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f	DZEL	(SUSPENSE	ENGINEER
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ABOVE THIS LINE FOR DIVISION U

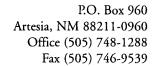
LOGGED IN

NEW MEXICO OIL CONSERVATION DIX

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



		ADMINISTRATIVE AFF	LICATION CITEORE	<u> </u>
TH	IIS CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATIVE APPLI WHICH REQUIRE PROCESSING AT	CATIONS FOR EXCEPTIONS TO DIVISION THE DIVISION LEVEL IN SANTA FE	N RULES AND REGULATIONS
Applic	[DHC-Dov [PC-P	s: andard Location] [NSP-Non-Standard wnhole Commingling] [CTB-Lease C rool Commingling] [OLS - Off-Lease [WFX-Waterflood Expansion] [PMX [SWD-Salt Water Disposal] [IF alified Enhanced Oil Recovery Certif	ommingling] [PLC-Pool/Lease Storage] [OLM-Off-Lease Mea -Pressure Maintenance Expans	Commingling] isurement] iion]
[1]	TVDE OF A	DDI ICATION Cheek There Which	A	N
[1]	[A]	PPLICATION - Check Those Which Location - Spacing Unit - Simultan		<u></u> ယ
		NSL NSP SD		PM
		k One Only for [B] or [C]		
	[B]	Commingling - Storage - Measurer		ω
		DHC CTB PLC	PC OLS OLI	25
	[C]	Injection - Disposal - Pressure Incr WFX PMX SWD		R
	[D]	Other: Specify		
[21	NOTIFICAT [A]	TION REQUIRED TO: - Check Thom Working, Royalty or Overriding		Apply
	[B]	Offset Operators, Leaseholder	s or Surface Owner	
	[C]	Application is One Which Rec	uires Published Legal Notice	
	[D]	Notification and/or Concurren U.S. Bureau of Land Management - Commission		
	[E]	For all of the above, Proof of	Notification or Publication is Att	ached, and/or,
	[F]	Waivers are Attached		
[31		CCURATE AND COMPLETE INFO ATION INDICATED ABOVE.	DRMATION REQUIRED TO	PROCESS THE TYPE
[41 appro applic	val is accurate	ATION: I hereby certify that the infor and complete to the best of my know equired information and notifications	ledge. I also understand that no	cation for administrative action will be taken on this
	Note	Statement must be completed by an individ	lual with managerial and/or superviso	ry capacity.
T		() 114	10	
	W. Sherrell or Type Name	Signature V. She	Production Clerk Title	12/29/2005 Date
	Jpe rimine	- Orginal a C C		
			jerrys@mackenergyco e-mail Address	rp.com





December 27, 2005

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

Re: Down hole Commingling, and measurement of

Hydrocarbon Production for:

Schley Federal #2,4,5,6,7,8,9,11,12,13,15

Section 29, T17S, R29E Eddy County, New Mexico

Mack Energy Corporation as operator of the aforementioned (11) wells respectfully requests administrative approval for down hole commingling and measurement of production.

Mack Energy proposes to commingle Grayburg Jackson SR-Q-G-SA and Empire Yeso East production in the Schley Federal wells (NM-29281). Production of both pools will be measured at the Schley Federal TB located in the NE/4 SW/4, Sec. 29 T17S R29E. 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. These wells have produced for some time from the Yeso formation. The subtraction method will be used to allocate production based on increased production from the San Andres formation.

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

Jérry 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-SA and the Empire Yeso East in the Schley Federal wells #2,4,5,6,7,8,9,11,12,13,15 Sec 29 T17S R29E.

Schley Federal Lease DHC Approval

seniej i ederar zieuse zire ripprovar	
CHASE OIL CORPORATION	
By: Robert C. Chase, President	Date: <u>/-6-2006</u>
ROBERT C. CHASE	
By: Robert C. Chase	Date: 1-6 - 2006
RICHARD LACHASE	
By: Aldred L. Chase	Date: 1-9-2006
GERENE DIANNE CHASE CROUCH Dealing in her sole and separate property	
By: Rebecca S. Ericson, Attorney-in-Fact	Date: 12-28-2005
,	i i

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires. March 31,1993

5. Lease Designation and Serial No

		NMNM-29281
	S AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
	rill or to deepen or reentry to a different reservoir.	,
Use "APPLICATION FO	OR PERMIT—" for such proposals	
CLIDANI	T IN TRIPLICATE	7 If Unit or CA, Agreement Designation
SUBIVIT	TIN TRIPLICATE	
1 Type of Weil		
Oil Gas Well Other	·	8 Well Name and No
2. Name of Operator		Schley Federal Lease
Mack I	Energy Corporation	9. API Well No
3. Address and Telephone No.	Multiple see below	
P.O. Box 960,	10 Field and Pool, or Exploratory Area	
4 Location of Well (Footage, Sec., T. R., M. or Survey D	escription)	Grayburg Jackson SR Q G SA/Yeso
Unite E E &	& L, Sec. 29 T17S R29E	11. County or Parish, State
Omis E, F o	k L, Sec. 29 1173 R29L	
		Eddy, NM
CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other Downhole Commingle	Dispose Water
		(Note: Report results of multiple completion on Well
13 Describe Proposed or Completed Operations (Clearly state a	ll pertinent details, and give pertinent dates, including estimated date of starti	Completion or Recompletion Report and Log form) ng any proposed work. If well is directionally drilled,
	tical depths for all markers and zones pertinent to this work)*	
		1 1 1 10 10 15 6 7 0 0 11 12 12 15
	val to downhole commingle production in the Schley Fed	
	he Grayburg Jackson; SR-Q-G-SA and Empire Yeso Eas	
conducted after completion operations. Allow	cation percentages will be determined using increased pr	oduction.
#2 20 015 20201		
#2 30-015-30301 #4 30 015 30451		
#4 30-015-30451 #5 30 015 30303		
#5 30-015-30302 #6 30 015 30450	;	* 1
#6 30-015-30459 #7 30-015-30303	<i>•</i>	
#8 30-015-30307	!	
#9 30-015-31988		
#11 30-015-32134) :	V e
#12 30-015-32243	$N_{\rm c}$,
#13 30-015-32245	∀	
#15 30-015-32244 #15 30-015-32368		
#15 50-015-52508		
14 1 hereby certify that the foregoing is true and correct		
Signed Jany W. Sherry	Production Clerk	12/29/2005
	Title Troduction Clerk	Date
(This space for Federal or State office use)		
Approved by	Title	Date
or approval, it ally		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

