1000ED IN 5/18/06

YPE DHC

jerrys@mackenergycorp.com

e-mail Address

APP NO. p. TDS0613840962

ABOVE THIS LINE FOR DIVISION USE ONLY

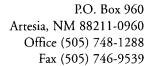
NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -





ADMINISTRATIVE APPLICATION CHECKLIST THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication [A] □ NSL □ NSP □ SD Check One Only for [B] or [C] Commingling - Storage - Measurement M DHC □ CTB □ PLC □ PC □ OLS Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] [D]Other: Specify [21 NOTIFICATION REQUIRED TO: - Check Those Which Apply, or □ Does Not Apply Working, Royalty or Overriding Royalty Interest Owners [A] [B] Offset Operators, Leaseholders or Surface Owner [C] Application is One Which Requires Published Legal Notice [D]Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E]For all of the above, Proof of Notification or Publication is Attached, and/or. [F]Waivers are Attached [31 SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE. CERTIFICATION: I hereby certify that the information submitted with this application for administrative [41 approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division. Note: Statement must be completed by an individual with managerial and/or supervisory capacity. Jerry W. Sherrell **Production Clerk** 5/16/2006 Print or Type Name Title Date





May 16, 2006

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:
White Star Federal #4,5,7,8,9,10,11,12,13,14,15,16,17,20,21,22,23,24,25,26
Section 29, T17S, R29E
Eddy County, New Mexico

COG Operrating LLC as operator of the aforementioned (20) wells respectfully requests administrative approval for down hole commingling and measurement of production.

COG proposes to commingle Grayburg Jackson SR-Q-G-SA and Empire Yeso East production in the White Star Federal wells (NM-14840). Production of both pools will be measured at the White Star Federal TB located in the SE/4 NE/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 GB-SA formations.

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,

COG OPERATING LLC

Jerry W. Sherrell Production Clerk

jerrys@mackenergycorp.com

eny W. Shenell

JWS/ Enclosures

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

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, 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 APPLICATION TYPE

X Single Well

X Establish Pre-Approved Pools

EXISTING WELLBORE

X Yes No

1220 S. St Francis Dr., Santa Fe, NM 87505	APPLICATION FOR DO	WNHOLE COMMINGLING	X Yes No
COG Operating LLC	5:	50 W. Texas, Suite 1300 Midlan	d, TX 79701
Operator	Ado	iress	
White Star Federal	4 G-29-17		Eddy
Lease		Section-Township-Range	County
OGRID No. 229137 Property Co	ode 302585 API No. 30-01:	5-30306 Lease Type: X	FederalFee
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)	1650-3850		3850-4300
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)	690 /5c		337psi
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: 02/2006
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: <u>5/20/4</u>
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil Gas
than current or put production, supporting data or explanation will be required.)	% %	% %	% %
	ADDITIO	NAL DATA	
Are all working, royalty and overriding If not, have all working, royalty and ov			$Y_{es}X$ N_0 N_0
Are all produced fluids from all comm	ingled zones compatible with each	other?	YesX No
Will commingling decrease the value of	of production?		Yes NoX
If this well is on, or communitized with or the United States Bureau of Land M			YesNo
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	ngled showing its spacing unit and a r at least one year. (If not available, ory, estimated production rates and so or formula. y and overriding royalty interests for documents required to support con	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 downhold List of all operators within the propose Proof that all operators within the proposed Bottornhole pressure data.	ed Pre-Approved Pools		
I hereby certify that the information	<i>_</i>		lief
SIGNATURE Jenylu	!Shenall TITLEPT	oduction Clerk	DATE 5/16/2006
TYPE OR PRINT NAME Jerry W	7. Sherrell	TELEPHONE NO. (_	505) 748-1288

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

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

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Oil Conservation Division

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

X Single Well

X Establish Pre-Approved Pools

EXISTING WELLBORE

X Yes No

COG Operating LLC		50 W. Texas, Suite 1300 Midlan	d, TX 79701
Operator White Star Federal	Add 5 G-29-17	Iress 7S-29E	Eddy
Lease		Section-Township-Range	County
OGRID No. 229137 Property Co	de 302585 API No. 30-015	5-30356 Lease Type: X	FederalFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWÉR 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)	1650-3850		3850-4300
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: 2/2006
estimates and supporting data.)	Rates:	Rates:	Rates: 8/34/7
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	oil Gas	Oil Gas	oil Gas
	ADDITIO	NAL DATA	<u> </u>
Are all working, royalty and overriding If not, have all working, royalty and ov	g royalty interests identical in all co	mmingled zones?	Yes X No 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_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:		
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 fo 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	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	on above is true and complete to	the best of my knowledge and be	lief
SIGNATURE Leny	J. Shenell TITLE Pro	oduction Clerk	DATE 5/16/2006
TYPE OR PRINT NAME Jerry W	'. Sherrell	TELEPHONE NO. (505) 748-1288

State of New Mexico Energy, Minerals and Natural Resources Department Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

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

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Oil Conservation Division

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

X Single Well

X Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes No

		<u>.</u>					
COG Operating LLC	55	50 W. Texas, Suite 1300 Midlan	d, TX 79701				
Operator	Add	ress					
White Star Federal	7 D-29-17	Eddy					
Lease	Well No. Unit Letter-	Section-Township-Range	County				
OGRID No. 229137 Property Co	de <u>302585</u> API No. <u>30-015</u>	5-30813 Lease Type: X	FederalStateFee				
DATA ELEMENT	UPPER ZONE	UPPER ZONE INTERMEDIATE ZONE					
Pool Name	Grayburg Jackson SR Q G SA	Grayburg Jackson SR Q G SA					
PoolCode	28509		96610				
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1650-3850		3850-4300				
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: 2/2006				
estimates and supporting data.)	Rates:	Rates:	Rates: <u>5/20/4</u>				
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil Gas				
than current or put production, supporting data or explanation will be required.)	% %	% %	% %				
	ADDITIO	NAL DATA					
Are all working, royalty and overriding If not, have all working, royalty and ov			YesX No YesX No				
Are all produced fluids from all commi	ngled zones compatible with each of	other?	YesX No				
Will commingling decrease the value of	f 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:						
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	vill be required:				
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools	••					
I hereby certify that the informatio	n above is true and complete to	the best of my knowledge and be	lief				
SIGNATURE Jeny h	! Shendl TITLE Pro	oduction Clerk	DATE 5/16/2006				
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (_	505) 748-1288				

District I

State of New Mexico

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

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

<u>District IV</u>

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 $\begin{array}{cc} \underline{X} & \text{Single Well} \\ \underline{X} & \text{Establish Pre-Approved Pools} \end{array}$ **EXISTING WELLBORE** X Yes ___No

COG Operating LLC		50 W. Texas, Suite 1300 Midlan	d, TX 79701			
Operator	Ado	dress				
White Star Federal	8 C-29-17S-29E Eddy					
Lease	Well No. Unit Letter-	Section-Township-Range	County			
OGRID No. 229137 Property Co	de <u>302585</u> API No. <u>30-01</u>	5-30707 Lease Type: X	FederalStateFee			
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)	1650-3850		3850-4300			
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: 2/2006			
estimates and supporting data.)	Rates:	Rates:	Rates: 10/41/29			
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil Gas			
than current or put production, supporting data or explanation will be required.)	% %	% %	% %			
	ADDITIO	NAL DATA				
Are all working, royalty and overriding If 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?	YesX No YesX No			
Are all produced fluids from all comm	ingled zones compatible with each	other?	Yes X No			
Will commingling decrease the value of	of production?		Yes No_X			
If this well is on, or communitized with or the United States Bureau of Land M			Yes No			
NMOCD Reference Case No. applicab	le to this well:					
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. by and overriding royalty interests for documents required to support con	, 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 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	on above is true and complete to	the best of my knowledge and be	lief			
SIGNATURE Jeny h	! Shenell TITLEPT	oduction Clerk	DATE 5/16/2006			
TYPE OR PRINT NAME Jerry W	7. Sherrell	TELEPHONE NO. (_	505) 748-1288			

State of New Mexico Energy, Minerals and Natural Resources Department Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

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

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Oil Conservation Division

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

X Single Well

X Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes No

COG Operating LLC	5:	50 W. Texas, Suite 1300 Midlan	d, TX 79701			
Operator	Ado	dress				
White Star Federal	9 B-29-17		Eddy			
Lease	Well No. Unit Letter-	Section-Township-Range	County			
OGRID No. 229137 Property Co	de <u>302585</u> API No. <u>30-01</u>	5-30694 Lease Type: X	FederalFee			
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)	1650-3850		3850-4300			
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: 2/2006			
estimates and supporting data.)	Rates:	Rates:	Rates: <u>6/27/5</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	oil Gas			
explanation will be required.)	ADDUTIO	NAL DATA	1.47.46			
	ADDITIO	NAL DATA	V			
Are all working, royalty and overriding If not, have all working, royalty and ov			$\frac{\text{Yes }X}{\text{Yes }X}$ No No No			
Are all produced fluids from all commi	ingled zones compatible with each	other?	YesX No			
Will commingling decrease the value of	of production?		Yes No_X			
If this well is on, or communitized witl 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	r at least one year. (If not available, ory, estimated production rates and	, attach explanation.) supporting data. or uncommon interest cases.				
	PRE-APPR	OVED POOLS				
If application is	s to establish Pre-Approved Pools,	the 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 Jeny h	! Shenell TITLE Pr	oduction Clerk	DATE 5/16/2006			
TYPE OR PRINT NAMEJerry 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

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

 $\frac{\text{APPLICATION TYPE}}{\underline{X} \quad \text{Single Well}} \\ \underline{X} \quad \text{Establish Pre-Approved Pools}$ EXISTING WELLBORE X Yes ___No

COG Operating LLC		50 W. Texas, Suite 1300 Midlan	d, TX 79701
Operator White Star Federal	Add 10 A-29-17		E44
Lease		Section-Township-Range	Eddy County
OGRID No. 229137 Property Co	ode 302585 API No. 30-015	5-30697 Lease Type: X	FederalStateFee
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)	1650-3850		3850-4300
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: 2/2006
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: 9/37/8
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
<u> </u>	ADDITIO	NAL DATA	<u></u>
Are all working, royalty and overriding If not, have all working, royalty and ov	g royalty interests identical in all cor	mmingled zones?	Yes X NoNo
Are all produced fluids from all commi			YesX No
Will commingling decrease the value of	of production?		Yes No_X
If this well is on, or communitized with or the United States Bureau of Land M			Yes No
NMOCD Reference Case No. applicab	le to this well:		
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 as r at least one year. (If not available, rry, 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:
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	on above is true and complete to	the best of my knowledge and be	lief
SIGNATURE Jemyl	! Shenell TITLE Pro	oduction Clerk	DATE 5/16/2006
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

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

COG Operating LLC		55 Add		as, Suite 1300 N	Midland	d, TX 79701		
White Star Federal	11	D-29-17					Eddy	
Lease	Well No.	Unit Letter-S	Section-Town	ship-Range		(County	
OGRID No. 229137 Property Co	de <u>302585</u> API	I No. <u>30-015</u>	-30927	Lease Ty	pe: <u>X</u>	Federal	State	_Fee
DATA ELEMENT	UPPER ZO	ONE	INTER	RMEDIATE ZO	NE	LOWE	R ZONE	
Pool Name	Grayburg Jackson S	R Q G SA				East Empire Y	eso	
PoolCode	28509					96610		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1650-3850					3850-4300		
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: 2/2006		
estimates and supporting data.)	Rates:		Rates:			Rates: <u>7/30/6</u>		
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil	Gas	Oil	Gas		oil	Gas	
than current or put production, supporting data or explanation will be required.)	%	%		υ/ ₀	%	%		%
to the second se		ADDITIO	NAL DAT	<u>A</u>		<u> </u>		
Are all working, royalty and overriding if not, have all working, royalty and over the control of the control o	groyalty interests iden cerriding royalty intere	tical in all co	mmingled zo en notified b	ones? y certified mail?		$\frac{Yes}{Yes}$	No No)
Are all produced fluids from all comm	ingled zones compatib	le with each	other?			Yes X	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					nds	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 history Data to support allocation method Notification list of working, royalt Any additional statements, data or	at least one year. (If pry, estimated production formula. y and overriding royal	not available, on rates and s Ity interests fo	attach expla supporting de or uncommon	unation.) ata.				
	<u>P</u>	RE-APPRO	OVED PO	<u>OLS</u>				
If application is	s to establish Pre-Appr	roved Pools, t	he following	g additional inform	nation w	ill be required:		
List of other orders approving downlood List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pool	s			n.			

