SUSPĖNSE

ENGINEER MAS

DSCM0527726191

ABOVE THIS LINE FOR DIVISION USE ONLY

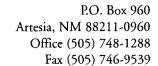
NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



			jerrys@mackenergycorp.co e-mail Address	<u>m</u>
Print o	or Type Name	Signatude	Title	Date
	W. Sherrell	Jeny W. She	Production Clerk	9/23/2005
	Note: S		lual with managerial and/or supervisory ca	pacity.
[4] appro applic	val is accurate ar	TION: I hereby certify that the informal complete to the best of my know quired information and notifications	mation submitted with this application ledge. I also understand that no action are submitted to the Division.	on for administrative on will be taken on this
[31	SUBMIT ACC OF APPLICA	CURATE AND COMPLETE INFO TION INDICATED ABOVE.	DRMATION REQUIRED TO PRO	OCESS THE TYPE
	[F]	Waivers are Attached		
	[E]	For all of the above, Proof of	Notification or Publication is Attache	ed, and/or,
	[D]	Notification and/or Concurrent U.S. Bureau of Land Management - Commission	t Approval by BLM or SLO ner of Public Lands, State Land Office	
	[C]	Application is One Which Red	quires Published Legal Notice	
	[B]	Offset Operators, Leaseholder	s or Surface Owner	
[21	NOTÍFICATI [A]	ON REQUIRED TO: - Check Tho Working, Royalty or Overridi	se Which Apply, or Does Not Appling Royalty Interest Owners	ly
	[D]	Other: Specify		
	[C]	Injection - Disposal - Pressure Incr WFX PMX SWD	•	
	Check [B]	One Only for [B] or [C] Commingling - Storage - Measurer DHC CTB PLC	nent OIL CON	SERVATION VISION
[1]	TYPE OF API [A]	PLICATION - Check Those Which Location - Spacing Unit - Simultar NSL NSP SD	neous Dedication	2005
		[SWD-Salt Water Disposal] [IF	Pl-Injection Pressure Increasel	1
Appir	[NSL-Non-Star [DHC-Dowl [PC-Po	idard Location] [\\SP-Non-Standard hhole Commingling] [CTB-Lease 0 ol Commingling] [OLS - Off-Lease	l Proration Unit] [SD-Simultaneous Commingling] [PLC-Pool/Lease Cor e Storage] [OLM-Off-Lease Measur (-Pressure Maintenance Expansion	mmingling] ement]
	cation Acronyms	WHICH REQUIRE PROCESSING AT	THE DIVISION LEVEL IN SANTA FE	LLO AND NEOCLATIONS
		1	CATIONS FOR EXCEPTIONS TO DIVISION RU	
	<i>F</i>	ADMINISTRATIVE APP	LICATION CHECKLIST	





September 22, 2005

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

Re:

Downhole Commingling, and measurement of

Hydrocarbon Production for:

Berry A Federal #1,3,7,8,9,10,11,12,13,14

Section 21, T17S, R30E Eddy County, New Mexico

Mack Energy Corporation as operator of the aforementioned (10) 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 the above mentioned Berry A Federal wells(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. 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

SIGNATURE PAGE

The undersigned approves of Mack Energy Corporation's request to Downhole Commingle the following pools. Grayburg Jackson; SR-Q-G 1 SA and the Loco Hills Paddock in the Berry A Federal wells #1,3,7,8,9,10,11,12,13,14 Sec 21 T17S R30E.

Berry A Federal Lease DHC Approval

CHASE OIL CORPORATION	
By: Koluf (. Caraca) Robert C. Chase, President	Date: 9-26-2005
ROBERT _A C. CHASE	
By: Robert C. Chase	Date: 9-24-2005
RICHARD L. CHASE	
By: Quantila By: Richard L. Chase	Date: 9-26-2005
GERENE DIANNE CHASE CROUCH	
Dealing in Her sole and separate property	
By Akaca A. Kessan Rebecca S. Ericson, Attorney-in-Fact	Date: 9/26/2005
ENCORE OPERATING, LP	
Ву:	Date:
REBECCA S. ERICSON	
Br. Febeur J. Leuin Rebecca S. Ericson	Date: 9/26/2005
JAMES D. BROWN Jr	
By: James D. Brown Jr	Date:

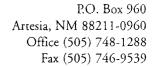
ATTN SERRY

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 Loco Hills Paddock in the Berry A Federal wells #1,3,7,8,9,10,11,12,13,14 Sec 21 T17S R30E.

Berry A Federal Lease DHC Approval

CHASE OIL CORPORATION	
By:	Date:
ROBERT C. CHASE	
By: Robert C. Chase	Date:
RICHARD L. CHASE	
By:Richard L. Chase	Date:
GERENE DIANNE CHASE CROUCH Dealing in her sole and separate property	
By:Rebecca S. Ericson, Attorney-in-Fact	Date:
ENCORE OPERATING, LP	
Ву:	Date:
REBECCA S. ERICSON	
By:Rebecca S. Ericson	Date:
JAMES D. BROWN Jr	
Ву:	Date: 5601 26, 2005





September 26, 2005

<u>CERTIFIED RETURN RECEIPT MAIL</u> 7004 2510 0004 3033 1898

Encore Operating, LP 777 Main Street Ste 1400 Fort Worth, TX 76102

To Whom It May Concern:

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to Downhole Commingle production from the Grayburg Jackson; SR-Q-G-SA and the Loco Hills Paddock pools, in the Berry A Federal wells 1,3,7,8,9,10,11,12,13,14. The production will be measured and allocated using increased production after completion.

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

eny W. Shenell

JWS/

Enclosures

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 Energy, Minerals & Natural Resources

Resources Revised March 17, 1999

DIVISION Submit to Appropriate District Office

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

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Form C-102

05	AMENDED REPORT
WELL LOCATION AND ACREAGE DEDICATION PLAT	+

'API Number 30-015-04252				'Pool Code 'Pool Name 96718 Loco Hills Paddock							
Property		1434		30710	Property N	lame	noco mini		/ell Number		
00605	51			Ве	erry A Fe	deral			1		
'OGRID	No.				Operator N	lame		* Elevation			
01383	37			Mack Energy Corporation 3663'							
					10 Surface 1	Location					
UL or lot no.	Section	Township	Range	Lot [dn	Feet from the	North/South line	Feet from the	East/West line	County		
Ċ	21	17S	30E		330	North	1650	West	Eddy		
			11 Bott	om Hole	Location If	Different Fror	n Suṛface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		

"Dedicated Acres 13 Joint or Infill "Consolidation Code 13 Order No.

