10-1	FIS
DATE IN	, 0

SUSPENSE

ENGINEER DY

LOGGED IN 10 -17-07

1-05 TYPE DHC

PSEMOS 2805253

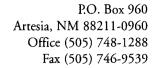
ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



		ADMINISTRATIVE APPLI	CATION CHECKLIST	
TI	HIS CHECKLIST IS	MANDATORY FOR ALL ADMINISTRATIVE APPLICAT WHICH REQUIRE PROCESSING AT THI		AND REGULATIONS
Appli	cation Acronyr			
	(NSL-Non-St (DHC-Do (PC-l	andard Location] [NSP-Non-Standard Prownhole Commingling] [CTB-Lease Com Pool Commingling] [OLS - Off-Lease Standard [PMX-Prown] [PMX-Prown [SWD-Salt Water Disposal] [IPI-Install]	nmingling] [PLC-Pool/Lease Comm corage] [OLM-Off-Lease Measuremo essure Maintenance Expansion] njection Pressure Increase]	ingling] ent]
[1]	TYPE OF A [A]	PPLICATION - Check Those Which Ap Location - Spacing Unit - Simultaneou NSL NSP SD		~
	Char	ck One Only for [B] or [C]		2005
	[B]	Commingling - Storage - Measuremer DHC CTB PLC	nt PC OLS OLM	130
	[C]	Injection - Disposal - Pressure Increas WFX PMX SWD	 •	7 PM
	[D]	Other: Specify		F-4
[21	NOTIFICA	TION DECLUDED TO: Chook Those V	Which Apply on Dogs Not Apply	မ္
[21	[A]	TION REQUIRED TO: - Check Those Y Working, Royalty or Overriding		
	[B]	Offset Operators, Leaseholders o	r Surface Owner	
	[C]	Application is One Which Require	res Published Legal Notice	
	[D]	Notification and/or Concurrent A U.S. Bureau of Land Management - Commissioner of	pproval by BLM or SLO f Public Lands, State Land Office	
	[E]	For all of the above, Proof of Not	tification or Publication is Attached, a	and/or,
	[F]	Waivers are Attached		
[31		CCURATE AND COMPLETE INFOR CATION INDICATED ABOVE.	MATION REQUIRED TO PROCE	SS THE TYPE
[41 appro appli	oval is <mark>accurat</mark> e	ATION: I hereby certify that the informate and complete to the best of my knowled required information and notifications are	ge. I also understand that no action v	or administrative vill be taken on this
	Note	e: Statement must be completed by an individual	with managerial and/or supervisory capac	ity.
Io	W Charrall	() 1.1 da 1	Production CV 1	10/0/2005
	W. Sherrell or Type Name	Jerry W. Shenol	Production Clerk Title	10/3/2005 Date
		·	jerrys@mackenergycorp.com e-mail Address	





October 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: WD McIntyre E #3,4,5,6,7,8,9,10 Section 20, T17S, R30E Eddy County, New Mexico

Mack Energy Corporation as operator of the aforementioned (8) 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 WD McIntyre E wells(Lease NMNM-0467932). Production of both pools will be measured at the WD McIntyre E 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

Jerry W. Sherrell Production Clerk

jerrys@mackenergycorp.com

JWS/

Enclosures

RICT I Box 1980, Robbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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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				
	30-015-29425	28509	Grayburg Jackson 7RVS-QN-GB-	SA			
	Property Code	Prope	rty Name	Well Number			
. [006145	W D McINTY	W D McINTYRE E				
ſ	OGRID No.	Opera-	tor Name	Elevation			
	013837	MACK ENERGY	CORPORATION	3630			

Surface Location

ĺ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	K	20	17 S	30 E		2135	SOUTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or	Infill Con	nsolidation (Code Ord	der No.			1.	
40							:		

