by OCD: 5/24/2022 12:08	8:47 PM					Pa
District I 1625 N. French Drive, Hobbs, NM 88 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87 District IV 1220 S. St Francis Dr, Santa Fe, NM 87505		State Energy, Minerals and OIL CONSEI 1220 S. Santa Fe, T	Revised A Submit application to t office with one	Form C-107-B Revised August 1, 2011 Submit the original application to the Santa Fe office with one copy to the appropriate District Office.		
	and the second se	the second s	COMMINGLING	(DIVERSE	OWNERSHIP)	
OPERATOR NAME:		ENERGY CORPORAT				
OPERATOR ADDRESS:	PO BOX	960 ARTESIA, NM 8	8211-0960			
APPLICATION TYPE:						
Pool Commingling X Lease (Comminglin	g Pool and Lease Con	nmingling Off-Lease S	Storage and Measur	ement (Only if not Surface	Commingled)
LEASE TYPE: Fee			1511			
Is this an Amendment to exis Have the Bureau of Land Ma X Yes □No	ting Order nagement	? X Yes 🗌 No If " (BLM) and State Land	Yes", please include th l office (SLO) been not	e appropriate Or ified in writing of	rder NoCTB-904 of the proposed comm	ingling
			L COMMINGLIN s with the following in			
(1) Pool Names and Codes		Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
 (2) Are any wells producing at (3) Has all interest owners bee (4) Measurement type: \[N (5) Will commingling decrease 	n notified b Aetering	y certified mail of the pro X Other (Specify)		Yes No.	ing should be approved	
			COMMUNICUM			
	-		SE COMMINGLIN s with the following ir			
 Pool Name and Code. Rou Is all production from same Has all interest owners been Measurement type: Measurement type:	e source of s notified by	supply? X Yes No certified mail of the prop		X Yes 🔲 No neters.	0	
[LEASE COMMEN	CLINC		
		• /	LEASE COMMIN s with the following in			
(1) Complete Sections A and I	Ξ.	- touse attach sheet	and the tono ming it			
Contraction of the second seco						second with a transfer and east three the

(D) OFF-LEASE STORAGE and MEASUREMENT Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No (2) Include proof of notice to all interest owners.

	AL INFORMATION (for all application types) attach sheets with the following information
 A schematic diagram of facility, including legal lo 	
A plat with lease boundaries showing all well and	facility locations. Include lease numbers if Federal or State lands are involved.
3) Lease Names, Lease and Well Numbers, and API	Numbers.
3) Lease Names, Lease and Well Numbers, and API	Numbers.
hereby certify that the information above is true and co	
hereby certify that the information above is true and co	
	mplete to the best of my knowledge and belief.

Received by OCD: 5/24/2022 12:08:47 PM





P.O. Box 960 Artesia, NM 88211-0960 Office (575) 748-1288 Fax (575) 746-9539

May 23, 2022

Oil Conservation Division Attn: Dean McClure 1220 South St. Francis Drive Santa Fe, NM 87505

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval to amend CTB-857. Added wells to previously outlined lands. All wells produce from the Round Tank; San Andres pool (52770) and will be commingled at CTB-857 located in the Unit M Sec. 22 T15S R29E.

This CTB request is for Oil only. Gas production is governed by CTB-887.

Allocation of production will be measured through well testing of individual wells. Wells will be tested once a month for a minimum 24 hours. The CTB is equipped with a test production train. Oil measured by tank gauging and gas measured using a Total Flow Meter. Water will be measured using a turbine meter.

This request is for all leases within this designated project area. Any future in-fill wells will be added using sundry notices and notification for only the wells added.

These leases have different working and override interest's ownership. All affected parties have been notified of this application via certified mail.

Commingling will not decrease the value of production.

Should you have any questions please contact me @ 575-748-1288.

Sincerely,

In which

Jerry W. Sherrell Production Supervisor jerrys@mec.com

JWS/

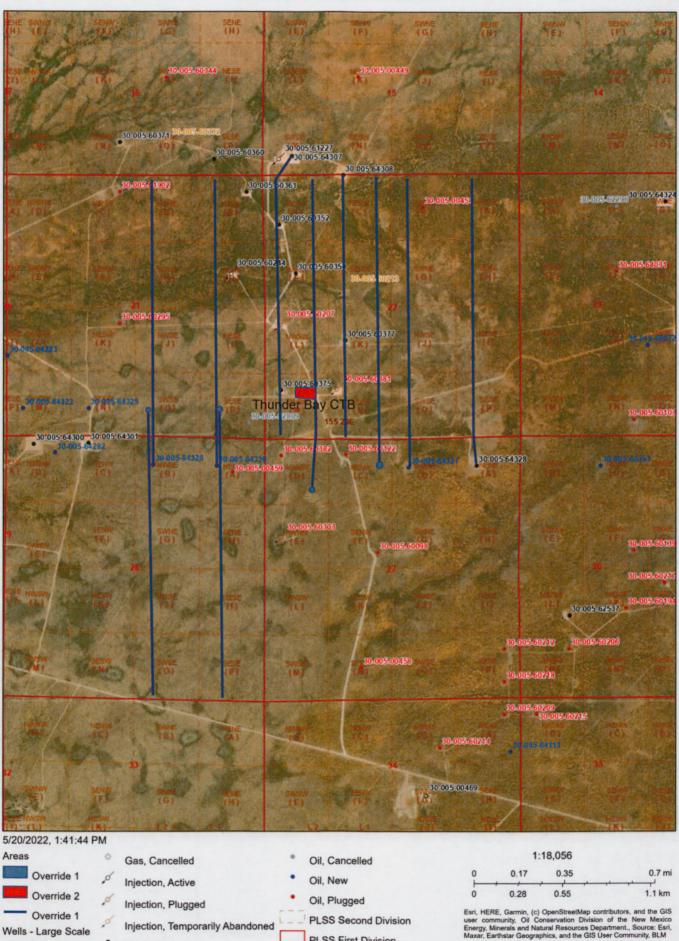
Enclosures CTB Well List Current Producers

Thunder Bay Federal Com 1H Hamilton Federal Com 1H 30-005-64308 CA NMNM139214 30-005-64307 CA NMNM141125

Added Producers

Grand Forks Federal Com 2H Grand Forks Federal Com 1H Spruce Grove Federal Com 1H Meadow Lake Federal 1H Thunder Bay Federal Com 2H Hamilton Federal Com 2H Colwood Federal Com 1H Parkesville Federal Com 1H 30-005-64328 CA NMNM140362 30-005-64327 Working on 30-005-64326 Working on 30-005-64330 Working on Pending CA NMNM139214 Pending CA NMNM141125 Pending Working on Pending Working on

OCD Well Locations



New Mexico Oil Conservation Division
Released to Imaging: 10/14/2022 1415:21 PM Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