District I

State of New Mexico

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Ave

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation			Box 960, A	rtesia, NM 8821	1-0960		
Schley Federal	2	Address L-29-17S-2	OF.			Edd	
Lease		Jnit Letter-Secti		lange		County	
OGRID No. 013837 Property Co	de <u>22367</u> API N	o. <u>30-015-30</u>)301	Lease Type: X	Federal _	State	Fee
DATA ELEMENT	UPPER ZON	Е	INTERME	DIATE ZONE	LC	WER ZO	ONE
Pool Name	Grayburg Jackson SR (Q G SA			East Empi	re Yeso	
PoolCode	28509				96610		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2493-3978'				4620-499	4'	
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure	Artificial Lift				Artificial	Lift	<u> </u>
(Note: Pressure data will not be required ifthe 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	5	
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:	D	ate:		Date: 10	/31/2005	
estimates and supporting data.)	Rates:	R	ates:		Rates: 60	/75/30	
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Ga	s O	il	Gas	oil		Gas
than current or put production, supporting data or explanation will be required.)	%	%	%	%		%	%
	Al	DDITIONA	L DATA				
Are all working, royalty and overriding If not, have all working, royalty and over the control of the control o				ified mail?	,	res X	No
Are all produced fluids from all commi	ingled zones compatible v	with each othe	r?		•	res <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 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	E-APPROVI	ED POOLS		<u></u>		·····
If application is	s to establish Pre-Approve	ed Pools, the f	ollowing addi	tional information w	ill be require	:d:	
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 Jerry h	SIGNATURE LENY W. Should TITLE Production Clerk DATE 12/29/2005						
TYPE OR PRINT NAME Jerry W				EDUONE NO. /		10 1200	

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,

District IV

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

Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

 $\begin{array}{c} \text{APPLICATION TYPE} \\ \underline{X} \quad \text{Single Well} \end{array}$ X Establish Pre-Approved Pools EXISTING WELLBORE

X Yes ____No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation		O. Box 960, Artesia, NM 8821		
•	4 L-29-17		,	Eddy
Schley Federal		Section-Township-Range		ounty
				•
OGRID No. 013837 Property Co	ode <u>2230/</u> API No. <u>30-01.</u>	5-30451 Lease Type: X	FederalS	StateFe
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWE	R ZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Y	eso
PoolCode	28509		96610	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2444-3902'		4037-4322'	
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,	Date:	Date:	Date: 10/31/2	.005
applicant shall be required to attach production			D . 24/122	152
estimates and supporting data.)	Rates:	Rates:	Rates: 24/132	/33
Fixed Allocation Percentage	oil Gas	Oil Gas	oil	Gas
(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	z rovalty interests identical in all co	ommingled zones?	YesX	No No_
f not, have all working, royalty and o	verriding royalty interest owners be	en notified by certified mail?	$_{\mathrm{Yes}}\overline{\mathrm{X}}$	No_
are all produced fluids from all comm	ingled zones compatible with each	other?	$Yes\underline{X}$	No
Will commingling decrease the value of	of production?		Yes	No 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 N				
NMOCD Reference Case No. applicab	le to this well:			
Production curve for each zone fo For zones with no production histo Data to support allocation method Notification list of working, royalt	ngled showing its spacing unit and a r at least one year. (If not available ory, estimated production rates and or formula. by and overriding royalty interests for documents required to support con	, attach explanation.) supporting data. or uncommon interest cases.		

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 Po Bottornhole pressure data.		
I hereby certify that the information above is true and of SIGNATURE Level Shevel	complete to the best of my knowledge and b	elief
SIGNATURE Jerry W. Thersell	TITLEProduction Clerk	DATE 12/29/2005
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE NO. (505) 748-1288
E-MAIL ADDRESS jerrys@mackenergycom.com		

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
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

 $\begin{array}{c} \text{APPLICATION TYPE} \\ \underline{X} \quad \text{Single Well} \end{array}$ \mathbf{X}

APPLICATION FOR DOWNHOLE COMMINGLING

Establish Pre		ved Pools
EXISTI	NG WE	LLBORE
<u>X</u>	Yes _	No

Mack Energy Corporation		O. Box 960, Artesia, NM 882	211-0960
Schley Federal	5 E-29-17		Eddy
ease		Section-Township-Range	County
OGRID No. 013837 Property Co	de 22367 API No. 30-015	5-30302 Lease Type: 2	X Federal State Fee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWERZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2374-3818'		3952-4281'
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: 10/31/2005
applicant snall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 7/39/16
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	
are all working, royalty and overriding f not, have all working, royalty and ov	g royalty interests identical in all coverriding royalty interest owners be	ommingled zones? en notified by certified mail?	Yes X No No No
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesXNo
Will commingling decrease the value of	of production?		Yes No_X
f 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. (If not available ory, estimated production rates and or formula.	, attach explanation.) supporting data. or uncommon interest cases.	
	PRE-APPRO	OVED POOLS	
If application is	s to establish Pre-Approved Pools,	the following additional information	n will 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	, , , ,		belief
SIGNATURE Jerry W	Shenell TITLEPT	oduction Clerk	DATE 12/29/2005
ΓΥΡΕ OR PRINT NAMEJerry W	. Sherrell	TELEPHONE NO 1	/ 505 \ 748-1288

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 $\frac{\text{APPLICATION TYPE}}{\underline{X}} \underbrace{\text{Single Well}}_{\text{Establish Pre-Approved Pools}}$ **EXISTING WELLBORE** X Yes ____No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation	F	2.O. Box 960, Artesia, NM 8821	1-0960				
Operator	Ad	dress					
Schley Federal Lease	6 F-29-1	Eddy					
Lease Well No. Unit Letter-Section-Township-Range County OGRID No. 013837 Property Code 22367 API No. 30-015-30459 Lease Type: X Federal State Fee							
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE				
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso				
PoolCode	28509		96610				
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2394-3846'		3970-4303'				
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift				
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1				
Producing, Shut-In or New Zone	New Zone		Producing				
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:	Date:	Date: 10/31/2005				
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 23/127/51				
Fixed Allocation Percentage	oil Gas	Oil Gas	oil Gas				
(Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	% %	% %	% %				
	ADDITIO	DNAL DATA					
Are all working, royalty and overriding If not, have all working, royalty and over			Yes X No No No				
Are all produced fluids from all comm	ingled zones compatible with each	other?	Yes <u>X</u> 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			YesNo				
NMOCD Reference Case No. applicab	ole to this well:	The second transfer of					
Attachments: C- I 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 v	vill 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 Jerry W. Shewell TITLE Production Clerk DATE 12/29/2005							
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288				

_____TELEPHONE NO. (___505__) 748-1288

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

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	Add	O. Box 960, Artesia, NM 8821	1-0200	
chley Federal	7 E-29-17]	Eddy
ease		Section-Township-Range		ounty
OGRID No. 013837 Property Co	de <u>22367</u> API No. <u>30-015</u>	5-30303 Lease Type: X	FederalS	StateF
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWE	R ZØNE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Y	eso
PoolCode	28509		96610	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2332-3788'		3913-4259'	
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		Producing	
New Zone Date and Oil/Gas/Water Rates of	New Zone		Troducing	
Last Production. (Note: For new zones with no production history,	Date:	Date:	Date: 10/31/2	2005
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 6/33/13	
Fixed Allocation Percentage	oil Gas	Oil Gas	oil	Gas
(Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	% %	% %	%	_
	ADDITIO	NAL DATA		
re all working, royalty and overriding			$\frac{Y_{es}X}{Y_{es}X}$	
re all produced fluids from all comm	ingled zones compatible with each	other?	Yes X	No
/ill commingling decrease the value of	of production?		Yes	No <u>X</u>
f this well is on, or communitized with r the United States Bureau of Land M			Yes	No
MOCD Reference Case No. applicab	le to this well:	-		
Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt	ngled showing its spacing unit and a r at least one year. (If not available, ory, estimated production rates and s or formula. y and overriding royalty interests for documents required to support com	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	vill be required:	
ist of other orders approving downho ist of all operators within the propose Proof that all operators within the prop	ed Pre-Approved Pools		-	