	OK A NON-STANDARD	UNIT HAS BEEN APPROV	ED 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 School Carter
			Crissa D. Carter Printed Name Production Clerk Title
			Date SURVEYOR CERTIFICATION I hereby certify that the well location shown
2310'	3634.6' 3631.0'		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.
	35.		DEC. 30, 1996 Date Surgidje DMCC Sign table & Seal Doo Profesional Many sor
	213		Central No. John Weyest 676 RONAN EIDSON 3239 12641
			OFESSION 12641

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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 Name			
30-015-29425	96718	Loco Hills Paddock			
Property Code	Prop	erty Name	Well Number		
006145	W D McINT	NTYRE E			
OGRID No.	. Oper	ator Name	Elevation		
013837	MACK ENERGY	CORPORATION	3630		

Surface Location

UL or lot N	. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	17 S	30 E		2135	SOUTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Ore	ler No.				
40							r _e		

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY	THE DIVISION
	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Signature Crissa D. Carter
	Printed Name Production Clerk Title
3634.6' 3631.0'	SURVEYOR CERTIFICATION I hereby certify that the well location shown
3632.6' 3635.4'	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.
2135'	DEC. 30, 1996 Date Surged J. Flor Sign that 2 Seal box Procession May represent
	Centrate No. John Wayest 676 RONAN EIDSON 3239 12641

Jobbs. NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department.

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ISTRICT III 1000 Rio Brasos Rd., Astec, NM 87410

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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	Pool Code	Pool N	ame
30-015-29561	96718	Loco Hills	Paddock
Property Code	Property	Name	Well Number
006145	W D McINTYRE	E "E"	3 4
OGRID No.	Operator	Name	Elevation
013837	MACK ENERGY	CORPORATION	3623

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
	N	20	17 S	30 E		990	SOUTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	Dedicated Acres	Joint or	r Infill C	onsolidation C	ode Or	der No.				
	40		-					•		

	OR A NON-STANDARD UNIT HAS B	EEN APPROVED BY TH	E DIVISION
			OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and beitef.
	 	·	Cusa D. Carter Signature
	 		Crissa D. Carter Printed Name Production Clerk Title
		; ; !	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.
2310'	3628.3' 3624.9'	 - 	MARCH 1, 1997 Date Survey J. F. J. J. P. Signatura P. Seal of D. S. Professione SMER Co. 1
) 066	 	Certificate No. 10428 Certificate No. 10428 Certificate No. 10428 Certificate No. 12641

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Santa Fe, New Mexico 87504-2088

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DISTRICT IV P.O. Box 2066, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool N	Name	
30-015-29561	28509	Grayburg Jackson 7RVS-Q	N-GB-SA	
Property Code		Well Number		
006145	W D McINTYRE "E"		3 4 Elevation	
OGRID No.				
013837	MACK EN	ERGY CORPORATION	3623	

Surface Location

ſ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	N	20	17 S	30 E		990	SOUTH	2310	WEST	EDDY

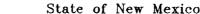
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or	Infill Con	asolidation (ode Or	der No.				
40							•		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

NO AMONABAI V		RD 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.
			Cusa D. Conter
	• !	 	Crissa D. Carter Printed Name Production Clerk Title 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 1, 1997
2310'	3628.3' 3624. 3625.6' 3610.		Date Survey Seal 5005 Protesions Survey Co. 12 35 7 5 5 -05 -97
	Ö		Certificate No. JOHN of EST, 676 RONALOP EIDSON, 3239 POFESSI B. EIDSON, 12641

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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
30-015-30291	28509	Grayburg Jackson SR-	Q-G-SA
Property Code	Prope	Well Number	
006145	W D McIN	TYRE E	5
OGRID No.	Opera	tor Name	Elevation
013837	MACK ENERG'	Y CORPORATION	3624'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	17 S	30 E		1650	SOUTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Dedicated Acres	s Joint o	r Infill	Consolidation	Code Or	der No.		<u></u>			
40										