Oil, Active

\$

Gas, Active

PLSS First Division

PLSS Townships

Received by OCD: 5/24/2022 12:08:47 PM

OCD Well Locations

NMNM105467519 NMNM105442955 SEHE (H) NMNM105517549 NMNM 141484 NM105333137 NMNM105318717 NMNM105544949 NMNM 139353 NMNM105691372 NWSV (L) (K) NMNM105369241) NMNM105463735 568609 1 8531 742 0404105444 NMNM 066485 NMNM1 05454658 30-005-60371 SESE (P) (N) 30.005-61227 30-005-60360 30 005 64307 30-005-64308 30-005- 1907 30.005 50361 Nr. 80-005-02203³⁰⁻⁰⁰⁵⁻⁰⁽³²⁴⁾ 20.005.0045 30-005-60352 041064305503412 104604105500 NMM4105502381 abarantos 444 (5) (14 (10) 11(5) 43 2 5 () 10110110 S0-005-602 04 MONT-COM 30-005-6035 SWNE (G) 30.005 102 1011011105584069 MI-INPA 131581 10100105450140 30-005-020 NMUIM 066484 NMNM105319995 0410410562279 20-005-00377 #4181105556-615-4697 844105397857 005-60 30-005-60375 20-003-64322-1-25-005-6432 30-005-0010 30-0054 2303 30:005:64300 30:005:64301 20-003-6 1882 30.005-0022 005.6454 30-005-64328 NPINM105 (C) 459 A) IMNM105552816 10556021 DEH0 1/065397 30 005 6080 SENW (F) NMNM105 SWHW {E} 20-005-00026 NMNM105397859 MINME 05 NMNM 131582 02 (1) (L) (J) (K) 30-005-62537 30-0 501 MNM105397860 101001-10110-0 \$01005-60212 No10-005-60206 10103-045 104001 0284972 101011105630107 1811211054161 10.005.00453 1011111105 466 NEWMI OS (MMNM105503361) 30-005-50218 NMNM 129259 60209 *30-005-60215 NMNM1 055 2883 2 (D) NENM (C) MMNM105321690 NMNM105381348 30-003-00204 NMNM105720989 NMNM 140713 30-005-00469 SENM (F) SENE (H) (L) NMNM105588832 NMNM205462980 L 1 5/20/2022, 1:42:42 PM Areas Oil and Gas Leases - Production Status 1:18,056 PLSS First Division Injection, Plugged Override 1 PLSS Townships Held by Actual Production Injection, Temporarily Abandoned 0.17 0.35 0.7 mi 0 Override 2 al Leases - Production Status Held by Allocated Production Geoth Oil, Active Non-Producing 0.55 1.1 km Held by Actual Production 0 0.28 Override 1 Oil, Cancelled Wells - Large Scale Authorized Held by Allocated Production U.S. Department of Interior, Bureau of Land Management (BLM), Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Oil Conservation Division of the New Mexico Energy, Minorals and Natural Resources Department, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, BLM Oil, New Gas. Active Non-Producing ZZA Authorized Oil, Plugged Gas, Cancelled Authorized Authorized PLSS Second Division

Case

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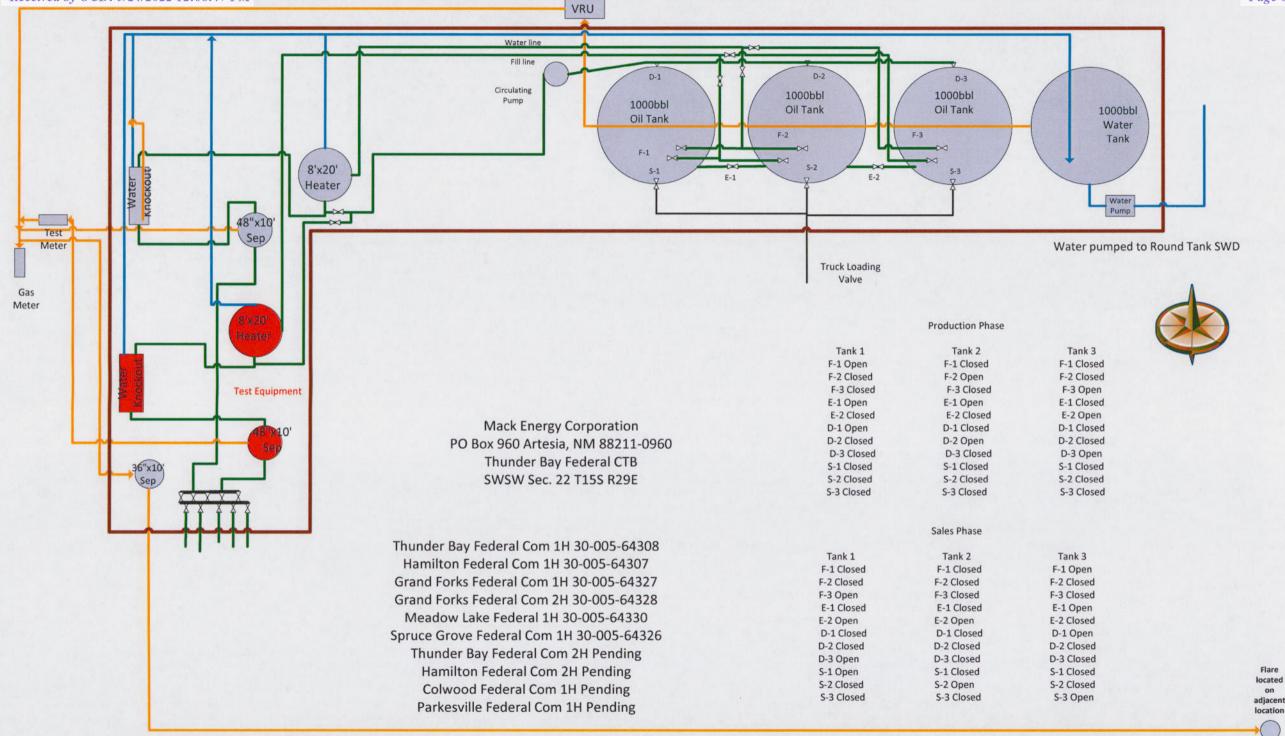
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Injection, Active

Page 5 of 49



Page 6 of 49





P.O. Box 960 Artesia, NM 88211-0960 Office (575) 748-1288 Fax (575) 748-7374

March 23, 2022

Mr. Dean McClure Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

RE: Mack Energy Corporation & Chase Affiliates

Dear Mr. McClure:

Mack Energy Corporation is a Chase Family owned entity. The following Chase individuals or companies are all affiliates of Mack Energy Corporation and usually own an interest in wells drilled and/or operated by Mack Energy Corporation.

- Mack C. Chase Trust
- Robert C. Chase or RDC Minerals LLC
- Richard L. Chase or Ventana Minerals LLC
- Gerene Dianne Chase Ferguson or DiaKan Minerals LLC
- Broken Arrow Royalties LLC
- Chase Oil Corporation
- Sendero Energy LLC
- Katz Resources LLC
- M Squared Energy LLC

All of these family members and companies all office in the same building so notifications can be hand delivered; therefore we request that the certified mail process be waived when these parties are involved.

If you have any questions or need additional information please do not hesitate to contact me. Your assistance is greatly appreciated.

Sincerely, Mack Energy Corporation

anda

Staci Sanders Land Manager

/ss

AFFIDAVIT OF PUBLICATION STATE OF NEW MEXICO

I, Noely Martinez Legals Clerk

Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico do solemnly swear that the clipping hereto attached was published in the regular and entire issue of said paper and not in a supplement thereof for a period of:

One time with the issue dated

July 26, 2022

Clerk

Sworn and subscribed to before me

this 26th day of July, 2022

Notarý Public



Legal Notice ...

Publish July 26, 2022

Legal Notice

To: Abbie Moody Cliff and any unknown person who has mineral interests in the W/2 Section 21 and Section 22, Township 15 South, Range 29 East.

Application of Mack Energy Corporation seeks administrative approval to amend CTB-857 to add additional wells and acreage to surface commingle oil and gas production from the Round Tank; San Andres Pool (Pool Code 52770) for existing and future wells and leases drilled within the mentioned area of diverse ownership in Section 21 & 22 T15S R29E.

Mack Energy is requesting approval to surface commingle production according to the provisions of NMAC 19.15.12.10.C from all existing and future wells. Pursuant to 19.15.12.10(C)(4)(C).. Any objection to this application must be filed in writing within twenty days from this date at the Division's Santa Fe office located at 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection has been made within the 20 days period, this application may be approved administratively by the Division. If you have any questions about this application, please contact Jerry W Sherrell, 11344 Lovington Hwy, PO Box 960, Artesia, NM 88211-0960, (575) 748-1288, jerrys@mec.com.