I hereby certify that the information above is true and complete to the best of my knowledge and belief							
SIGNATURE Juny M. Shenell TITLE Product	ion Clerk	DATE 12/29/2005					
TYPE OR PRINT NAME Jerry W. Sherrell	TELEPHONE NO. (_	505) 748-1288					
E-MAIL ADDRESS jerrys@mackenergycorp.com							

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 ll ls E

APPLICATION FOR DOWNHOLE COMMINGLING

		X	_Single Wel
X	_Establish Pro	e-Ap	proved Pool
	EXISTI	NG V	WELLBORI
	X	Ye	s No

Mack Energy Corporation		P.O. Box 960, Artesia,	NW 8821.	1-0900	
perator Schley Federal		Address 17S-29E		Fd	ldv
ease		ter-Section-Township-Range		Cour	
OGRID No. 013837 Property Co	de 22367 API No. 30-	015-30307 Leas	se Type: X	FederalSta	iteFee
DATA ELEMENT	UPPER ZOMÉ	INTERMEDIAT	E ZONE	LOWER	ZONE
Pool Name	Grayburg Jackson SR Q G S	A .		East Empire Yes	0
PoolCode	28509			96610	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2350-3795'			3929-4240'	
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: 10/31/200)5
estimates and supporting data.)	Rates:	Rates:		Rates: 10/55/22	
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	0il Gas	Oil Ga	ns %	oil %	Gas
	ADDIT	IONAL DATA			——————————————————————————————————————
are all working, royalty and overriding f not, have all working, royalty and ov	* *		nail?	$\frac{Yes}{Yes}\frac{X}{X}$	No
Are all produced fluids from all commi	ngled zones compatible with ea	ch other?		Yes X	No
Vill commingling decrease the value of	f production?			Yes	No_X
f this well is on, or communitized with or the United States Bureau of Land M			lic Lands	Yes	No
NMOCD Reference Case No. applicable	e 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 year. (If not availality, estimated production rates a per formula.	ole, attach explanation.) nd supporting data. s for uncommon interest cas	ses.		
	PRE-API	ROVED POOLS			1, 4, 9
If application is	to establish Pre-Approved Poo	s, the following additional i	nformation 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-Approved Pools		ication.		
hereby certify that the informatio	n above is true and complete			lief DATE 12/29/200)5

District I

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, Azlec, NM 874 1 0

District IV

E-MAIL ADDRESS jerrys@mackenergycorp.com

Oil Conservation Division

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

Mack Energy Corporation		O. Box 960, Artesia, NM 8821	1-0900
Operator	Add		P.11
Schley Federal	9 L-29-17 Well No. Unit Letter-	S-29E Section-Township-Range	Eddy County
OGRID No. 013837 Property Co			•
OGRID No. 013037 Property Co	API No. 30-013	Lease Type. A	rederalstateret
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2490-3987'		4774-4866'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:	Date:	Date: 10/31/2005
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 26/176/2
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.)	% %	% %	%
	ADDITIO	NAL DATA	
Are all working, royalty and overriding f not, have all working, royalty and o			Yes X No No
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesX No
Will commingling decrease the value	of production?		Yes No_X
If this well is on, or communitized wit or the United States Bureau of Land N	· ·		Yes No
NMOCD Reference Case No. applicab	ole to this well:		
Production curve for each zone fo For zones with no production histo Data to support allocation method Notification list of working, royals	ngled showing its spacing unit and a r at least one year. (If not available, ory, estimated production rates and sor formula. Ty and overriding royalty interests for documents required to support com	attach explanation.) supporting data. or uncommon interest cases.	
	PRE-APPRO	OVED POOLS	
If application i	s to establish Pre-Approved Pools, t	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	•	
hereby certify that the information	on above is true and complete to	the best of my knowledge and be	lief
SIGNATURE Juny W	Shenell TITLEPR	oduction Clerk	DATE 12/29/2005
TYPE OR PRINT NAMEJerry W	7. Ch	TELEPHONE NO. (505) 748-1288

TELEPHONE NO. (___505__) 748-1288

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

Form C-107A

Revised June 10, 2003

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation	P.	O. Box 960, Artesia, NM 8821	1-0960
Operator	Add		
Schley Federal	11 F-29-17		Eddy
Comparison Lease OGRID No. 013837 Property Co		Section-Township-Range 5-32134 Lease Type: X	County FederalStateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWERZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2485-3838'		3972-4257'
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.		_	10/21/2005
(Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date: 10/31/2005
estimates and supporting data.)	Rates:	Rates:	Rates: 15/83/33
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.)			
And all modeling and by and accomidition	•	NAL DATA	Yes X No
Are all working, royalty and overriding If not, have all working, royalty and over the control of the control o			Yes X No
Are all produced fluids from all comm	ingled zones compatible with each of	other?	YesX No
Will commingling decrease the value of	•		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:		<u> </u>
Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt	ngled showing its spacing unit and a rat least one year. (If not available, rry, estimated production rates and sor formula. y and overriding royalty interests for documents required to support com	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	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	n above is true and complete to	the best of my knowledge and bel	lief
SIGNATURE Jeny h	! Shevell TITLE Pro	oduction Clerk	DATE 12/29/2005
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

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation		P.	O. Box 960,	Artesia, NM 88211	1-0960			_
Operator		Add						
Schley Federal	12 Well No.	L-29-17				Eddy County		_
Lease			Section-Township					
OGRID No. 013837 Property Co	de22367	API No. 30-015	5-32243	Lease Type: X	Federal	State _	Fe	e
DATA ELEMENT	UPPEF	ZONE	INTERM	EDIATE ZONE	LC	OWER ZON	NE	
Pool Name	Grayburg Jacks	on SR Q G SA			East Emp	ire Yeso	-	
PoolCode	28509				96610			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2451-3920'				3971-434	2'		
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	3		
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: 10	/31/2005		
estimates and supporting data.)	Rates:		Rates:		Rates: 47	7/59/24		
Fixed Allocation Percentage	oil	Gas	Oil	Gas	oil	Ga	s	
(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 over					•	Yes X Yes X	No No	
Are all produced fluids from all comm	ingled zones com	patible with each	other?			Yes <u>X</u>	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: _				-			
Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt	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 POOL	<u></u>				
If application is	to establish Pre-	Approved Pools, t	he following ac	lditional information w	ill be require	ed:		
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 I	Pools						
I hereby certify that the information	n above is true	and complete to	the best of m	y knowledge and bel	ief			
SIGNATURE Jeny h	! Sheno	OL TITLE Pr	oduction Cle	rk	_DATE_12	2/29/2005		
TYPE OR PRINT NAME Jerry W	. Sherrell		TE	ELEPHONE NO. (_	505) 7	48-1288		

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

TYPE OR PRINT NAME Jerry W. Sherrell

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 Establish Pre-Approved Pools
EXISTING WELLBORE X Yes ___No

