5, API 30-015-30727
6. Mesquite State #6, API 30-015-30914
7. Mesquite State #7, API 30-015-30866
8. Mesquite State #8, API 30-015-30940
9. Mesquite State #9, API 30-015-30941
10. Mesquite State #10, API 30-015-30942
11. Mesquite State #11, API 30-015-31799
12. Mesquite State #12, API 30-015-32159
13. Mesquite State #13, API 30-015-33692

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
EnerRy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe. NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number Multiple see attached	'Pool Code 28509/96610	'Pool Name Grayburg Jackson SR Q G SA/East Empire Yeso
'Property Code 23810	'Property Name Mesquite State	'Well Number Multiple
'GRID No. 013837	'Operator Name Mack Energy Corporation	'Elevation

HI Surface Location

UL or lot no. D,E,K,L,N	Section 20	Township 17S	Range 29E	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	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 200	" joint or Infill	" Consolidation Code	" Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL XL 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	
	Signature Jerry W. Sherrell Printed Name Production Clerk Title 8/10/2005 Date	
	"SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
Date of Survey Signature and Seal of Professional Surveyor.		
Certificate Number		

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

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

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

DISTRICT IV
P.O. Box 2088, Santa Fe, 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 30-015-30037	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE WINDMILL STATE	Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3646

Surface Location

UL or lot No. L	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 330	East/West line WEST	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

	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Crissa D. Carter Printed Name Production Clerk Title 1/22/98 Date	
	SURVEYOR CERTIFICATION <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> JANUARY 6, 1998 Date Surveyed Signature RONALD G. EDSON Professional Surveyor 3239 New Mexico 1-09-98 P.O. Num. 98-1120006 Certificate No. RONALD G. EDSON, 3239 CLARENCE EDSON, 12841 JEANNE MCDONALD, 12185	

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

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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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 30-015-30037	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE WINDMILL STATE	Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3646

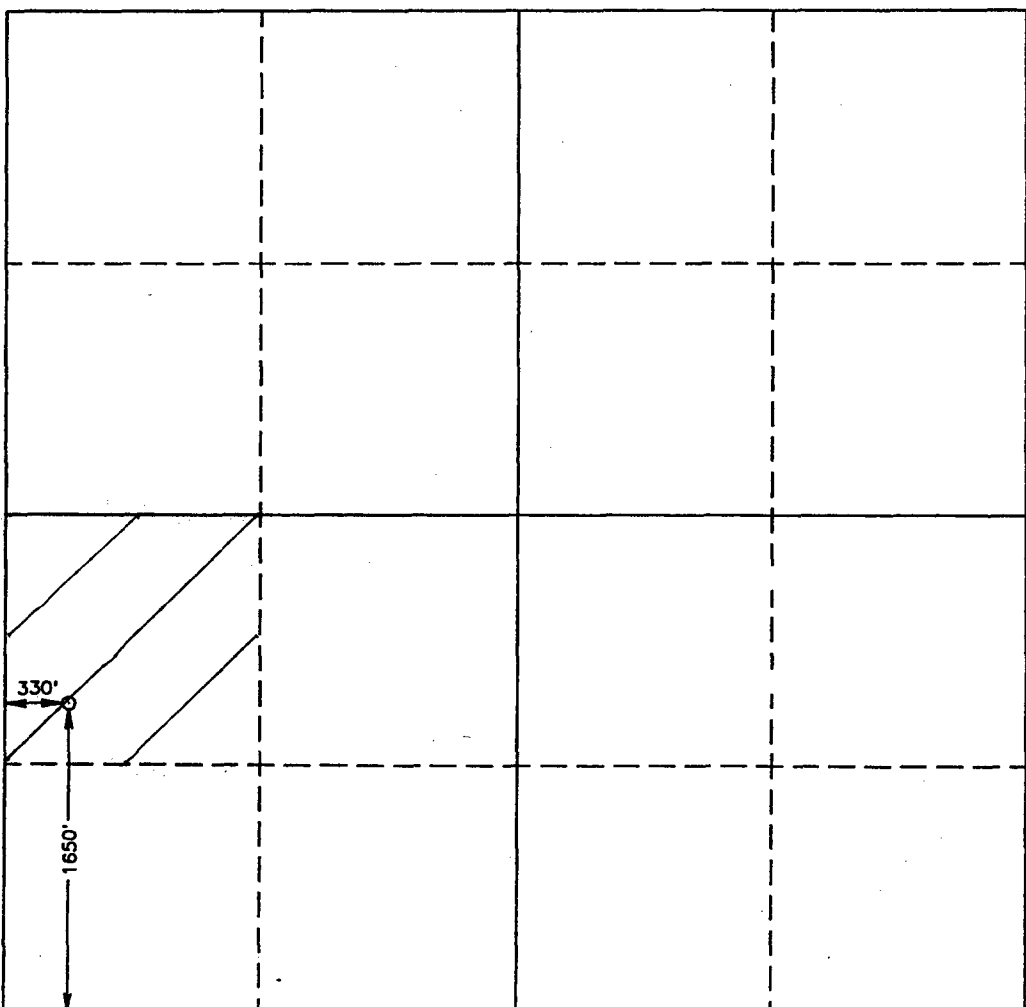
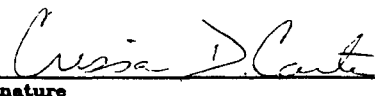
Surface Location

UL or lot No. L	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 330	East/West line WEST	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

	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Crissa D. Carter Printed Name Production Clerk Title 1/22/98 Date
	SURVEYOR CERTIFICATION <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> JANUARY 6, 1998 Date Surveyed Signature of Ronald G. Edson Professional Surveyor NEW MEXICO 3239 1-09-98 P.O. No. 98-1-12-0006 Certificate No. RONALD G. EDSON, 3239 CAROL EDSON, 12841 JASON McDONALD, 12185

RICT I

Box 1982, Hobbs, NM 88241-1982

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

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DISTRICT II

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

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30912	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 2
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3639

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	17 S	29E		2310	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. Signature Crissa D. Carter Printed Name Production Analyst Title 1/11/00 Date			
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 6, 2000 Date Surveyed Signature & Seal of Professional Surveyor Ronald J. Kidson, 01/07/00 09-11-1143			
	Certificate No. RONALD J. KIDSON 3239 CARY KIDSON 12841 MACON McDONALD 12186			

RICT I

Box 1000, Hobbs, NM 88241-1000

DISTRICT II

P.O. Drawer 100, Artesia, NM 88211-0710

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, N.M. 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 30-015-30912	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 2
OGRIID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3639

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	17 S	29E		2310	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. Signature Crissa D. Carter Printed Name Production Analyst Title 1/11/00 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. JANUARY 6, 2000 Date Surveyed LMP Signature & Seal of Professional Surveyor Certificate No. RONALD J. EDSON 3239 GARY EDSON 12841 MACON McDONALD 12185

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30726	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 023810	Property Name MESQUITE STATE	Well Number 3
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3617