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Affected Parties	Interest Type	Certified Mail Number
Bureau of Land Management 2909 West 2nd Street Rowell, NM 88202-2909	RI	<u>7019 1640 0002 0377 9143</u>
Chase Oil Corporation P.O. Box 1767 Artesia, NM 88211	WI	HAND DELIVERED
RDC Minerals LLC P.O. Box 297 Artesia, NM 88211	WI	HAND DELIVERED
Ventana Minerals LLC P.O. Box 359 Artesia, NM 88211	WI	HAND DELIVERED
DiaKan Minerals LLC P.O. Box 693 Artesia, NM 88211	WI	HAND DELIVERED
Sendero Energy LLC P.O. Box 556	WI	HAND DELIVERED
Artesia, NM 88211 M Squared Energy LLC P.O. Box 211	WI	HAND DELIVERED
Artesia, NM 88211 Katz Resources LLC P.O. Box 7015	WI	HAND DELIVERED
Goodyear, AZ 85338 Lampert Royalty Trust 2008 8260 Manderville, #120	ORRI	<u>7019 1640 0002 0377 7880</u>
Dallas, TX 75231-1104 Rutter & Wilbanks P.O. Box 3186	ORRI	<u>7019 1640 0002 0377 7958</u>
Midland, TX 79702 David Van Cooper 169 Ramrod	ORRI	<u>7019 1640 0002 0377 7897</u>
Spring Branch, TX 78070 Sasha Smith Groeneveld 1530 PB Lane, #G4107 Wichita Falls, TX 76302-2612	ORRI	<u>7019 1640 0002 0377 7903</u>
Abbie Moody Cliff		<u>7019 1640 0002 0377 7910</u>

P.O. Box 804 Dexter, NM 88230	ORRI	
Hanson McBride Petroleum Company P.O. Box 1515 Roswell, NM 88202-1515	ORRI	<u>7019 1</u> 640 0002 0377 79 <u>27</u>
Rodney B. Webb 1580 Highway 24 Weed, NM 88354	ORRI	<u>7019 1640 0002 0377 7934</u>
Sarah C. Webb 2409 Cerro Rd. Artesia, NM 88210	ORRI	<u>7021 2720 0000 2140 7546</u>
Stephen & Sandra Curran, Trustees James M. Curran, Jr. Irrevocable Trust 400 E. Royal Lane, Suite 215 Irving, TX 75039-3512	ORRI	<u>7021 2720 0000 2140 7553</u>
Gulfshore Oil Company 4 Pine Forest Circle Houston, TX 77056	ORRI	<u>7021 2720 0000 2140 7560</u>
OXY USA WTP LTD Partnership P.O. Box 27570 Houston, TX 77227-7570	ORRI	<u>7021 2720 0000 2140 7577</u>
Burk Royalty Company, Ltd. P.O. Box 94903 Wichita Falls, TX 76308	ORR'	<u>7021 2720 0000 2140 8789</u>
The W.L. Todd, Jr. Unified Credit Trust P.O. Box 25449 Dallas, TX 75225	ORRI	<u>7021 2720 0000 2140 8796</u>
Harry L. Todd, Jr. 14017 Tanglewood Drive Dallas, TX 75234	ORRI	<u>7021 2720 0000 2140 8802</u>
Anne T. Barfield 19 Pleasant Valley Road	ORRI	<u>7021 2720_0000 2140 8819</u>
Wimberley, TX 78676 Susan E. McCracken P.O; Box 3966	ORRI	<u>7021 2720 0000 2140 8826</u>
Hobbs, NM 88241-3966 VMTWI, LLC		<u>7021 2720 0000 2140 8833</u>

ī.

P.O. Box 25449 Dallas, TX 75225	ORRI	
WLT/WI, LLC P.O. Box 12166 Dallas, TX 75225	ORRI	<u>7021 2720 0000 2140 8840</u>
Huddleston Mineral Trust 7049 River Ridge Drive College Station, TX 77845	ORRI	<u>7021 2720 0000 2140 8857</u>
Marbridge Foundation P.O. Box 3480 Omaha, NE 68103	ORRI	<u>7021 2720 0000 2140 8864</u>
Dallas Theological Seminary P.O. Box 3480 Omaha, NE 68103	ORRI	<u>7021 2720 0000 2140 8871</u>
Scofield Memorial Church P.O. Box 3480 Omaha, NE 68103	ORRI	<u>7021 2720 0000 2140 9373</u>
Salesmanship Club of Dallas 106 E. 10 th st., Suite 200 Dallas, TX 75203	ORR	<u>7021 2720 0000 2140 9380</u>
Debra Kae Todd 1107 Shawnee Trail Carrolton, TX 75007	ORRI	<u>7021 2720 0000 2140 9397</u>
Caza Petroleum LLC Four Greenspoint Place 16945 Northchase Dr., Suite 1430	ORRI	<u>7021 2720 0000 2140 9403</u>
Houston, TX 77060 Wise Oil & Gas No. 8 Ltd. 6851 NE Loop 820, Suite 200 North Richland Hills, TX 76180	ORRI	<u>7021 2720 0000 2140 9410</u>
The Barry J. & Sarah A. Thompson Living Revocable Trust 3100 South Juniper Place Broken Arrow, OK 74012	ORRI	<u>7021_2720 0000 2140 9427</u>
Tommy T. Todd 8815 Eustis Ave. Dallas, TX 75218	ORRI	<u>7021 2720 0000 2140 9434</u>

,

R L Todd, LLC 1107 Shawnee Trail Carrolton, TX 75007-6235	ORRI	<u>7021 2720 0000 2140 9441</u>
Scott Wood 109 N. Post Oak Lane, #230 Houston, TX 77024	ORRI	<u>7021 2720 0000 2140 9458</u>
SMT Trust P.O. Box 12166 Dallas, TX 75225	ORRI	<u>7021 2720 0000 2140 9465</u>
TMM Trust P.O. Box 25449 Dallas, TX 75225	ORRI	<u>7021_2720_0000 2140 9472</u>
Broken Arrow Royalties LLC P.O. Box 960 Artesia, NM 88211	ORRI	HAND DELIVERED

Received by OCD: 5/24/2022 12:08:47 PM





P.O. Box 960 Artesia, NM 88211-0960 Office (575) 748-1288 Fax (575) 746-9539

VIA CERTIFIED MAIL 7019 1640 0002 0377 9143

May 24, 2022

Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220

Dear Sir or Madam:

Mack Energy Corporation is requesting administrative approval from the NMOCD for approval to amend CTB-857. Added wells to previously outlined lands. All wells produce from the Round Tank; San Andres pool (52770) and will be commingled at CTB-857 located in the Unit M Sec. 22 T15S R29E.

This CTB request is for Oil only. Gas production is governed by CTB-887.

Allocation of production will be measured through well testing of individual wells. Wells will be tested once a month for a minimum 24 hours. The CTB is equipped with a test production train. Oil measured by tank gauging and gas measured using a Total Flow Meter. Water will be measured using a turbine meter.

This request is for all leases within this designated project area. Any future in-fill wells will be added using sundry notices and notification for only the wells added.

These leases have different working and override interest's ownership. All affected parties have been notified of this application via certified mail.

Commingling will not decrease the value of production.

Should you have any questions please contact me @ 575-748-1288.