APPLICATION FOR DOWNHOLE COMMINGLING

Mack Energy Corporation	P.	O. Box 960, Artesia, NM 8821	1-0960	
Operator	Add			
Schley Federal	13 E-29-17		Eddy	
Lease		Section-Township-Range	County	Γ
OGRID No. 013837 Property Co	API No. 30-013	5-32244 Lease Type: X	Federal State	Fee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZO	NE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso	
PoolCode	28509		96610	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2322-3782'		3900-4197'	
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift	
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)				
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1	
Producing, Shut-In or New Zone	New Zone		Producing	
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:	Date:	Date: 10/31/2005	
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: <u>7/39/16</u>	
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil Ga	ıs
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 over the control of the control o			$\frac{\text{Yes}}{\text{Yes}} \frac{X}{X}$	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?		Yes	No <u>X</u>
If this well is on, or communitized wit or the United States Bureau of Land M			Yes	No
NMOCD Reference Case No. applicab	ole to this well:		<u></u>	
Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt	ngled showing its spacing unit and a r at least one year. (If not available, ory, estimated production rates and or formula. Ity and overriding royalty interests for documents required to support com-	attach explanation.) supporting data. or uncommon interest cases.		
	PRE-APPRO	OVED POOLS		
If application i	s to establish Pre-Approved Pools, t	he following additional information w	vill be required:	
List of other orders approving downloc 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 Come le	Sherrell TITLEPR	oduction Clerk	DATE 12/29/2005	

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

District I 1621 N. French Dri

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

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

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

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		O. Box 960, Artesia, NM 8821	1-0960
Operator	Add		
Schley Federal	15 E-29-17 Well No. Unit Letter-		Eddy
Lease		Section-Township-Range	County
OGRID No. 013837 Property Co	de22367 API No. 30-015	5-32368 Lease Type: X	FederalStateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWERZONE
Pool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
PoolCode	28509		96610
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2364-3822'		3951-4287'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% ofthe depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date:	Date:	Date: 10/31/2005
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 6/33/13
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or	Oil Gas	Oil Gas	oil Gas
explanation will be required.)			
		NAL DATA	Yes X No
Are all working, royalty and overriding If not, have all working, royalty and over the control of the control o	'	T	Yes X No No
Are all produced fluids from all commi	ingled zones compatible with each	other?	YesX No
Will commingling decrease the value of	•		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:		
For zones with no production histo Data to support allocation method Notification list of working, royalt	at least one year. (If not available, ry, 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 information			lief
SIGNATURE Jemy	V. New KITLEPR	oduction Clerk	DATE 12/29/2005
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (_	505) 748-1288

____TELEPHONE NO. (___505___) 748-1288

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

State of New Mexico

Energy, Minerals and Natural Resources Department

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

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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 PE, N.M. 67504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

DMCC

3239 12641 12185

WELL LOCATION AND ACREAGE DEDICATION PLAT

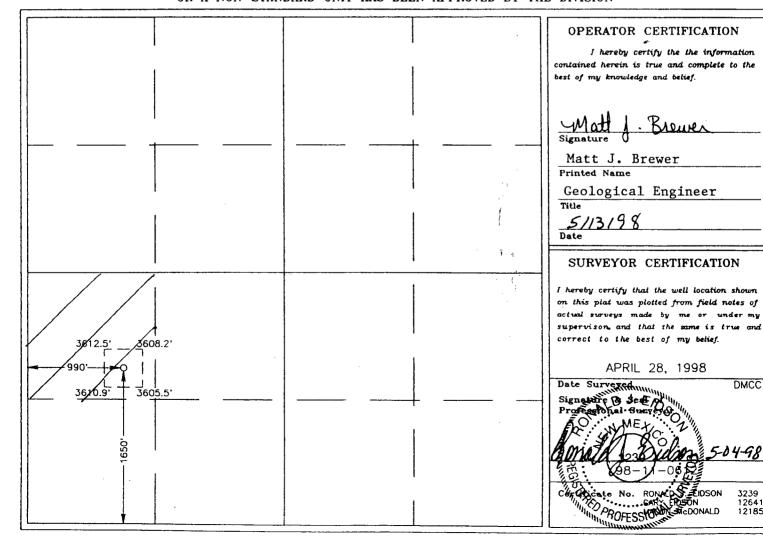
30-0/5-30301	Pool Code 28509	Grayburg Jackson SRQGSA			
Property Code 022367	•	Property Name SCHLEY Federal		Well Number 2	
- OGRID No. 013837	•	Operator Name MACK ENERGY CORPORATION			

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
	& L	29	17 S	29 E		1650	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No. Se	ection Towns	hip Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation	Code Or	der No.		I		.



DISTRICT I P.O. Box 1960, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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DISTRICT IV P.O. BOX 2088, SANTA PE, N.M. 67504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Number			Pool Name	and the second s
	30-015-30301	96610	East Empire Ye	so	
- 1	Property Code	Pro	Property Name		Well Number
	022367	SC	SCHLEY Federal		2
į	OGRID No.	Оре	rator Name		Elevation
	013837	MACK ENERG	ACK ENERGY CORPORATION		3609

Surface Location

[UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	Ø L	29	17 S	29 E		1650	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.				١,
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 CERTIF I hereby certify the is contained herein is true and best of my knowledge and beli
	· · · · · · · · · · · · · · · · · · ·		Matt J. Brewer Printed Name
			Geological Enginate S/13/98 Date SURVEYOR CERTIF
3612.5' 3608.	2'		I hereby certify that the well on this plat was plotted from actual surveys made by m supervison, and that the secorrect to the best of m
3610.9. 3602.	5'		Date Survexeduning Signature & See Processional Surveyor MEX
91			Characte No. RONACO

FICATION

the information complete to the

سلام

neer

FICATION

U location shown m field notes of re or under my ame is true and ry belief.

998

DMCC

CDONALD

3239 12641 12185 AISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980 State of New Mexico

Energy, Minerals and Natural Resources Department

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

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

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

DISTRICT IV P.O. BOX 2008, SANTA PR, 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

1	Number		1	Pool Code			Pool Name			
30-0	। ५ - ३ <u>०</u>	451	966	10		East Empire Yeso				
Property	Code		Property Name					Well Num	ıber	
022367			SCHLEY Federal							
OGRID N	0.			1				1	Elevation	
013837				MACK	ENERGY COR	RPORATION	<u> 9</u>	3616	5'	
			•		Surface Loca	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Rest/West line	County	
L	29	17 S	29 E		2180	SOUTH	430	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 Infill Consolidation Code Order 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 J. Blewer Matt J. Brewer Printed Name
		Geological Engineer Title 5//3/98 Date
3621.0' 3619.6'		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of
3613.5' 3609.3'		actual surveys made by me or under my supervisor, and that the same is true and correct to the best of my belief. MAY 11, 1998
2180,	MAY 3 1998	Professional Burveyors MEX 88-11-061
		Corunta No. RONALD 12641

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

State of New Mexico

Energy, Minerals and Natural Resources Department

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

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DISTRICT III

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

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe. New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