I hereby certify that the information above is true and complete to the best of SIGNATURE Sternel TITLE Production	f my knowledge and bel	ief
SIGNATURE Jeny W. Shenall TITLE Production	Clerk	DATE 5/16/2006
TYPE OR PRINT NAME Jerry W. Sherrell	_TELEPHONE NO. (
E-MAIL ADDRESS jerrys@mackenergycorp.com	_	

District I

District 11

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

District IV

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 Ves No

Form C-107A

Revised June 10, 2003

OG Operating LLC erator hite Star Federal ase GRID No. 229137 Property C DATA ELEMENT	Add 12 C-29-17 Well No. Unit Letter-	50 W. Texas, Suite 1300 Midla dress 7S-29E Section-Township-Range 5-30928 Lease Type:	Eddy County
Chite Star Federal ase GRID No. 229137 Property C	12 C-29-17 Well No. Unit Letter- ode 302585 API No. 30-015	7S-29E Section-Township-Range	County
GRID No. <u>229137</u> Property C	Well No. Unit Letter- ode 302585 API No. 30-015	Section-Township-Range	County
GRID No. 229137 Property C	ode <u>302585</u> API No. <u>30-015</u>		·
		5-30928 Lease Type: X	
DATA ELEMENT	UPPER ZONE		Federal State Federal
		INTERMEDIATE ZONE	LOWER ZONE
ool Name	Grayburg Jackson SR Q G SA		East Empire Yeso
PoolCode	28509		96610
Op and Bottom of Pay Section Perforated or Open-Hole Interval)	1650-3850		3850-4300
Method of Production Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure Vote: Pressure data will not be required ifthe bottom erforation in the lower zone is within 150% ofthe epth of the top perforation in the upper zone)			
Dil Gravity or Gas BTU Degree API or Gas BTU)	38.1		38.1
roducing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of	f		
LAST Production. Note: For new zones with no production history, pplicant shall be required to attach production	Date:	Date:	Date: 2/2006
stimates and supporting data.)	Rates:	Rates:	Rates: <u>6/23/5</u>
Fixed Allocation Percentage Note: If allocation is based upon something other	oil Gas	Oil Gas	0il Gas
vote: It and attor is based upon something outer tan current or put production, supporting data or explanation will be required.)	% %	% %	%
	ADDITIO	NAL DATA	
	ng royalty interests identical in all converriding royalty interest owners be		$\frac{\text{Yes }X}{\text{Yes }X}$ No No
	ningled zones compatible with each	·	YesX No
ill commingling decrease the value	of production?		Yes No <u>X</u>
	th, state or federal lands, has either t Management been notified in writing		Yes No
	ble to this well:	••	
Production curve for each zone for For zones with no production hist Data to support allocation method Notification list of working, royal	ingled showing its spacing unit and a or at least one year. (If not available, ory, estimated production rates and s d or formula. Ity and overriding royalty interests for r documents required to support com	attach explanation.) supporting data. or uncommon interest cases.	
	PRE-APPRO	OVED POOLS	
If application	is to establish Pre-Approved Pools, t	the following additional information	will be required:

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottornhole pressure data.

nereby certify that the information above is true and complete	to the best of my knowledge and belief
hereby certify that the information above is true and complete SIGNATURE	Production Clerk DATE 5/16/20
TYPE OR PRINT NAME Jerry W. Sherrell	
YPE OR PRINT NAME JETTY W. SHETTER	TELEPHONE NO. (505) 748-12

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

State of New Mexico

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

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

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 $\frac{\text{APPLICATION TYPE}}{\underline{X}} \underbrace{\text{Single Well}}_{\text{Establish Pre-Approved Pools}}$ EXISTING WELLBORE X Yes No

COG Operating LLC		50 W. Texas, Suite 1300 Midland	d, TX 79701
Operator White Star Federal	13 B-29-17	dress	Eddy
Lease Lease		Section-Township-Range	County
OGRID No. 229137 Property Co	ode 302585 API No. 30-01:	5-30929 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)	1650-3850		3850-4300
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: 2/2006 Rates: 8/34/7
Disad Allegain Desagna	oil Gas	Oil Gas	Oil Gas
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	% %	% %	% %
AND ADDRESS OF THE PARTY OF THE	ADDITIO	NAL DATA	
Are all working, royalty and overriding If not, have all working, royalty and over	g royalty interests identical in all co	ommingled zones?	Yes X No No
Are all produced fluids from all comm			YesX No
Will commingling decrease the value of	of production?		Yes No_X
If this well is on, or communitized with or the United States Bureau of Land M			Yes No
NMOCD Reference Case No. applicab	le to this well:		
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. ty and overriding royalty interests for documents required to support con	, attach explanation.) supporting data. or uncommon interest cases.	
	PRE-APPR	OVED POOLS	
If application is	s to establish Pre-Approved Pools,	the following additional information w	ill be required:
List of other orders approving downloc 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	on above is true and complete to	the best of my knowledge and be	lief
SIGNATURE Juny W.	Shenell TITLEPT	oduction Clerk	DATE 5/16/2006
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

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

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

COG Operating LLC		55	0 W. Texas	s, Suite 1300 Mic	llano	i, TX 79701	1		_
Operator		Add	ress						
White Star Federal	14	A-29-17				Eddy			
Lease	Well No.		Section-Townsl				County		
OGRID No. 229137 Property Co	de <u>302585</u> API	I No. <u>30-015</u>	-30931	Lease Type:	<u>X</u>	Federal	State	F	ee
DATA ELEMENT	UPPER ZO	DNE	INTÉR	MEDIATE ZONI	E	LO	WER ZO	NE	
Pool Name	Grayburg Jackson S	R Q G SA				East Empir	e Yeso		
PoolCode	28509			- Annua		96610			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1650-3850					3850-4300			
Method of Production (Flowing or Artificial Lift)	Artificial Lift					Artificial L	.ift		
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. (Vote: For new zones with no production history, applicant shall be required to attach production	Date:		Date:		_	Date: <u>2/20</u>)06		•
estimates and supporting data.)	Rates:		Rates:			Rates: 10/-	44/9		
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil	Gas	Oil	Gas		oil	Ga	as	
than current or put production, supporting data or explanation will be required.)	%	%		%	%		%		%
		ADDITIO	NAL DATA	1					
Are all working, royalty and overriding If not, have all working, royalty and ov						Ye Ye	es X	No	
Are all produced fluids from all commi						Ye	es <u>X</u>	No	
Will commingling decrease the value of	of production?					Ye	es	No <u>X</u>	
If this well is on, or communitized with or the United States Bureau of Land M					3	Ye	es	. 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	r at least one year. (If r ory, estimated production or formula. y and overriding royal	not available, on rates and s ty interests fo	attach explanupporting dat r uncommon	ation.) a.					
	<u>P</u>	RE-APPRO	OVED POO	LS					
If application is	s to establish Pre-Appr	roved Pools, t	he following	additional information	on w	ill be required	l:		
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	s							
I hereby certify that the information	. 1	complete to	the best of r	ny knowledge and	d bel	ief			
SIGNATURE Jerry W.	Sherell	TITLEPro	oduction Cl	erk		_DATE <u>5/1</u>	6/2006		
TYPE OR PRINT NAME Jerry W	'. Sherrell		ΤΤ	ELEPHONE NO.	. (505) 74	8-1288		

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

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 FOR DOWNHOLE COMMINGLING

APPLICATION TYPE

X Single Well

X Establish Pre-Approved Pools

EXISTING WELLBORE

X Yes No

COG Operating LLC	5	50 W. Texas, Suite 1300 Midl	and, TX 7	9701		
Operator		dress				
White Star Federal Lease	15 D-29-17S-29E Well No. Unit Letter-Section-Township-Range			Eddy County	<u>'</u>	
OGRID No. 229137 Property Co			X_Feder	•	Fee	
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE		LOWERZO	ONE	
Pool Name	Grayburg Jackson SR Q G SA		East E	East Empire Yeso		
PoolCode	28509		96610			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1650-3850		3850-4	1300		
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure (Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Artificial Lift		Artific	ial Lift		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1			
Producing, Shut-In or New Zone	New Zone		Produ	cing		
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:		2/2006 : 19/81/16		
Fixed Allocation Percentage	oil Gas	Oil Gas	oil	G	as	
(Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	% %	%	%	%	%	
	ADDITIO	NAL DATA				
Are all working, royalty and overriding If not, have all working, royalty and ov		· ·		Yes X Yes X	No	
Are all produced fluids from all commi				YesX	No	
Will commingling decrease the value of	of production?			Yes	No.X	
If this well is on, or communitized with or the United States Bureau of Land M				Yes		
NMOCD Reference Case No. applicab	le to this well:		···			
Attachments: C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.						
	PRE-APPR	OVED POOLS			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
If application is	s to establish Pre-Approved Pools,	the following additional information	will be rec	juired:		
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	on above is true and complete to	-		E 5/16/2006		
TYPE OR PRINT NAME Jerry W	. DITCHEIL	TELEPHONE NO. (303	<u>) 748-1288 </u>		