	MOM-21 AIM	DAKO UNTI HAS BEI	ENATINOVED BI I	
16	1 2 /			17 OPERATOR CERTIFICATION
1650'		·		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
	X / ,			
				Cross. D. Carl
·				Signature Crissa D. Carter
				Printed Name Production Analyst
·				Tide 9/26/2002
				Date
		_		18 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 ProfessionalSurveyer.
			4	

1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210

State of New Mexico Energy, 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
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Fee Lease - 3 Copies

District III 1000 Rio Brazos I District IV	Rd., Aztec, N	IM 87410			2040 South Santa Fe. N				State	Lease - 4 Copies Lease - 3 Copies
2040 South Pache	co, Santa Fe		ELL LOC	CATION	I AND ACE	REAGE DEDIC	ATION PL	TA] AME	NDED REPORT
	API Numbe		1	Pool Code			Pool Na			· - · · · · · · · · · · · · · · · · · ·
30-	-015-04	4252		28509		Gray	burg Jack	son Sl	R-Q-G-	SA
* Property	Code	****			' Property	Name				ell Number
0060	51			ВВ	erry A Fe					1
OGRID	No.		-		Operator	Name			1	Elevation
0138	37			Mac	k Energy	Corporation	·		3	663'
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the		Feet from the	Eas	t/West line	County
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	<u> </u>	· 		om Hole		f Different Fron				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the		Feet from the	Eas	t/West line	County
	1						* * * * * * * * * * * * * * * * * * * *		1	
¹² Dedicated Acre	es l'3 Joint o	r Infill "C	Consolidation C	ode 13 Oro	der No.					
16 16.5						N ÜNTIL AL INT IN APPROVED BY	THE DIVISION OPER	ON ATOR that the info	CERTI	FICATION
							Printed Name		D. Car	ter Malyst
							Date	26/200		
							I hereby certify plotted from fie	that the well ld notes of a pervision, an y belief	location show chual surveys and that the sam	FICATION on this plat was made by me te is true and correct.

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

API Number

State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised March 17, 1999

OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe. NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Pool Name 96718 Loco Hills Paddock Well Number Property Name

30-015-04233 Property Code 006051 Berry A Federal OGRID No. **Operator Name** Elevation 013837 3649 **'** Mack Energy Corporation

¹⁰ Surface Location

Lot Idn Feet from the North/South line East/West line UL or lot no. Township Range Feet from the Section County Ε 21 17S 30E 1650 330 North West Eddy

11 Bottom Hole Location If Different Fro n Surface

	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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1			1									
12 Dedicated Acres	Joint or	Infill "C	onsolldation (Code 15 Orc	ler No.							
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40	1	1		1								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL AL INTERESTS HAVE BEEN CONSOLIDATED OR A

	NON-STAINL	DAKD UNIT HAS BEE	IN APPROVED BY II	UE DI VISION
16				17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and
				complete to the best of my knowledge and belief
		1		
6				
1650				Crosa Dal
330				Signature Crissa D. Carter
				Printed Name Production Analyst
	·			Title 8/21/2002
				Date
				¹⁸ 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 ProfessionalSurveyer.
	; !			
	ı		}	∦
		:		
				Certificate Number

District I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised March 17, 1999

District II 81

D

I1 South First, Artesia, NM 88210 <u>istrict III</u> 200 Rio Brazos Rd., Aztec, NM 87410 <u>Istrict IV</u>				OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505					Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies		
040 South Pachec	o, Santa Fe,			0.4010.	1 4 N ID 4 OD		NA MYONA DY] AME	NDED RE	PORT
			<u>NETT TO</u>			EAGE DEDIC					
	NPI Number 5-0423			Pool Code 2850		Grayb	Pool Name		Q-G-S/	A	
Property C	Code				Property !	Vame			, N	ell Number	
00605	51				Berry A	Federal				3	1
'OGRID N	io.				Operator i				•	Elevation	
01383	37			Ma	ck Energy	Corporatio	n		36	491	
						Location		* ,			٠, ٠
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Eas	/West line	·	County
E	21	17S	30E		1650	North	330	Wes	t	Eddy	
		L	¹¹ Bo	ttom Hol	e Location If	Different From	m Surface				
UL or lot no.	Section	Township		Lot Idn	Feet from the	North/South line	Feet from the	Eas	t/West line		County
Dedicated Acres	Joint o	r Infili	Consolidation	Code IS Or	der No.				<u></u>		
NO ALLOW	ABLE W	ILL BE .				I UNTIL AL INT N APPROVED B			CONSOL	LIDATED	OR A
16							17 OPER	ATOR	CERT	FICATI	ЮN
	}			}			I hereby certify				
							complete to the	best of my ki	owledge and	belief	
.	ĺ			1	Į.			,			,
20,	ł										

16. Signature Crissa D. Carter Printed Name Production Analyst Title 8/21/2002 18SURVEYOR 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 ProfessionalSurveyer.

CT I x 1,980, Hobbs, NM 88241-1980

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

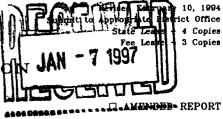
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088 State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISI

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



WELL LOCATION AND ACREAGE DEDICATION PLAT

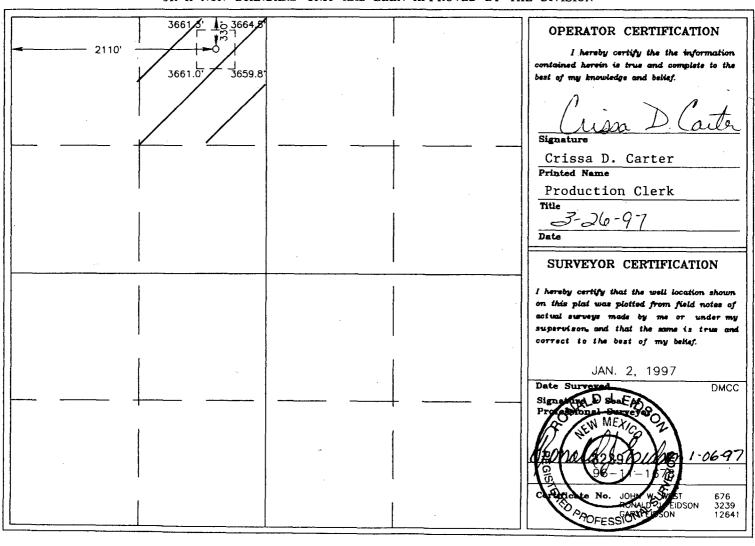
API Number	Pool Code	Pool Name	
30-015-29564	96718	Loco H:	ills Paddock
Property Code	Pi	Well Number	
006051	BE	7	
OGRID No.	Oı	perator Name	Elevation
013837	MACK ENERG	. 3660	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C.	21	17 S	30 E		330	NORTH	2110	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	or Infill Co	onsolidation	Code Or	der No.				