Surface Location

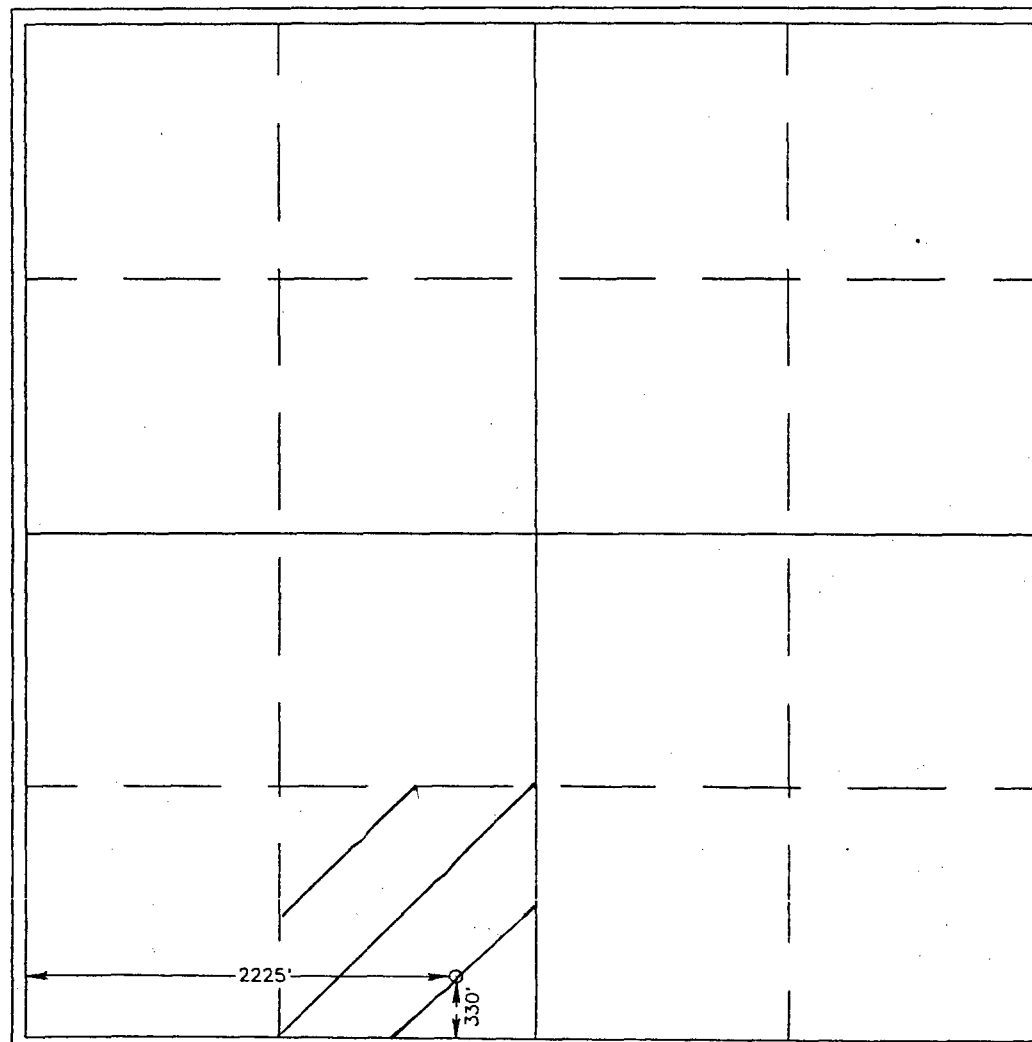
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	17 S	29 E		330	SOUTH	2225	WEST	EDDY

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**



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

8/16/1999
Date

SURVEYOR CERTIFICATION

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

AUGUST 9, 1999

Date Surveyed **DMCC**

Signature of Seal
Professional Surveyor

RONALD E. EDSON
8-11-99
99-11-0648
Certificate No. **RONALD E. EDSON 3239**
CARY EDSON 12641
MARK E. EDSON 12185

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30726	Pool Code 96610	Pool Name East Empire Yeso
Property Code 023810	Property Name MESQUITE STATE	Well Number 3
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3617

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	17 S	29 E		330	SOUTH	2225	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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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Crissa D. Carter</i> Signature</p> <p>Crissa D. Carter Printed Name</p> <p>Production Analyst Title</p> <p>8/16/1999 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>AUGUST 9, 1999</p> <p>Date Surveyed DMCC</p> <p>Signature of Professional Surveyor <i>Ronald E. Edson</i></p> <p>RONALD E. EDSON Professional Surveyor</p> <p>8-11-99 99-11-0648</p> <p>Associate No. RONALD E. EDSON 3239 12641 12185</p>

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

DISTRICT II
P.O. Drawer 80, Artesia, NM 88211-0710

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

DISTRICT IV
P.O. Box 2000, Santa Fe, N.M. 87504-2000

State of New Mexico
Survey, Minerals and Natural Resources Department

Form 5-100
Revised February 1977
Subject to Approval by District Office
State Office - Santa Fe
See Instructions

OIL CONSERVATION DIVISION

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

IF AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30913	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 4
OGHD No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3627

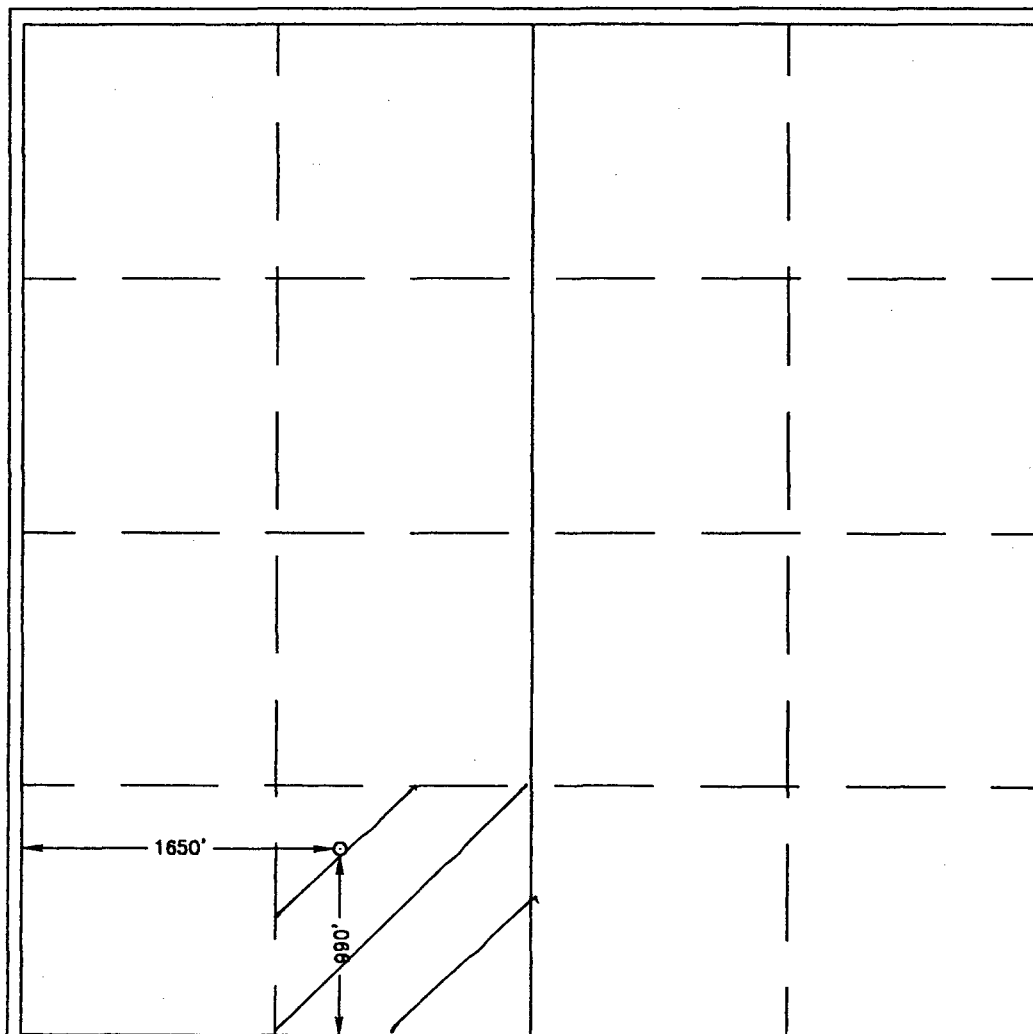
Surface Location

UL or Lot No. N	Section 20	Township 17 S	Range 29E	Lot Idn	Feet from the 990	North/South line SOUTH	Feet from the 1650	East/West line WEST	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