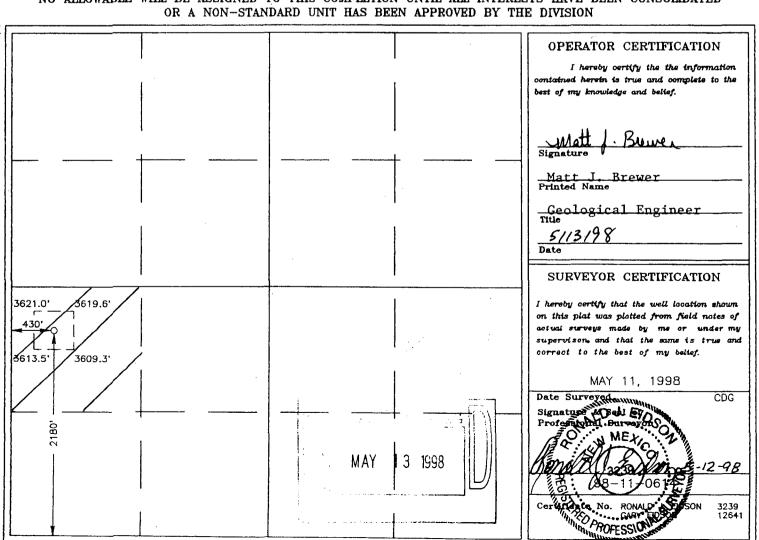
30-0/5-304.	Pool Code 51 28509					
Property Code 022367		Property Name SCHLEY Federal				
OGRID No. 013837	=	retor Name GY CORPORATION	Klevation 3616'			

Surface Location

UL or lot No	. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	29	17 S	29 E		2180	SOUTH	430	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.			1	



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

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

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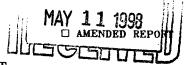
DISTRICT II P.O. Brawer DD, Artesia, NM 88211-0719

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

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

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088



WELL LOCATION AND ACREAGE DEDICATION PLAT--

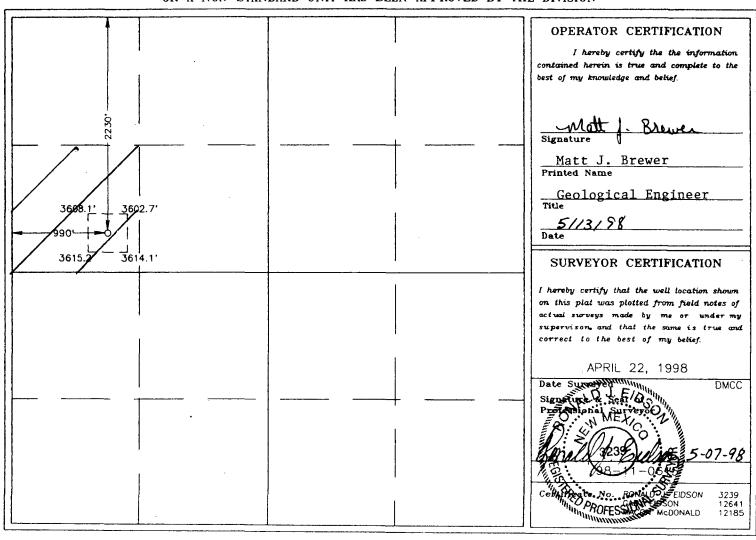
30-0/5-3030 J	Pool Code 28509	Graybury Jackson SRQGSA		
Property Code	•	erty Name	Well Number	
022367		ILEY Federal	. 5	
OGRID No.	-	ator Name	Elevation	
013837	MACK ENERGY	CORPORATION	3612	

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	29	17 S	29 E		2230	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 Infili Co	onsolidation (Code Ore	der No.				



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Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT-----

API Number	Pool Code	Pool No	Ame
30-015-30302	96610	East Empire Yeso	
Property Code	Prop	Well Number	
022367	SCH	LEY Federal	. 5
OGRID No.	Oper	ator Name	Elevation
013837	MACK ENERGY	CORPORATION	3612

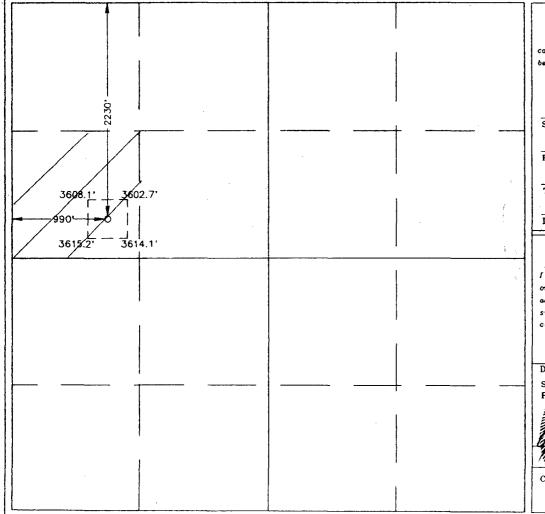
Surface Location

ļ	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
-	Ε	29	17 S	29 E		2230	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 Co	nsolidation (Code Ord	der No.				

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



OPERATOR CERTIFICATION

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

Moth Signature

Matt J. Brewer Printed Name

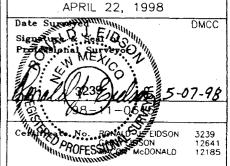
Geological Engineer Title

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 22, 1998



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P.O. Box 2088

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□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

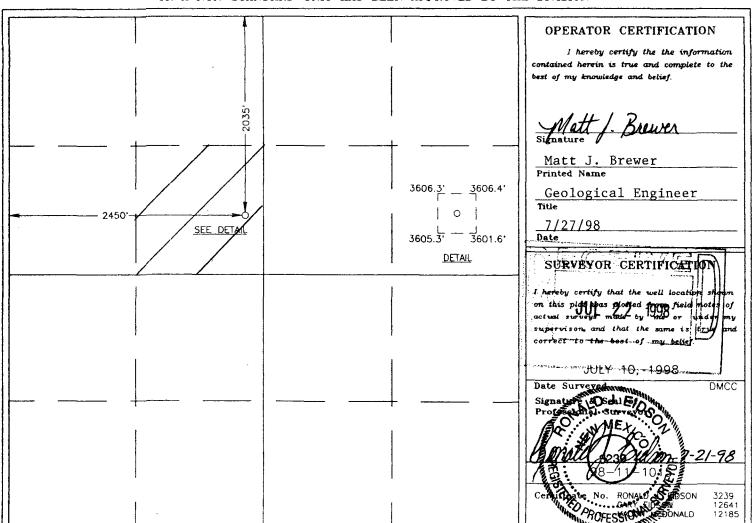
API Number	Pool Code	Pool Name	
30-015-30459	96610	East Empire Yeso	
Property Code	Prop	erty Name	Well Number
022367	SCHLEY	FEDERAL	6
OGRID No.	•	ator Name	Elevation
013837	MACK ENERGY	CORPORATION	3604

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	29	17 S	29 E		2035	NORTH	2450	WEST	EDDY

Bottom Hole Location If Different From Surface

UL c	r lot	No.	S	ection	Townshi	p Ren	ge Lot	Idn	Feet from the	North/South line	Feet from the	East/West line	County
Ded	cated	l Acr	ев	Joint or	Infill	Consolida	tion Code	Or	der No.				
	40					•							