CT I ox 1780, Hobbs, NM 88241-1980

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

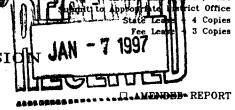
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico

OIL CONSERVATION DIVISI

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



WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool	Name
30-015-29564	28509	Grayburg Jackson 7RVS-	-QN-GB-SA
Property Code	P	roperty Name	Well Number
006051	, BE	RRY A Federal	7
OGRID No.	0	perator Name	Elevation
013837	MACK ENER	GY CORPORATION	3660

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	21	17 S	30 E		330	NORTH	2110	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.				

OR A NON-STANDARD UNIT HAS BEEN AP	PROVED BY THE DIVISION
2110' 3661.0' 3659.8'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Cusa D Carter Signature
	Crissa D. Carter
	Production Clerk
	7-26-97 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 some is true and correct to the best of my belief.
	JAN. 2, 1997
	Date Surveyed Signature D shaFAS Professional Saveyer WEXICA
	CAPTRICATE No. JOHN W. SWET 676 SMALL SON 12641

STRICT

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

DISTRICT II

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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P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

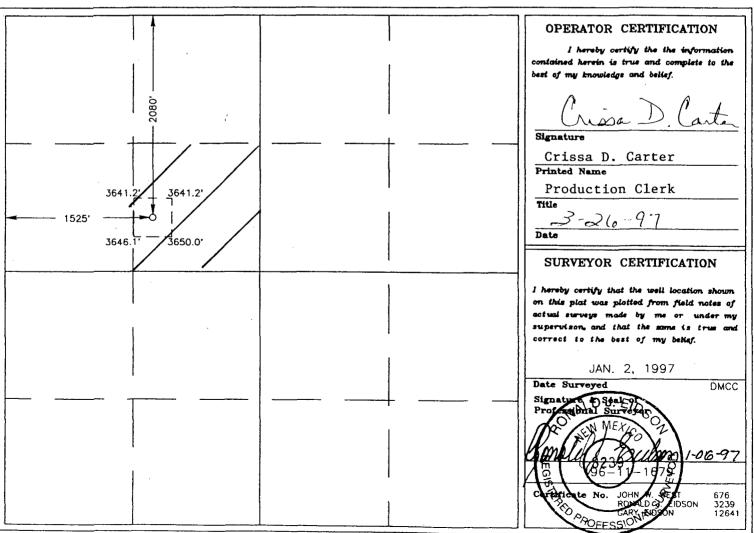
API Number 30-015-29565	Pool Code 96718	Pool Na Loco Hills Pa	
Property Code	Prop	erty Name	Well Number
006051 ogrid No.	Oper	RY A Federal	Elevation
013837	MACK ENERGY	CORPORATION	3645

Surface Location

1	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		2080	NORTH	1525	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townshi	ip 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.				



TRICT I

.0. Box 1960, Robbs, NM 88241-1980

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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

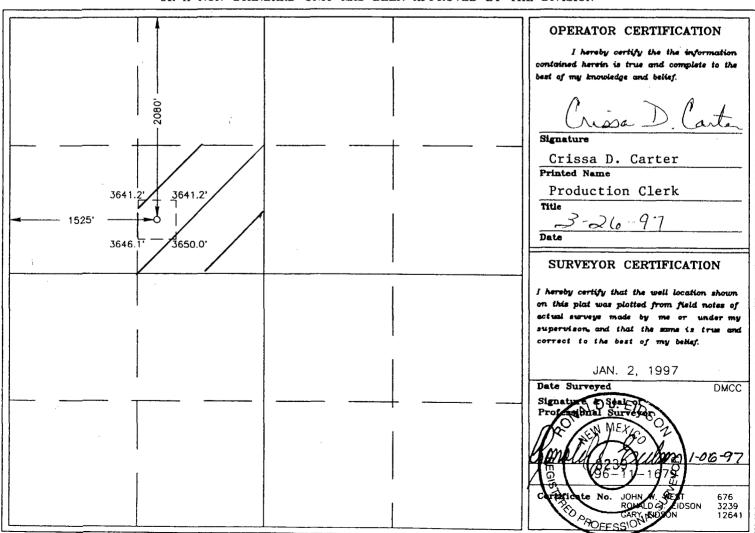
API Number	Pool Code	Pool Name	}
30-015-29565	28509	Grayburg Jackson 7RVS-QN-	GB-SA
Property Code	Pr	operty Name	Well Number
006051	BE	RRY A Federal	. 8
OGRID No.	Ор	erator Name	Elevation
013837	MACK ENERG	Y CORPORATION	3645

Surface Location

1	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		2080	NORTH	1525	WEST	EDDY	

Rottom Hole Location If Different From Surface

			Bottom	Hole Lo	cation if Diffe	erent from Sur	Tace		
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
			i		i				
<u></u> 1					ļ	1		1]
Dedicated Acres	Joint or	r Infill	Consolidation	Code Or	der No.				
40									



I RICT II PROPERT IN SERII-0719



Energy, Minerals and Natural Resources Department

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Revised February 10, 1994
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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

DISTRICT IV P.O. Box 2068, Santa Fe, NM 87504-2088

1000 Rio Brazos Rd., Astec, NM 87410

OTSTRICT III

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Na	Pool Name Loco Hills Paddock	
30-015-29566	96718	Loco Hills		
Property Code	Property	Name	Well Number	
006051	BERRY	9		
OGRID No.	Operator	Name	Elevation	
013837	MACK ENERGY	CORPORATION	3644	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Bast/West line	County
E	21	17 S	30 E		1775	NORTH	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 C	onsolidation (ode Or	der No.				
40							•		

	OR A NON-STANI	DARD 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 D. Carton
990' 3651. 3636.5' 3639.				Crissa D. Carter Printed Name Production Clerk Title 3-26-97
				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.
				MARCH 4, 1997 Date Survivor J. E/O Sign time to Survivor T Professional March 7
		- 		©W.D. Morn. 97-12-0427 Certifyer 10407 West, 676
				AOFESSION J. EIDSON, 3239 G. EIDSON, 12641

r DD, Artenia, NK 88211-0719

State of New Mexico

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STRICT III 1000 Rio Brazos Rd., Astec, 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, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code Po		ame
30-015-29566	28509	N-GB-SA	
Property Code		Well Number	
006051	• В	ERRY "A" Federal	9
OGRID No.	1	Operator Name	Elevation
013837	MACK EN	ERGY CORPORATION	3644

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 ·	21	17 S	30 E		1775	NORTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section To	ownship	Range L	ot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or I	Infill Consc	olidation Cod	e Ord	ler No.				

