

1/13/06

pwt 0602033 886
DHC-368

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

Berry A Federal

15

F-21-17S-30E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 013837 Property Code 6051 API No. 30-015-33486 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		Loco Hills Paddock
Pool Code	28509		96718
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3492-4157'		4398-4826'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1
Producing, Shut-In or New Zone	New Zone		New Zone
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: 12/26/2005 Rates: 26/36/148	Date: Rates:	Date: 12/26/2005 Rates: 46/63/262
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 36 % 36 %	Oil Gas % %	Oil Gas 64 % 64 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☐ No ☐

NMOCD Reference Case No. applicable to this well:

Attachments:

- C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

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

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 1/11/2006

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

E-MAIL ADDRESS jerrys@mackenergycorp.com



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

January 11, 2006

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

Re: DHC-3584
Berry A Federal #15
Section 21, T17S, R30E
Eddy County, New Mexico

RECEIVED
JAN 13 2006
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Mack Energy Corporation as operator of the aforementioned well respectfully requests administrative approval for down hole commingling and measurement of production. At this time we would like to add the above mentioned well to this DHC order for this lease.

Mack Energy proposes to commingle Grayburg Jackson;SR-Q-G-SA(28509) and Loco Hills Paddock(96718) production in the above mentioned Berry A Federal well(Lease NMLC-054988A). Production of both pools will be measured at the Berry A Federal Tank Battery located in the NE/4 NW/4 Sec. 21 T17S R30E. 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.

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

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., Artec, NM 87410

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED
Form C-102
Revised February 16, 1994
Submitted to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505
MAIL ROOM REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33486	Pool Code 96718	Pool Name Loco Hills Paddock
Property Code 006051	Property Name BERRY A FED.	Well Number 15
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3650'

Surface Location

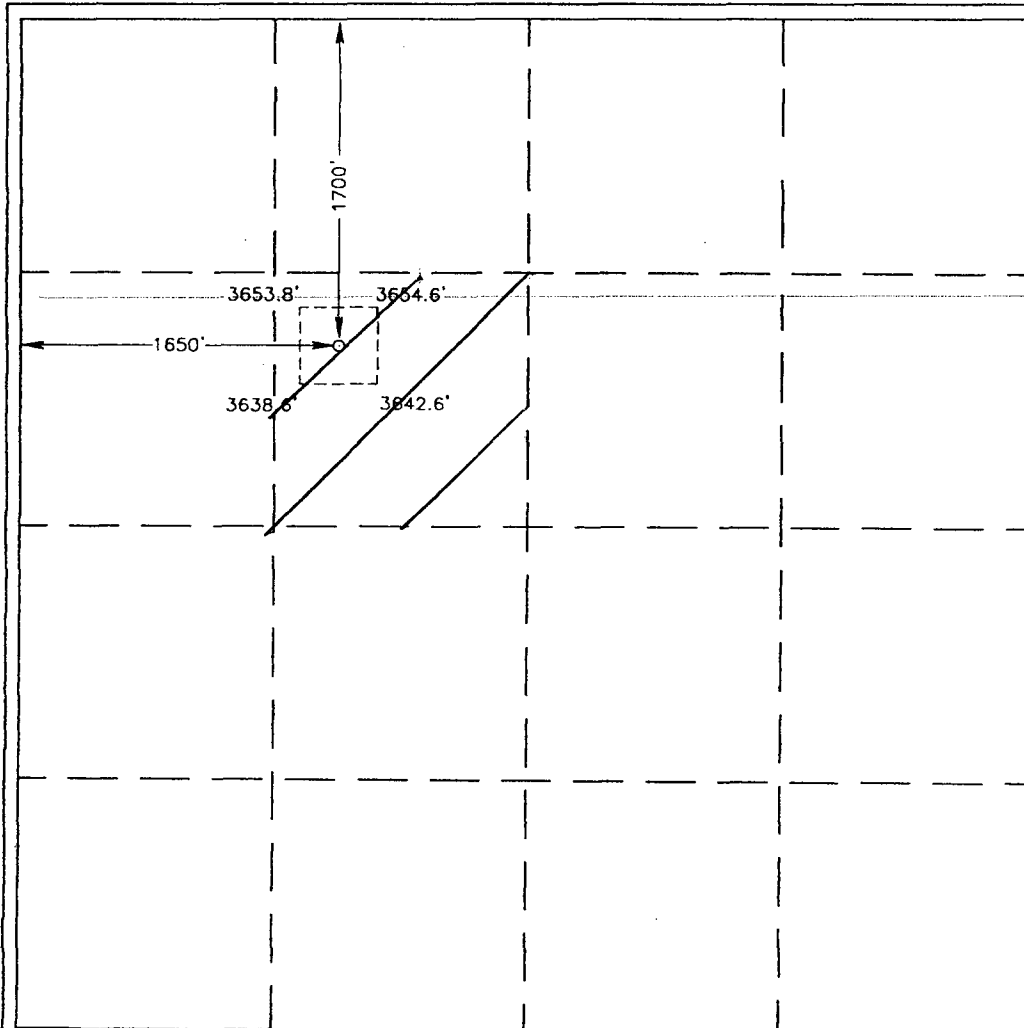
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	21	17-S	30-E		1700	NORTH	1650	WEST	EDDY