	DARD ONLY HAS BEEN AFFROVED 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. Caita
	Crissa D. Carter Printed Name Production Clerk Title 4/7/98
3	Date SURVEYOR CERTIFICATION I hereby certify that the well location shown
3629.4' 3627.7'	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.
3625.9' 3629.5'	MARCH 9, 1998 Date Surveyord Million CDG Signature & Oscal St. March 1998 Protein what Surveyord March 1998 MEX. 11.000
	Cerumina No. Ronard School 3239 Cerumina No. Ronard School 3239 12641

x 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION

P.O. Box 2088

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name		
30-015-30291	96718	Loco Hills Paddock		
Property Code		operty Name	Well Number	
006145	W D Mcl	NTYRE E	5	
OGRID No.	Оре	erator Name	Elevation	
013837	MACK ENER	GY CORPORATION	3624'	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	17 S	30 E		1650	SOUTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section T	Cownship	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									

OR A NON-SIANI	ARD 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 Carta
	Crissa D. Carter Printed Name
	Production Clerk Title
	Date CERTIFICATION
3629.4' 3627.7'	SURVEYOR CERTIFICATION I hereby certify that the well tocation 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.
3625.9' 3629.5'	MARCH 9, 1998 Date Surveyors Signature to Company Control of Con
1650°	motol 3238 vilmo 3-16-98
	Ceruffico No. RONALO OS EDSON 3239 OFFICIAL DESON 12641

M 88241-1960

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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

DISTRICT IV P.O. Ben 2068, Senta Fc, NM 87504-2088 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	ne	
30-015-31564	28509	Grayburg Jackson SI	R-Q-G-SA
Property Code	Prop	orty Name	Well Number
006145	W. D.	McINTYRE "E"	6
OGRID No.	Opera	ator Name	Elevation
013837	MACK ENE	RGY, CORPORATION	3629

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	17 S	30 E		990	SOUTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
		•							•
Dedicated Acres	Joint of	Infill Co	nsolidation (Code Ore	der No.				
40								·	

	γ			
	•			OPERATOR CERTIFICATION
}	ļ			I hereby certify the the information
İ	1	l		contained herein is true and complete to the
1	1			best of my knowledge and beitef.
	 			Signature Cat
				Crissa D. Carter
,	 			Production Analyst
	, 		1	
			<u> </u>	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
1650'	27.6' 3627.9' 	<u> </u>	 	Date Surveyed Signature & Seal of Professional Surveyor Mm4/1/201/160
363	24.0°			W.O. Num. 00-11-1437 Certificate No. RONALD J. FIDSON: 3239
				Certificate No. RONALD J. EIDSON. 3239 GARY G. EIDSON. 12641

A. NM 88841-1980

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RICT III Rio Brazos Rd., Astec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name		
30-015-31564	96718	Loco Hills Paddock Property Name Well Number		
Property Code	Proper			
006145	W. D. M	cINTYRE "E"	6	
OGRID No.	Operat	or Name	Elevation	
013837	MACK ENER	GY, CORPORATION	8629	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Peet from the	North/South line	Feet from the	East/West line	County
N	20	17 S	30 E		990	SOUTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Kest/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Ore	der No.	<u> </u>			

OR A NON-STANDARD UNIT HAS BEEN AFFROVED BY THE	
	OPERATOR CERTIFICATION
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	(since) (at
	Signature
	Crissa D. Carter
	Production Analyst THUE ///21/00
	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
3627.6' 3627.9'	Date Surveyed Signature & Seal of Professional Surveyor
3624.0' 3624.7'	Romalel Endon 11/16/00
-,066	/ W.O. Num. 00-11-1437 Certificate No. RONALD J. EIDSON. 3239 GARY G. EIDSON, 12641
	GART G. EIDSON, 1204

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OIL CONSERVATION DIVISION
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Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