	DARD UNIT HAS BEEN APPROVED BY TE	
		OPERATOR CERTIFICATION
		I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
171		Signature D. Carta
3652.6' 3651.2'		Crissa D. Carter
990'		Production Clerk
3936.5' 3639.3'	 	3-26-97 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.
		MARCH 4, 1997 Date Surveyed J. E. J. JLP Sign time & Seel of So Propositional Survey of So
		Probable of Mary 2017
		Certain te No John West, 676 POFESSION J. EIDSON, 3239 G. EIDSON, 12641

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

State of New Mexico

Energy, Minerals and Natural Resources Department

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

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION P.O. Box 2088

DISTRICT III

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87604-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name		
30-015-30289	96718	Loco Hills Paddock		
Property Code	Proper	Well Number		
006051	BER	RY A Federal	10	
OGRID No.	Operat	or Name	Elevation	
013837	MACK ENERGY	CORPORATION	3646'	
	~ .	* 4.		

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Ε	21	17 S	30 E		2310	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
						i			
Dedicated Acre	Joint o	r Infill Co	noiidation	Code Or	ler No.				····
40									

\		
		OPERATOR CERTIFICATION
		I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
2310'		Signature Carta
		Printed Name
		Crissa D. Carter
3644.9' 3644.4'	<i>j</i>	Production Clerk Date 4/7/98
3642.5' 3642/3'	5 :	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 supervisors and that the same is true and correct to the best of my belief.
		MARCH 10, 1998 Date Surveyed CDG Signature A Start Of CDG
		DE STATE OF THE ST
		(April 3439) May 3-16-98
		Certificate. No. ROMADOS EDSON 3239 CARTOS ON 12641

DISTRICT III

State of New Mexico

Energy, Minerals and Natural Resources Department

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DISTRICT II P.O. Drawer BB. Artesia, NM 88211-0712

OIL CONSERVATION DIVISION

P.O. Box 2088

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

1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	me :		
30-015-30289	28509	R-Q-G-SA		
Property Code	Propert	Well Number		
006051	BERI	10		
OGRID No.	Operate	or Name	Elevation	
013837	MACK ENERGY	MACK ENERGY CORPORATION		

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Ε	21	17 S	30 E		2310	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

ſ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
					_					
Γ	Dedicated Acres	Joint of	r Infill Co	nolidation (ode Or	ier No.				
	40				}					

		OPERATOR CERTIFICATION
	'	I hereby certify the the information
		contained herein is true and complete to the
		best of my knowledge and belief.
2310'	· }	Simetros. Carta
53		Signature
		Printed Name
		Crissa D. Carter
3644.9' 3644.4'		1
330'		Production Clerk
		4/7/98
3642.5' 3642.3'		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 supervisor, and that the same is true and
		correct to the best of my belief.
		MARCH 10, 1998
		Date Surveyer CDG Signatura System CDG
		Professional Surveyor
		De was the Till
		Canal 3439 May 3-16-98
		(1) 1 - 0410TE
	1	1/3/2:
		Certificate No. RONALD C. EDSON 3239
		PROFESSION 12641

State of New Mexico

Energy, Minerals and Natural Resources Department

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

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

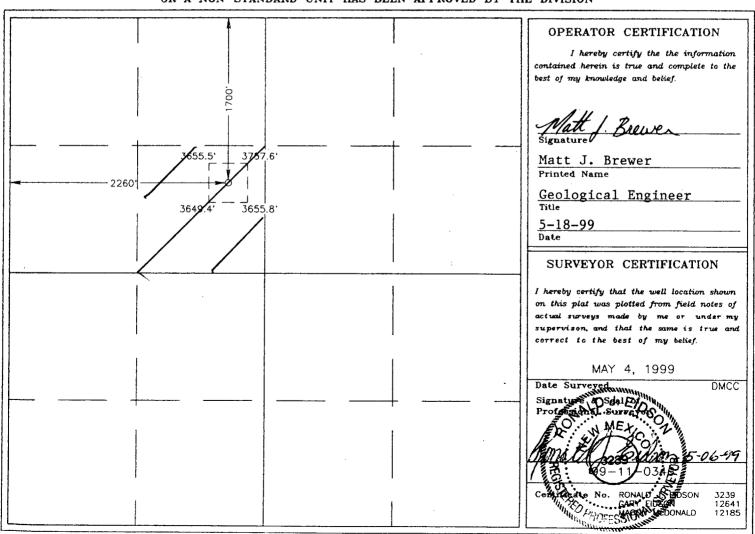
API Number	Pool Code	Pool Name		
30-015-30669	96718	Loco Hills Pa	ddock	
Property Code	Propert	Property Name		
006051	BERRY A	FEDERAL	11	
OGRID No.	Operato	r Name	Elevation	
013837	MACK ENERGY	CORPORATION	3652	

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	2260	WEST	EDDY

Bottom Hole Location If Different From Surface

			Doctoria	11010 200	savion ii biii	nome from but	1400		
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 Co	onsolidation (Code Or	der No.	İ			
40									



State of New Mexico

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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

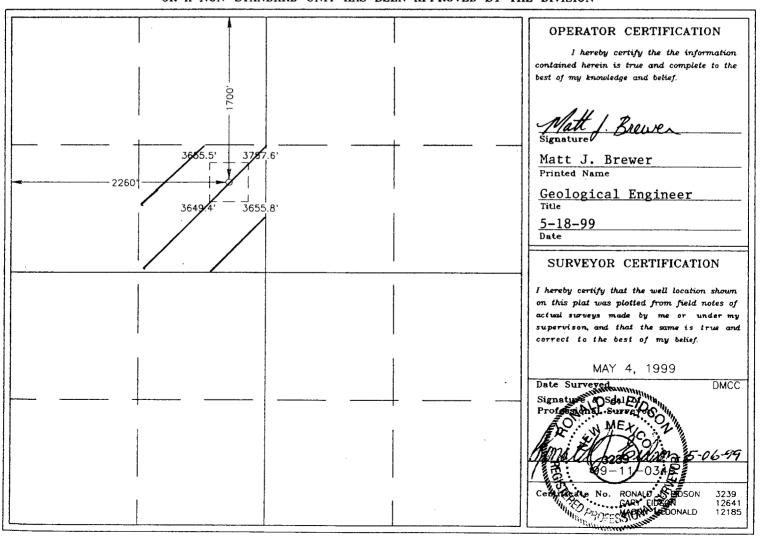
30-015-30669	Pool Code 28509	Pool Name Grayburg Jackson SR-Q-G-SA	
Property Code 006051	Proper BERRY A	•	Number
0GRID No. 013837	-	CORPORATION	Elevation 3652