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WELL LOCATION AND ACREAGE DEDICATION PLAT

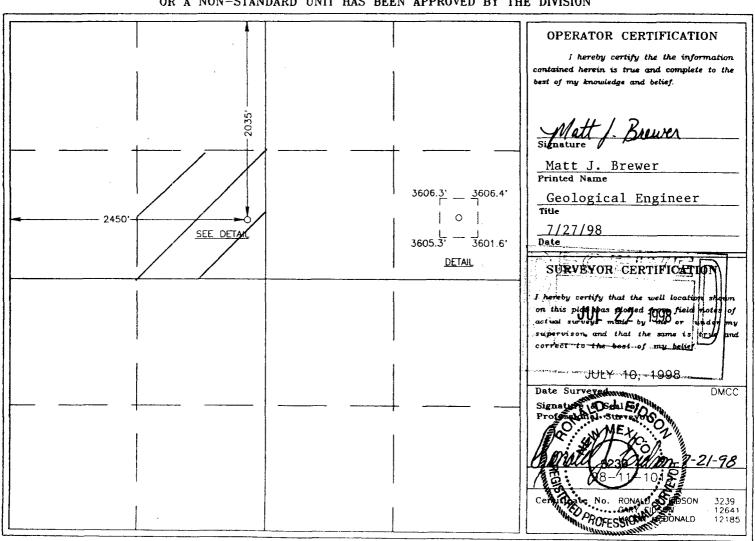
API Number 30-015-30459	Pool Code 28509	Grayburg Jackson S	R Q G 5A
Property Code		perty Name	Well Number
022367		FEDERAL	0
0GRID No. 013837	-	CORPORATION	Elevation 3604

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	29	17 S	29 E		2035	NORTH	2450	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 (ode 0rc	ler No.	1			
40									



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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088:



WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-0/5-36303	Pool Code	Pool Name SR Q G SA
Property Code 022367	Property Name SCHLEY Federal	Well Number 7
022367 0GRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3617

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
	Ε	29	17 S	29 E		1710	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

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

OR A NON-STAN	DARD UNIT HAS BEEN APPROVED BY THE DIVISION
710.	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
3619.1' 3617.1'	Matt J. Brewer Matt J. Brewer Printed Name
SEE DETAIL 3618.2 3614.4 DETAIL	Geological Engineer Title 5//3/98 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.
	Date Surveyed In DMCC Signature & Staffor In Proceedings General Staffor In MEX. MEX. 2-04-98
	Confide are No. RONARD \$ FIDSON 3239 12641 12641 12641 12185

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



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OIL CONSERVATION DIVISION

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WELL LOCATION AND ACREAGE DEDICATION PLAT

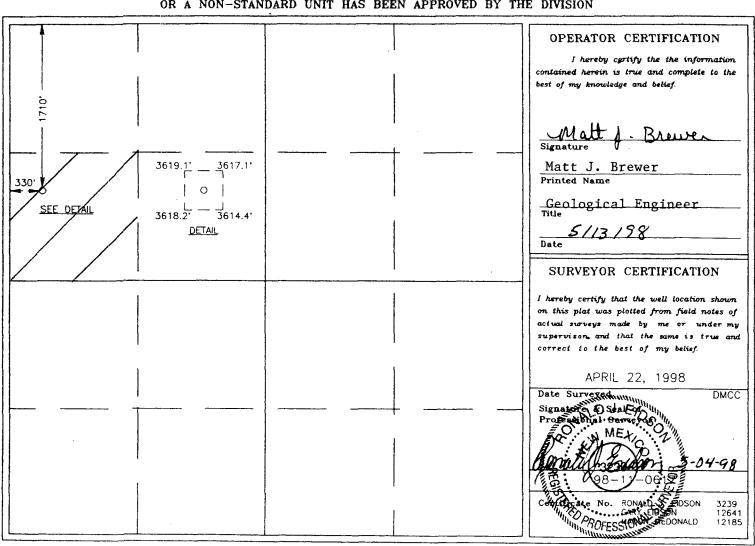
Γ	API Number	Pool Code	Pool N	ame			
	30-015-30303	3 96610	East Empire Yeso	The state of the s	!		
T	Property Code	Prop	Property Name				
	022367	SCH	SCHLEY Federal				
	OGRID No.	•	ator Name	Elevati	ion		
	013837	MACK ENERGY	MACK ENERGY CORPORATION				

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	29	17 S	29 E		1710	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section Towns	ship Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation	Code Or	der No.				
40								



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MAY AMENDED REPORT

Cortanorio No. BONAIS

3239 12641 12185

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-3030	7 28509						
Property Code	Pro	Property Name					
022367	SCH	8					
OGRID No.	Ope	Elevation					
013837	MACK ENERGY	MACK ENERGY CORPORATION					
	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		
F	29	17 S	29 E		1580	NORTH	1650	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		
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County		

1580'	OPERATOR CERTIFICATION I hereby certify the the informatic contained herein is true and complete to best of my knowledge and belief.
3606.6 3603.9	Matt J. Brewer Matt J. Brewer Printed Name Geological Engineer Title \$\frac{5}{13}/98\$ Date SURVEYOR CERTIFICATION
	I hereby certify that the well location sho on this plat was plotted from field notes actual surveys made by me or under supervison, and that the same is true correct to the best of my belief.
	APRIL 22, 1998 Date Suggestion of the Signatural Seat 605 miles Professional Surveyor Of the Profession Surveyor Of the Profession Surveyor Of the Profession Su

LCT I Box 1980, Hobbs, NM 88241-1980

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OIL CONSERVATION DIVISION P.O. Box 2088

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MAY AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Number 30-015-30307		Pool Code	Pool Name				
			96610	East	Empire Yeso			
	Property Code		Prog	Well Number				
	022367		SCH	SCHLEY Federal				
	OGRID No.		Oper		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
F	29	17 S	29 E		1580	NORTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townsh	ip	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County		
	! 						<u> </u>		<u> </u>			
Dedicated Acres	s Joint o	r Infill	Con	solidation (Code 0	rder No.						
40		-			ļ							

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERES OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE	
1580'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
3606.6: 3603.8	Matt J. Brewer Printed Name Geological Engineer Title 5//3/98 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 supervisors and that the same is true and correct to the best of my belief.
	APRIL 22, 1998 Date Surveyed Thinking DMCC Signatural Scale Of Thinking Professional Surveyor Of Thinking Scale Of Thinking Scale Of The Surveyor Of Thinking Scale Of The Surveyor Of Thinking Scale Of The Surveyor Of The
	Corumbia No. SONALO FEDSON 3239 ROFE SOLL MCDONALD 12185

RICT II
Drawer DD, Artesia, NM 88211-0719

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-31988	Pool Code 2850 9	Grayburg Ja	2 G SA	G SA		
Property Code	Property Name SCHLEY FEDERAL					
022367						
OGRID No.	Ор		Elevation			
013837	MACK ENERGY CORPORATION					
	Surf	ace Location				
or lot No Section Township	Range Lot Idn Feet	from the North/South line	Feet from the	East/West line	Co	

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
.L	29	17 S	29 E		1650	SOUTH	490	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
}					ļ					
Dedicated	Acres	Joint of	r Infill Co	nsolidation	Code Ore	der No.			<u> </u>	
40			ļ							