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	API Number	Pool Code	Pool Name	
	30-015-31786	28509	Grayburg Jackson SR-Q-	-G-SA
P	roperty Code	Proper	y Name	Well Number
1 (6145	W.D. Mc	INTYRE E	. 7
	OGRID No.		or Name	Elevation
(013837	MACK ENERGY	CORPORATION	3618'

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
	. N -	20	17-S	30-E	·	330	SOUTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

	UL or	lot	No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Γ	Dedic	ated	Acre	Joint o	r Infill	Consolidation	Code (rder No.				
		40)								•	

			OPERATOR CERTIFICATION
			I hereby certify the the information contained herein is true and complete to the
			best of my knowledge and belief. Land Dall Signature
			Crissa D. Carter Printed Name
			Production Analyst
			4/4/2001 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.
			MARCH 26, 2001 Date Surveyed Million AWB Signature A Seal of Company of Com
3621.1' 3618.8'			Manual Confer 3/29/01
1650' - O J J J J J J J J J J J J J J J J J J			Certificate No. RONALD 1 EDSON 3239 GART EDSON 12641

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OIL CONSERVATION DIVISION

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

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

P.O. BOX 2088, SANTA FE, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION	PLAT	□ AMENDED REPORT			
API Number	Pool Code	Pool Name					
30-015-31786	96718	Loco	Loco Hills Paddock				
Property Code	-	perty Name		Well Number			
6145	W.D. Me	7					
OGRID No.	Ope	Elevation					
013837	MACK ENERG	Y CORPORATION		3618'			

Surface Location

ſ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	N ·	20	17-S	30-E		330	SOUTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
Dedicated Acres	Joint o	r Infill	Consolidation	Code Or	der No.	<u> </u>			<u></u>			
40								·.	·			

		TAS BEEN APPROVED I	
T			OPERATOR CERTIFICATION
			I hereby certify the the information contained herein is true and complete to the
;		1	best of my knowledge and belief.
			Lisa Dat Signature
			Crissa D. Carter Printed Name
	ľ		Production Analyst
			4/4/2001 Date
			SURVEYOR CERTIFICATION
; <u>.</u>		\	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 26, 2001
			Date Surveyed AWB Signature A Seal of Control Professional Surveyor
	1		DE PORTO
3621.1	3618.8'		1000000 01 00 00 00 00 00 00 00 00 00 00
1650'	-0 0 0 36 m 7'	1	Certificate No. RONALD E EDSON 3239 GART EDSON 12841

Energy, Minerals and Natural Resources Departs

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

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*1*СТ П or DD, Artesia, NM 88211-0719

STRICT III

OIL CONSERVATION DIVISION

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

000 Rio Brazos Rd., Astec, NM 87410 DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

P.O. BOX 2088, SANTA FE, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION PLAT	□ AMENDED REPORT			
API Number	Pool Code	Pool Name Grayburg Jackson SR-Q-G-SA				
30-015-31787	28509					
Property Code	Prop	erty Name	Well Number			
6145	W.D. Mo	INTYRE E	8			
OGRID No.		ator Name	Elevation			
013837	MACK ENERG	Y CORPORATION	3634'			

Surface Location

ſ	UL or lot No. *	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
١	K	20	17-S	30-E		1650	SOUTH	2250	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section Tow	nship Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Inf	III Consolidation	Code Or	der No.				
40								

ON A NOW STRADARD ONLY THAN DEEN ATTROVED BY	
	OPERATOR CERTIFICATION
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Signature Lat
	Crissa D. Carter Printed Name
	Production Analyst
	4/5/2001 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
3635.70' 3634.8'	supervison, and that the same is true and correct to the best of my belief.
2250'	MARCH 26, 2001
3632.2 3626.8	Date Surveyed AWB Signature & Seal of Professional Surveyor
1650'	1 mold Loidson 3/29/01
	Certificate No. RONATO FEDSON 3239 CARY KIDSON 12641
	THE PROFESSION OF THE PROPERTY

Energy, Minerals and Natural Resources Depe

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*І*СТ П er DD, Artesia, NM 88211-0719