Sincerely,

wsla

Jerry W. Sherrell Production Supervisor jerrys@mec.com

JWS/

Enclosures CTB Well List Current Producers

Thunder Bay Federal Com 1H Hamilton Federal Com 1H

Added Producers

Grand Forks Federal Com 2H Grand Forks Federal Com 1H Spruce Grove Federal Com 1H Meadow Lake Federal Com 1H Thunder Bay Federal Com 2H Hamilton Federal Com 2H Colwood Federal Com 1H Parkesville Federal Com 1H 30-005-64328 CA NMNM140362 30-005-64327 Working on 30-005-64326 Working on 30-005-64330 Working on Pending CA NMNM139214 Pending CA NMNM141125 Pending Working on Pending Working on

30-005-64308 CA NMNM139214

30-005-64307 CA NMNM141125

District 1 1625 N. French Dr., Liobbs, NM 83240

811 S. First St., Anesia, NM 88210

District II

District III

District IV

Phone: (575) 393-6161 Fax: (575) 393-0720

Phone (575) 748-1283 Fax: (575) 748-9720

1220 S. St. Francis Dr., Sante Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

1000 Rio Brams Road, Artec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 NMOCD-REC'D: 8/25/2020

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT										
' 'A	PI Number	r		⁴ Pool Cod	e	³ Pool Name				
30-005-64	4307		5277	70	Ro	Round Tank; San Andres				
* Property	Còde				* Propert	ty Name			" Well Namber	
320519			HAMILTON FEDERAL COM 1H							
'OGRID	No.		⁴ Operator Name							
1383;	7		MACK ENERGY CORPORATION						3863.7	
Surface Location										
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West	line County	
М	15	15 S	15 S 29 E			SOUTH	598	WES	T CHAVES	
			۳B	ottom He	ole Location	If Different F	rom Surface			
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Fect from the	East/West	line County	
M	22	15 S	29 E 2 SOUTH 329 WEST						T CHAVES	
¹⁰ Dedicated Acres	s Joint	or lofill "C	onsolidation	a Code	••••	" Order No.				
160										

State of New Mexico

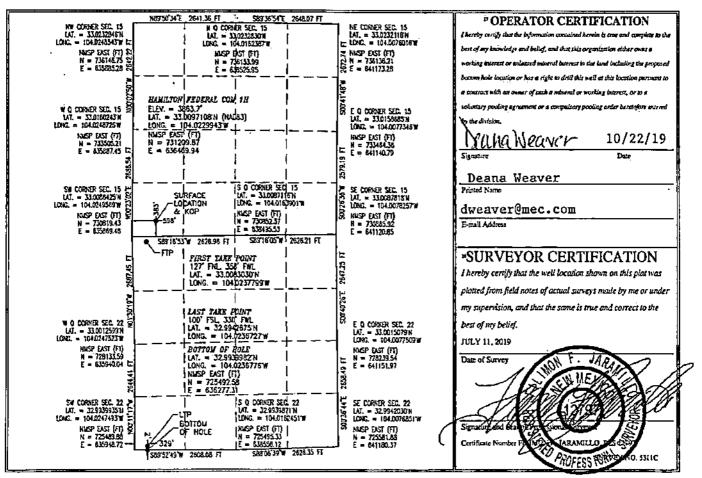
OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Energy, Minerals & Natural Resources Department

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.



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

160

 District I
 State of New Mexico

 1625 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-6161 Fax: (575) 393-0720
 Energy, Minerals & Natural Resources Department
 Revis

 District II
 State of New Mexico
 Iteration of the state of New Mexico
 Revis

 District II
 OIL CONSERVATION DIVISION
 Submit one of the state of New State of New Mexico

 Phone: (575) 748-1283 Fax: (575) 748-9720
 OIL CONSERVATION DIVISION
 Submit one of the state of New Mexico

 Phone: (575) 748-1283 Fax: (575) 748-9720
 1220 South St. Francis Dr.
 Iteration of the state of New Mexico

 Phone: (505) 334-6170
 Santa Fe, NM 87505
 AM

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

¹ API Number ² Pool 0 52 7 7									
ode			НА	and the second	Name	-		⁶ Well Number 2H	
⁷ OGRID No. 13837 MA					⁸ Operator Name ACK ENERGY CORPORATION				
				1º Surface	e Location				
Section 27	Township 15 S	Range 29 E	Lot Idn	Feet from the 910	North/South line NORTH	Feet from the 990	East/West line WEST	County CHAVES	
		n F	Bottom H	ole Location	If Different Fr	om Surface			
Section 22	Township 15 S	Range 29 E	Lot Idn	Feet from the 1	North/South line NORTH	Feet from the 990	East/West line WEST	County CHAVES	
	Section 27 Section	Section Township 27 15 S Section Township	ode io. Section Township Range 27 15 S 29 E 11 <u>F</u> Section Township Range	ode HA io. MACI Section Township Range Lot Idn 27 15 S 29 E "Bottom H Section Township Range Lot Idn	io. *Operator MACK ENERGY C *Operator MACK ENERGY C *Output *Operator MACK ENERGY C *Output *Output *Output *Operator *Operator *Output *Operator *Oper	⁵ Property Name HAMILTON FEDERAL COM * Operator Name MACK ENERGY CORPORATION * Operator Name MACK ENERGY CORPORATION * Surface Location Section Township Range Lot Idn Feet from the North/South line 27 15 S 29 E 910 NORTH * Bottom Hole Location If Different Fr Section Township Range Lot Idn Feet from the North/South line	⁵ Property Name HAMILTON FEDERAL COM * Operator Name MACK ENERGY CORPORATION * Surface Location Section Township Range Lot Idn Feet from the NORTH 990 ** Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the NORTH 990	* Property Name Indext State MACK ENERGY COM * Operator Name MACK ENERGY CORPORATION * Operator Name MACK ENERGY CORPORATION * Surface Location Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line 27 15 S 29 E 910 NORTH 990 WEST ** Bottom Hole Location If Different From Surface *** Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line	

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.

NW CORNER SEC. 22- LAT. = 33.0086425'N L LONG. = 104.0249569'W 97 NMSP EAST (FT) N = 7308194 W/4 CORNER SEC. 22 W/4 CORNER SEC. 22 WMSP EAST (FT) N = 726135.06 L E = 635940.04 SECTION CORNER ON LAT. = 32.9939955'N LONG. = 104.0247493'W MMSP EAST (FT) N = 725458.88 R0 LAT. = 635948.72 000	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	In OPERATOR CERTIFICATION In OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either cons a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date Jest (F1) Tented Name interest (F1) Printed Name isonator isona
W/4 CORNER SEC. 27 LAT. = 32.9867332'N = 7 LONG: = 104.0247624'W NMSP EAST (FT) N = 722848.37 E = 635952.44 SW CORNER SEC. 27 LAT. = 32.9794483'N LONG. = 104.0247868'N NMSP EAST (FT) N = 720197.91 E = 635952.76	LONG. = 104.0215258'W NMSP EAST (FT) N = 7276582.20 E = 636939.75 SEC 27 SFC 27	COENER SEC. 27 32.986902014 FINAL SEC. 27 32.986902014 EAST (F1) T22925.43 641145.84 DORNER SEC. 27 32.9796977N 1.104.00768427W Signature and Seal of Corrections Signature and Seal of Corrections COENTRE SEC. 27 32.9796977N 1.104.00768427W CoENT (F1) Coent of Survey Signature and Seal of Corrections Coentificate Number: Co

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NM OIL CONSERVATION **ARTESIA DISTRICT**

OCT 2 4 2018

Disate 1 1623 N. French Dr., Hobbs, MM 53240 Phone: (575) 393-4161 Far: (575) 393-0720 Distin II 111 3. Fire S., Artada, NM 61210 Phoen: (575) 748-1283 Far (515) 748-9720 District 111 1000 Rio Brezzo Rond, Astro, NM 87410 Phone: (505) 334-6178 Fas: (505) 334-6170 Dispically 1220 9 St. Francis Dr., Sama PA, NM 87505 Phone: (505) 476-3460 Faz: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department RECEIVED vised August 1, 2011 OIL CONSERVATION DIVISION Submit one copy to appropriate **OIL CONSERVATION DIVISION** 1220 South St. Francis Dr. Santa Fe, NM 87505

District Office

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AMENDED REPORT

Form C-102

		W	ELL LO	CATIO	N AND ACE	EAGE DEDIC	ATION PLA	THOL	Drilled	
APJ Number Poci Code 30-005-64308 52770						Pool Name Round Tank; San Andres				
*Property 32050	Code				Proper UNDER BAY	y Name FEDERAL CON				
'OGRID 1383				MA	[†] Öpenti CK ENERGY			1H 'Elevertion 3844.9		
					" Surface	Location				
UL or tot as.	Section 22	Township 15 S	Range 29 E	Lot Idn	Feet from the 10	North/South line NORTH	Feet from the 1650	Eent/West I WEST	[••••••	
			E	lottom H	lole Location	If Different Fr	om Surface			
UL er lot vo. N	Section 22	Toweship 15 S	Range 29 E	Lot Idn	Feet from the 12	North/South line SOUTH	Feet from the 1684	Eest/West		
¹⁹ Detilested Acres 160	Joint o	r fofti	onsolidadoo	Code ¹¹ Ó.	rder No.	·	· ·		<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.