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

1/11/00

Date

SURVEYOR CERTIFICATION

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

JANUARY 6, 2000

Date Surveyed LMP

Signature & Seal of Professional Surveyor

Ronald J. Kidson
99-11-1145

Certificate No. RONALD J. KIDSON 3239
GARY KIDSON 12841
MAGNUS McDONALD 12185

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

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0718

DISTRICT III
1000 Elia Branch Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form 7-102
Revised January 19, 1999
Adopted by Administrative Order 2000-001
Effective Date - 1/1/2000
File Number - 7-102001

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30913	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 4
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3627

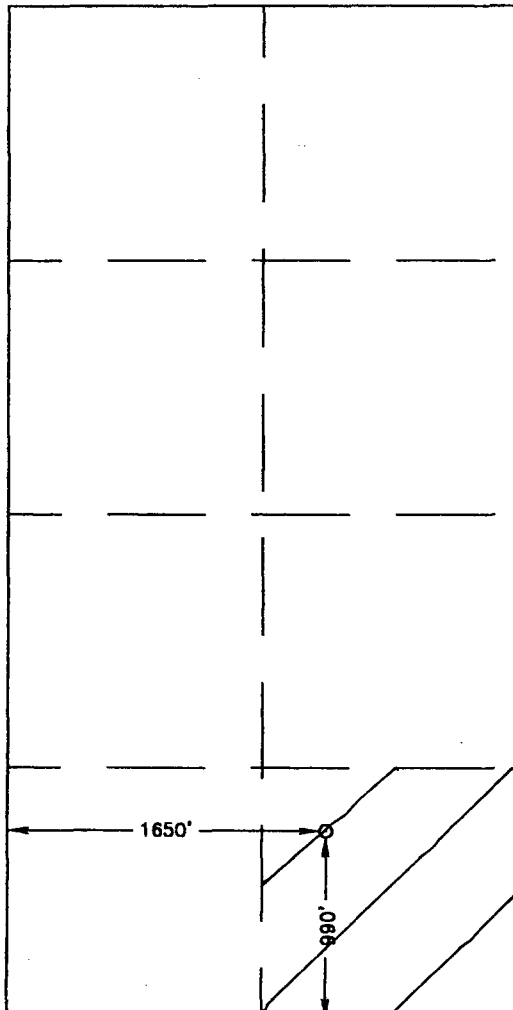

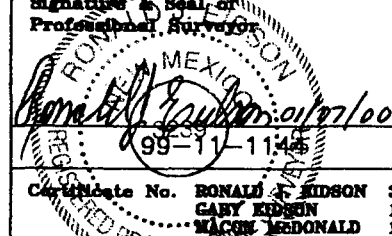
Surface Location

UL or Lot No. N	Section 20	Township 17 S	Range 29E	Lot Idn	Feet from the 990	North/South line SOUTH	Feet from the 1650	East/West line WEST	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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Crissa D. Carter Printed Name Production Analyst Title 1/11/00 Date		
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 6, 2000 Date Surveyed LMP Signature & Seal of Professional Surveyor  Certificate No. RONALD E. HUDSON 3239 CARY KIDSON 12641 WACON McDONALD 12186		

ACT I
Ex 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

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

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Energy, Minerals and Natural Resources Department

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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 30-015-30727		Pool Code 28509	Pool Name Grayburg_Jackson;SR-Q-G-SA
Property Code 023810	Property Name MESQUITE STATE		Well Number 5
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION		Elevation 3621

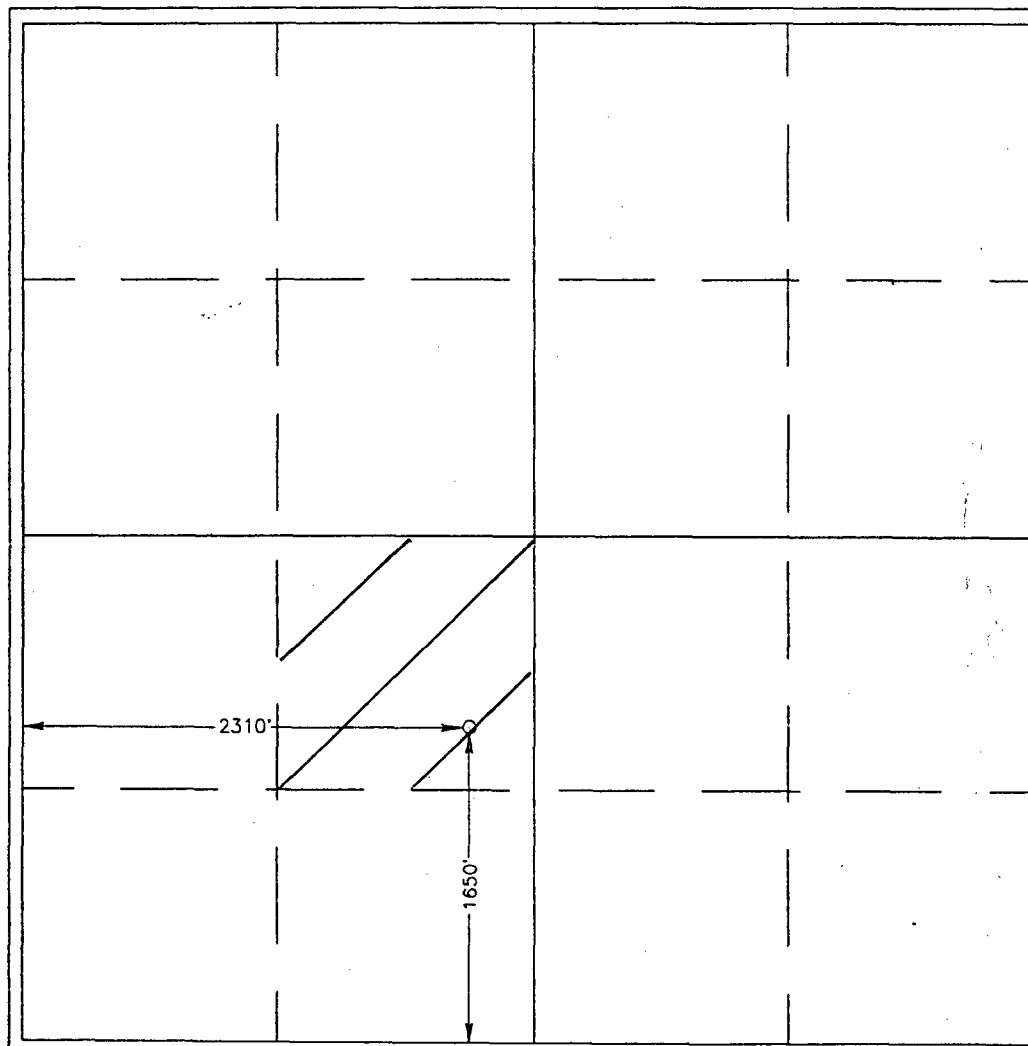
Surface Location

UL or lot No. K	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 2310	East/West line WEST	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



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

8/16/1999
Date

SURVEYOR CERTIFICATION

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

AUGUST 9, 1999

Date Surveyed **DMCC**

Signature *Ronald L. Eirson*
Professional Surveyor

RONALD L. EIRSON
8-11-99
99-11-064
Cert. No. **RONALD L. EIRSON** 3239
12541
12185

ACT I
Ex 1990, Hobbs, NM 88241-1990
DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
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Energy, Minerals and Natural Resources Department