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



OPERATOR CERTIFICATION

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

Crissa D. Carter
Signature

Crissa D. Carter
Printed Name

Production Analyst
Title

10/4/2002
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.

SEPTEMBER 16, 2002

Date Surveyed LA

Signature Seal
Professional Surveyor

Ronald C. Edson
3239
02.11.0669C

Cert. No. RONALD C. 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., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-33486	Pool Code 28509	Pool Name Grayburg Jackson SR Q65A
Property Code 006051	Property Name BERRY A FED.	Well Number 15
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3650'

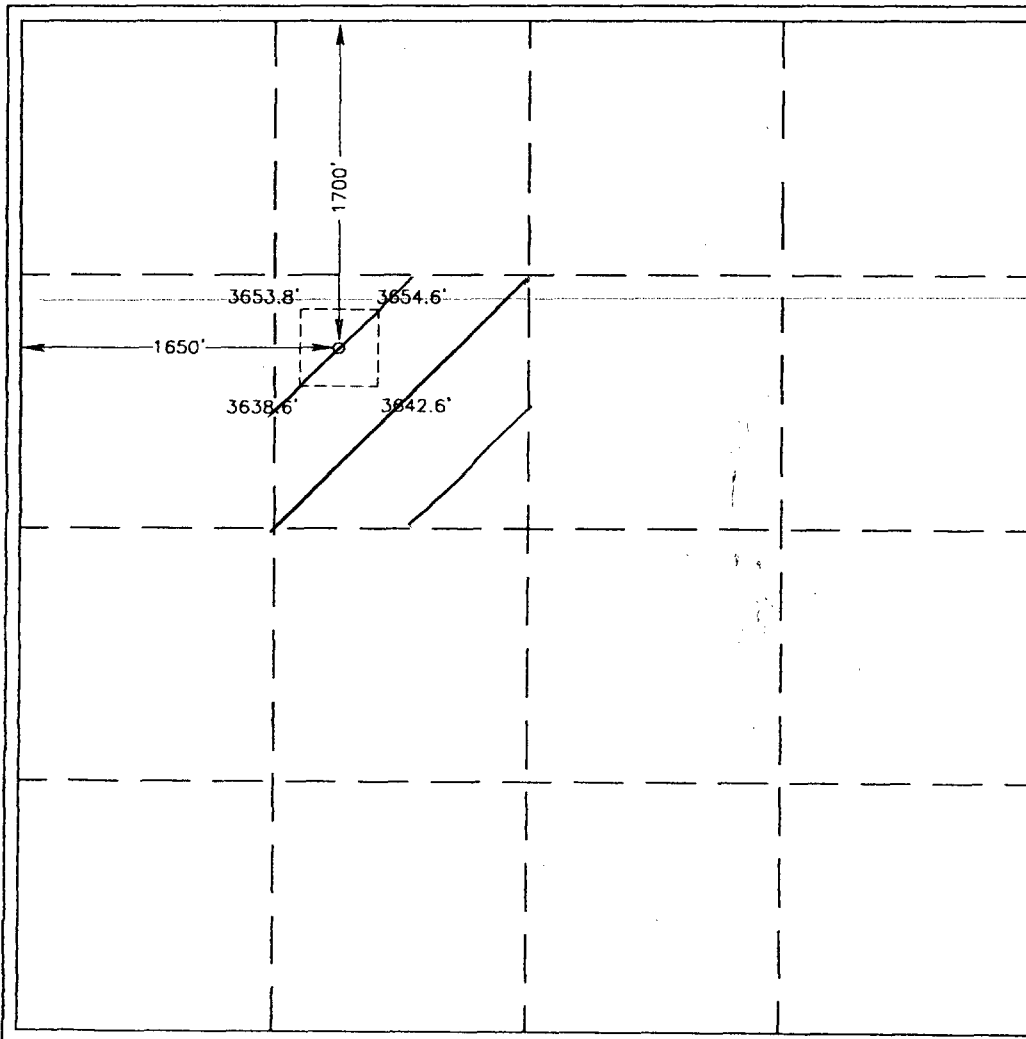
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	21	17-S	30-E		1700	NORTH	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