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 Q

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

COG Operating LLC	5	550 W. Texas, Suite 1300 Midlan	d, TX 79701				
Operator	erator Address						
White Star Federal	16 G-29-1	Eddy					
Lease	Well No. Unit Letter-Section-Township-Range County						
OGRID No. 229137 Property Co	ode 302585 API No. 30-01	5-31890 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)	1650-3850		3850-4300				
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: 2/2006 Rates: 5/20/4				
Fixed Allegation Descents as	oil Gas	Oil Gas	oil Gas				
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	% · %		% % %				
	ADDITIC	ONAL DATA					
Are all working, royalty and overriding	g royalty interests identical in all co	ommingled zones?	Yes X No_				
If not, have all working, royalty and ov			Yes X No				
Are all produced fluids from all comm	•	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:						
Attachments: C- 1 02 for each zone to be commin Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt Any additional statements, data or	r at least one year. (If not available ory, estimated production rates and or formula. y and overriding royalty interests t	e, attach explanation.) supporting data. for uncommon interest cases.					
	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	on above is true and complete to	o the best of my knowledge and be	lief				
SIGNATURE Jeny le	! Shenell TITLEP	roduction Clerk	DATE 5/16/2006				
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,

District IV

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

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

Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

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

X Yes ____No

COG Operating LLC	5:	50 W. Texas, Suite 1300 Midland	d, TX 79701			
Operator	Add	Iress				
White Star Federal	17 G-29-17		Eddy			
Lease		Section-Township-Range	County			
OGRID No. 229137 Property Co	ode 302585 API No. 30-015	5-31893 Lease Type: X	FederalStateFee			
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)	1650-3850		3850-4300			
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: 2/2006 Rates: 13/57/11			
common and supporting union,	Rates.	Rates:	Rates. 15/57/11			
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 ov			Yes X No			
Are all produced fluids from all commi	ingled zones compatible with each	other?	YesX No			
Will commingling decrease the value of	of production?		Yes NoX			
If this well is on, or communitized with or the United States Bureau of Land M			Yes No			
NMOCD Reference Case No. applicab	le to this well:					
Attachments: C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.						
PRE-APPROVED POOLS						
If application is	s to establish Pre-Approved Pools, t	the following additional information w	ill be required:			
List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottornhole pressure data.						
I hereby certify that the information		·				
SIGNATURE Jeny W.	Shendl TITLEPR	oduction Clerk	DATE_5/16/2006			
TYPE OR PRINT NAME Jerry W	7. 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

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

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Oil Conservation Division

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

X	_Establish Pr	e-Appro	ved Pools
	EXIST	NG WE	LLBORE
	$\underline{\mathbf{X}}$	Yes _	No

COG Operating LLC	550 W. Texas, Suite 1300 Midland, TX 79701					
Operator	Address					
White Star Federal Lease	20 A-29-17 Well No. Unit Letter-	Eddy County				
	5 Delice :	•				
OGRID No. 229137 Property Co	de302383 API No. 30-013	5-32247 Lease Type: X	FederalStateFee			
DATA ELEMENT	UPPER 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)	1650-3850	·	3850-4300			
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: 2/2006			
estimates and supporting data.)	Rates:	Rates:	Rates: 4/17/3			
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil Gas			
than current or put production, supporting data or explanation will be required.)	% %	% %	% %			
	ADDITIO	NAL DATA				
	-		vY Na			
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 commi	ingled zones compatible with each of	other?	YesX No			
Will commingling decrease the value of	f production?		$Yes _{No} X$			
If this well is on, or communitized with or the United States Bureau of Land M			Yes No			
NMOCD Reference Case No. applicab	le to this well:					
Attachments: C- 1 02 for each zone to be 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, t	he following additional information w	ill be required:			
List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottornhole pressure data.						
I hereby certify that the information			lief			
SIGNATURE Jerry U	Shenell TITLE Pr	oduction Clerk	DATE <u>5/16/2006</u>			
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (_	505) 748-1288			

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-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

A Single Wel
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes X No
Yes A No

COG Operating LLC	55	50 W. Texas, Suite 1300 Midlan	ıd, TX 79701	
White Star Federal	21 B-29-17 Well No. Unit Letter-	Eddy County		
OGRID No. 229137 Property Co			FederalFee	
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)	1650-3850		3850-4300	
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure	Artificial Lift		Artificial Lift	
(Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)				
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.1		38.1	
Producing, Shut-In or New Zone	New Zone		New Zone	
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:	Date:	Date:	
estimates and supporting data.)	Rates:	Rates:	Rates:	
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or explanation will be required.)	oil Gas	Oil Gas	oil Gas	
	ADDITIO	NAL DATA		
Are all working, royalty and overriding f not, have all working, royalty and ov			Yes X No No No	
Are all produced fluids from all commi	ngled zones compatible with each	other?	YesX 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			Yes No	
NMOCD Reference Case No. applicab	le to this well:	, , , , , , , , , , , , , , , , , , , ,		
Attachments: C- 1 02 for each zone to be commin Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt Any additional statements, data or	at least one year. (If not available, ry, estimated production rates and sor formula. y and overriding royalty interests for	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:	
List of other orders approving downho List of all operators within the propose Proof that all operators within the prop Bottornhole pressure data.	ed Pre-Approved Pools	••		
I hereby certify that the information	n above is true and complete to	the best of my knowledge and be	lief	
SIGNATURE Jeny L	1. Shenell TITLEPT	oduction Clerk	DATE 5/16/2006	
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

1301 W. Grand Avenue, Artesia, NM 88210

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

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

District IV

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 W	ell
X	_Establish Pr	e-App	proved Po	ols
	EXISTI	NG V	VELLBO	RE
	X	Ye:	sNo	

COG Operating LLC	550 W. Texas, Suite 1300 Midland, TX 79701						
White Star Federal	22 A	Addr 4- 29-17:			E.1.1.		
Lease			ection-Township-	Range	Eddy County		
OGRID No. 229137 Property Co		30-015	•	_ Lease Type: X	_Federal	Stat	teFee
DATA ELEMENT	UPPER ZONE	Ĩ	INTERME	DIATE ZONE	L	OWER Z	ZONE
Pool Name	Grayburg Jackson SR Q	G SA			East Emp	oire Yeso)
PoolCode	28509				96610		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1650-3850				3850-430)0	
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				Producin	ıg	
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date:		Date:		Date: <u>2/</u>		 -
estimates and supporting data.)	Rates:		Rates:	·	Rates: 1	5/64/12	
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
	AD	DITION	AL DATA				
Are all working, royalty and overriding If not, have all working, royalty and ov						YesX YesX	No No
Are all produced fluids from all commi	ingled zones compatible wi	ith each o	ther?			YesX	No
Will commingling decrease the value of	of production?					Yes	NoX
If this well is on, or communitized with or the United States Bureau of Land M						Yes	No
NMOCD Reference Case No. applicab	le to this well:						
Attachments: C- 1 02 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.							
	PRE-	APPRO	VED POOLS				
If application is	s to establish Pre-Approved	l Pools, th	e following add	itional information w	ill be requir	red:	
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	1 /1 /2			_	ief		
SIGNATURE /engh	I Shenelf TI	ITLE <u>Pro</u>	duction Clerk		_DATE_5/	/16/2006	1
TYPE OR PRINT NAME Jerry W	. Sherrell		TEL	EPHONE NO. (505) 7	748-1288	3

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

State of New Mexico

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

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

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

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

COG Operating LLC	5	50 W. Texas, Suite 1300 Midland	d, TX 79701				
Operator	Address						
White Star Federal	23 C-29-17	Eddy					
Lease	Well No. Unit Letter-	County .					
OGRID No. 229137 Property Co	de 302585 API No. 30-01:	5-32356 Lease Type: X	FederalStateFee				
DATA ELEMENT	UPPER 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)	1650-3850		3850-4300				
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: 2/2006				
estimates and supporting data.)	Rates:	Rates:	Rates: 4/17/3				
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil Gas				
than current or put production, supporting data or explanation will be required.)	% %	% %	% %				
La contraction de la contracti	ADDITIO	NAL DATA					
Are all working, royalty and overriding If not, have all working, royalty and ov			Yes X No 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_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-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 downloc 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	on above is true and complete to	the best of my knowledge and be	lief				
SIGNATURE Jerry W	! Shend TITLEPI	roduction Clerk	DATE_5/16/2006				
TYPE OR PRINT NAME Jerry W	/. Sherrell	TELEPHONE NO. (_	505) 748-1288				

Form C-107A Revised June 10, 2003

District 11

1301 W. Grand Avenue, Artesia, NM 88210

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

District IV

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

E-MAIL ADDRESS jerrys@mackenergycorp.com

Energy, Minerals and Natural Resources Department

Oil Conservation Division

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

APPLICATION TYPE **EXISTING WELLBORE** X Yes ___No

APPLICATION FOR DOWNHOLE COMMINGLING

COG Operating LLC Operator				s, Suite 1300 Midlar	nd, TX 7970)1	
White Star Federal	Address 24 D-29-17S-29E			Eddy	,		
ease	Well No. Unit Letter-Section-Township-Range			County			
OGRID No. 229137 Property Co	de <u>302585</u>	API No. 30-01:	5-32339	Lease Type: X	Federal	State	Fee
DATA ELEMENT	UPPER	ZONE	INTER	MEDIATE ZONE	LC	OWER ZO	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)	1650-3850				3850-430	0	
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			, ada a	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: 2/2	2006	
applicant shall be required to attach production estimates and supporting data.)	Rates:		Rates:		Rates: 6/	23/3	
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or put production, supporting data or	oil %	Gas %	Oil	Gas	oil	G %	as
explanation will be required.)	<u> </u>						
Are all working, royalty and overriding	ravalty interacte		NAL DATA	_	,	_{res} X	No
f not, have all working, royalty and ov					•	Yes X	No
Are all produced fluids from all commi	ngled zones comp	oatible with each	other?		,	res <u>X</u>	
Will commingling decrease the value of	f production?				`	res	No X
f this well is on, or communitized with or the United States Bureau of Land Ma	•				•	Yes	_ No
NMOCD Reference Case No. applicable	le to this well:						
Attachments: C- 1 02 for each zone to be commin Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalty Any additional statements, data or	at least one year. ry, estimated prod or formula. y and overriding r	(If not available, luction rates and s oyalty interests for	attach explaisupporting da	nation.) ta.			
		PRE-APPRO	OVED POO	<u>DLS</u>			
If application is	to establish Pre-	Approved Pools, t	he following	additional information v	will 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.	d Pre-Approved F	Pools	••				
I hereby certify that the information	n above is true	and complete to	the best of	my knowledge and be	elief		
SIGNATURE Jeny W.	Shend	L TITLE Pr	oduction C	lerk	DATE <u>5/</u>	16/2006	
TYPE OR PRINT NAME Jerry W	. Sherrell		-	TELEPHONE NO. (_	505) 7	48-1288	

_____TELEPHONE NO. (<u>505</u>) 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

COG Operating LLC	550 W. Texas, Suite 1300 Midland, TX 79701					
Operator	Address					
White Star Federal	25 C-29-17 Well No. Unit Letter-	Eddy County				
		Section-Township-Range	•			
OGRID No. 229137 Property Co	de 302585 API No. 30-015	5-32509 Lease Type: X	FederalStateFee			
DATA ELEMENT	UPPER 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)	1650-3850		3850-4300			
Method of Production (Flowing or Artificial Lift) Bottomhole Pressure	Artificial Lift		Artificial Lift			
(Note: Pressure data will not be required ifthe bottom perforation in the lower zone is within 150% 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: 2/2006			
estimates and supporting data.)	Rates:	Rates:	Rates: 6/23/3			
Fixed Allocation Percentage (Note: If allocation is based upon something other	oil Gas	Oil Gas	oil Gas			
than current or put production, supporting data or explanation will be required.)	% %	% %	% %			
	ADDITIO	NAL DATA				
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 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:		<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, 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 information	. 11 .	•				
SIGNATURE Jeny W.	Shevell TITLEPT	oduction Clerk	DATE_5/16/2006			
TYPE OR PRINT NAME Jerry W	7. Sherrell	TELEPHONE NO. (_	505) 748-1288			