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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 30-015-30727	Pool Code 96610	Pool Name East Empire Yeso
Property Code 023810	Property Name MESQUITE STATE	Well Number 5
GRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3621

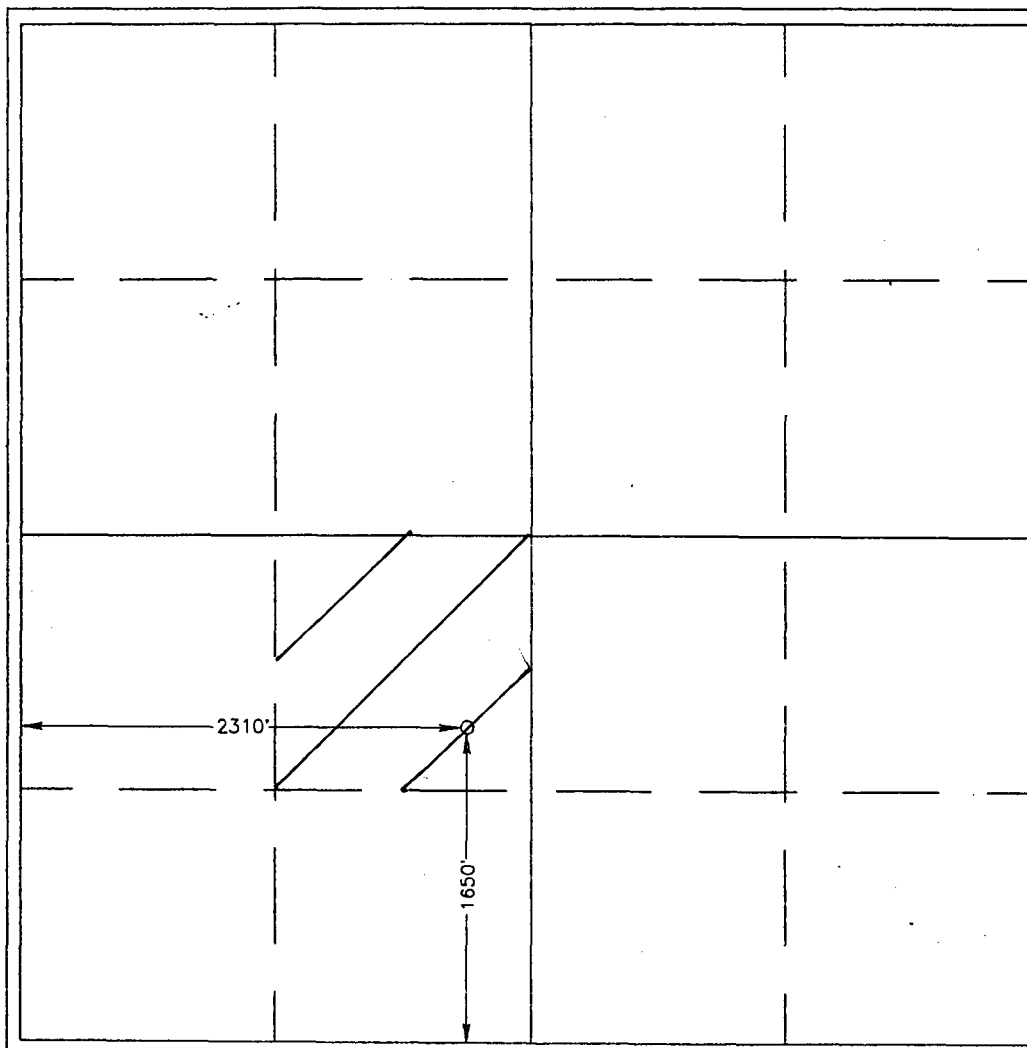
Surface Location

UL or lot No. K	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 2310	East/West line WEST	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



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

8/16/1999

Date

SURVEYOR CERTIFICATION

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

AUGUST 9, 1999

Date Surveyed

DMCC

Signature
Professional Surveyor

Ronald L. Simpson
RONALD L. SIMPSON
MEXICO
8-11-99
89-11-0644
Cert. No. RONALD L. SIMPSON 3239
GARY E. SIMPSON 12641
MICHAEL R. SIMPSON 12185

RICT I

Box 1000, Hobbs, NM 88241-1000

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

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DISTRICT III

1000 Rio Brazos Rd., Artesia, 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 30-015-30914	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 6
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3633

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	17 S	29E		2310	SOUTH	1650	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></p> <p>Signature</p> <p>Crissa D. Carter</p> <p>Printed Name</p> <p>Production Analyst</p> <p>Title</p> <p>1/11/00</p> <p>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, 2000</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Ronald J. Edson</i></p> <p>90-11-1145</p>
	<p>DATE SURVEYED: JANUARY 6, 2000</p> <p>SIGNATURE & SEAL OF PROFESSIONAL SURVEYOR: <i>Ronald J. Edson</i></p> <p>CERTIFICATE NO. 3236</p> <p>GARY EDSON 12641</p> <p>WAGNER McDONALD 12165</p>
	<p>LMP</p>

RICT, I

Mar 1999, Hobbs, NM 88241-1999

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Energy, Minerals and Natural Resources DepartmentForm C-102
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DISTRICT III

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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 30-015-30914	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 6
OGRIID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3633

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	17 S	29E		2310	SOUTH	1650	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. Signature Crissa D. Carter Printed Name Production Analyst Title 1/11/00 Date	
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. JANUARY 6, 2000 Date Surveyed Signature & Seal of Professional Surveyor Certified No. RONALD J. HUDSON 3239 GARY HUDSON 12641 MARION McDONALD 12185	
	LMP 99-11-1145	
	99-11-1145	

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

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30866	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 023810	Property Name MESQUITE STATE	Well Number 7
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3649

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	17 S	29E		2310	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	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><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>12/14/99</u> 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 24, 1999</p> <p>Date Surveyed LMP</p> <p>Signature Ronald E. EIDSON Professional Surveyor</p> <p>NEW MEXICO</p> <p>REGISTERED PROFESSIONAL SURVEYOR</p> <p>License No. 3239 Expiration Date 12-07-99</p> <p>Contract No. 12641 Surveyor McDONALD 12185</p>			

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

DISTRICT III
1000 Rio Brazos Rd., Antec, 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 30-015-30866	Pool Code 96610	Pool Name East Empire Yeso
Property Code 023810	Property Name MESQUITE STATE	Well Number 7
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3649

Surface Location

UL or lot No. E	Section 20	Township 17 S	Range 29E	Lot Idn	Feet from the 2310	North/South line NORTH	Feet from the 330	East/West line WEST	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**

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Crissa D. Carter Printed Name Production Analyst Title 12/14/99 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 24, 1999 Date Surveyed Signature of Surveyor Professional Surveyor NEW MEXICO LMP 3239 12-07-99 12-11-1999 Certificate No. RONALD E. EDSON 3239 CARTER EDSON 12641 McDONALD 12185			

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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DISTRICT II
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DISTRICT III
1000 Rio Brazos Rd., 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 30-015-30940	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 8
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3632