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	2260	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 Co	nsolidation (Code Or	der No.		<u> </u>		
40									



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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	Pool Code	Pool Nam	ıe
30-015-30670	96718	addock	
Property Code	Prop	erty Name	Well Number
006051	BERRY	A FEDERAL	12
OGRID No.	Oper	ator Name	Elevation
013837	MACK ENERG	SY CORPORATION	3656
	Surfa	ce Location	

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	21	17 S	30 E		990	NORTH	1790	WEST	EDDY

Bottom Hole Location If Different From Surface

			Боссоли	11010 200	ducton in birt	Tone I tom Dai	1400		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint o	or Infill C	onsolidation	Code Or	der No.				
40									

UR A NON-SIAI	NDARD UNIT HAS BEEN APPROVED BY THE DIVISION
3651.7' 3656.6'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
3658.5' 3660.9'	Matt J. Brower Printed Name
	Geological Engineer Title 5-18-99 Date
	SURVEYOR CERTIFICATION I hereby vertify 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
	Date Sussella Company DMCC Signature & Sea Company Professional Surveyor Many
-	100 State 5-06-99
	Control to No. 2014 EIDSON 3239 OF OFESS MEDONALD 12185

State of New Mexico

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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

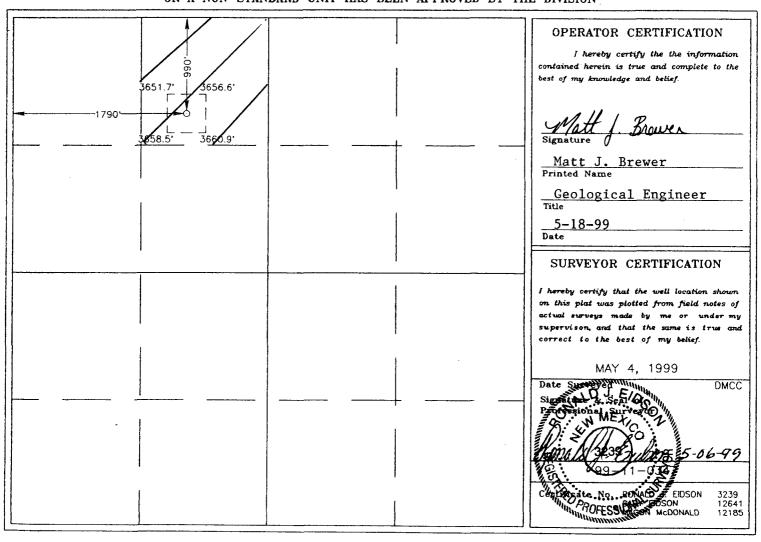
API Number	Pool Code	Pool Name		
30-015-30670	28509	Grayburg Jackson SR-Q-G-SA		
Property Code	Prope	Well Number		
006051	BERRY /	A FEDERAL	12	
OGRID No.	Opera	Elevation		
013837	MACK ENERG	Y CORPORATION	3656	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	21	17 S	30 E		990	NORTH	1790	WEST	EDDY

Bottom Hole Location If Different From Surface

				Doctom	11016	LUC	addir ii biiid	Tent Hom bui	Tace		
UL or lot No.	Section	Townsh	ip	Range	Lot Id	In I	Feet from the	North/South line	Feet from the	East/West line	County
										j	
		<u> </u>						1		<u> </u>	
Dedicated Acres	Joint o	r Infill	Con	nsolidation (Code	0rd	ler No.				
40											



ia. NW 88211-0719



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frict III O Rio Brazos Ed., Astec, NM 87410

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

P.O. BOX 2088, BANTA FE, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION PLAT	□ AMENDED REPORT
API Number	Pool Code	Pool Name	
30-015-31856	96718	Loco Hills Paddo	ock
Property Code		erty Name	Well Number
6051	BERRY	A FEDERAL	13
OGRID No.		ator Name	Klevation
013837	MACK ENERG	Y CORPORATION	3643'

Surface Location

l	Ε	21	17-S		2285	NORTH	990	WEST	EDDY
[UL or lot No.	Section	Township	 Hole Loc Lot Idn		rent From Sur North/South line		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

1				
		·		
	·	·		
	40.9' .			
990' 36436' 36	39.8'			l
7 1		· ·	 	
			<u> </u>	
				4
	!			
		·		L

OPERATOR CERTIFICATION

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

Crissa D. Carter

Printed Name

Production Analyst

Title

4/27/2001

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 supervison, and that the same is true and correct to the best of my belief.

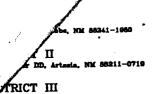
APRIL 17, 2001

AWB

Date Surveyed William To Ballon Seal 50 500 1000 Signature & Seal of

11/0467

Certificate No. RONALD J. EDSON GARY EIDSON 3239 12641





Energy, Minerals and Natural Resources Department

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P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DIS	STR	ICT	IV			
	DAT	2018	RANTA	FR.	M M.	87504-208

00 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name Grayburg Jackson SR-Q-G-SA		
30-015-31856	28509			
Property Code	Prop	Well Number		
6051	BERRY A	A FEDERAL	13	
OGRID No.		ator Name	Elevation	
013837	MACK ENERG	Y CORPORATION	3643'	

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	21	17-S	30-E	_	2285	NORTH	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 C	noitabiloan	Code Or	der No.		.		
40	1	·							

 		OPERATOR CERTIFICATION
il ! !	1	I hereby certify the the information
		contained herein is true and complete to the best of my knowledge and belief.
7 2285,		Assa D. Call
		Crissa D. Carter Printed Name
		Production Analyst
3627.8'3840.9'		4/27/2001 Date
990'		Date
3639.8'		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.
		APRIL 17, 2001
		Date Surveyed AWB Signature & Seal of Surveyor Charles
		Ameld Dilan-4/20/01
		Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641
		J





Energy, Minerals and Natural Resources Department



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DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV

DISTRICT III

P.O. BOX 2088, SANTA FR. N.M. 87504-2088

1000 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

Fee Lease - 3 Copies

API Number	Pool Code	Pool Name	
<i>3</i> 0- <i>015</i> -32279	96718	Loco Hills Paddock	
Property Code	Property	Well Number	
006051	BERRY A	FEDERAL	14
OGRID No.	Operato		Elevation
013837	MACK ENERGY	CORPORATION	3659'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	21	17~S	30-E		1100	NORTH	2230	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
			<u> </u>			<u> </u>			
Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.				
40									