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-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

COG Operating LLC		50 W. Texas, Suite 1300 Midlan	d, TX 79701
Operator White Star Federal	Add 26 D-29-1	dress 78-20F	Eddy
Lease		Section-Township-Range	County
OGRID No. 229137 Property Co	de 302585 API No. 30-01	5-32531 Lease Type: X	FederalFee
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)	1650-3850		3850-4300
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: 2/2006
applicant shall be required to attach production estimates and supporting data.)	Rates:	Rates:	Rates: <u>5/20/4</u>
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.)	% %	% %	% %
	<u>ADDITIO</u>	NAL DATA	
Are all working, royalty and overriding If not, have all working, royalty and ov			Yes X No Yes X No
Are all produced fluids from all commi	ingled zones compatible with each	other?	YesX No
Will commingling decrease the value of	•		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 commir Production curve for each zone for For zones with no production histo Data to support allocation method Notification list of working, royalt Any additional statements, data or	at least one year. (If not available ry, estimated production rates and or formula. y and overriding royalty interests f	, attach explanation.) supporting data. or uncommon interest cases.	
	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 Jerry U	L. Shenell TITLEPI	oduction Clerk	DATE 5/16/2006
TYPE OR PRINT NAME Jerry W	. Sherrell	TELEPHONE NO. (505) 748-1288

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

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

Submit to Appropriate District Office

_State Lease - 4 Copies Fee Lease - 3 Copies

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

DISTRICT III 1000 Rio Brazos Rd., Aztec. NM 67410

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

P.O. Box 2088 Santa Fe, New Mexico 87504-2086 MAY 11 1998

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION-PLAT-----

Dedicated Acre	s Joint o	r Infill Co	nsolidation	Code Ore	der No.				l	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
			Bottom	Hole Loc	cation If Diffe	rent From Sur	face		·	
G	29	17 S	29 E		2230	NORTH	1650	EAST	EDD'	
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	East/West line	County		
					Surface Loca	ation				
2291	37	<u> </u>	·	000	5 Opera	Operating hhC				
OGRID N			Operator Name						Elevation	
30.	2585		WHITESTAR FEDERAL					4		
Property	Code							Well Num	aber	
			96610)	• (Gray burg Jackson SR-Q-G-S Well Number				
API	Number			Pool Code		Pool Name				

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

· · · · · · · · · · · · · · · · · · ·	OR A NON-STANI	DARD UNIT HAS BEEN APPR	OVED 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.
			Matt J. Brower
		3591.7' 3588.4'	Matt J. Brewer Printed Name Geological Engineer Title 5//3/98 Date
		3587.5' 3587.2'	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 betief.
			Date Surveyed DMCC Signature & Seal Surveyand Processmal Surveyand
			Confidence No. RONALO E EIDSON 3239 CARY CHESON 12641 MINING PROFESSION 12185

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

State Lease - 4 Copies

Ree Lease - 3 Copies Submit to Appropriate District Office

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

OIL CONSERVATION DIVISION

DISTRICT IV P.O. BOX 2088, SANTA	d., Aztec, Ni . FE, N.W. 875	504-2088		Santa F	P.O. e, New	Box 2 Mexic	eo 87504-2088	MAY 11	1998 AMENDED	REPORT	
		•	WELL LO	CATION	AND A	ACREA	AGE DEDICATI	0H-BEAT			
API	Number			Pool Code				Pool Name			
	· · · · · · · · · · · · · · · · · · ·	₁	96610 East Empire Yeso								
Property (1821.11		erty Nam				Well Number	
	302585 WHITESTAR FEDERAL								4		
ogrid No. Operating LLC:							Elevatio 3588	_			
				/-	Surfac	ce Loc	ation		· · · · · · · · · · · · · · · · · · ·		
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	North/South line	Feet from the	East/West line	County	
G	29	17 S	29 E		2230)	NORTH	1650	EAST	EDDY	
			Bottom	Hole Loc	cation I	f Diffe	rent From Sur	face			
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	on the	North/South line	feet from the	East/West line	County	
Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.						
NO ALLO	WABLE W						UNTIL ALL INTER APPROVED BY		EEN CONSOLIDA	ATED	

- 1650' -3587.5' — 3587.2'

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 27, 1998

Date Surveyed

Continue No. RONALO DE EIDSON CARY EDSON MACON DEDONALD 3239

12641 12185

DMCC

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

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

DISTRICT IV

OIL CONSERVATION DIVISIO

P.O. Box 2088

Santa Fe, New Mexico 87504-2088-----

AMENDED REPORT

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

			WELL LO	CATION	AND ACREA	GE DEDICATI	ON PLAT		
API	Number			Pool Code			Pool Name		
		,	96610	0		East Empire '	Yeso		
Property	_			\ \ /11	Property Nam TESTAR FEDE			Well Num	iber
OGRID N	02585	-		****	Operator Nam			Elevation	
İ	29/37			Col	3 ODEra	ting hhC		3598	
^		·			Surface Loca	ation			
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	17 S	29 E		1650	NORTH	2220	EAST	EDDY
L	L	· · · · · · · · · · · · · · · · · · ·	Bottom	Hole Lo	cation If Diffe	rent From Sur	face	<u> </u>	l
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 Acre	s Joint o	r Infili Co	nsolidation	Code Or	der No.				
NO ALLO)WABLE W					NTIL ALL INTER APPROVED BY T		EEN CONSOLIDA	ATED
1	1			1	}		OPERATO	OR CERTIFICAT	TION
					·		І ћетев	y certify the the inj	formation
,	{				1		1 1	n is true and compl vledge and belief.	ete to the
				650					
	į				Ì				
							Signature	J. Brever	
 	†		3	599.5	3598.6'			J. Brewer	
				-	22	220'	Printed Nam		
	i		7.0	596.4' — :	, 3595.2'			gical Engin	eer
	}		ى.		3393.2		Title	100	
							Date	158	
					ĺ		SUDVEVO	R CERTIFICAT	TON
							JORVETO	A CENTIFICAT	1014
{								that the well locati is plotted from field	
	Ì		ĺ		ĺ		1 1	made by me or	_
	}		Į.		1		[1	d that the same is e best of my belief	
	1				ſ				
	{		ļ				1 1	RIL 27, 1998	
							Date Surveye	11111111111.	DMC
	,				f		Professional	Surveyar S	
	1				1		1 A C CON	METONIL	
					1		Kanel & 1	Tallon 5	-084
	-		Ì				1/18:00	-11/06100	
	٠		}				Certificate No	RONALD LEEDSON	
	}						Certificate No.	CARY EIDSON	12 12
							i in	W. CO.	

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

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

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

OIL CONSERVATION DIVISI

P.O. Box 2088

Santa Fe, New Mexico 87504-2088-----

☐ AMENDED REPORT

MAY 11 1000 -

WELL LOCATION AND ACREAGE DEDICATION PLAT

API N	lumber			Pool Code 2850	9	G	raxburg_	Pool Name	5R-Q-G-5	Σ.A.
Property Co		[WHI	Prope TESTAR				Well Num	nber
ogrid No.	!				COG	tor Nam	perating.	LLC	Elevation 3598	
					Surfac	e Loca	tion			
UL or lot No.	Section 29	Township 17 S	Range 29 E	Lot Idn	Feet from		North/South line NORTH	Feet from the 2220	East/West line EAST	County EDD'
		l	Bottom	Hole Loc	eation II	Diffe	rent From Sur	face		L
UL or lot No.	Section	Township	Range	Lot Idn	Feet from		North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infili C	onsolidation (Code Ord	der No.				1	
NO ALLO	WABLE W						NTIL ALL INTER APPROVED BY 1		EEN CONSOLIDA	ATED
					3598.6° 	22	220'	I hereb contained hereis best of my know when the signature Matt Printed Nam Geolo Title 5//3 Date	gical Engine	cormation ele to the
					-			on this plat we actual surveys supervison, and correct to the APR Date Surveye Signature & Professional	that the well locative is plotted from field made by me or it that the same is best of my belief. IL 27, 1998 Surveyor	notes of under m true an DMC

Revised February 10, 1994 Submit to Appropriate District Office

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ACT II wer DD, Artesia, NM 68211-0719

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

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

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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

APl Number	Pool Code	Pool Na	Pool Name	
	96610	Yeso		
Property Code	Proper	ty Name	Well Number	
Property Code	WHITE STA	R FEDERAL	7	
OGRID No. 229137	COG Operating	or Name	Elevation 3617	
	Surface	Location		

UL or lot No.	Section 29	Township 17 S	Range 29 E	Lot Idn	Feet from the	North/South line	Feet from the	East/West line WEST	County EDDY
				γ		erent From Sur		F (W)	
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 Or	der No.	<u> </u>		L	

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

	NDARD UNIT HAS BEEN APPROVED BY THE DIVISION
3621.5' 3617.8' 	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Matt J. Brewer Printed Name Geolgoical Engineer Title 5-18-99 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 Surveysibility Date Surveysibility Signature of State of St

ACT II Her DD, Artesia, NM 88211-0719

STRICT 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

		Ţ	WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAT		
API	Number			Pool Code	509 G	ray burg]	Pool Name	50-6	Cn
Property	Code	Ţl		200	Property Nam	ray Durg J	alkson	Tell Num	DH
3025	_			WH	HITE STAR FE	EDERAL		7	
OGRID N	o.		Λ	>	Operator Nam	ne / / / .		Elevatio	
2291	37		C	060	perating			3617	/
					Surface Loc	ation			· · · · · · · · · · · · · · · · · · ·
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	17 S	29 E		990	NORTH	990	WEST	EDDY
			Bottom	Hole Lo	cation If Diffe	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	a Joint o	or Infill Co	nsolidation	Code Or	der No.	<u> </u>		<u> </u>	
NO 411	WARLE 1	MILL RE AS	SSIGNED	TO THIS	COMPLETION I	JNTIL ALL INTER	PESTS HAVE RI	FEN CONSOLID	ATED
						APPROVED BY			
	1						OPERATO	OR CERTIFICAT	LION
					1		11	ny certify the the in	
	.066				1		contained herei	n is true and compl	
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990'	 						11/11	/ -	
3617.	L	ים ד]	•		Matt	1. Braver	
3617.	301	3.0					Mott T	D	
{							Printed Nam	. Brewer	
	,				ı		Geolgo-	ical Enginee	:r
					1		5-18-99	9	
							Date		
	ı						SURVEYO	R CERTIFICAT	'ION
							I hereby certifu	; that the well locati	on shown
	ļ						on this plat we	as plotted from field	notes of
	I						supervison, an	made by me or al that the same is	true and
	1						correct to the	e best of my belies	ć.
	İ						M	AY 4, 1999	
	ł						Date Surveye	ikananga.	DMCC
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	ı						Certificate No	. RONALO DE EDSO	N 3239
							Inhining PROF	EES HOUSE EDSON	12641 12185
								mminn.	