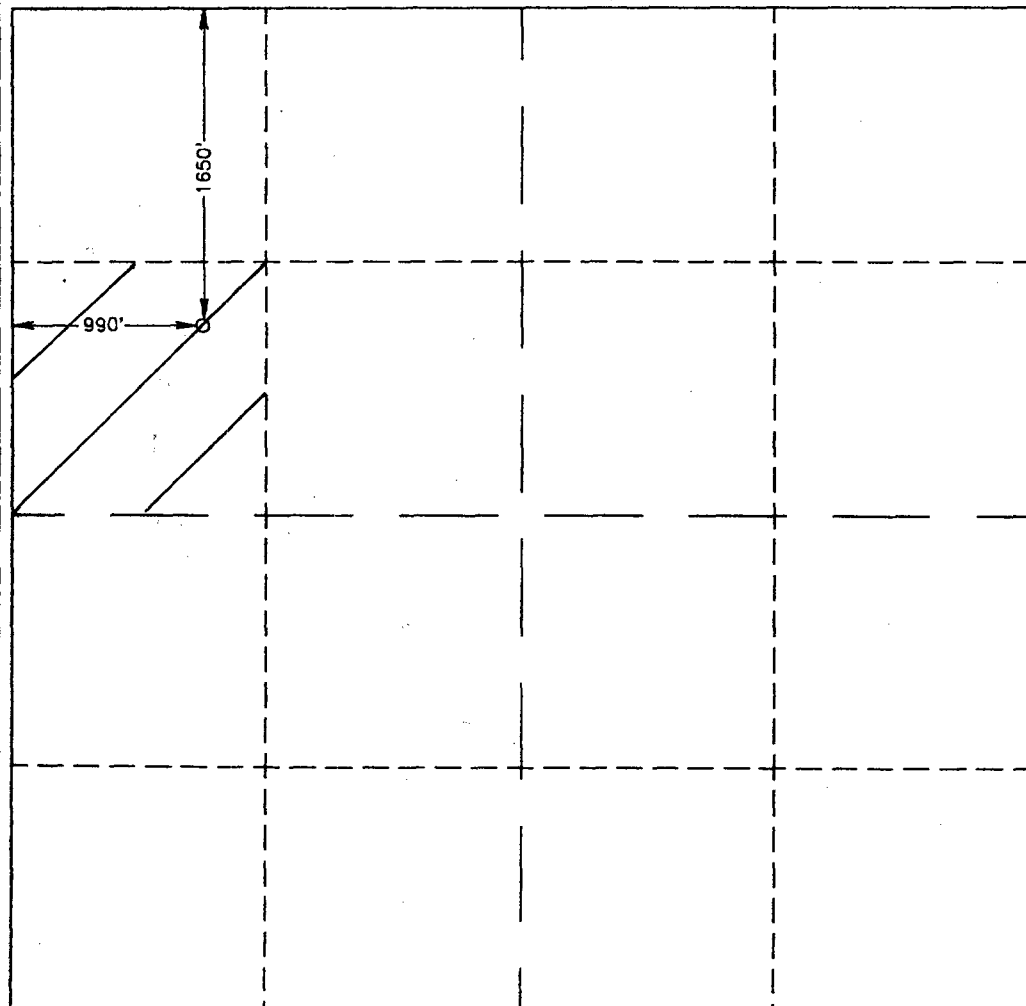
Surface Location

UL or lot No. E	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 990	East/West line WEST	County 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><u>Crissa D. Carter</u> Signature</p> <p>Crissa D. Carter Printed Name</p> <p>Production Analyst Title</p> <p>1/26/00 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 11, 2000</p> <p>Date Surveyed</p> <p><u>Ronald D. Edson</u> Signature of Professional Surveyor</p> <p><u>Ronald D. Edson</u> Professional Surveyor</p> <p><u>01-21-2000</u> Date</p> <p><u>00-11-0024</u> D. Num.</p> <p>Certificate No. RONALD D. EDSON, 3239 R. D. EDSON, 12641 JACOB McDONALD, 12185</p>
---	---

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

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

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

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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 30-015-30940	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 8
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3632

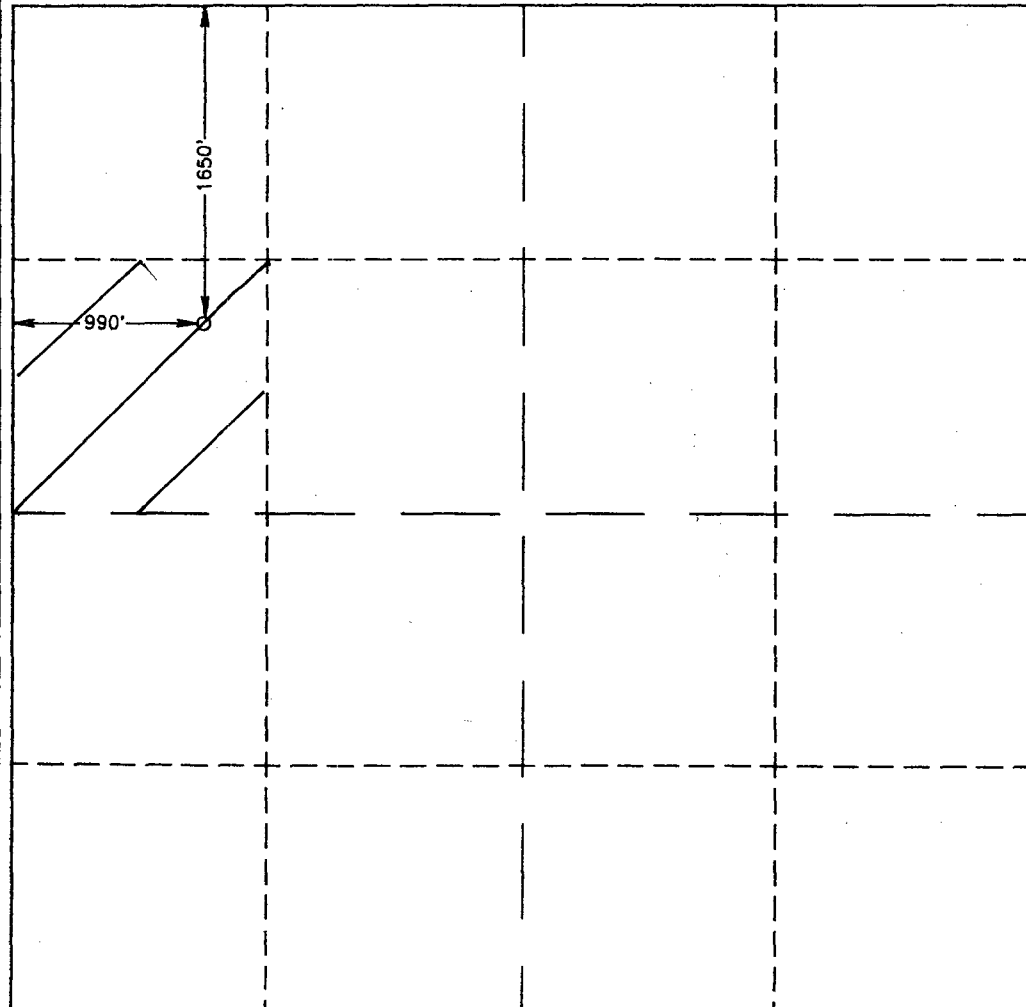
Surface Location

UL or lot No. E	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 990	East/West line WEST	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>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Crissa D. Carter</i> Signature</p> <p>Crissa D. Carter Printed Name</p> <p>Production Analyst Title</p> <p>1/26/00 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 11, 2000 Date Surveyed</p> <p><i>Ronald D. Edson</i> Signature of Professional Surveyor</p> <p><i>Ronald D. Edson</i> Professional Surveyor</p> <p>01-21-2000 Date</p> <p>00-11-0024 No.</p> <p>Certified No. RONALD D. EDSON, 3239 EDSON, 12841 McDONALD, 12185</p>

DISTRICT II
Brewer ED, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Artec, 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 30-015-30941	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 9
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3639