NB3*16*33*E 2626.96 FT ** OPERATOR CERTIFICATION NW CORNER SEC. 22 N © CORNER SEC. 22 N © CORNER SEC. 22 Iteruby cardy that the information contained harms is now and complete NW CORNER SEC. 22 LAI. = 33,0087116*N LAI. = 33,008718*N Iteruby cardy that the information contained harms is now and complete LAI. = 33,0087438*N LONG. = 104,007825*N LONG. = 104,007825*N Iteruby cardy that the information contained harms is now and complete LONG. = 104,0183901*W LONG. = 104,007825*N Iteruby cardy that the information contained harms is now and complete NUSP EAST (FT) NUSP EAST (FT) NUSP EAST (FT) N = 730825/32 N = 730825/32 N = 730825/32
UA1. = 33.0086425N P UANG. = 104.0218559TW LONG. = 104.0078257W UANG. = 104.0218559TW NuSP EAST (FT) NUSP EAST (FT) NUSP EAST (FT) NUSP EAST (FT) N = 730832.37
LONG. = 104.024355971 I NuSP EAST (17) NUSP (17) NUSP EAST (17) NUSP EAST (17) NU
No.57 EAST (71) No. 730327.37 No. 730327.37 No. 73032.37
H = 730819.43 $E = 639495.53$ $E = 641120.85$ E but in parameters is a contract with an owner of much a soluted or working
AS-DRILLED
AS-DRULED MUNDER BAT SAPAKAL CON IN
$\begin{array}{c c c c c c c c c c c c c c c c c c c $
E KASP EAST (7) N ≈ 730850.07 N ≈ 730162.75 E = 6375 9.31
E = 637579.07
E Q CORVER SEC. 22 dweaver@mec.com
LAT. = 33.00150rg/N E-mail Address
LONG - 104.02473215W CITILDE AND LONGTUDE COCOMMANTE ARE CARE & IN LONGTUDE
INST EAST (1) 1983 (NAORS) USED NEW NEXT STATE PLANE N & 728119 44 OCTOD CEDITERICA / TONI
EAST COORDINATES ARE GRID (MADAS) BASIS OF $f = Extractor = 0.0000000000000000000000000000000000$
E = 635940.04 SEARONG AND DISTANCES USED AND REAL NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE AS-DRILLED SUBTRACE VERICL DATUM NAVERA
LAST TARE POINT
\sim
S LONG. = 104.0192556W UI. = 32.9940226N Same is true and correct to the best of my belief.
1 x1 NUSP EXT (71)
N = 725571.33
SN CORNER SEC. 22 LAT. = 32,993935N BHL SQ CCRNER SEC. 22 SE CORNER SEC. 22 SE CORNER SEC. 22
NUSP EAST (FT) U.T. = 32,99380711N U.T. = 32,9942030TN N T 25489.06 N 1045 E 104 00766511V
AS-DRILLED N = 72592.33
LTP E = 641180.37 Conficere Northof BLANCH P. LARKAIN C. 9 3 12707
589 53 49 W 2508.00 IT SERVEY NO. 5112C

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Rond, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

160

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

		W	ELL LC	DCATIO	N AND ACE	REAGE DEDIC	CATION PLA	Т		
¹ API Number ² Pool C 52,770						Round Tas	k: San			
⁴ Property Code TH					⁵ Property Name HUNDER BAY FEDERAL COM				⁶ Well Number 2H	
⁷ OGRID No. 13837 MA					⁸ Operator Name CK ENERGY CORPORATION				⁹ Elevation 3851.7	
					1º Surfac	e Location				
UL or lot no. C	Section 27	Township 15 S	Range 29 E	Lot Idn	Feet from the 710	North/South line NORTH	Feet from the 2310	East/West line WEST	County CHAVES	
			пI	Bottom H	lole Location	If Different Fr	om Surface			
UL or lot no. C	Section 22	Township 15 S	Range 29 E	Lot Idn	Feet from the 1	North/South line NORTH	Feet from the 2310	East/West line WEST	County CHAVES	
² Dedicated Acr	es 13 Joint	or Infill 14	Consolidatio	n Code	¹⁵ Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	N89'16'52"E 2626.96 FI N89'16'05"E 2626.21 FT		"OPERATOR CERTIFICATION
NW CORNER SEC. 22		NE CORNER SEC. 22	I hereby certify that the information contained herein is true and complete
LAT. = 33.0086425'N L LONG. = 104.0249569'W	BOTTOM // LAT. = 33.0087116'N LONG. = 104.0163901'W	LONG. = 104.0078257"W	to the best of my knowledge and belief, and that this organization either
NMSP EAST (FT)	OF HOLE NWSP EAST (FT) N = 730852.37	MMSP EAST (FT)	owns a working interest or unleased mineral interest in the land including
N = 730819.43 gs $E = 635869.46$ \approx		8 E = 641120.85	the proposed bottom hole location or has a right to drill this well at this
×	BOTTOM OF HOLE LAST TAKE POINT LAT. = 33.0087006'N 100' FNL, 2310' FWL	20 2	location pursuant to a contract with an owner of such a mineral or working
1.02	LONG. = 104.0174229'W LAT. = 33.0084286'N	740	interest, or to a voluntary pooling agreement or a compulsory pooling order
W/4 CORNER SEC. 22	1100 LOST (1) N _ 730749 45	E/4 CORNER SEC. 22 LAT. = 33.0015079'N	heretofore entered by the division.
LONG. = 104.0247523'W	$ \begin{array}{c} N = 750847.40 \\ E = 638178.93 \\ SEC 22 \\ \end{array} \begin{array}{c} N = -75076.45 \\ E = 638181.53 \\ \end{array} $	LONG. = 104.0077509'W NMSP EAST (FT)	A ind the elastras
NMSP EAST (FT) N = 728133.60	FIRST TAKE POINT 100' FSU, 2310' FWL	T N = 728239.53	Signature Date
E = 635940.04	LAT. = 32.9942627N LONG. = 104.0172171'W	€ = 641151.97	Signature Date
644	N = 725594.67 E = 638257.79	2656	Jerry W.Sherrell
W 2		μi e	Printed Name
£1.1	LAT. = 32.9939871'N LONG. = 104.0162451'W	36.4	jerrysemec.com
SECTION CORNER	FTP NMSP EAST (FT)	SECTION CORNER	E-mail Address
LAT. = 32.9939935'N Z LONG. = 104.0247493'W	N89'52'49"E N = 725495.32 E = 638556.12 N88'06'39"E	LONG. = 104.0076851'W	
NMSP EAST (FT)	2608.08 FT 3 SURFACE 2626.36 FT	NMSP EAST (FT) = N = 725581.88	*SURVEYOR CERTIFICATION
N = 725489.88 Zo E = 635948.72 Q	- LOCATION	E = 641180.36	
)4'5	- 2310'	657.	I hereby certify that the well location shown on this plat
×	THUNDER BAY FEDERAL COM 2H	(i) 36	was plotted from field notes of actual surveys made by
264	ELEV. = 3851.7' LAT. = 32.9920370'N (NAD83)	4	me or under my supervision, and that the same is true
W/4 CORNER SEC. 27	LONG. = 104.0172209'W NMSP EAST (FT)	A E/4 CORNER SEC. 27	and correct to the best of my belief.
LAT. = 32.9867332'N I LONG. = 104.0247624'W	N = 724784.92	<pre>X LAT. = 32.9869020'N LONG. = 104.0078245'W</pre>	APRIL 26, 2022
NMSP EAST (FT)	E = 638259.08 SEC 27	NMSP EAST (FT)	
N = 722848.37 E = 635952.44		E = 722925.43 E = 641145.84	Date of Survey
1.14	i i l	22.5	- Of Stand of O
265			A A A A A A A A
SW CORNER SEC. 27 ≱ LAT. = 32.9794483 N 🛨	S/4 CORNER SEC. 27 LAT. = 32/9795754"N	SE CORNER SEC. 27	- AMAR AND IS
LONG. = 104.0247868'W	LONG. = 104.0162414'W	5 LONG. = 104.0076842'W 5 NMSP EAST (FT)	Signature and Seal of Proceeding Surveyor.
NMSP EAST (FT) N = 720197.91 2	NMSP EAST (FT) N = 720251.95	$\Re = \frac{1}{720304.10}$ E = 641196.96	Certificate Number: LABANULO LS 12797
E = 635952.76	E = 638573.05 S88*49'07"W 2621.53 FT S88'51'41"W 2625.11 FT	1	TOUSISAVE NO. 9371A