1980, Hobbe, NM 88241-1980

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OIL CONSERVATION DIVISION

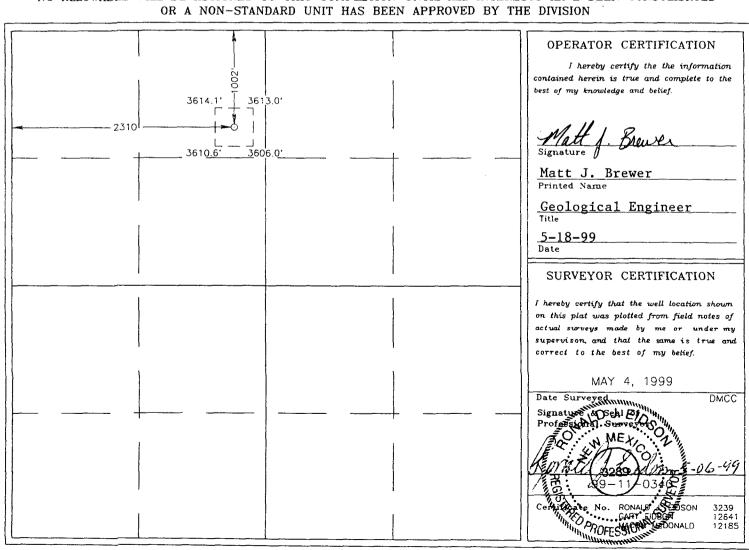
P.O. Box 2088

Santa Fe. New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Property Code 302585 OGRID No. 229137			<u> </u>	Property Nam HTE STAR FE Operator Nam	DERAL	pire Yeso	Well Num 8 Elevatio 361					
302585 OGRID No.		0G C	<u> </u>	Operator Nam	EDERAL		8 Elevation					
OGRID No.		0G C	<u> </u>	Operator Nan			Elevation	מו				
	C	OG C	Pera		LC 1		1	מי				
229 137	\mathcal{L}	0G C	Pera	ting h.	40		<u> </u>					
					COG Operating LLC							
			•	Surface Loc	ation							
UL or lot No. Section	n Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County				
C 29	17 S	17 S 29 E 1002 NORTH 2310						EDDY				
		Bottom	Hole Loc	cation If Diffe	erent From Sur	face						
UL or lot No. Section	n Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County				
			Ì									
Dedicated Acres Join	nt or Infill Co	nsolidation	Code Or	der No.	<u> </u>	<u> </u>		ــــــــــــــــــــــــــــــــــــــ				
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NO ALLOWABLE	E WILL BE A	SSIGNED	TO THIS	COMPLETION	UNTIL ALL INTER	RESTS HAVE BI	EEN CONSOLID	ATED				



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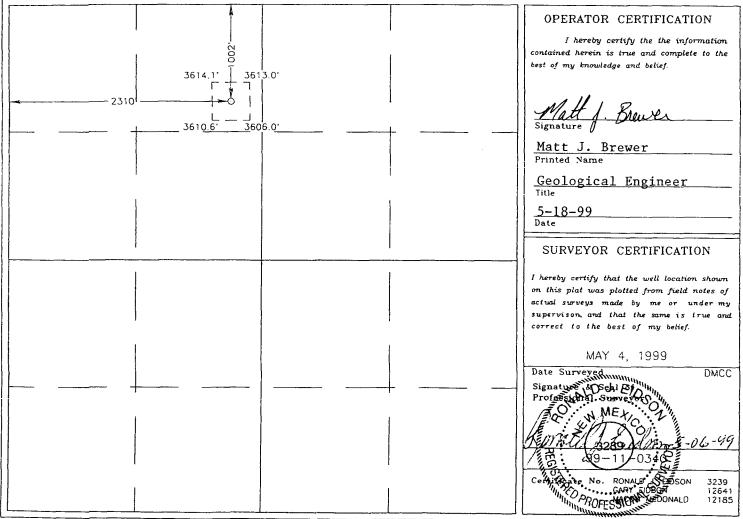
OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

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			WELL LO	CATION	AND ACREA	GE DEDICATI	ON PLAT				
API	Number		285	Pool Code			Pool Name				
			a Fackso	on 5R-Q-G-SA							
Property (Code			l lea lian	aber						
1 302	585				8						
OGRID No			ΑΙ. Λι		Operator Nam	ie - / / a		Elevation			
· 229/37 COG Operating LLC 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		
C	29	17 S	29 E		1002	NORTH	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 Acre	s Joint o	r Infill Co	onsolidation (Code Or	der No.	J			·		
40											
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		OR A 1	NON-STAN	DARD UN	IIT HAS BEEN	APPROVED BY	THE DIVISION				
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	2310l		- -		1		11/11	10	l		
		7.5.1	L				1 Tatt	1. Brewer			
 	+	361	0.6' 360	6.0 <u>'</u>			- Signature				



DISTRICT II



State of New Mexico Energy, Minerals and Natural Resources Department

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Centificate No. RONALDS EIDSON

OFFICE SHADOW MCDONALD

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3239 12641 12185

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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

API	Number			Pool Code		····	Pool Name		
			966	10		East Emp	ire Yeso		
Property C					Property Nam			Well Nur	nber
302	282			W	HITE STAR FE	DERAL		9	
OGRID No			1 - 11 -		Operator Nam	le		Elevati	
2291	<u>37 </u>		<u> </u>	per	ating &	hC '		360	2
				•	Surface Loca	ation			
JL or lot No.	Section	Township	Kange	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Count
В	29	17 S	3 29 E		990	NORTH	1650	EAST	EDDY
		- 	Bottom	Hole Id	ocation If Diffe	rent From Sur	face		1
L or lot No.	Section	Township	··-	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Count
2 07 190 110.	Section	10 miship	Mange	Lot Idii	Teet Hom the	i wordin south line	reet from the	Last/ "est line	Count
	· · · · · ·	1		<u> </u>		<u> </u>			
Dedicated Acres	Joint 6	or Infill	Consolidation	Code	Order No.				
40									
NO ALLO	WABLE V					INTIL ALL INTER		EEN CONSOLID	ATED
		OR A	NON-STAN	DARD U	NIT HAS BEEN	APPROVED BY	THE DIVISION		
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							OPERATO	OR CERTIFICA	TION
							I hereb	y certify the the in	n forma tion
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					3606.2' 3602.2'		Desi of my know	preage and betref.	
						1650'	111		
	·	•				1030	Matt	1. Brown	
	+				3604.2 3598.5		Signature V	· pull	
							Matt J.	Brewer	
							Printed Nam	ie	
	'							cal Enginee	r
	Į						Title		
							5-18-99 Date		
							Butt		
							SURVEY	OR CERTIFICA	TION
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							Date Survey	edillilli	DMC
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RICT I 8ox 1980, Hobbs, NM 88241-1980

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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 No	umber		1 -	Pool Code 8509	G	ray bura	Pool Name	5R-Q-G-	SA	
302.58						Gray burg Jackson SR-Q-G- verty Name TAR FEDERAL 9				
OGRID No. 22913			COG Operating LLC				rator Name			
				7	Surface Loc	ation				
UL or lot No.	Section 29	Township 17 S	Range 129 E	Lot Idn	Feet from the	NORTH	Feet from the	East/West line EAST	County	
1		ł	Bottom	Hole Loc	eation If Diffe	rent From Sur	face	<u></u>	<u> </u>	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Dedicated Acres			i onsolidation		der No.	i				
NO ALLOW	ABLE W					INTIL ALL INTER		EEN CONSOLID	ATED	
					606.2' <u>3602.2'</u> 604.2' <u>3598.5'</u>	:650'	Signature 0 Matt J. Printed Nam Geologic Title 5-18-99 Date		nformation nlete to the	
							on this plat we actual surveys supervison are correct to the Date Surveys Signatura & Professional Professional Confidentials N	y that the well loca as plotted from fie made by me or and that the same is the best of my believe the best of my believe the best of my believe the best of my believe the best of my believe the best of my believe the best of my believe the best of my believe the best of my believe the best of my believe the best of	Id notes of under my s true and ef. DMCC	

ACT I ox 1980, Hobbs, № 88241-1980



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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

		1	WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAT			
API	Number Pool Code Pool Name 96610 East Empire Yeso									
	C- d-	<u></u>	96	610	Property Nam		pire Yeso	Well Nun		
Property 302				WH	HITE STAR FE			10		
OGRID N					Operator Nam	ne ,		Elevation		
229	137		<u> </u>	OB 07	perating	1 hhC		359:	2	
					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
A	29	17 S	29 E		990	NORTH	330	EAST	EDDY	
			Bottom	Hole Lo	cation If Diffe	erent From Sur	face			
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	
Dedicated Acre	s Joint o	r Infill Co	nsolidation	Code Or	der No.					
	.3			01	der 110.		•	•		
40 NO 4114	OWADIE V	א שם וווע	CCICNED	דון דעוכ	COMPLETION	UNTIL ALL INTER	DECTS HAVE DI	CEN CONSOLID	ATED	
NO ALL	UNADEE V					APPROVED BY		EEN CONSOLID.	AIED	
				3595.9' 	3593.4' O ! —! 3590.4'	SEE DETAI	I hereby certify on this plat was upervison, ar		FION tion shown d notes of under my s true and	
							Date Surveyer Signature Professional	Seal Joseph Mexicology of the Control of the Contro	DMCC 5-06-99 DN 3239 12641 12185	

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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

			WELL LO	DCATION	N AND ACRE	AGE DEDICATI	ON PLAT			
API	Number		1 .	Pool Code			Pool Name			
			28	3509	B	rayburg.	Tackson	5R-0-6	3-5A	
Property								l l		
1302	585			W	HITE STAR FI		10			
OGRID N					Operator Nar	ne		Elevati		
2291	<i>37</i>		<u> </u>	<u> 3 Ope</u>	crating.	Lebe C		359	2	
				,	Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	
Α	29	17 S	29 E		990	NORTH	330	EAST	EDDY	
L		<u> </u>	Bottom	Hole Lo	ocation If Diffe	erent From Sur	face		<u> </u>	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
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	L				<u> </u>				<u> </u>	
Dedicated Acre	s Joint o	or Infill C	onsolidation	Code C	order No.		•	•		
40										
NO ALLO	OWABLE W	VILL BE A	SSIGNED	TO THIS	COMPLETION	UNTIL ALL INTER	RESTS HAVE BI	EEN CONSOLID	ATED	
		OR A	NON-STAN	NDARD U	NIT HAS BEEN	APPROVED BY	THE DIVISION			
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							OPERATO	OR CERTIFICA	TION	
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	}			3592.4	3590.4	Ö	-11/	110		
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 	- +						Signature	,		
						SEE DETAI	Matt J. Printed Nam		<u> </u>	
	ļ							al Engineer	•	
	1				1		Title			
	j						5-18-99 Date			
	•									
				-			SURVEYO	OR CERTIFICA	TION	
	ļ				1		I hereby certify	y that the well loca	tion shown	
					ļ		11 .	as plotted from fiel made by me or	=	
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80. Hobbs, NM 88241-1980