Surface Location

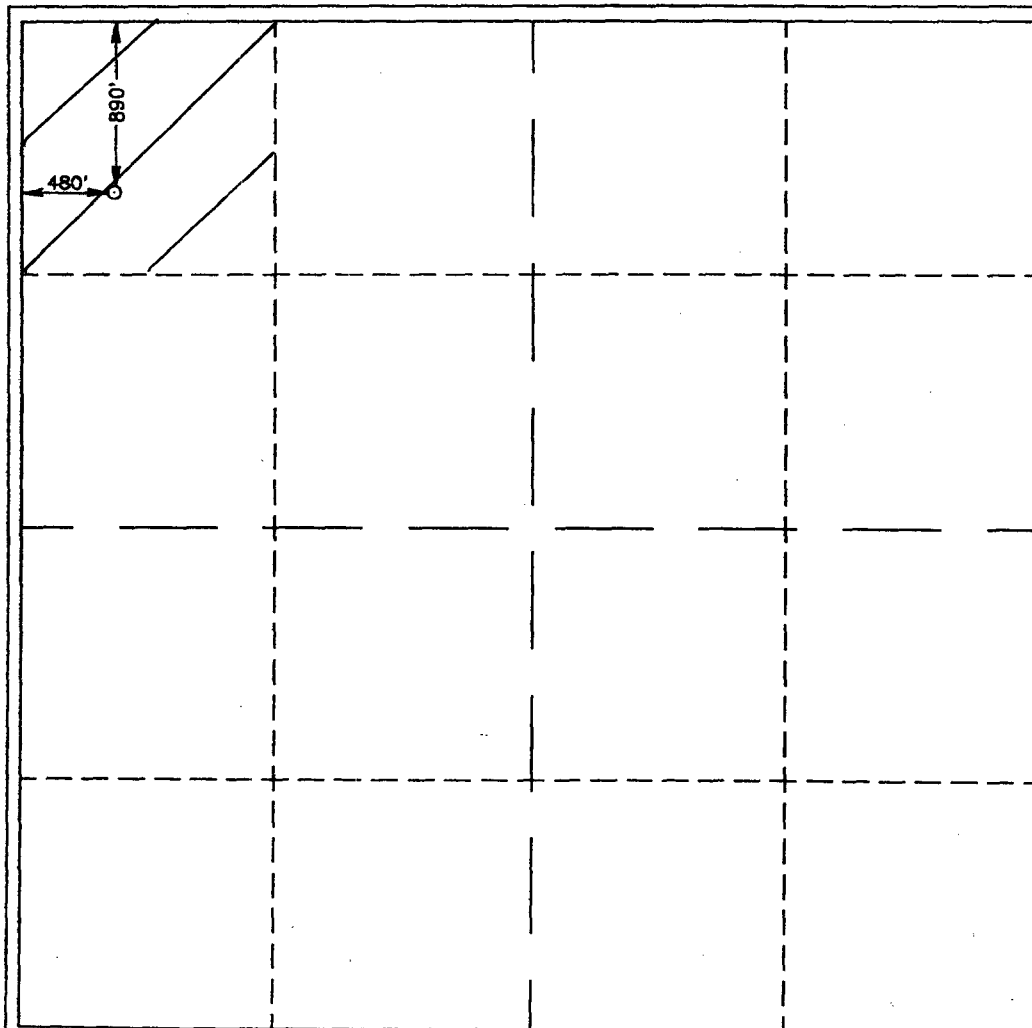
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	17 S	29 E		890	NORTH	480	WEST	EDDY

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
1/26/00
Date

SURVEYOR CERTIFICATION

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

JANUARY 11, 2000

Date Surveyed
Signature
Professional Surveyor
RONALD J. EIDSON
NEW MEXICO
3239
1-21-2000
W.O. Num 00-11-0025
Certificate No. **RONALD J. EIDSON, 3239**
GARY C. EIDSON, 12641
MAGGIE McDONALD, 12185

DISTRICT II
Drawer RD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., 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 30-015-30941	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 9
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3639

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	17 S	29 E		890	NORTH	480	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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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

	<h3>OPERATOR CERTIFICATION</h3> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Crissa D. Carter</i> Signature</p> <p>Crissa D. Carter Printed Name</p> <p>Production Analyst Title</p> <p>1/26/00 Date</p>	
	<h3>SURVEYOR CERTIFICATION</h3> <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</p> <p>JLP Signature of Professional Surveyor</p> <p>RONALD J. EIDSON Professional Surveyor</p> <p>1-21-2000 Date</p> <p>W.O. Num 00-14-0025</p>	
	<p>Certificate No. RONALD J. EIDSON, 3239</p> <p>GARY G. EIDSON, 12841</p> <p>MACON McDONALD, 12185</p>	

DISTRICT I
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OIL CONSERVATION DIVISION

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☐ AMENDED REPORT

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30942	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 10
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3627

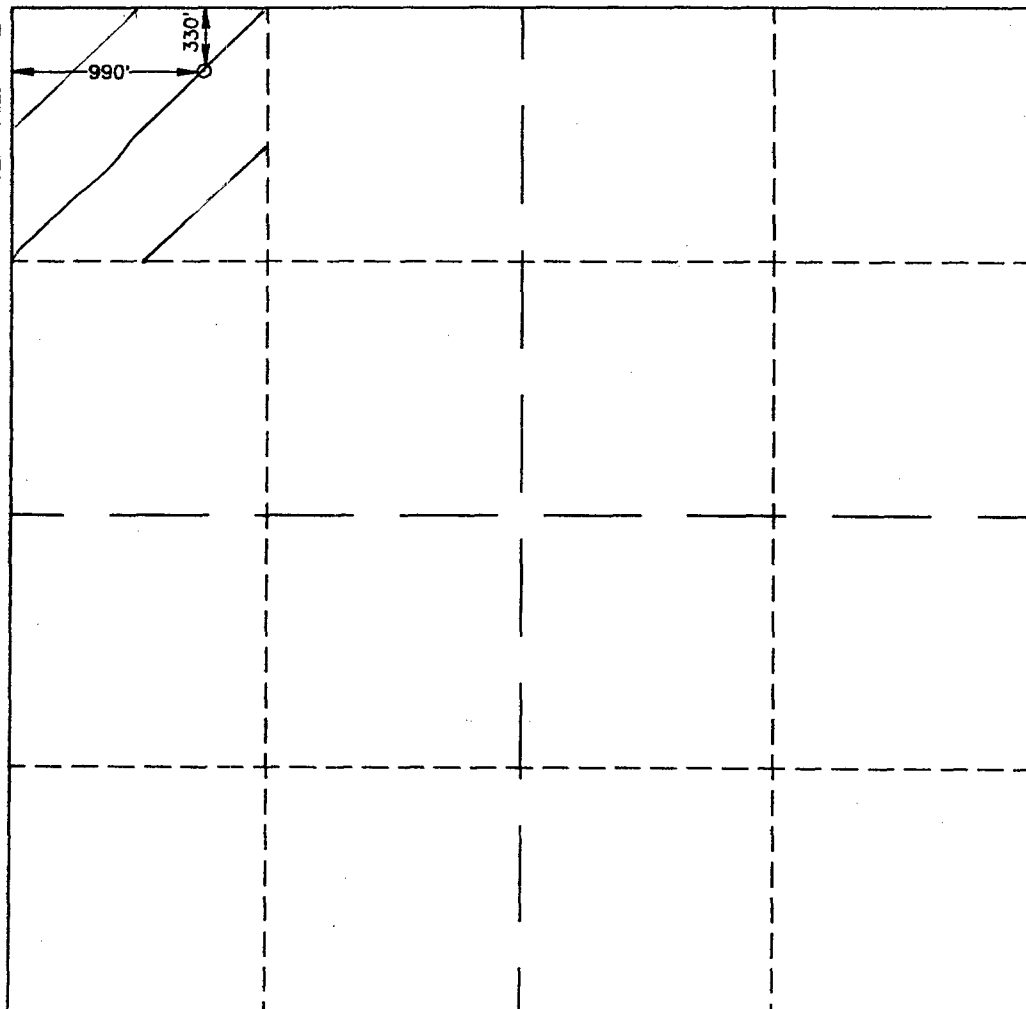
Surface Location

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

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., Artesia, NM 87410

DISTRICT IV
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30942	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 10
OGRID No. 13837	Operator Name MACK ENERGY CORPORATION	Elevation 3627