NO ALLOWABLE	WILL BE ASSIGNED TO THIS COM OR A NON-STANDARD UNIT	PLETION UNTIL ALL INTERESTS HAS BEEN APPROVED BY THE DI	
		Sig C Pr. P	/11/2001 te
SEE DETAIL	3614.3' 3600.1' O 3612.8' 3608.1' DETAIL	Dat Sig Pro	SURVEYOR CERTIFICATION Troby certify that the well location shown this plat was plotted from field notes of wal surveys made by me or under my servison and that the same is true and rect to the best of my bolist. JUNE 28,2001 DC Taburage To T

1980. Hobbs. NM 66241-1960

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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API	Number			Pool Code		Pool Name					
	30-01	5-319	88	96610 East Empire Y						Yeso		
	Property	Code				Well Number						
	02236	7	}	SCHLEY FEDERAL								
i	OGRID No. 013837			Operator Name MACK ENERGY CORPORATION						a		
		<u> </u>	<u></u>		······································	Surface Loca	ation		3613			
	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
	. L	29	17 S	29 E		1650	SOUTH	490	WEST	EDDY		

Bottom Hole Location If Different From Surface

									200	dudii ii biii	creme from bar	1400		
T	L or	lot	No.	Section	Townsh	ip	Range	Lot Id	מ	Feet from the	North/South line	Feet from the	East/West line	County
												•		
	Dedicated Acres Joint or Infill Consolidation Cod				Code	Orc	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.
	1 / - / /
	Signature and
	Crissa D. Carter
	Production Analyst
	Title
	7/11/2001 Date
	SURVEYOR CERTIFICATION
3614.3' 3600.1'	I hereby certify that the well location shown on this plat was plotted from field notes of
SEE SETAIL 3612.8' - 3608.1'	scinal surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
3612.8 3608.1 DETAIL	JUNE 28,2001
Jan	Date Surrayed Millilling DC
	Signature & Seel of Professional Surveyor
650'	Bary & 2 (2) 7/2/01
	01-17-07.94
	Cartificati No. RONALD J. FIDSON 3239 CARY EIDSON 12641
	All the taken

STRICT I 2.0. Box 1980, Hobbs, NM 88241-1980

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DISTRICT IV P.O. BOX 2086, SANTA FE, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION 1	PLAT
API Number	Pool Code	F	Pool Name
30-015-32134	96610	East	Empire Yeso
Property Code	Prop	erty Name	Well Number
022367	SCHLEY	FEDERAL	11
OGRID No.	-	ator Name	Elevation
013837	MACK ENERG	Y CORPORATION	3604'

Surface Location

-	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Count y
	F	29	17-S	29-E		2185	NORTH	1650	WEST	EDDY
•						1: Ya Disa				

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.	1	1	.	1

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

2185'	OPERATOR CERTI I hereby certify the contained herein is true and best of my knowledge and be Signature Crissa D. Carte
3606.8 3603.7' 1650' 3602.5'	Printed Name Production Anal Title 10/22/9 Date SURVEYOR CERTI
	I hereby certify that the we on this plat was plotted from actual surveys made by supervison, and that the correct to the best of n
	OCTOBER 16, Date Surveyed
	GARY KIT

FICATION

the information complete to the

yst

FICATION

U location shown m field notes of ne or under my same is true and ry belief.

2001

AWB

EEEDSON 3239 12641

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

30-015-32134	Pool Code 28569 Gro-	Groyburg Jackson SR QG SA			
Property Code 022367	Property Name SCHLEY FEDERA	Well Number			
OGRID No. 013837	Operator Name MACK ENERGY CORPO	RATION Elevation 3604'			

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	29	17-S	29-E		2185	NORTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

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

I hereby certify the the informace contained herein is true and complete to best of my knowledge and belief. Signature Crissa D. Carter Printed Name Production Analyst Tills IV/A/Q Date SURVEYOR CERTIFICATION I hereby certify that the well location at one to the plat was plotted from field note on this plat was plotted from field note of the plat was plated from field note of the plat was plated from field note of the plat was plated from field note of the plated		
contained herein is true and complete to best of my knowledge and belief. Signature Crissa D. Carter Printed Name Production Analyst Title SURVEYOR CERTIFICATION I hereby certify that the well location at on this plat was plotted from faild note actual severy made by me or under supervison, and that the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed and the same is frue correct to the best of my belief.		OPERATOR CERTIFICATION
Signature Crissa D. Carter Printed Name Production Analyst Title 10/21/q Date SURVEYOR CERTIFICATION I hereby certify that the well location at an this plat was plotted from field note actual surveys made by me or unde actual surveys made by me or unde supervision, and that the same is frue correct to the bast of my belief. OCTOBER 16, 2001 Date Surveyed		I hereby certify the the information contained herein is true and complete to the
Crissa D. Carter Printed Name Production Analyst Title 10 3609.5 3602.5 SURVEYOR CERTIFICATION I hereby certify that the well location at on this plat was plotted from fleid note actual surveys made by me or unde supervison, and that the same is true correct to the best of my belief. OCTOBER 16, 2001 Date Surveyson OCTOBER 16, 2001 Date Surveyson A Signature of Fadd ST Professional Surveyson Certificate No. RONALE 12 EBSON: CARN TRIBES	7185,	Cuss Dat
Printed Name Production Analyst Title D Date Surveyor Certification stop that the well location stop that plat was plotted from field note actual surveys made by me or under supervison, and that the same is true correct to the bast of my belief. OCTOBER 16, 2001 Date Surveyor Date Survey		11 ⁻
Title Date SURVEYOR CERTIFICATION I hereby certify that the well location at on this plat was plotted from field note actual surveys made by me or under supervison, and that the same is true correct to the best of my belief. OCTOBER 16, 2001 Date Surveyor A Signature & Sadi St. Professional Surveyor OCTOBER 16, 2001 Date Surveyor A Cortificate No. RONALF I REDSON: CARPY INTERESSON:		
Date SURVEYOR CERTIFICATION I hereby certify that the well location st on this plat was plotted from field note actual surveys made by me or unde supervison, and that the same is true correct to the bast of my belief. OCOBER 16, 2001 Date Surveyed	3603	
Date SURVEYOR CERTIFICATION I hereby certify that the well location st on this plat was plotted from field note actual surveys made by me or unde supervison, and that the same is true correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed		
I hereby certify that the well location of on this plat was plotted from field note actual surveys made by me or unde supervison, and that the same is true correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed	1650'	
on this plat was plotted from field note actual surveys made by me or unde supervison, and that the same is true correct to the best of my belief. OCTOBER 16, 2001 Date Surveyed A Signature & Saal of Professional Surveyor Professional Surveyor On 11/11/14/1	3609.5' 3602.5'	SURVEYOR CERTIFICATION
Date Surveyed. Signature & Soal St. Professional Surveyor Oli 11 141 Certificate No. RONALD LESSON SOARY EDISON		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.
Professional Surveyor (Q1.11/1141) Certificate No. RONALD LESSON CARY ETISON		OCTOBER 16, 2001
I I 'G R' GARY' ETDSGN 1		Date Surveyed Million AWB
I I 'W R' R' ETDS GN 1		(2) No1.11/14/8
		Certificate No. RONALF J. EEDSON 3239 GARY RIBSON 12641



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OIL CONSERVATION DIVISION

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Santa Fe. New Mexico 87504-2088