	<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>10/4/2002 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>SEPTEMBER 16, 2002 Date Surveyed</p> <p><i>Ronald D. Edson</i> Signature</p> <p>PROFESSIONAL SURVEYOR Title</p> <p>NEW MEXICO State</p> <p>3239 Certificate No.</p> <p>RONALD D. EDSON Name</p> <p>3239 Certificate No.</p> <p>12641 Registration No.</p>
--	---



U.S. POSTAGE

03037558

0524504.880 JAN 12 2006

8216 MAILED FROM ZIP CODE 88210

DATE	TIME	LOCATION	WIND DIRECTION	WIND SPEED	WAVE PERIOD	WAVE HEIGHT	WAVE LENGTH	WAVE PERIOD	WAVE HEIGHT	WAVE LENGTH
2004	2510	0004	3033	2031						
2004	2510	0004	3033	2031						

U.S. Postal Service
CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information, visit our website at www.usps.com®

OFFICIAL USE

Postage	\$ 0.63
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.88

**Postmark
Here**

Sent To

Street, Apt. No.,
or PO Box No.

City, State, ZIP+4

West Oil Producers Inc.
PO Box 1498
Roswell, NM 88202

PS Form 3800, June 2002

See Reverse for Instructions

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

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

West Oil Producers Inc.
PO Box 1498
Roswell, NM 88202

2. Article Number
(Transfer from service label)

PS Form 3811, February 2004

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Agent

☐ Addressee

B. Received by (*Printed Name*)

C: Date of Delivery	
---------------------	--

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

~~2~~ Certified Mail

☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

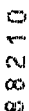
4. Restricted Delivery? (Extra Fee)

☐ Yes

7004 2510 0004 3033 2031

Domestic Return Receipt

102595-02-M-1540



102595-02-M-1540

☆ ☆ ☆ ☆ ☆ ☆
 1210 U.S. POSTAGE PB5537930
 0594 \$04.88 JAN 12 2008
 8215 MAILED FROM ZIP CODE 88210

7004 2510 0004 3033 2048
 7004 2510 0004 3033 2048

U.S. Postal Service
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$.63
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.88

Postmark Here

Sent To

Street, Apt. No., or PO Box No.

City, State, ZIP+4

Latigo Petroleum Inc.
550 W. Texas Suite 700
Midland, TX 79701

PS Form 3800, June 2002 See Reverse for Instructions

Latigo Petroleum Inc.
 550 W. Texas Suite 700
 Midland, TX 79701

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

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Latigo Petroleum Inc.
 550 W. Texas Suite 700
 Midland, TX 79701

2. Article Number
 (Transfer from service label)

7004 2510 0004 3033 2048

PS Form 3811, February 2004

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☐ Agent
 X ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

102595-02-M-1540