STRICT III 000 Rio Brazos Rd., Astec, NM 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

☐ AMENDED REPORT

API Number	. Pool Code	Pool Name			
30-015-31787	96718	Loco Hi	lls Paddock		
Property Code	Prope	rty Name	Well Number		
6145	W.D. Mc	W.D. Mc INTYRE E			
OGRID No.		tor Name	Elevation		
013837	MACK ENERG	MACK ENERGY CORPORATION			

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
	K	20	17-S	30-E		1650	SOUTH	2250	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 of	r Infill Co	nsolidation (Cods Or	der No.				-
40										

OR A NON-SIRNDARD ONLI HAS BEEN AFFROVE	
	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Signature Salar
	Crissa D. Carter Printed Name Production Analyst
	Title 4/5/2001 Date
	SURVEYOR CERTIFICATION
3635.00 3634.8'	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 supervisen, and that the same is true and correct to the best of my belief.
2250' 3632.2' 3626.8'	MARCH 26, 2001 Date Survexed War AWB Signature & Seal of the Sea
1 1650'	Processional Surveyor 3/29/01
	Certificate No. RONALD J. MIDSON 3239 GARY RIDSON 12641

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

Energy, Minerals and Natural Resources Department

Form C-102
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DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 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 A	CREAGE DEDICATION PLAT	□ AMENDED REPORT
API Number	Pool Code	Pool Name	
30-015-32187	96718	Loco Hills Paddo	ck
Property Code	Proper	Well Number	
006145	W.D.McI	NTYRE E	9
OGRID No.	•	tor Name	Elevation
013837	MACK ENERGY	CORPORATION	3611'

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
	N	20	17-S	30-E		430	SOUTH	2210	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 Ore	der No.				:
40									:

	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 11/26/2001 Date SURVEYOR CERTIFICATION
GEODETIC COORDINATE SPC NME NAD 1927 Y=659954 X=603932	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.
3615.7' 3609.0' 2210' 3593.8'	NOVEMBER 20, 2001 Date Soft yed, E/July AWB Signature of 1/21/0/ Certain See No. ROLLD EIDSON 3239 1/2641

DISTRICT I P.O. Hox 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

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 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

□ AMENDED REPORT

API Number	Pool Code	Pool Na	Pool Name		
30-015-32187	28509	Grayburg Jackson SI	R-Q-G-SA		
Property Code	Pro	perty Name	Well Number		
006145	W.D.Me	CINTYRE E	9		
OGRID No.	-	rator Name	Elevation		
013837	MACK ENERG	GY CORPORATION	3611'		

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	17-S	30-E		430	SOUTH	2210	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 Ore	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
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	Clisa D. Cart
	Signature Crissa D. Carter
	Printed Name Production Analyst
	Title 11/26/2001
	Date
	SURVEYOR CERTIFICATION
GEODETIC COORDINATE SPC NME NAD 1927	on this plat was plotted from field notes of actual surveys made by me or under m
Y=659954 X=603932	supervison, and that the same is true and correct to the best of my belief.
i i	NOVEMBER 20, 2001
	Date Surveyed AWB Signature & Scal-of S Professional Surveyor
	finals of Cylin 1/21/01
3615.7' 3609.0'	1 Not 11.1228
3601.9' 7 3593.8'	Cortange No. RONALD F EIDSON 3239

State of New Mexico Energy, Minerals and Natural Resources Department

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

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DISTRICT IV P.O. BOX 2086, 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	Poo	l Name
30-015-32217	28509	Grayburg Jack	son SR-Q-G-SA
Property Code	Prop	erty Name	Well Number
6145	W.D. Mo	INTYRE E	10
OGRID No.	•	tor Name	Elevation
013837	MACK EN	ERGY CORP.	3634

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	20	17 S	30 E		2190	SOUTH	1664	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 of	r Infill Co	naolidation	Code Or	der No.				
40									

