8/65

District I 1621 N. French Dr Hobbs, NM 88240 District 11 1301 W. Grand Av Artesia, NM 88210 District III ec, NM 874 1 0

District IV

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

3528 PWVJ0522229434 DHC-

State of New Mexico Energy, Minerals and Natural Resources Department

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

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

Form C-107A

Revised June 10, 2003

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation		P.O. Box 960, Artesia, NM 8821	1-0960
Operator	Ad	ldress	
McIntyre B	•	17S-30E	Eddy
Lease	Well No. Unit Letter	-Section-Township-Range	County
OGRID No. 013837 Property Co	de <u>18385</u> API No. <u>30-01</u>	Lease Type: X	FederalStateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		Loco Hills Paddock
PoolCode	28509		96718
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2890-4350'		4435-4722'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:	Date:	Date: 5/31/2005
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 7/43/9
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or	oil Gas	Oil Gas	oil Gas
explanation will be required.)	% %	5 % %	% %

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 <u>X</u> Yes	No No
Are all produced fluids from all commingled zones compatible with each other?	YesX	No
Will commingling decrease the value of production?	Yes	No <u>X</u>
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	No
NMOCD Reference Case No. applicable to this well:		

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.

Production curve for each zone for at least one year. (If not available, attach explanation.)

For zones with no production history, estimated production rates and supporting data.

Data to support allocation method or formula.

Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

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

List of other orders approving downhole commingling within the proposed Pre-Approved Pools	
List of all operators within the proposed Pre-Approved Pools	
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application	on.
Bottornhole pressure data.	
I hereby certify that the information above is true and complete to the best of my knowledge	and belief
SIGNATURE Creme W. Shenell TITLE Production Clerk	DATE 8/3/2005
ITTLEFToduction Clerk	DATE 8/3/2003

	/			
TVDE OD	DDINT	NIAME Ierry	W /	Shamall
	PKINI	NAME Jerry	¥¥ .	Shellen

0

E-MAIL ADDRESS jerrys@mackenergycorp.com

_TELEPHONE NO. (<u>505</u>) 748-1288



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

August 3, 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: McIntyre B #1,2,5,6,7,8,9 Section 20, T17S, R30E Eddy County, New Mexico

Mack Energy Corporation as operator of the aforementioned (7) 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 Loco Hills Paddock(96718) production in these McIntyre B wells(Lease NMLC-060999). Production of both pools will be measured at the McIntyre B Tank Battery located in the SE/4 SW/4 Sec. 20 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. 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

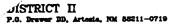
any W. Shered

Jerry W. Sherrell Production Clerk jerrys@mackenergycorp.com

JWS/

Enclosures

Т a. YOK 88941-1980



DISTRICT III 1000 Rio Brasos Ed., Astec, NM 87410 OIL CONSERVATION DIVISION

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

AMENDED REPORT

State Lease - 4 Copies Fee Lease - 3 Copies

Revised February 10, 1994 Submit to Appropriate District Office

Form C-102

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name			
30-015-31562	96718 Loco Hills Paddoo				
Property Code	Ргор	Well Number			
018385	MCINTYRE "B" 8				
OGRID No.	Oper	Elevation			
013837	MACK ENE	RGY CORPORATION	3623		

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn .	Feet from the	North/South line	Feet from the	East/West line	County
м	20	17 S	30 E		990	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	Joint o	r Infill	Consolidation (Code Or	der No.		<u> </u>	•	
40									

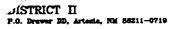
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		-	OPERATOR CERTIFICATION
			I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	· 		 Cusia D. Cant
			Crissa D. Carter Printed Name
			Production Analyst Title //20/00 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 supervison, and that the same is true and correct to the best of my bekef.
			NOVEMBER 15, 2000 Date Surveyed JLP
990' + 0 362#.3' - 362	6.4 [.]		 Signature & Seel of Professional Surveyor
0068	 		Certificate No. RONALD J ELBSON, 3239 GARY G ELDSON, 12641





/	Í		88241-1980	
ò,	Bobba,	ЮM	88241-1960	



DISTRICT III 1000 Rio Brance Ed., Antec, NM 87410

OIL CONSERVATION DIVISION

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

□ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Poal Code	Pool Na	me
30-015-31562	28509	Grayburg Jackson;	SR-Q-G-SA
Property Code	Proper	Well Number	
018385	McIN	8	
OGRID No.	Operat	or Name	Elevation
013837	MACK ENER	CORPORATION	3623

Surface Location

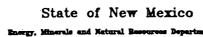
UL or lot No.	Section	Township	Range	Lot Idn .	Feet from the	North/South line	Feet from the	East/West line	County
м	20	17 S	30 E		990	SOUTH	990	WEST	EDDY

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 Joint or Infill Consolidation Code				Code Or	der 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
		1	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 True ///20/00 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 supervison, and that the same is true and correct to the best of my belief.
			NOVEMBER 15, 2000
<u>3923.8'</u> 990'	6.4 [.]		 Signature & Seel of Professional Surveyor
			W.O. Kum. 00-11=1439 Certificate No. RONALD J. EBSON, 3239 CARY G. EIDSON, 12641



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