RICT III 40 Rio Brazos Rd., Aztec, NM 87410

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

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

30-015-32243	28509	Grayburg Jackson	sr QGSA
Property Code 022367	Prop. SCHLEY	Well Number 12	
OGRID No.	Oper	ator Name	Elevation
013837	MACK ENERG	Y CORPORATION	3616'

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
L	29	17-S	29-E		2215	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

						oution in puri	ACES IIOM Dui			
UL or lot No.	Section	Townsh	ip Ran	ge Lot	Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	s Joint	or Infill	Consolida	tion Code	Or	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.
	Jerry W. Sherrell Printed Name
	Production Clerk Title 2/28/2002 Date
3624.1' 3620.9' 990' 3609.7'	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.
2215,	FEBRUARY 19, 2002 Date Surveyed AWB Signature, W Sept of Company Professional Surveyer Company Professional Surveyer 2/20/02
	Certificate No. RONALD EIDSON 3239 CARY EIDSON 12641





State of New Mexico

Energy, Minerals and Natural Resources Department

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O Rio Brazos Rd., Axtec, NM 87410

RICT III

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number	Pool Code	Pool Name East Empire Yeso		
30-015-32243	96610			
Property Code	Propert	Property Name		
022367	SCHLEY	FEDERAL	12	
OGRID No.	•	r Name	Elevation	
013837	MACK ENERGY	CORPORATION	3616'	

Surface Location

1	UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
	L	29	17-S	29-E		2215	SOUTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

			Doctom	HOIC LO	Sacion II Dille	Tene from Jui	racc		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
					<u> </u>				
Dedicated Acres	Joint o	r Infill C	Consolidation (Code Or	der No.				
40									

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

OR A N	ON-STANDARD UNIT HAS	BEEN 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 belief.
			Jerry W. Sherrell Printed Name
			Production Clerk Title 2/28/2002 Date SURVEYOR CERTIFICATION
3624.1' 3620.9' 990' 9609.7'			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.
2215.			Date Surveyed AWB Signature & Seal of Surveyer Charles Surveyer Charles Surveyer 2/20/02
			Certificate No. Ronald & Eldson 3239 CARY Eldson 12841

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DISTRICT IV

DISTRICT III

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

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name		
30-015-32244	96610	East Empire Yes	pire Yeso	
Property Code	Propert	y Name	Well Number	
022367	SCHLEY	FEDERAL	13	
OGRID No.	•	r Name	Elevation	
013837	MACK ENERGY	CORPORATION	3610'	

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	29	17-S	29-E		1525	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 Acre	s Joint o	r Infill Co	nsolidation	Code Ore	der No.				
40									

	ND CIVIL HAS DEEN 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.
3614.1' 3611.0'		Jerry W. Sherrell
3610.2' 3608.1'		Printed Name Production Clerk Title 2/28/2002 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
		FEBRUARY 19, 2002 Date Surveyed J. E. AWB Signature & Scal' of .
		Protessional Side 20/02
		Certificate No: RONALD ZIDSON 3239 12641

State of New Mexico

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1960

Energy, Minerals and Natural Resources Department

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DISTRICT IV

UL or lot No.

40

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East/West line

Feet from the

P.O. Box 2088

Lot Idn

Range

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

Township

Section

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

County

P.O. DOX 2088, SANTA FE, N.M. 87504-2088	WELL LOCATION AND A	CREAGE DEDICATION PLAT	☐ AMENDED REPORT
30-015-32244	Pool Code 28509	Grayburg Jackson SR	DG-5A
Property Code	Proper	Well Number	
022367	SCHLEY	FEDERAL	13
OGRID No.		or Name	Elevation
013837	MACK ENERGY	CORPORATION	3610'

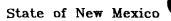
Surface Location

Feet from the

North/South line

E	29	17-S	29-E		1525	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 Acre	s Joint of	r Infill Co	nsolidation (Code Ore	der No.					

	AS BEEN APPROVED BY THE DIVISION
	OPERATOR CERTIFICATION
225.	I haveby certify the the information contained herein is true and complete to the best of my knowledge and belief.
3614.1' 3611.0'	Jan W Sharell
990	Jerry W. Sherrell Printed Name
3610.2' 3608.1'	Production Clerk
	2/28/2002 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 Surveyor J. E. AWB Signature 4. Star of Professional Surveyor
	Monal Billion 2/20/02
	Certificate No: RONALE TEDSON 3239



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

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name			
30-015-32368	96610	East Empire Yeso			
Property Code 022367	Property I SCHLEY FI		Well Number		
OGRID No. 013837	Operator I MACK ENERGY (Elevation 3619'		

Surface Location

ı	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
i	Ε	29	17-S	29-E		2185	NORTH	455	WEST	EDDY

Bottom Hole Location If Different From Surface

			Doublin	MOTO DO					
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 (Code Or	der No.		<u> </u>		
40	L								

	OPERATOR CERTIFICATION
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
1 2182,	Clisic D. Cate Signature
	Crissa D. Carter Printed Name
3620.2' 3617.7'	Production Analyst
4551	6/14/2002 Date
3623.7' 3622.4'	SURVEYOR CERTIFICATION
GEOGRAPHIC COORDINATES SPC NME NAD 1927 Y = 657280.5	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.
X = 570584.6 LAT.= 32'48'24.27"N LONG.= 104'06'12.97"W	JUNE 05, 2002
	JUNE 05, 2002 Date Surveyed
	000011 6 1000 6 10 6 10 2 02.11.0405: 8
	Certificate No. RONALD I EIDSON 3239 GARY EIDSON 12841

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P.O. Box 2088

Santa Fe. New Mexico 87504-2088

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT P.O. BOX 2088, SANTA FE, N.M. 87504-2088

D AMENDED REPORT

30-015-323	68 Pool Code 28509	Grayburg Jackson SR (RESA
Property Code	Propert	y Name	Well Number
022367	SCHLEY	FEDERAL	15
OGRID No.	Operato	or Name	Elevation
013837	MACK ENERGY	CORPORATION	3619

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	1
E	29	17-S	29-E	,	2185	NORTH	455	WEST	EDDY	١

Bottom Hole Location If Different From Surface

			20000111	TOTO DO					
UL or lot No.	Section	Тоwnвһір	Rango	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill C	onsolidation (ode Ore	der No.	<u></u>	<u></u>		
40									

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

	OR A	NON-STANDARD	UNIT HAS	BEEN	APPROVED	BY TE	E DIVISION
		I					OPERATOR CERTIFICATION
		,					I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
5185.				 -			Signature D. Cate
				i			Crissa D. Carter Printed Name
3620.2' 3617.7'							Production Analyst
455				}			6/14/2002 Date
3623.7' 3622.4							SURVEYOR CERTIFICATION
GE	SPC NAD	COORDINATES : NME : 1927 :57280.5					I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me ar under my supervison, and that the same is true and correct to the best of my belief.
	$X = 5$ $LAT. \approx 32$	70584.6 48*24.27*N					
		4*06'12.97"W		-			JUNE 05, 2002 Date Surveyed AWB Signature & Soal of The Professional Surveyor Surv
				1			Sand 6/18/02
							Carting No. RONALD THESON 3239 GARY TURNS 12641