	JNIT 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. Carl
	Crissa D. Carter Printed Name
	Production Analyst
	1/11/2002 Date
	SURVEYOR CERTIFICATION
3634.3' 3637.7' 1664' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	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.
	DECEMBER 21, 2001 Date Surveyed LMP Signature & Seal of Profosional Surveyor.
2190	Bonald Color 01/04/02
	Certificate No. RONALD L EIDSON 3239

TRICT I .6. Box 1980, Hobbs, NM 88241-1980

State of New Mexico Energy, Minerals and Natural Resources Department

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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			
30-015-32217	96178 96718	Loco Hills Paddock			
Property Code	Рторо	Property Name			
6145	W.D. Mo	W.D. McINTYRE E			
OGRID No.	•	tor Name	Elevation		
013837	MACK EN	ERGY CORP.	3634		

Surface Location

K 20 17 S 30 E 2190 SOUTH 1664 WEST	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	K	20	17 S	30 E		2190	SOUTH	1664	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 Con	solidation C	ode Ord	der No.				
40	<u> </u>		<u>-</u>						

	OPERATOR CERTIFICATION
	I hereby certify the the information
·	contained herein is true and complete to the best of my knowledge and belief.
	Cusse D. Carl Signature
	Crissa D. Carter Printed Name
	Production Analyst
	1/11/2002 Date
Ť ,	SURVEYOR CERTIFICATION
3634.3' 3637.7'	I hereby certify that the well location shown on this plat was plotted from field notes of
1664'	actual surveys made by me or under my supervisor, and that the same is true and correct to the best of my belief.
	DECEMBER 21, 2001 Date Surveyed Company LMP
<u> </u>	 Signature & Seal of Professional Surveyor
2190,	Bonald Eiden 0/04/02
	V 01-11-1331
	Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641

Form C-107A Revised June 10, 2003

District 11

District III 1000 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
X Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes No

Iack Energy CorporationP.O. Box 960, Artesia, NM 88211-0960								
Operator								
WD McIntyre E	3 K-20-17	Eddy						
Lease	Well No. Unit Letter-	County						
OGRID No. 013837 Property Co	de 6145 API No. 30-01:	5-29425 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)	2850-4270'	4344-4769'						
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: 4/28/12					
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	NIAL DATA	and the second s					
	ADDITIO	NAL DATA	v					
Are all working, royalty and overriding If not, have all working, royalty and over the control of the control o			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	ole 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	s to establish Pre-Approved Pools,	the following additional information w	ill be required:					
List of other orders approving downhot List of all operators within the propose Proof that all operators within the propose Bottornhole pressure data.	ed Pre-Approved Pools	• •						
I hereby certify that the information	on above is true and complete to	the best of my knowledge and bel	lief					
SIGNATURE Jeny W.	Shenell TITLEPI	oduction Clerk	DATE 10/3/2005					
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