ARICT II Drawer DD, Artesia, NM 88211-0719

1000 Rio Brazos Rd., Aztec. NM 87410

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

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State of New Mexico

Energy, Minerals and Natural Resources Department

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P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code	Pool Name	
96610	East Empire Yeso	
		Well Number
- WHITE STAR	FEDERAL	11
		Elevation
COG Operatin	g LhC	3626
	96610 Property WHITE STAR Operator	1

Surface Location

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

Bottom Hole Location If Different From Surface

			20002						
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.				
40	<u> </u>					····		····	

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

330' SEE DETAIL		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	3628.9' <u>3626.6'</u>	Signature Crissa D. Carter Printed Name Production Analyst Title
	3623.8' 3623.0' <u>DETAIL</u>	J2-20-99 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.
		DECEMBER 2, 1999 Date Surveyed J. E. LMP Signature See of Company Professional Surveyor Co
		Certificati No. RONALD EIDSON 3239 ORDER MOSON 12841 ORDER MARCHAN MEDONALD 12185

. ſI

RICT I Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV

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		,	ARIT TO	CATION	I AND ACREA	GE DEDICATI	ON PLAT		
API	Number			Pool Code			Pool Name		
				285	$09 \mid Gr$	ay burg J	OCKSON_	5R-Q-G	5A
Property (TUTT				Well Num	iber
302		-	•	- МН	ITE STAR FE				
OGRID No			1 51 /	^	Operator Nam	ie 4 4		Klevation 3626	
2291	37	1	COB C	pera	ting Ki	<u> </u>		3020	
					Surface Loca				·
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	17 S	29 E		330	NORTH	330	WEST	EDDY
			Bottom	Hole Lo	cation If Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
								<u> </u>	l
Dedicated Acres	Joint o	or Infill Co	nsolidation	Code 0	rder No.				
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		OR A N	ION-STAN	IDARD U	NIT HAS BEEN	APPROVED BY	THE DIVISION		
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							Crissa	D. Carter	ĺ
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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

☐ AMENDED REPORT

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Energy, Minerals and Natural Resources Department

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ASTRICT III 1000 Rio Hrazos Rd., Aztec, NM 87410

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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

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

1650' SEE DETAIL	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
3622.0' 3619.5' O	Signature Crissa D. Carter Printed Name Production Analyst Title
3621.4' 3616.9' DETAIL	J2-20-99 Date SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my bekef.
	DECEMBER 1, 1999 Date Surveyed LMP Signature A Science Surveyed LMP Professional Surveyed LMP From MEXICOLUMN
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P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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3615.1' 3612.5' O 3610.5' 3608.9' DETAIL			Printed Name Production Analyst Title 12-20-99 Date
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Pool Name

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Pool Code

or DD, Artonia, NM 88211-0712

STRICT III 7000 Rio Braxos Rd., Axtec, NM 87410

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

API Number

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

Property Code 30/2 59 WHITE STAR FEDERAL 13 OCRUP No. 229 37 COG Operator Name Surface Location UL or bot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/Feet line County Bottom Hole Location if Different From Surface UL or bot No. Section Township Range Lot idn Feet from the North/South line Feet from the East/Feet line County 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/Feet line County Dedicated Acres Joint or Infill Consolidation Code Order No. NO ALLOWABLE WIL ER ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED NO ALLOWABLE WIL ER ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OPERATOR CENTIFICATION JAPING WITH HAS BEEN APPROVED BY THE DIVISION OP					(8 20	JACK SOL	20 SR-Q-G-SA			
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DD, Artesia, NM 88211-0719

STRICT III 000 Rio Braxos Rd., Axtec, 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

API	Number			Pool Code		Pool Name					
			96	610	-	East	Empire Yeso		-		
Property	Code				Property Na	me		Well Nun	nber		
302	585			WHI	TE STAR F	EDERAL		13	i		
ORKIN W				==	Operator Na	me		Elevation	n.		
229		1	` ^ ^	Oper	. •	110		361			
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					Surface Lo	cation					
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
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			Bottom	Hole Lo	cation If Diff	erent From Sur	face		•		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Kast/West line	County		
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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

API N	lumber			Pool Code				Pool Name		
			<u> </u>	285	09	G	rayburg:	Jackson	5R-Q-G	-5A
Property Co マハク	.585			whi'			DERAL		Well Num	
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Dedicated Acres	Joint o	r Infill Co	onsolidation	Code Or	der No.					
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STRICT III 000 Rio Brazos Rd., Aztec, NM 87410

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OIL CONSERVATION DIVISION

State of New Mexico

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

API	Number]	Pool Code		Pool Name					
			9	6610		East l	Empire Yeso				
Property C	ode		· · · · · · · · · · · · · · · · · · ·		Property Nam	ie .		Well Nun	ber		
3029	25			WHI	TE STAR FE	EDERAL		14	-		
JGRID No					Operator Nam	ne .		Elevation	_		
22913	37	1 Ca	COG Oberating I/C 3598						3		
	· · · · · · · · · · · · · · · · · · ·				Surface Loc	ation					
UL or lot No.	Section	Township	Range	Feet from the	East/West line	County					
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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 Co	nsolidation	Code Or	der No.				<u> </u>		
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OR A NON-STAN	DARD UNIT HAS BEEN	APPROVED BY THE	E DIVISION
	1	SEE DETAIL	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 /2-20-99 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 beking. DECEMBER 1, 1999 Date Surveyor LMP Signature & Seal Story or

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TRICT III 500 Rio Brazos Rd., Axtec, NM 87410

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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

		,	ԱԲՐՐ TO	CATION	AND ACREA	AGE DEDICATI	UN PLAT		
API	Number			Pool Code	1	1	Pool Name		
			28	509	Gra	ay burg J	ackson-	5R-Q-G-	5A
Property	_			TOTAL			•		
3025	<u> </u>			WHI				14	
OGRID No			1 . /) ^-	Operator Nam			Elevatio	
22913	<u> </u>	1	COC	o Up	eratina	g LLC		3598	<u> </u>
				, , , , , , , , , , , , , , , , , , ,	Surface Loc	átion			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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			Bottom	Hole Lo	cation If Diffe	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
		<u> </u>							
Dedicated Acres	s Joint o	or Infill Co	nsolidation	Code Or	der No.				
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7 I 580, Hobbs, NM 88241-1980 17

State of New Mexico

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Certificate No. RONALD J. EIDSON, GARY G. EIDSON,

3239 12641

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DISTRICT III
1000 Rio Braxos Rd., Axtec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV	. Ye NIW 878	:0420RB		Santa r	e, New Mexic	0 07304-2000		□ AMENDET	REPORT
			WELL LO	CATION	AND ACREA	GE DEDICATI			
API	Number		ł .	Pool Code			Pool Name		
			966	10		East Empire Y	(eso		
Property				,	Property Nam WHITE STAR F			Well Num	
302				<u> </u>	Operator Nam			15	
OGRID N			^	^/ ^-	- ` \	1 1 4		3607	
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			Bottom	Hole Lo	cation If Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	<u> </u>	1	<u> </u>		<u> </u>	<u> </u>	i 	<u> </u>	<u> </u>
Dedicated Acre	s Joint o	er Infill Co	onsolidation	Code Or	der No.				
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PRICT II
Drawer DD. Artesia. NM 88211-0710

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OIL CONSERVATION DIVISION

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

□ AMENDED REPORT

DISTRICT IV

P.O. Box 2088, Sant	A Fe, RE 675		WELL LO	CATION	AND ACREA	GE DEDICATI	ON PLAT		
API	Number		6.0	Pool Code		. 1	Pool Name	< 0 . 4	
		1 	28509 Gray Durg Ja			LAURSON	SR-Q-G	5/4_	
Property Code 302585				,	white star f			wen number	
OGRID N	o.		<u> </u>		Operator Nam	ie		Elevatio	n
229	/ <u>37</u>		2060) pera	ting L	LC		3607	
					Surface Loca	ation		•	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	29	17 S	29 E		990	HORTH	2310	EAST	EDDY
			Bottom	Hole Loc	ation If Diffe	rent From Sur	face		
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	onsolidation (Code Or	der No.				
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	1						Crissa	D. Carter	
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				ı	j		Professional	Surveyor	
	! !				 		Ronald W.O. N.	Culan m_ 00-11-14	1/21/00
	 					~		GARY G. EIDSON	

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DISTRICT IV

STRICT III

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

1000 Rio Brazos Rd., Axtec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name			
	96610	East Emp	oire Yeso_		
Property Code 302585	-	ty Name R FEDERAL	Well Number 16		
OGRED No. 229/37	Operat COB ODERAL	ing hhC	Elevation 3596'		

Surface Location

J	UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
	G	29	17-S	29-E		1650	NORTH	1600	EAST	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	Rast/West line	County
Dedicated Acres Joint or Infill Consolidation Code					der No.			L	L
10									

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Santa Fe, New Mexico 87504-2088

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DISTRICT III	Rd.	Artec,	NM	87410
DISTRICT IV				

DISTRICT IV P.O. BOX 2088, BANTA PR, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION PLAT	AMENDED REPORT
API Number	Pool Code	Pool Name	e
	28509	Gray Durg Jackson	SR-0-6-5A
Property Code	Prop	perty Name	Well Number
302 585	WHITE ST	16	
OGRID No.	Oper	rator Name	Elevation
229137	COG ODEratir	a h.h.C.	3596'

North/South line Lot Idn Feet from the Feet from the East/West line UL or lot No. Section Township Range County 29 17-S 29-E 1650 NORTH 1600 **EAST EDDY** G Bottom Hole Location If Different From Surface

Surface Location

North/South line UL or lot No. Section Township Range Lot Idn Feet from the Feet from the East/West line County Joint or Infill Dedicated Acres Consolidation Code Order No. 10

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DISTRICT III · 1000 Rio Brazos Rd., Axtec, NM 87410

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

P.O. BOX 2088, BANTA FE, N.M. 87504-2088	WELL LUCATION AND	ACREAGE DEDICATION	PLAI	☐ AMENDED REPORT	
API Number	Pool Code	Pool Name			
	96610	East	Empire Yeso		
Property Code	Prop WHITE ST	Well Number			
OGRID No. 219137	COG O Deratina	ator Name		Elevation 3594	
The state of the s					

Surface Location

-	UL or lot No.	Section	Township	Range	Lot Idn	Peet from the	North/South line	Feet from the	East/West line	County
	G	29	17-S	29-E		2240	NORTH	2310	EAST	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 Consolid			nsolidation (Code Or	der No.				
PO 40	<u> </u>								

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Santa Fe, New Mexico 87504-2088