Surface Location

UL or lot No. D	Section 20	Township 17 S	Range 29 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 990	East/West line WEST	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>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></p> <p>Signature</p> <p>Crissa D. Carter</p> <p>Printed Name</p> <p>Production Analyst</p> <p>Title</p> <p>1/26/00</p> <p>Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 11, 2000</p> <p>Date Surveyed</p> <p>JLP</p> <p>Signature of Surveyor</p> <p>Professional Surveyor</p> <p>NEW MEXICO</p> <p>W.O. Num. 00-11-0026</p> <p>1-21-2000</p> <p>Certificate No. RONALD E. EIDSON, 3239</p> <p>GARY G. EIDSON, 12641</p> <p>WAGON McDONALD, 12185</p>

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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 30-015-31799	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 11
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3621'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	17-S	29-E		330	SOUTH	1650	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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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Jerry W. Sherrell Printed Name Production Clerk Title 5/23/2001 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. MAY 11, 2001 Date Surveyed AWB Signature Professional Surveyor NEW MEXICO 01-11-059 Certificate No. RONALD F. KIDSON 3239 GARY KIDSON 12641

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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 30-015-31799	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 11
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3621'

Surface Location

UL or lot No. N	Section 20	Township 17-S	Range 29-E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 1650	East/West line WEST	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
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MAY 11, 2001 Date Surveyed AWB
	 Signature of Professional Surveyor 5/21/01
	Certificate No. RONALD F. KIDSON 3239 GARY KIDSON 12641

DISTRICT I
Box 1980, Hobbs, NM 88241-1980

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

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

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OIL CONSERVATION DIVISION

P.O. Box 2088
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32159	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 12
OGRID No. 013837	Operator Name MACK ENERGY CORP.	Elevation 3617

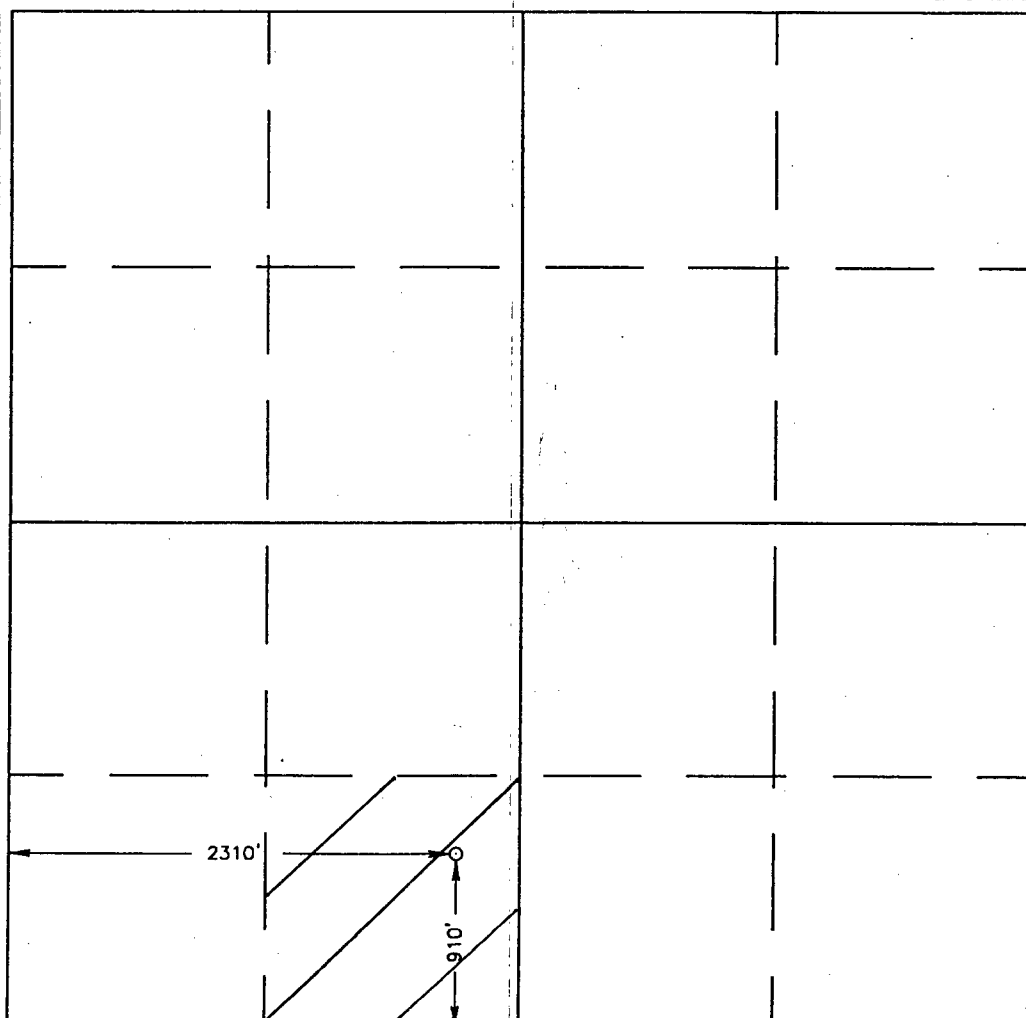
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	17 S	29 E		910	SOUTH	2310	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 Analyst Title</p> <p>1/9/2002 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 26, 2001</p> <p>Date Surveyed LMP</p> <p>Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> 01-11-1353 01/03/02</p> <p>Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641</p>

DISTRICT I
Box 1960, Hobbs, NM 88241-1960
DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
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OIL CONSERVATION DIVISION
P.O. Box 2088
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32159	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 12
OGRID No. 013837	Operator Name MACK ENERGY CORP.	Elevation 3617

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	17 S	29 E		910	SOUTH	2310	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
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	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Crissa D. Carter Printed Name Production Analyst Title 1/9/2002 Date
	SURVEYOR CERTIFICATION <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> DECEMBER 26, 2001 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. RONALD E. EIDSON 3239 GARY EIDSON 12841

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

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

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-33692	Pool Code 96610	Pool Name East Empire Yeso
Property Code 23810	Property Name MESQUITE STATE	Well Number 13
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3630'