3655.1' 3661.0' 3655.7' 3656.6'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the hest of my knowledge and beltef. Signature Crissa D. Carter Printed Name Production Analyst Title 3/1/2002 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 supervison, and that the same is true and correct to the best of my belief.
	FEBRUARY 19, 2002 Date Surveyed AWB Signature & Seal pri Professional Surveyor 02.11 0126 Certificate No. RONALD SEBSON 3239 CARY EDSON 12641





Energy, Minerals and Natural Resources Department

Ô

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DISTRICT III
1000 Rio Brazos Rd., Axtec, NW 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

D AMENDED REPORT

1 'm not cool mails 1 m 11 m o	** ****				
API Number			me		
30-015-322	79 28509	28509 Grayburg Jackson SR-			
Property Code		Property Name			
006051	BER	RY A FEDERAL	14		
OGRID No.		Operator Name	Elevation		
013837	MACK EN	ERGY CORPORATION	3659'		

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	21	17-S	30~E		1100	NORTH	2230	WEST	EDDY

Bottom Hole Location If Different From Surface

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

OK A NON-SIANDARD UNII HAS BEEN APPROVED BI	THE DIVISION
3655.7' 3656.6'	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 3/1/2002 Date
	SURVEYOR CERTIFICATION J 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. FEBRUARY 19, 2002 Date Surveyed AWB Signature & Sealph Professional Surveyor O2.110126 Certificate No. RONALP J SEBSON 3239 GARY EDSON 12641

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III HOOO Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 APPLICATION TYPE

X Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

Y Vot No X Yes ___No

Mack Energy Corporation	P	.O. Box 960, Artesia, NM 8821	1-0960				
Operator	Address						
Berry A Federal	1 C-21-17	Eddy					
Lease	Well No. Unit Letter-	-Section-Township-Range	County				
OGRID No. 013837 Property Co.	de <u>6051</u> API No. <u>30-01</u>	5-04252 Lease Type: X	FederalStateFee				
DATA ELEMENT	ÚPPER 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)	2784-4234'		4330-4692'				
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure	Artificial Lift		Artificial Lift				
(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, applicant shall be required to attach production	Date:	Date:	Date: 6/30/2005				
estimates and supporting data.)	Rates:	Rates:	Rates: 6/34/6				
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				
expandation will be required.)	ADDITIO	NAL DATA					
	ADDITIO	ONAL DATA	••				
Are all working, royalty and overriding If not, have all working, royalty and over the control of the control o			Yes X No No No No				
Are all produced fluids from all commi		other?	Yes X No				
Will commingling decrease the value o	•	al Control	Yes NoX				
If this well is on, or communitized with or the United States Bureau of Land M			Yes No				
NMOCD Reference Case No. applicab	le 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-APPR	OVED POOLS					
If application is	s to establish Pre-Approved Pools,	the following additional information w	rill be required:				
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools						
I hereby certify that the information	n above is true and complete to	the best of my knowledge and be	lief				
SIGNATURE Jerry W.	Shenold TITLE Pr	roduction Clerk	DATE 9/22/2005				
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505 _) 748-1288				

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

Mack Energy Corporation	P.	O. Box 960, Artesia, NM 8821	1-0960				
Operator		ress	T 11				
Berry A Federal	3 E-21-17 Well No. Unit Letter-5	Section-Township-Range	Edd: County				
Lease		•	•				
OGRID No. 013837 Property Co	de <u>6051</u> API No. <u>30-013</u>	5-04233 Lease Type: A	FederalState	;ree			
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER Z	ONE			
Pool Name	Grayburg Jackson SR Q G SA	Loco Hills Paddoc	k				
PoolCode	28509		96718				
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2826-4264'		4366-4811'				
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, applicant shall be required to attach production		Date:	Date: 6/30/2005				
estimates and supporting data.)	Rates:	Rates:	Rates: 15/82/15				
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil	Gas			
than current or put production, supporting data or explanation will be required.)	% %	% %	%	%			
	ADDITIO	NAL DATA		<u></u>			
Are all working, royalty and overriding	g royalty interests identical in all co		YesX	No			
If not, have all working, royalty and ov Are all produced fluids from all commi		•	Yes	No			
·		other:		No X			
Will commingling decrease the value of	•		Yes	_ No <u>A</u>			
If this well is on, or communitized with or the United States Bureau of Land M			Yes	No			
NMOCD Reference Case No. applicable	le 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-APPRO	OVED POOLS					
If application is	to establish Pre-Approved Pools, t	he following additional information w	vill be required:				
List of other orders approving downhold List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	le commingling within the proposed Pre-Approved Pools	d Pre-Approved Pools					
I hereby certify that the informatio	n above is true and complete to	the best of my knowledge and bel	lief				
SIGNATURE Jeny W.	! Shenold TITLE Pro	oduction Clerk	DATE 9/22/2005				
TYPE OR PRINT NAME Jerry W		TELEPHONE NO. (505) 748-1288				

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

State of New Mexico

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

Mack Energy Corporation		O. Box 960, Artesia, NM 88211	-0960				
Operator	Addi		7.11				
Berry A Federal	7 C-21-17	S-30E Section-Township-Range	Eddy County				
Lease			•				
OGRID No. 013837 Property Co	de <u>6051</u> API No. <u>30-015</u>	5-29564 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)	2800-4252'		4333-4709'				
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, applicant shall be required to attach production estimates and supporting data.)	Date:	Date:Rates:	Date: 6/30/2005 Rates: 9/48/8				
Pived Allegation Demonstra	oil Gas	Oil Con	0il Gas				
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	011 Gas %	Oil Gas	% % %				
<u> </u>	ADDITIO	NAL DATA					
Are all working, royalty and overriding If not, have all working, royalty and ov			Yes_X No Yes_ No				
Are all produced fluids from all commi	ingled zones compatible with each of	other?	YesX No				
Will commingling decrease the value of	of production?		Yes No_X				
If this well is on, or communitized with or the United States Bureau of Land M			Yes No				
NMOCD Reference Case No. applicab	le to this well:		<u> </u>				
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-APPRO	OVED POOLS					
If application is	to establish Pre-Approved Pools, the	he following additional information w	ill 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. Bottornhole pressure data.							
I hereby certify that the informatio		the best of my knowledge and bel	ief				
SIGNATURE Leny W.	Shenall TITLE Pro	oduction Clerk	DATE 9/22/2005				
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288				