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18		-	\sim

Distuct.) 1625 N. French Dr., Rubbs, NM 88240 Phone: (\$75) 191-6161 - Fax: (\$75) 393-0720 Distoict 11 811 S. First St., Artesta, NAI 85210 Pluone (\$73) 748-1283 Fax (\$75) 745-9720 Distoct [1] 1000 Rie Brates Read, Artee, NM 37410 Phone, (505) 334-6175 Fax, (505) 334-6170 Distingly 1220 S. St. Francis Dr., Santa Fe, NM \$1505 Phone (\$05) 476-3460 Fax (\$03) 476-3462

DEC 1 3 2018 Form C-102 State of New Mexico Revised August 1, 2011 Energy, Minerals & Natural Resources Department Revised August 1. 2011 OIL CONSERVATION DIVISION DISTRICT II-AFTESIAR Concept to appropriate **District Office** 1220 South St. Francis Dr. Santa Fe, NM 87505 AMENDED REPORT

WELL LOCATION .	AND ACREAGE	DEDICATION PLA	A1

	DOS	-64327	527	52770 Round Tank; San Andres						
Property (Property	Name			* Well Number	
3230	14			GRA	ND FORKS F	EDERAL COM			iH	
OGRID (Operator	Nanie			* Elevation	
13837	, [MACK ENERGY CORPORATION					3865.6	
					* Surface	Location				
UL of lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
В	27	15 S	29 E		565	NORTH	2285	EAST	CHAVES	
		• •	" B	ottom He	ole Location	If Different Fr	om Surface	· · · ·	. <u> </u>	
UL or lot no.	Section	Township	Range	Lot Ido	Feel from the	North/South line	Feet from the	East/ West line	County	
В	22	15 S	29 E		10	NORTH	2285	EAST	CHAVES	
Dedicated Acres	o solat "	r Infill "Co	isolidation	Code "Or	der No.	·			L	
160										

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.

	M89 16'53 7 2820 95 FT 1 189 1505 T 2626 20 FT		"OPERATOR CERTIFICATION
NW CORNER SEC. 22	N/4 CDRUER SEC. 221	NC CORMEN SEC. 22	I bench certify that the information contained here a is the and complete to the
LAT. = 33.0085425% E LONG = 104.0249569%		E LAT. = 33.0087818'N	here of my horseledge and helief, and that this accuration other wan a
NUSP FAST (FT)	MASP EAST (FT)	KUSP EAST (FI)	working where a combined many inverses in the land including the properties
N - 730819 43	N = 730652.37 CUP {E = 538495.53	H = 73088197 E = 64112085	
E = 02300940			bottam hale beent, or no has a right to strill this writes the boatton parameters
	100' FNL 2285' FEL UN = 110086913N	N N	a contract with an owner of such a mineral or working before, or to a
W/4 CORNER SEC. 22 1	LAR. = \$1,008446011 LARE = 04,0152770W LONG = 104,0152745W IMSP EAST (F7)	₹ 8 E/4 Corner sec. 22	reparted borger and the second to a contract of the second one and
LAT. = 33.0012599M 5	NUSP EAST (FT) N = 736846.74	1AT. = 33.0015079 N	Angle Anun
LONG = 104.0217523W	$\begin{array}{c} n = 13075677 \\ E = 63883781 \end{array}$	LONG. = 104.0077509W HUSP EAST (71)	Dana Weaver 9.18.15
NMSP CAST (FT) N =, 726133.00 b	680 40	g R = 728239.54	Luna viener 1.1010
E - 635910.01		₩ C = 641151.97	Signature Date
	I FIRST TAKE POINT 100 FSB, 2285 FEL		
10		N	Deana Weaver
, and the second s	GLARTER CORNER, LONG 104.0151350W		
	LONG # 104.0162451 W # = 775608 54	,9E.	dweaver@mec.com
SECTION CORNER S	HUSP EAST (FT) C = 638896.14 IN = 775495.33	B SECTION CORLER	E neal Address
LAT. = 32.9939935N 2 LOHC. = 104.0247493W	E = 613558.121 N38700'39 E	LONG. + 104.0076851'#	1 1
HASP DIST (FT)	N89 32 49 E 2608 07 FT 2626 33 FT	MASP CAST (FT) - 11 = 725381.88	
H = 725489.88 E E = 035948.72	2285'	E = 64(180.36	SURVEYOR CERTIFICATION
	GRAND FORKS	2.7	I hereby certify that the well location shown on this plot was
ž	FEDERAL CON IN GLOCATION	55	plotted from field notes of actual surveys made by the or under
, j	LAT 32.9924612H (NAD83)	Ł	
E.	LONG = 101.0151700 W NNSP EAST (FT) SEC.1 27	9 9	my supervision, and that the same is true and correct to the
W/4 CORNER SEC 27 6	IN = 724941.13	S E/4 CORNER SEC. 27	best of my belief.
lat = 32.9857332# 5 Long. = 101.0247625#	E = 638887,41 ;	UNC. = 32.98690207N	AUGUST 8. 3018
INISP EAST (FT)	NOTE UNTITUDE AND LONGILIDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983	NUSP EAST (FT)	
H = 722848.37 E	(NADD3), USTED NEW MEXICO STATE PLANE EAST COORDINATES ARE CRID (NADD3), BASIS OF BEARING	$E = 727925 \cdot 3'$ a = 641145.84	Date of Survey
L = 0.35532.94 m	AND DISTANCES USED ARE NEW WITCO STATE PLANE		
	EAST COORDINATES MODIFIED TO THE SURFACE ELEVATION VALUES ARE MUND BB.	233	1.1.11
SW CORNER SEC. 27 3	S/4 CORDER SEC. 27	LE SE CORNER SEC. 27	1. H. Baller H. In
LAT: - 32.979148311 ±	LAT, = 32,9795754	3 LAT. = 32.9795967 H	THE MAN HALL
LONG. = 104 0747868W		5 LORIC. ← 10100768427W 5 N¥SP EASI (FT)	Signative and deal of Professioner Surveyor
8659 EASI (F7) 5 N = 720197.92 2	MMSP (AST (F1) N = 720251.93	นี้ พ = 720304.10	Considere Number Fill INTIN 1- JARAMULLO, PLS 12793
E = 63595276	L = 636573.05	E = 641195.97	, i
	588'49'07 W 2621 52 FT 588'51'41 W 267'1 10 FT		L- SURVEY NO 6424