DISTRICT III · 1000 Rio Brazos Rd., Axtec, NM 87410

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

P.O. BOX 2088, SANTA FE, N.M. 87504-208	WELL LOCATION AND	ACREAGE DEDICATION PLAT	☐ AMENDED REPORT				
API Number	Pool Code	Pool Code Pool Name					
	28509	Bray burg Jackson	2 SR-Q-G-SA				
Property Code	Proj	perty Name	Well Number				
302585	WHITE ST	FAR FEDERAL	17				
OGRID No.	Оре	ator Name	Elevation				
229.137	COG ODEratin	ng LLC	3594'				

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	17-S	29-E		2240	NORTH	2310	EAST	EDDY

Bottom Hole Location If Different From Surface

1	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1										
	Dedicated Acres	Joint o	r Infill Co	nsolidation (ode Or	der No.				
	PO 40									

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

	NON-STANDARD UNIT H		TERESTS HAVE BEEN CONSOLIDATED 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.
		_	None Call
		1	Crissa D. Carter Printed Name
	3599.0' 3597.1'	2310'	Production Analyst Title 5/8/2001 Date
· — — — -	3595.1' 3592.5'		SURVEYOR CERTIFICATION
		1	I hereby certify that the well location show on this plat was plotted from field notes of actual surveys made by me or under m supervison, and that the same is true as correct to the best of my belief.
			APRIL 30, 2001 Date Surveyed
		 	Professional Surveyor 5/02/6/
]	Certificate No. RONALD J. KIDSON 3236

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

KICT II

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

.O. BOX 2088, SANTA FE.	N.M. 875	04-2088						C AMENDED	REPORT	
API Num	aber		1	ool Code			Pool Name			
				96610	so					
Property Code	:		Property Name					Well Number		
302.58	5				WHIITE ST	'AR FEDERAL	20			
OGRID No.					Operator Nan	ne .		Elevatio	n	
22913	7		COG	ODE	rating	LhC		3598	3'	
			Surface Location							
UL or lot No. Se	ction	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
. 1	~~ [47 0	ا مم حا		000	NODTU	000		COOK	

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	l
Α	29	17-S	29-E		990	NORTH	990	EAST	EDDY	
			Bottom	Hole Loc	eation If Diffe	rent From Sur	face	·		

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 Ac	es Joint	or Infill Co	nsolidation (ode Oro	ler No.				
40									

<u> </u>	
	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
	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.
	Date Surveyed AWB Signature & Seal of the Professional Surveyor.
	Ronald Bulson 2/19/02
	Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641

Form U-102

Submit to Appropriate District Office

Revised February 10, 1994

OIL CONSERVATION DIVISION

RICT II prawer DD, Artesia, NM 88211-0719

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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DISTRICT IV P.O. BOX 2088, SANTA	PE. N.M. 87	504-2088	WELL LO	CATION	N AND ACREA	GE DEDICATI	ON PLAT	□ AMENDED	REPORT
	Number			Pool Code	Gr	ay burg Ja	Pool Name	5R-0.6-	SA
Property C	ode			<u> </u>	Property Nan	ne/		Well Nun	aber
3025	85_	<u> </u>	·		·	AR FEDERAL		20	
OGRID No			0.00	772	Operator Nam	ne / //		Elevation 3598	
12913	3/	<u> </u>	<i>UDG</i>	Ope	surface Loc	んこ ation		1	
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	17-S	29-E		990	NORTH	990	EAST	EDDY
L			Bottom	Hole Lo	ocation If Diffe	rent From Sur	face	1	J
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	or Infill Co	onsolidation (Code 0	rder No.	<u> </u>		L	L
40									
NO ALLO	WABLE V					NTIL ALL INTER		EEN CONSOLIDA	ATED
	7			1			OPERATO	OR CERTIFICAT	ION
	1			1	' !	7	I hereb	y certify the the inj	formation
}}	į			l	}	066	7 7	n is true and comple viedge and belief.	ate to the
					3599.5 '	3595.3'	Bush of May Engage	neage and only.	
i				1		990'		201	n
[[j				7500.01		Signature	1. Should	<u>e</u>
	i			 -	3596.0'	3593.0'	710-	. Sherrell	
	}			ł	ł		Printed Nam		
	I			1	{		Product	ion Clerk	
}	1			Ì	i		Title		
	[2/28/20 Date	02	
	1		ı		1				
 				<u> </u>			SURVEYO	R CERTIFICAT	ION
	'				i I		1 1	that the well location	
	1						1 1	s plotted from field made by me or	•
	1				}		supervison, and	i that the same is best of my belief.	true and
					1				
	j						Date Surveyed	JARY 18, 2002	AWB
<u> </u>	'				<u> </u>		Signature	Seal tot	,,,,,
	1				1		Professional	Surveyor	
	1				1		War of	80	
	1		1		J		1 a mark f	DUND 21	119/02
	}		1		1			2.11/0119	
	1		,		1		Certificate No	. RONALD J. EIDSO GARY EIDSON	N 3239 12641

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102 Revised October 12, 2005

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1301 W. GRAND AVENUE, ARTESIA, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec. NM 87410

DISTRICT IV

DISTRICT II

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

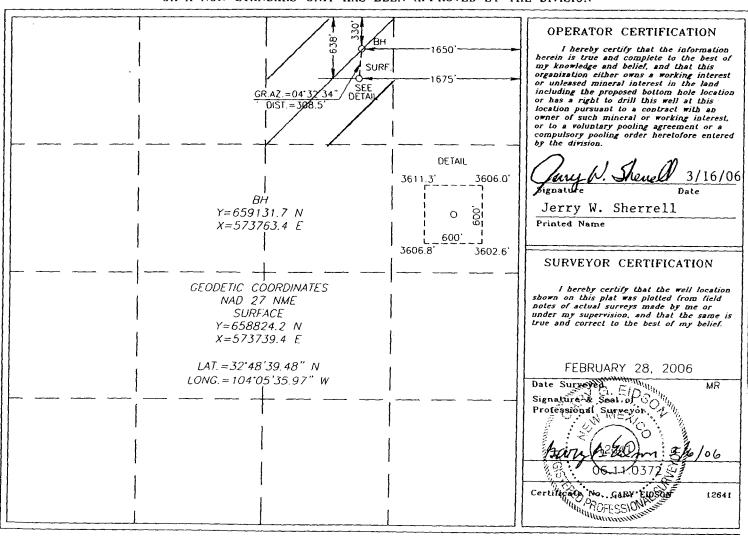
1220 S. ST. FRANCIS DR., SANTA FE. N			C RECEIVED RELOW		
API Number	Pool Code	Pool Name			
	96610	Empire Yeso East			
Property Code	Prope	rty Name	Well Number		
302585	WHITE STA	R FEDERAL	21		
OGRID No.	Opera	tor Name	Elevation		
229137	COG OPERATI	NG LLC	3607'		

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
	В	29	17-S	29-E		638'	NORTH	1675	EAST	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
В	29	17-S	29-E		330'	NORTH	1650'	EAST	EDDY
Dedicated Acres	Joint o	r Infill C	onsolidation	Code Or	der No.				
40									



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1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

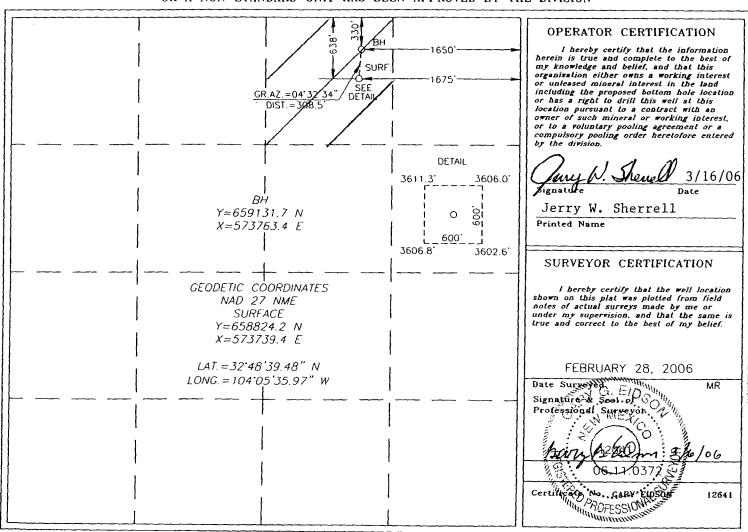
API Number	Pool Code	Pool Code Pool Nam			
	28509	Gray Durg Jack So	ON SR-A-G-SA		
Property Code	Prop	Well Number			
302585	WHITE STA	WHITE STAR FEDERAL			
OGRID No.	Oper	ator Name	Elevation		
229137	COG OPERAT	ING LLC	3607'		

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
	В	29	17-S	29-E		638'	NORTH	1675'	EAST	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
В	29	17-5	S 29-E		330'	NORTH	1650'	EAST	EDDY
Dedicated Acres Joint or Infill Consolidation Code		Code Or	der No.						
40									



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DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 67504-2088
WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number	Pool Code	Pool Name
	96610	East Empire Yeso
Property Code	Property Name	Well Number
302585	WHIITE STAR FEDE	RAL 22
OGRID No.	Operator Name	Elevation
229/37	COG Operating-LLC	3593'

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
	Α	29	17-S	29-E		330	NORTH	330	EAST	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	Dedicated Acres Joint or Infill Consolidation Code Order No.								
40						•			

OK A NON	-STANDARD UNIT HAS BEEN	APPROVED BY TH	E DIVISION
		330' SEE DETAIL	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	3595.6' 3593.5'		Jerry W. Sherrell Printed Name
	3595.4' 3592.4' DETAIL		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 correct to the best of my belief.
			FEBRUARY 18, 2002 Date Surveyed AWB Signature & Seal of Professional Surveyor AMULE Surveyor 02110121
			Certificate No. RONALD 12 EIDSON 3239 GARY EIDSON 12641

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Santa Fe, New Mexico 87504-2088

AMENDED REPORT

P.O. BOX 2088, SANTA PE, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION PLAT	□ AMENDED REPORT
API Number	28509	Gray burg Jackson	•
Property Code 302595	•	erty Name / CE STAR FEDERAL	Well Number 22
OGRID No. 229137		ator Name Lting LLC	Elevation 3593'

Surface Location

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

Bottom Hole Location If Different From Surface

	20000 Hotel Bookston II Dillotton Farings											
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
Dedicated Acres	Toint a	or Infill Co	onsolidation (2-4- 0-	der No.							
Dedicated Acres	Joint o	ii iiiiiii Cc	onsondation (Joae OF	der No.							
40						•			1			

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

OR A NON-	-STANDARD UNIT HAS BEEN	APPROVED BY TH	E DIVISION
		330'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
			Deny W. Sheroll
	3595.6' 3593.5' 0		Jerry W. Sherrell Printed Name Production Clerk Tiue 2/28/2002
	DETAIL		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 AWB Signature & Seal of Professional Surveyor AMALIA Lithun 2/19/02
			O2-11-0121 Certificate No. RONALD J EDSON 3239 GARY EDSON 12641

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State of New Mexico

Energy, Minerals and Natural Resources Department

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> 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			
	96610	East Empire Yeso			
Property Code	Ртор		Well Number		
302585	WHITE ST	'AR FEDERAL		23	
OGRID No.	Oper		Elevation		
229/37	COGODErati		3622'		
		<i>1</i>			