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III Aztec, NM 874 1 0

District IV

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

 $E\text{-}MAIL\ ADDRESS \underline{jerrys@mackenergycorp.com}$

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

Iack Energy CorporationP.O. Box 960, Artesia, NM 88211-0960							
Operator	Address						
Berry A Federal	8 F-21-17		Eddy				
Lease	Well No. Unit Letter-	Section-Township-Range	County				
OGRID No. 013837 Property Co	de <u>6051</u> API No. <u>30-015</u>	5-29565 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)	2867-4325'		4417-4804'				
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, applicant shall be required to attach production estimates and supporting data.)	Date:	Date:	Date: 6/30/2005 Rates: 21/112/21				
Fixed Allegation Descentage	Oil Gas	Oil Gas	Oil Gas				
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	% %	% % %	% % %				
	ADDITIO	NAL DATA					
Are all working, royalty and overriding If not, have all working, royalty and ov			Yes <u>X</u> No Yes No				
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesX No				
Will commingling decrease the value of	of production?		YesNo_X				
If this well is on, or communitized with or the United States Bureau of Land M			Yes No				
NMOCD Reference Case No. applicab	le 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-APPRO	OVED POOLS					
If application is	s to establish Pre-Approved Pools, t	he following additional information w	ill 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. Bottornhole pressure data.							
I hereby certify that the information above is true and complete to the best of my knowledge and belief							
SIGNATURE Juny 4.	Shenol TITLE Pro	oduction Clerk	DATE 9/22/2005				
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288				

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

Mack Energy Corporation				, Artesia, NM 8821	1-0960			
Operator	Address			Eddy				
Berry A Federal Lease	9 E-21-17S-30E Well No. Unit Letter-Section-Township-Range				County		_	
OGRID No. 013837 Property Co	de <u>6051</u>			Lease Type: X	Federa	lState	F	ee
DATA ELEMENT	UPPER	ZONE	INTERN	MEDIATE ZONE	ı	LOWER ZO	NE	
Pool Name	Grayburg Jackso	n SR Q G SA			Loco H	ills Paddock		,
PoolCode	28509				96718			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3012-4292'				4388-48	340'		
Method of Production (Flowing or Artificial Lift)	Artificial Lift				Artificia	al 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				Produci	ng		
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:		Date:		Date:	5/30/2005		•
estimates and supporting data.)	Rates:		Rates:		Rates: 13/68/13			
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or	oil %	Gas	Oil	Gas %	oil	G %	as	%
explanation will be required.)	70			76 70	1			
		<u>ADDITIO</u>	NAL DATA	<u>.</u>		••		
Are all working, royalty and overriding If not, have all working, royalty and over						Yes X Yes	No No	
Are all produced fluids from all commi	ngled zones compa	atible 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. applicab	le to this well:	- n						
Attachments: C- 1 02 for each zone to be commin Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt Any additional statements, data or	at least one year. (ry, estimated produ or formula. y and overriding ro	(If not available, uction rates and so	attach explan supporting dat or uncommon	ation.) a.				
		PRE-APPRO	OVED POO	<u>LS</u>				
If application is	to establish Pre-A	pproved Pools, t	he following a	additional information w	ill be requ	ired:		
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	d Pre-Approved Po	ools						
I hereby certify that the informatio	n above is true an	nd complete to	the best of n	ny knowledge and be	lief			
SIGNATURE Jeny W.	Thenall	TITLEPr	oduction Cl	erk	_DATE	9/22/2005		
TYPE OR PRINT NAME Jerry W	. Sherrell		т	ELEPHONE NO. (_	505)	748-1288		

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
I000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

 $E\text{-}MAIL\ ADDRESS \underline{jerrys@mackenergycorp.com}$

Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

APPLICATION TYPE X Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE X Yes ___No

Mack Energy Corporation		P.O. Box 960, Artesia, NM 8821	1-0960		
Operator	A	ddress			
Berry A Federal	10 E-21-1	Eddy County			
Lease		r-Section-Township-Range	•		
OGRID No. 013837 Property Co	de 6051 API No. 30-0	15-30289 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)	2855-4304'	4400-4826'			
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom	Artificial Lift				
(Note: Pressure data will not be required inthe 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, applicant shall be required to attach production	Date:	Date:	Date: 6/30/2005		
estimates and supporting data.)	Rates:	Rates:	Rates: 8/43/8		
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	0il Gas		
than current or put production, supporting data or explanation will be required.)	% %	% %	% %		
	ADDITE	ONAL DATA			
	ADDITIO	ONAL DATA	V		
Are all working, royalty and overriding If not, have all working, royalty and over the control of the control o			Yes No No No No No No No No No No No No No		
Are all produced fluids from all comm	YesXNo				
Will commingling decrease the value of	of production?		Yes No_X		
If this well is on, or communitized with or the United States Bureau of Land M	Yes No				
NMOCD Reference Case No. applicab	le to this well:				
Attachments: C- 1 02 for each zone to be commir Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt Any additional statements, data or	r at least one year. (If not available ory, estimated production rates and or formula. y and overriding royalty interests	de, attach explanation.) d supporting data. for uncommon interest cases.			
	PRE-APPI	ROVED POOLS			
If application is	s to establish Pre-Approved Pools	, the following additional information w	vill be required:		
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools	•			
I hereby certify that the informatio	on above is true and complete	to the best of my knowledge and be	lief		
SIGNATURE Comp W.	Shenall TITLE	Production Clerk	DATE 9/22/2005		
TYPE OR PRINT NAME Jerry W		TELEPHONE NO. (505) 748-1288		