·Ruf 12-18-18

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<u>District.]</u> 1625 N. French Dr., Hobba, NM 88240	State of New Mexico	Form C-102
Phone: (\$75) 343-6161 Fax. (\$75) 393-0720 Disticuli	State of New Mexico Energy, Minerals & Natural Resources De	partment 1 3 2010 Revised August 1, 2011
811 5. Fest St., Artesia, NM 88210 Phone: (\$15) 745-1233 Fax: (\$75) 745-9720	OIL CONSERVATION DIVISION	Submit one copy to appropriate DISTRICT II-ARTESIA O.C.D. District Office
District III 1000 Rio Brazos Road, Azter, NM 57410	1220 South St. Francis Dr.	DISTRICT IN ANTLESS OF THE DISTRICT ON LE
Phone: (505) 334-6175 Fax: (505) 334-6170	Santa Fe NM 87505	AMENDED REPORT

District III
1000 Rio Brozos Road, Aztet, NM 57410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Sama Fe, NM 87505
Phone: (505) 470-3460 Fas: (305) 476-3462

Santa	a Fe	NM	87505
Sama	а ге,	TATAT	0/202

		WE	LL LC	IOITAO	N AND ACR	EAGE DEDIC	CATION PL	AT		
	API Number Pool Code Pool Name D-005-64328 52770 Round Tank; San Andres									
Property 3230	Code		Property Name GRAND FORKS FEDERAL COM						* Well Number 2H	
'OGRID 1383	No.			Operator Name MACK ENERGY CORPORATION					' Elevation 3880.4	
		· · · · ·			• Surface	Location				
UL or lot no. A	Section 27 ·	Township 15 S	Range 29 E	Los Idn	Feet from the 565	North/South line NORTH	Peet from the 900	East/West line EAST	County CHAVES	
	_	<u> </u>	" B	ottom Ho	ole Location	If Different Fr	om Surface			
UL or tot no. A	Section 22	Township 15 S	Range 29 E	Lot Ida	Feet from the 10	North/South line NORTH	Feet from the 965	East/ West line EAST	County CHAVES	
Dedicated Acres	Joint o	r Iafili ¹⁴ Cor	nsolidution	Code "Or	rder No.	·····	· · · · · · · · · · · · · · · · · · ·			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

		N89'16'53"E 2625.95 FT #89'16'05"E 2626.20 FT		"OPERATOR CERTIFICATION
10 C	ORNER SEC. 22	8/4 COMMER SEC 22	CORNER SEC. 22	I hereby carify that the information contained barely is true and complete to the
1A), =	33.0086425°H	LAT 33.003711571	- 33.0087818N	here of my low-ladge met helpf, and that this arguntation either men a
N.	104.0249565W 🗍 NISP EASI (FT) 🕺	EXIST DAST (FT) 1 POINT 1 1 2 MUSP	P EAST (FT) 730203.92	working largers or unbrand mineral extenses in the land including the prop-and
	N = 735819.43	1 • 1 · · · · · · · · · · · · · · · · ·	641120.85	breasts hade location or bus a right to skill this well at this booting purposes to
	ξ			ક (ભાગપાદ) મહેતે આ ઉપયોગ છું આવે છે કાર્યવરથી છે આવેલેલું કેર કાર્યદ્વ છે. છે કેર છે
	i i i i i i i i i i i i i i i i i i i	LAST TATE POINT		submany preting agreement in a comprising posting radet here open and
	ORNER SEC. 22	I LIT - TEMPSIELED UNI. 19 JJ.000/200 N 18 1/1	CORNER SEC. 22	Topos division. 1.1
	33.0012599 <i>8</i> ¥ 104.0247523W	1000 EAST (77)	G. = 101.0077509'W	Jan Willer 9.13.13
	agp east (FT) N = 728133.60 -	E = 640156130 E H =	SP EAST (FT) 728239.54	
	E = 635940.04	PIRST. TARK POINT	641151.97	Signature Date
	1	100 [°] <i>PSL</i> , 065 [°] <i>PEL</i>		Deana Weaver
•	46			Pined Nate
	Č.	N = 725650.05		dweaver@mec.com
			TION CORNER	
	SECTION CORMER 0	N 725495.331 POINT	. = 32.9942030M	E-mail Address
	- 104.0247493W	AMO(1-2) 40 5 2408 02 57 1 2626.35 F7 1 NUS	SP EAST (FT)	
	NAISP EAS1 (FT) N = 725489.85 (2	SURFACE	725501.88	"SURVEYOR CERTIFICATION
	E + 635918.72			I hereby certify that the well location shown on this plat was
	545	CRAND FORKS FEDERAL CON 28N		plotted from field notes of actual surveys made by me or under
	~ }	i — £12V. = 3380.4'		my supervision, and that the same is true and correct to the
		LAT, I = 32.9925750% (NAD33)		
W/4 CC	DRIVER SEC. 27 b	NUSP EAST (FT)	CORNER SEC. 27	best of my helief. A her a difference and her a
ĽAT. =	32.9887332 H E		. = 32,985907011 G. = 104.0078245W	AUGUST \$ 2013
N	USP EAST (FT)		sp east (FT)	Units of Survey
	# = 722848.31 t. E = 635952.44	MORTH ANFRICAN DATUSE OF 1983 (NADAS) LESTED NEW	• 772925,43 • 641145,84	To any to a
		NEDICO STATE PLANE EAST COORDINATES ARE GRID (NAUDA). BASIS OF BELFING AND DISTANTIS USED ARE HEM MEXICO STATE FMALE EAST COORDINATES LOOPIED TO THE SURFACE		
	2651	STATE PLANE EAST COORDINATES KOOFFED TO THE SURFACE		An Allinging
	PHER SEC. 27 . J		CORNER 5£C. 27 . = 32,979696744	ZV BOSK-STIVIII. ISIN
	32,979448311 ×	LONG 104.01624147W	IG = 104.0076942W	Start for Stat Stat of roles hores Superior
	HSP EAST (FT) 👸		SP EAST (F1) = 720304,10	Centicate Number FilthMON F. Janamilla, PLS 12797
	1 • 720)97.92 Z E • 635952.76	<u>[= 838571.05</u>	- 641195.97 (SURVEY NO 6323A
		568'49'07'W 2621.52 FT 588'51'41'W 2625.10 Ft		anyte NO 12.31
				1/

Rul 12-18-18

1220 S. St. Francis Dr., Sama Fe, NM \$7505 Phone (303) 476-3460 Fax. (505) 476-3462

Runder IV

District 1 1625 N. French Dr., Hobba, NM 35240 Phone, (373) 303-6161 Fav: (373) 104-0720 District 11 2115 Firs St., Arnesia, NM 85210 Phone, (375) 745-1243 Fax: (375) 735-9720 Ratic 1111 1020 Pho. Biratos Road, Arter, NM 87410	State of New Mexico Energy, Minerals & Natural Resources Depar OIL CONSERVATION DIVISION DIVI	DEC 1 3 2018 tment STRICT II-ARTÉSIA	Revised August 1, 2011
Phone: (502) 334-6133 Fax: (505) 334-6130 Dunie: IV	Santa Fe, NM 87505	L.	AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number ¹ Pool Code Pool Name 30-005-64326 Round Tank; San Andres 52770 Property Code Property Name * Well Number 3730/3 SPRUCE GROVE FEDERAL COM 1**H** OGRID No. Operator Name Elevation 13837 MACK ENERGY CORPORATION 3817.5 Surface Location UL or lot no. Section Towaship Lot Idn Feet from the Range North/South line Feet from the East/West Bne County B 28 29 E 15 S 565 NORTH 2285 EAST CHAVES . Bottom Hole Location If Different From Surface UL or fel pa. Section Township Lot Ida Range Feet from the North/South line Feet from the East/ West line County B 21 15 S 29 E 5 NORTH 2285 EAST CHAVES " Dedicated Acres ¹⁾ Joint ar Infill **Consulidution Code** ⁰ Order No. 160

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.