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

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

fack Energy Corporation P.O. Box 960, Artesia, NM 88211-0960									
Operator	Address								
WD McIntyre E	4 N-20-17S-30E Eddy								
Lease	Well No. Unit Letter	-Section-Township-Range	County						
OGRID No. 013837 Property Code 6145 API No. 30-015-29561 Lease Type: X Federal State Fee									
DATA ELEMENT	UPPER ZONE	LOWER ZONE							
ool Name Grayburg Jackson SR Q G SA Loco Hills Paddock									
PoolCode 28509 96718									
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2941-4380' 4463-4660'								
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:	Date: 6/30/2005						
estimates and supporting data.)	Rates:	Rates:	Rates: <u>3/17/8</u>						
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	oil Gas	Oil Gas	0il Gas						
ADDITIONAL DATA									
Are all working, royalty and overriding If not, have all working, royalty and over	g royalty interests identical in all c	ommingled zones?	Yes No No						
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesX No						
Will commingling decrease the value of	of production?		YesNoX						
If this well is on, or communitized with or the United States Bureau of Land M			Yes No						
NMOCD Reference Case No. applicab	ole to this well:	P4.	<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	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 information		_	lief						
SIGNATURE Chy W.	Shendl TITLEP	roduction Clerk	DATE 10/3/2005						
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
HOOD 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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation), Artesia, NM 882	11-0960			_
Operator	_	Add				F14-	_	
WD McIntyre E	Well No.	K-20-17	S-30E Section-Towns	hip-Range		Eddy County	<u> </u>	
OGRID No. 013837 Property Co				Lease Type: X	Federa	alState	F	ee
DATA ELEMENT	UPPER	ZONE	INTER	MEDIATE ZONE		LOWER ZO)NE	
Pool Name	Grayburg Jackson	n SR Q G SA			Loco F	Iills Paddock	<u> </u>	
PoolCode	28509				96718			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2891-4308'				4390-4	828'		
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure	Artificial Lift				Artific	ial Lift		
(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				Produc	ing	<u></u>	
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	7/45/20		
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	%	ìas	%
4		ADDITIO	NAL DATA	1	!			
Are all working, royalty and overriding If not, have all working, royalty and ov						Yes <u>X</u> Yes	_ No _ No	
Are all produced fluids from all commi			_			YesX	No_	
Will commingling decrease the value of	f production?					Yes	No <u>X</u>	
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 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	at least one year. (ry, estimated produ or formula. y and overriding ro	(If not available, action rates and so a syalty interests for	attach explai supporting da or uncommon	nation.) ta.				
		PRE-APPRO	OVED POC	<u>DLS</u>				
If application is	to establish Pre-A	pproved Pools, t	he following	additional information	will be req	uired:		
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 as	nd complete to	the best of	my knowledge and be	elief			
SIGNATURE LEMY W	! Shanel	C TITLEPRO	oduction Cl	lerk	DATE	10/3/2005		
TYPE OR PRINT NAME Jerry W	. Sherrell		7	TELEPHONE NO. (505 Y	748-1288		

__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

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

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

ack Energy Corporation P.O. Box 960, Artesia, NM 88211-0960								
Operator	Address							
WD McIntyre E	6 N-20-17	Eddy						
Lease		Section-Township-Range	County					
OGRID No. 013837 Property Co	de 6145 API No. 30-015	5-31564 Lease Type: X	FederalStateFee					
DATA ELEMENT	UPPER ZONE	LOWER ZONE						
Pool Name	Grayburg Jackson SR Q G SA Loco Hills Paddock							
PoolCode	ode 28509 96718							
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2930-4372'		4456-4698'					
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: 6/30/2005 Rates: 5/33/15					
	Ruics.	Rates.	Kutes. 5/55/15					
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	0il Gas					
	ADDITIO	NAL DATA						
Are all working, royalty and overriding If not, have all working, royalty and over	g royalty interests identical in all co	miningled zones?	Yes X No No No No					
Are all produced fluids from all commi		·	YesX No					
Will commingling decrease the value of	of production?		YesNoX					
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	to establish Pre-Approved Pools, t	he following additional information wa	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	ief					
SIGNATURE Juny h	! Shenell_titlePro	oduction Clerk	DATE 10/3/2005					
TYPE OR PRINT NAME Jerry W		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