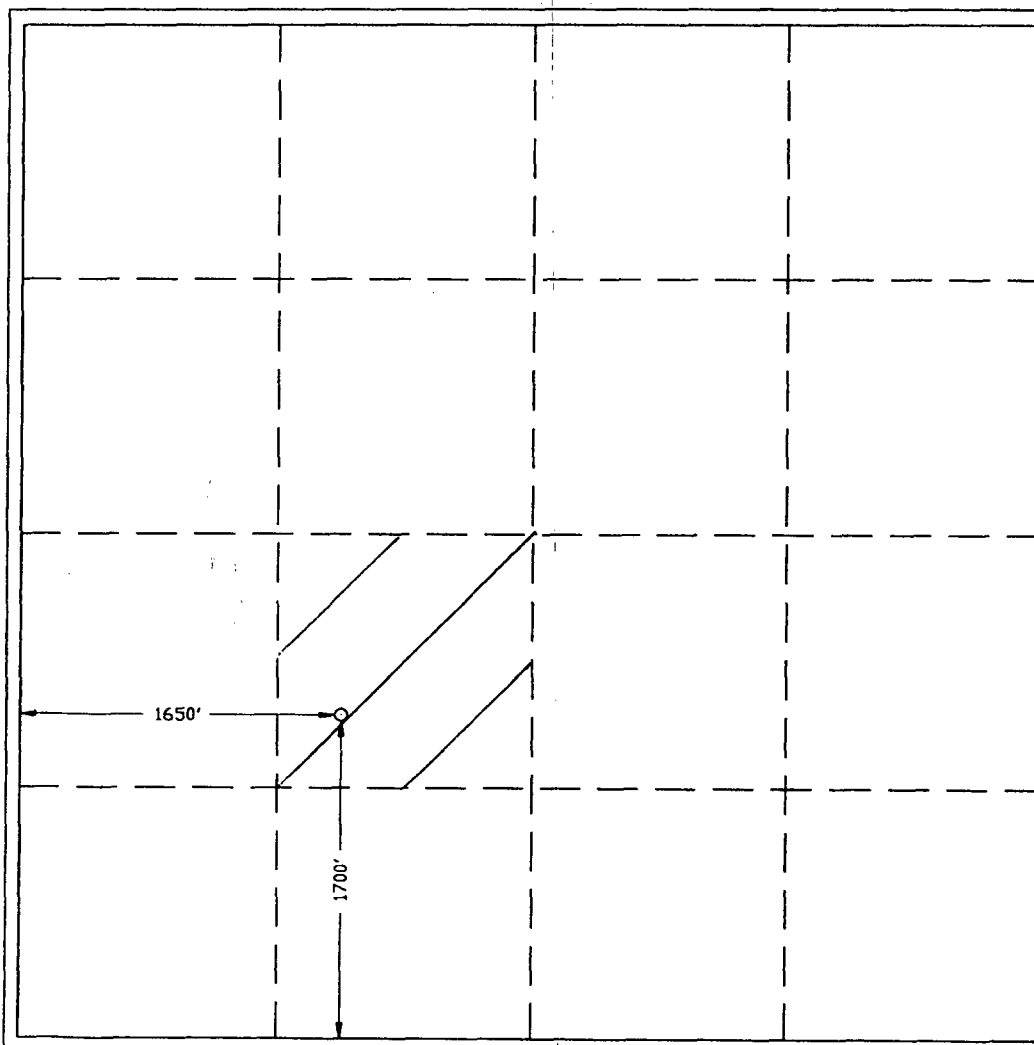
Surface Location

UL or lot No. K	Section 20	Township 17-S	Range 29-E	Lot Idn	Feet from the 1700'	North/South line SOUTH	Feet from the 1650'	East/West line WEST	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.						

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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.

Jerry W. Sherrell
Signature

Jerry W. Sherrell

Printed Name

Production Clerk

Title

8/10/2005

Date

SURVEYOR CERTIFICATION

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

June 20, 2003

Date Surveyed

A.W.B

Signature & Seal of
Professional Surveyor

Ronald J. Edson
NEW MEXICO
03.11.0641

Certificate No. RONALD J. EDSON
CARY EDSON

3239
12641

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

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

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-33692	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-G-SA
Property Code 23810	Property Name MESQUITE STATE	Well Number 13
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3630'

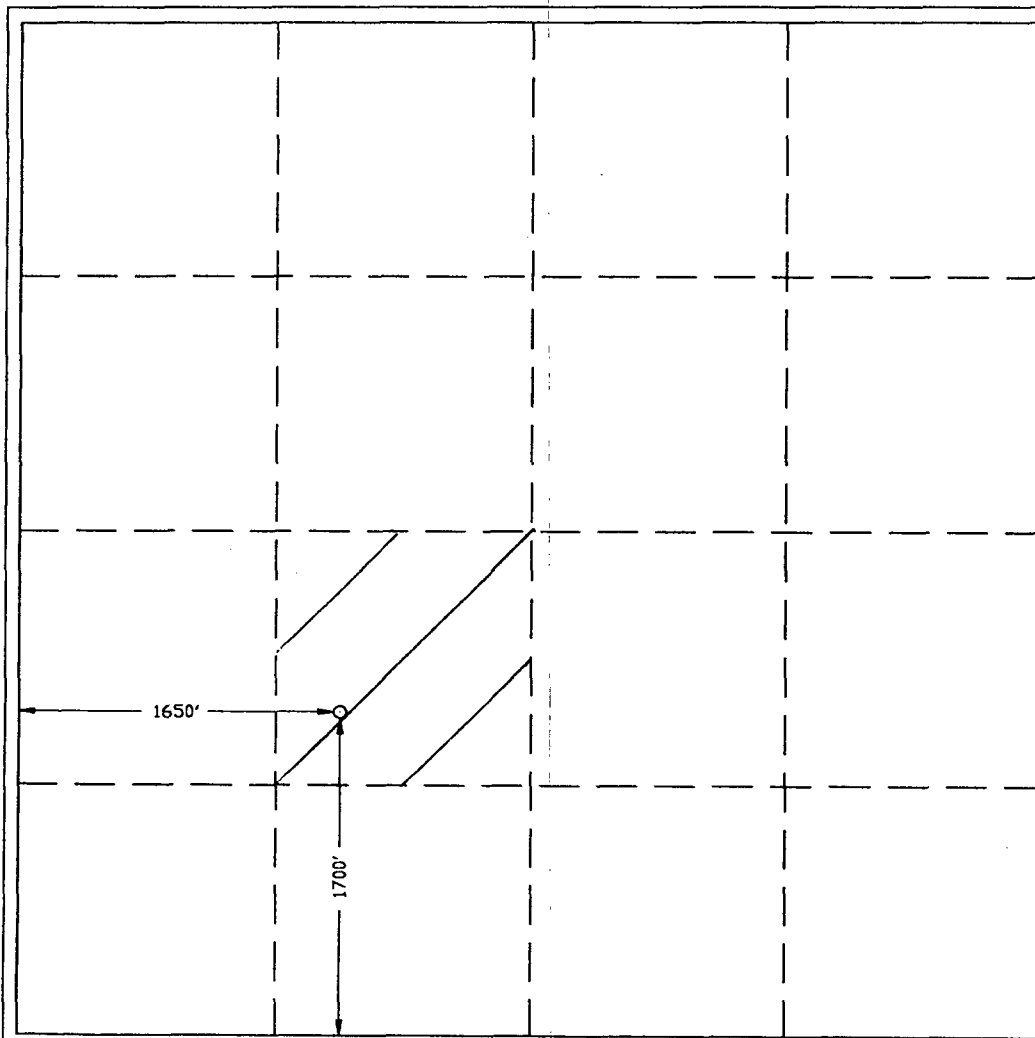
Surface Location

UL or lot No. K	Section 20	Township 17-S	Range 29-E	Lot Idn	Feet from the 1700'	North/South line SOUTH	Feet from the 1650'	East/West line WEST	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.						

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Jerry W. Sherrell
Signature

Jerry W. Sherrell

Printed Name

Production Clerk

Title

8/10/2005

Date

SURVEYOR CERTIFICATION

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

June 20, 2003

Date Surveyed A.W.B

Signature of
Professional Surveyor

Ronald J. Edson
NEW MEXICO

03.11.0641

Certificate No.

RONALD J. EDSON

CARY EDSON

PROFESSIONAL SURVEYOR

3239

12641