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation), Artesia, NM 8821	1-0960		
Operator			ress				
Berry A Federal					Eddy		
Lease						County	
OGRID No. 013837 Property Co	de <u>6051</u>	API No. 30-015	5-30669	Lease Type: X	Federal _	State _	Fee
DATA ELEMENT	UPP	ER ZONE	INTER	MEDIATE ZONE	LO	WER ZO	NE
Pool Name	Grayburg Jac	ekson SR Q G SA			Loco Hills	Paddock	
PoolCode	28509				96718		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2859-4308'				4397-4859'		
Method of Production (Flowing or Artificial Lift)	Artificial Li	ift			Artificial I	Lift	
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1				38.1		
Producing, Shut-In or New Zone	New Zone				Producing		
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:		Date:		Date: <u>6/3</u>	0/2005	
estimates and supporting data.)	Rates:		Rates:		Rates: 19.		
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil	Gas	Oil	Gas	oil	Ga	is
than current or put production, supporting data or explanation will be required.)		% %		% %		%	%
		ADDITIO	NAL DATA	<u> </u>	-		
Are all working, royalty and overriding If not, have all working, royalty and over		sts identical in all co	mmingled zo	nes?	Y	esX es	No
Are all produced fluids from all comm	ingled zones co	ompatible with each	other?		Y	es <u>X</u>	No
Will commingling decrease the value of	of production?				Y	'es	NoX
If this well is on, or communitized with or the United States Bureau of Land M					Y	res	N o
NMOCD Reference Case No. applicab	le to this well:						
Attachments: C- 1 02 for each zone to be comming Production curve for each zone for For zones with no production histor Data to support allocation method Notification list of working, royalt Any additional statements, data or	r at least one year, estimated por formula. Ty and overriding	ear. (If not available, production rates and a	attach explai supporting da	nation.) ta.			
		PRE-APPRO	OVED POO	<u>OLS</u>			
If application is	s to establish P	re-Approved Pools, t	he following	additional information w	ill be required	i:	
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approve	ed Pools					
I hereby certify that the informatio	n above is tru	ue and complete to	the best of	my knowledge and bel	ief		-
SIGNATURE Jeny W	Sherre	ℓ TITLEPr	oduction C	lerk	_DATE <u>9/2</u>	2/2005	
TYPE OR PRINT NAME Jerry W	. Sherrell		7	ΓELEPHONE NO. (505) 74	8-1288	

TELEPHONE NO. (505) 748-1288

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

Mack Energy Corporation	P.	O. Box 960, Artesia, NM 8821	1-0960				
Operator	Add	•					
Berry A Federal	12 C-21-17	Eddy					
Lease		Section-Township-Range	County				
OGRID No. 013837 Property Co	de 6051 API No. 30-015	5-30670 Lease Type: X	FederalFee				
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)	2830-4265'		4346-4755'				
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift				
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1				
Producing, Shut-In or New Zone	New Zone		Producing				
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date: 6/30/2005				
estimates and supporting data.)	Rates:	Rates:	Rates: 18/95/17				
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or	oil Gas	Oil Gas	0il Gas				
explanation will be required.)							
	<u>ADDITIO</u>	NAL DATA					
Are all working, royalty and overriding If not, have all working, royalty and over		9	Yes X No No No No				
Are all produced fluids from all commingled zones compatible with each other? Yes X N							
Will commingling decrease the value of	of production?		YesNoX				
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							
NMOCD Reference Case No. applicab	le 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-APPRO	OVED POOLS					
If application is	to establish Pre-Approved Pools, t	he following additional information w	'ill be required:				
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools	• •					
I hereby certify that the informatio	n above is true and complete to	the best of my knowledge and bel	lief				
	$I \subset I \subset M$	oduction Clerk	DATE 9/22/2005				
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (_	505) 748-1288				

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
I000 Rio Brazos Road, Aztec, NM 874 1 0

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

Mack Energy Corporation		O. Box 960, Artesia, NM 8821	1-0960				
Operator		dress	T.11				
Berry A Federal	13 E-21-17S-30E Eddy Well No. Unit Letter-Section-Township-Range County						
OGRID No. 013837 Property Co		5-31856 Lease Type: X	•				
OOKID No. 013037 Property Co	de <u>0031</u> Al 1140. <u>30 01</u>	T Ecuse Type.					
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)	2865-4326' 4411-5152'						
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% of the	Artificial Lift	Artificial Lift					
depth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1				
Producing, Shut-In or New Zone	New Zone		Producing				
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date: 6/30/2005				
estimates and supporting data.)	Rates:	Rates:	Rates: 9/48/8				
Fixed Allocation Percentage	oil Gas	Oil Gas	0il Gas				
(Note: If allocation is based upon something other than current or put production, supporting data or	% %	% %	% %				
explanation will be required.)							
	<u>ADDITIO</u>	ONAL DATA					
Are all working, royalty and overriding If not, have all working, royalty and over			Yes X No No No No No No No No No No No No No				
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesX No				
Will commingling decrease the value of production?							
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							
NMOCD Reference Case No. applicab	le to this well:	<u> </u>					
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-APPR	OVED POOLS					
If application is	s to establish Pre-Approved Pools,	the following additional information w	rill be required:				
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools						
I hereby certify that the informatio	on above is true and complete to	o the best of my knowledge and be	lief				
SIGNATURE Deny W.	1 /1 10	roduction Clerk	DATE 9/22/2005				
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288				

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 874 1 0

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

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

Mack Energy Corporation		P.	O. Box 960,	Artesia, NM 88211	1-0960			
Operator		Add	ress					
Berry A Federal	14 C-21-17S-30E				Eddy			
Lease	Well No.	Unit Letter-	Section-Townsh	ip-Range		County		
OGRID No. 013837 Property Co	de <u>6051</u>	API No. 30-01:	5-32279	Lease Type: X	Federal	_State _	Fee	
DATA ELEMENT	UPPER ZONE INTERMEDIATE ZONE			LOWER ZONE				
Pool Name	Grayburg Ja	Grayburg Jackson SR Q G SA				Loco Hills Paddock		
PoolCode	28509				96718			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2840-4382'				4364-4810'			
Method of Production (Flowing or Artificial Lift)	Artificial L	ift	_		Artificial Li	ft		
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, applicant shall be required to attach production	Date:		Date:		Date: <u>6/30/</u>			
estimates and supporting data.)	Rates:		Rates:		Rates: 17/9			
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 %	%	
		ADDITIO	NAL DATA					
Are all working, royalty and overriding If not, have all working, royalty and ov					Yes Yes	X	No No	
Are all produced fluids from all commi	ingled zones c	ompatible with each	other?		Yes	<u>X</u>	No	
Will commingling decrease the value of	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? YesNo						No		
NMOCD Reference Case No. applicab	le to this well:							
Attachments: C- 1 02 for each zone to be commin Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalty Any additional statements, data or	at least one y ry, estimated p or formula. y and overriding	ear. (If not available production rates and ng royalty interests for	attach explana supporting data or uncommon	ation.) a.				
		PRE-APPRO	OVED POO	<u>LS</u>				
If application is	to establish P	Pre-Approved Pools,	he following a	dditional information w	ill be required:			
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	d Pre-Approv	ed Pools						
I hereby certify that the informatio	n above is tr	ue and complete to	the best of n	ny knowledge and bel	ief			
SIGNATURE June W.	Sherre	M_TITLEPr	oduction Cle	erk	_DATE 9/22/	2005		
TYPE OR PRINT NAME Jerry W	. Sherrell		T	ELEPHONE NO. (505) 748-	-1288		