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

Mack Energy Corporation		O. Box 960, Artesia, NM 8821	1-0960		.			
Operator Address WD McIntvre E 7 N-20-17S-30E Eddy								
WD McIntyre E Lease	Well No. Unit Letter-		County					
OGRID No. 013837 Property Co	Federal	State	Fee					
DATA ELEMENT	UPPER ZONE	LO	LOWER ZONE					
Pool Name	Grayburg Jackson SR Q G SA Loco Hills Paddock							
PoolCode	28509	4444	96718					
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2966-4420'	1	4489-4678'					
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial L	ift				
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,	Date:	Date:	Date: 6/30	0/2005				
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 10/	68/30				
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.)	, ,,	,,						
		NAL DATA		v	.,			
Are all working, royalty and overriding If not, have all working, royalty and over		•		es X	No No			
Are all produced fluids from all commi	ingled zones compatible with each	other?	Y	es X				
Will commingling decrease the value of	•		Ye	es	No <u>X</u>			
If this well is on, or communitized with or the United States Bureau of Land M			Yo	es	No			
NMOCD Reference Case No. applicab	le to this well:							
For zones with no production histo Data to support allocation method Notification list of working, royalt	at least one year. (If not available, bry, estimated production rates and s	attach explanation.) supporting data. or uncommon interest cases.						
	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 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	ief					
SIGNATURE Juny W.	Shenel TITLE Pro	oduction Clerk	_DATE_10/3	3/2005	- Paris			
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748	3-1288				

<u>District I</u> 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	P.O. Box 960, Artesia, NM 88211-0960. Address							
Operator WD McIntyre E	8 K-20-17S-30E Eddy							
Lease Lease	Well No. Unit Letter-	County						
OGRID No. 013837 Property Code 6145 API No. 30-015-31787 Lease Type: X Federal State Fee								
DATA ELEMENT	UPPER 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)	2902-4330'	4415-4862'						
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 estimates and supporting data.)	Date:	Date:	Date: 6/30/2005 Rates: 6/40/18					
D' AAllerei's D		011	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.)	Oil Gas	Oil Gas	01l Gas %					
	ADDITIO	NAL DATA						
Are all working, royalty and overriding If not, have all working, royalty and over			Yes No No					
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesX No					
Will commingling decrease the value of	of production?		YesNoX					
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	s 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		• •						
SIGNATURE Ling W.	Shevell TITLE Pro	oduction Clerk	DATE 10/3/2005					
TYPE OR PRINT NAME Jerry W	. Sherrell	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

District III 1000 Rio Brazos Road, Azlec, 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 88211-0960				
Operator		Address	T 11		
WD McIntyre E		-17S-30E ter-Section-Township-Range	Eddy County		
Lease			·		
OGRID No. 013837 Property Code 6145 API No. 30-015-32187 Lease Type: X Federal State Fee					
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE		
Pool Name	Grayburg Jackson SR Q G SA	1	Loco Hills Paddock		
PoolCode	28509		96718		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2978-4440'		4499-4704'		
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:	Date: 6/30/2005		
estimates and supporting data.)	Rates:	Rates:	Rates: <u>9/62/27</u>		
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	01l Gas		
than current or put production, supporting data or explanation will be required.)	%	% %	% %		
	<u> </u>				
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		
Are all produced fluids from all commingled zones compatible with each other?			Yes X No		
Will commingling decrease the value of production? Yes					
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. Bottornhole pressure data.					
I hereby certify that the information above is true and complete to the best of my knowledge and belief					
SIGNATURE Levy W. Shenell TITLE Production Clerk DATE 10/3/2005					
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 88211-0960				
Operator	Address				
WD McIntyre E	10 K-20-17 Well No. Unit Letter-5		Eddy County		
Lease Well No. Unit Letter-Section-Township-Range County OGRID No. 013837 Property Code 6145 API No. 30-015-32217 Lease Type: X Federal State Fee					
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE		
Pool Name	Grayburg Jackson SR Q G SA	100 March 100 Ma	Loco Hills Paddock		
PoolCode	28509		96718		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2858-4268'		4354-4791'		
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: 2/11/5		
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.)	% %	% %	% %		
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 X No		
Are all produced fluids from all commingled zones compatible with each other?			Yes_X No		
Will commingling decrease the value of production?			YesNo_X		
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. Bottornhole pressure data.					
I hereby certify that the information above is true and complete to the best of my knowledge and belief					
SIGNATURE					
TYPE OR PRINT NAME Jerry W. Sherrell TELEPHONE NO. (505) 748-1288					