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	29	17-S	29-E		470	NORTH	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 or Infill Consolidation Code Order No.									
40									

3626.6' 🙎 3622.8'	OPERATOR CERTIFICATION
2210'	I hereby certify the the information contained herein is true and complete to the
	best of my knowledge and belief.
3622.9' 3618.4'	Signature Ca
SPC NME NAD 1927	Crissa D. Carter Printed Name
Y=658998.59 X=572333.62 LAT.= 32'48'41.23"N	Production Analyst
LONG.= 104'05'52.43'W	4/8/2002 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.
	MARCH 21, 2002
	Date Survexed with the AWB Signature & Staff of the Staf
	Professional Surveyor
	homet & Sendan \$128/02
	02.17.021
	Certificate No. RONALD SEIDSON 3239 GARKEIDSON 12641
	16 CLEDO

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DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

P.O. BOX 2088, SANTA FE, N.M. 87504-2088	WELL LOCATION AND	D ACREAGE DEDICATION	PLAT	☐ AMENDED REPORT
API Number	Pool Code		Pool Name	
	28509	Gray Durg Jac	KSON S	R-Q-G-SA
Property Code		Property Name		Well Number
302585	WHITE	STAR FEDERAL		23
OGRID No.	· · · · · · · · · · · · · · · · · · ·	perator Name		Elevation
229137	COB Open	eting hhc		3622'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	29	17-S	29-E		470	NORTH	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.	l		<u>L</u>	
40		}							

3622.9' 3618.4'	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature
SPC NME NAD 1927 Y=658998.59 X=572333.62 LAT.= 32*48'41.23*N LONG.= 104'05'52.43"W	Crissa D. Carter Printed Name Production Analyst Title 4/8/2002 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. MARCH 21, 2002 Date Surveyadminimized AWB Signature & Sea for the professional Surveyor of the surveyor of the same is true and correct to the best of my belief.
	Certificate No. RONALD SEIDSON 3239 CONTROL OF SEIDSON 12641

Kevisca repluary 10.

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STRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT ☐ AMENDED REPORT O. BOX 2088, SANTA FE, N.M. 87504-2088 Pool Name API Number Pool Code East Empire Yeso 96610 Property Name Well Number Property Code WHITE STAR FEDERAL 24 302585 Operator Name Elevation OGRID No. 3631'

- 1	UL or lot No.	Section	tomnauth	капде	ושנ זמנו	reet from the	Worm\2007 me	teer nom me	ERREL MERE TITE	County	1
	D	29	17-S	29-E		330	ŅORTH	990	WEST	EDDY	
٠				Rottom	Hole Lor	ation If Diffe	rent From Sur	f			
				noutom	noie Loc	запон и инсе	rent From Sur	race			

	bottom note location if billione from burlace											
ĺ	UL or lot No.	Section	Township	Range	Lot Id	dn	Feet from the	North	South line	Feet from the	East/West line	County
	ì			·	1					1		_
į	!				ł			1)	}	1
	Dedicated Acres Joint or Infill Con		Consolidation	Code	Ore	ler No.	·	·····	· · · · · · · · · · · · · · · · · · ·	l		
	40				Ì							
- 1		,	1		7							

3632.7' 3631.1' SEE DETAIL 3629.5' 3628.9' DETAIL	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature
SPC NME NAD 1927 Y=659136.15 X=571113.45 LAT.= 32'48'42.62'N LONG.= 104'06'06.73'W	Crissa D. Carter Printed Name Production Analyst Title 4/1/2002 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief. MARCH 21, 2002 Date Surveyed MARCH 21, 2002 Date Surveyed Signature & Scal for Professional Surveyor Professional Surveyor Q2.11/02158 Certificate No. RONALD & FIDSON 3239 GARY EDSON 12641

DD, Artesia, NM 88211-0719

Section

29

Township

17-S

Revised revivaly 10, 200.

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East/West line

WEST

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UL or lot No.

D

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

County

EDDY

1.0. BUX 2088, SANIA FL. N.M. 07304-2088							
API Number	Pool Code	N	Durg Jack SON SR-Q-G-SA				
P. Code	28509,	erty Name	JAUSSON.	Tell Number			
Property Code 302585	· •	WHITE STAR FEDERAL					
OGRID No.		ator Name		24 Elevation			
229137	COG Obera:			3631'			
		. Toostion					

Surface Location

North/South line

NORTH

Feet from the

990

Feet from the

330

Lot Idn

Range

29-E

			<u> </u>	1			L	l	L		
	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	
		1 7 7 7 7	T 601 6								
ı	Dedicated Acres	s Joint o	r mini Co	nsolidation	Lode Ur	der No.					

3632.7' 3631.1' O SEE DETAIL 3629.5' 3628.9' DETAIL	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature
SPC NME NAD 1927	Crissa D. Carter Printed Name
Y=659136.15 X=571113.45 LAT.= 32'48'42.62"N LONG.= 104'06'06.73"W	Production Analyst Tiue 4/1/2002 Date SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
	Date Surveyed AWB Signature & Seal polything Professional Surveyor
	602.11/0215
	Certificate No. RONALD & EIDSON 3239 GARY EIDSON 12641

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

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East/West line

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UL or lot No.

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

Section

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

County

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION	PLAT D AMENDED REPORT	
API Number	Pool Code		Pool Name	
	96610	East	Empire Yeso	
Property Codc	Property Name Well Number			
30 2585	WHITE STAR FED. 25			
OGRID No.	OCRID No. Operator Name Elevation			
229/37	COG Operating LLC 3616'			
	—···· -· I _			

Surface Location

C	29	1/-S	29-E		890	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

Feet from the

Joint or Infill Dedicated Acres Consolidation Code Order No. 40

Range

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

North/South line

Feet from the

		OPERATOR CERTIFICATION
1.06		I hereby certify the the information
068	!	contained herein is true and complete to the
3620.6' 3617.8'	,	best of my knowledge and belief.
1650	1	
		(iusse) (ala
3617.8' 3614.0'		
	<u> </u>	Signature
j i	<u> </u>	Crissa D. Carter
1	' '	Printed Name
}		Production Analyst
1	1	Title
	1	10/4/2002 Date
,		Date
	<u> </u>	SURVEYOR CERTIFICATION
1	1	I hareby certify that the wall location shown
		on this plat was plotted from field notes of
	1	actual surveys made by me or under my
1	1	supervison and that the same is true and correct to the best of my belief.
	}	
		SEPTEMBER 16, 2002
1		Date Survered Milling
	<u> </u>	Signature & Seal OU Colle
1]	Professional Surveyor
	,	1 1 Straight
		benetik 383 Jan 9/18/02
		(12: 02.11.0667 m)
1	1	Certificate No. RONALD CETOSON 3239
		MIND PROFESSION 12641

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DISTRICT III 1000 Rio Brazos F	Rd., Azlec, N	W 87410		Danta 1	e, item mean	0.001 000			
DISTRICT IV P.O. BOX 2088, SANT	TA PE. N.M. 87	504-2088	WELL LO	CATION	AND ACRE	AGE DEDICATI	ON PLAT	D AMENDEE	REPORT
API	Number			Pool Code	1		Pool Name	1 - 1 0	
					161	ay Durg.	Jackson	5R-Q-G	-514
Property	Code	}			Property Nat	De J		Well Nun	aber
3025	95	,		N	HITE STAR	FED.		25	
OCRID N	υ.				Operator Nam	ne .		Elevatio	on
2291	37		COG Operating LLC					3616	S'
<u>-</u> ,	Surface Location								
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	29	17-S	29-E		890	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	s Joint o	r Infill Co	nsolidation (Code Ord	der No.				

	OPERATOR CERTIFICATION
7.068	I hereby certify the the information
3620.6' 3617.8'	contained herein is true and complete to the
1 -1-1-3017.0	best of my knowledge and belief.
3617.8' 3614.0'	Signature D. Cala
	Crissa D. Carter
	Printed Name
	Production Analyst
	Title
	10/4/2002
	Date
	SURVEYOR CERTIFICATION
	I haveby certify that the wall 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 betief.
	SEPTEMBER 16, 2002
	Date Survexed LA
	Signature & Seal OV HILL Professional Surveyor Signature MEX
	1/2 / 12/0667 2 1/8/02
	1 W. 1 V. 0001
	Certificate No. RONALD CORDSON 3239
	MINING CONTROL ON 12641

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

Energy, Minerals and Natural Resources Department

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

Submit to Appropriate District Office
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Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

P.O. BOX 2088, SANTA FE, N.M. 87504-2088	WELL LOCATION AND	ACREAGE DEDICATION	PLAT O AMENDED REPORT		
API Number	Pool Code	Pool Code Pool Name			
	96610	East	Empire Yeso		
Property Code	Property Code Property Name Well 1				
302 585	WHITE STAR FED. 26				
OGRID No.	•	ator Name	Elevation		
229137 COG Operating LLC 3618'					
		ce Location			

Township North/South line Feet from the East/West line Range Lot Idn Feet from the UL or lot No. Section County 29 17-S 29-E 1115 NORTH 330 WEST **EDDY** D

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

DETAIL	OPERATOR CERTIFICATION
in 3623.4' 3621.3'	I hereby certify the the information contained herein is true and complete to the
	best of my knowledge and belief.
SEE DETAIL	
350' 3615.8'	(less D) (arte
	Signature
	Crissa D. Carter Printed Name
	Production Analyst
	10/4/2002
	Date
	SURVEYOR CERTIFICATION
	I hereby certify that the well location shown
	on this plat was plotted from field notes of actual surveys made by me or under my
	supervison and that the same is true and
	correct to the bast of my belief.
	SEPTEMBER 16, 2002
	Date Surveyed Million LA
	Signature a Seal of Och
	Kmyst 83200 948/02
	1 1 1 02 11 0668; E
	Certificate No. RONALD 1 PLESON 3239
	TOPESSON 12641

DISTRICT I P.O. Box 1980, Hobbs, NM 86241-1960

State of New Mexico

Energy, Minerals and Natural Resources Department

Revised February 10, 1994

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Fee Lease - 3 Copies Santa Fe, New Mexico 87504-2088 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT □ AMENDED REPORT P.O. BOX 2088, SANTA FE, N.M. 87504-2088 API Number Pool Code STRYDUTG JACKSON SR-Q-G-SA Property Code WHITE STAR FED. Operator Name Elevation 3618 Derating Surface Location North/South line Feet from the UL or lot No. Section Township Range Lot Idn Feet from the East/West line County 29 17-S 29-E 1115 NORTH 330 WEST D **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 Joint or Infill Dedicated Acres Consolidation Code Order No. 40 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION DETAIL I hereby certify the the information 3623.4 3621.3' contained herein is true and complete to the best of my knowledge and belief. SEE DETAIL 3619.5 3615.81 Crissa D. Carter Printed Name Production Analyst Title 10/4/2002 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown

on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.

SEPTEMBER 16, 2002

Date Survegeonimming Also J. F.O. Professional Surveyo

Certificate No. RONALD LEISON
CARY ELBON
CHARLES OF THE COMMENT OF 3239