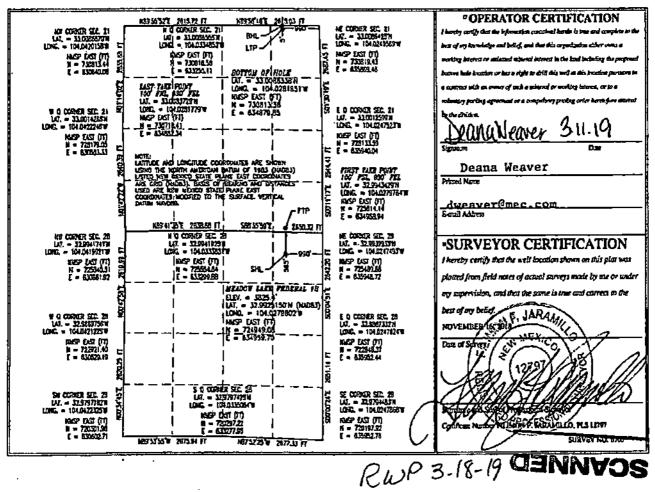
			"OPED ATOP OPPOTICIOATION
	N395552°C 2815.72 FT 142956°15°C 2815.03 FT		"OPERATOR CERTIFICATION
N# CORIER SEC. 21 LAT. = 35.006667012	UL + 13.000655511 A BOTTON	ME CORVER SCC. 21 LAT. = 33.008842514	Thereby comp that the advances is uniqued berry is true and complete to the
LONG 104,042015EW		- 1016. • 104.0745569W	bers of ma laundalge and belief, and thay day requirization exher mans a
11 • 1422(14) - 3	HUSP LAST (IT) BOTTOW OF HOLE N = 730316.53	2 INSP EASI (77) 5 H = 730819.43	marking between an unknown account success in the band including the programmed
[= \$30540.05 ×		H = 730619(43 H = 635859,45 F = 635859,45	h an on bulle inclusion on has a right or drill die writ at fur it watten pursuant in
12	LAST TAKE J MMSP EAST (FI) POINT N = 730811.95	ະ ່	a contrast with an owner of such a mineral or working rateries, so by a
· · · · · · · · · · · · · · · · · · ·	LAST TAKE POINT E = 633585.19	s	when a visit a convert of a convertion particle and a brandom and all
W 0 CORACE SUC. 21 2	100 F.S.L. 2285 FEL	A E O CORNER SEC. 21	
LAT. • 33,001426671 LONG = 104,0427274674	LA1, = 31.008379211 LOHC, = 104.032401210 +	LAT. = 33.0012399W 10x5. = 104.3247523W	Northing 1 (an In/C (1992)
MSP LIST (IT)	NUSP (AST (FI) 1	NAGP EAST (F1)	Deana Weaver 9.18.13
H = 723179.05 C = 630583.13	E = 633587.68	22 + 72813359 E E = 635910.04	Signature Date
g	NOIS: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN	5	Deana Weaver
26	IFOUR THE DEDING ANTER ANT PATHON ALL LOSS FURDALS 1	₹ FIRST TAKE POINT 100 FSL 2185 TEL	
8	USED NEW WEACO STATE PLANE EAST COORDINATES ARE GRO [MADS]), BASIS OF BEARING WID DISTARCES USED ARE NEW WEXED STATE PLANE EAST	أقل الأريمية 12,99443592 مراقل مر	Printed Name
75	COORDINATES, MODIFIED TO THE SURFACE, MUTTICAL DATUM NAVDER	≥ £040. = 104.03219741# = XWSP €451 (FI)	
	FIRST TAKE	B N = 725645.69	dweaver@mec.com
-	NOT 41'35'E 2438.68 FT ; \$563 15'59'T ; 2550.32 FT	(= 433664.67	, , , , , , , , , , , , , , , , , , ,
IN CORNER SEC. 28	N O CORNER SEC. 28	HE, CORICE, SEC. 28	
LAT, = 32,994174116 LONG = 101,041992119	LAL = 32.994192570 1 LOVG = 104.033369179 2295'	LAT = 32 993993514 C LOSC = 104.0217495 W	SURVEYOR CERTIFICATION
135 (FI) &			I hereby certify that the well location shown on this plut was
# = 725540.51	N = 72551.54	R: 18459 DS1 (71) :: 11 = 725489.84 :: 1 = 635449.77	plotted from field wates of actual surveys made by me or water
ದ	SURFACE		
20	LOCATION	5	my supervision, and that the same is true and correct to the
a transferration of a	SPRUCE GROVE FEDERAL COM 111	S LO CORVER SEC. 28	best of my belief.
LA1. = 32,5369756 H LO14G. = 104,0421225 W	ELEV. = 3817.5' * LAJ J2.9926121'H {IMD83};	LAT 12 3267337N	AUGUST 8, 2013-
MUSP (AST (FT)	LONG. = 104.0322025 W	LONG. • 104.024762410 NGGP EAST (FT)	
H ≈ 722921.40 E = 630629.49	10/152 ZAST (FT) + H = 724980.69	N = 7228/937	Date of Startey
C - CLARTER S		E = 635252.44	
2	í j j		Il a de s prova .
S# CORDER SEC. 28 2	5 0 CORVER SEC. 22		Julin Le MANDIC
UAJ, # \$2,979776271 👻	1 (AT. = 32/9797425)/ 1 (AT. = 100.0335084%)	51 CORNER SEC. 29 C LVI 32,379448310	- MILIUM
LONG = (C+C+77175 # 5	AXSP EAST (FI)	B LGHC. + 104.0247658W	Stanger and Sent of thotes whith Surveyor
H = 720301.95	u = 720297.22 t = 633277.95	51 MASP EAST ([1]) N = 720(97.92	Centificate Number HILINERS F. JARASHI LO. PLS 15797
E = 630502.71	H20 53 35 W 2675.94 FT N87 37 25 W 2677.31 FT	C = \$35952.76 (SURVEY NO 60174

Rul 12-18-18

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			6				لحفيطا				
District.J 1623 N. Freuch, Dr., Hobts, NM 85240 Phane: (373) 393-6161 Fast: (373) 343-6720 District.J 811 S. Pers St., Asteria, NM 83210 Phone: (373) 743-1233 Fast: (575) 748-9720 District.JJ 1600 Rin Directs Road, Aster, NM 87410 Phane: (302) 334-6172 Fast: (302) 334-6170 District.JV			Energ	Energy, Minerals & Natural Resources Deprint ONSERVATION SERVATION DEPRINT OF CONSERVATION DIVISION OIL CONSERVATION DIVISION 1220 South St. Francis Dr. MAR 1 1 2019					Form C-102 sed August 1, 2011 copy to appropriate District Office ENDED REPORT		
1220 S. St. Francis Dr., Sa Phone: (505) 476-3460 Fai				RECEIVED							
		<u> </u>	ELL LO			CREAGE DED	CATION PL	AT			
30.005-64330			527	'PodC 770	4 Code Pool Name Round Tank; San Andres						
32516	6					Property Name ADOW LAKE FEDERAL				*Well Number 1H	
OGRID No.					Operator Name					* Elevation	
13837	13837			MA						3825.4	
					<u>- Sur</u>	face Location					
LIL or lat no.	8	Township		Loi la			Feet from the	East/W	·	County	
• A	28	15 S	29 E		565	NORTH	990	EA	ST	CHAVES	
			۳B	ottom l	Hole Locati	ion If Different F	rom Surface				
UL or lot co.	Section	Township	Range	Loi Ida	Feet from t	he North/South Line	Feet from the	East/W	est line	County	
A	21	15 S	29 E		5	NORTH	990	EA EA	ST	CHAVES	
" Dedicated Acres	" Joint	or totti '	Cossolidatio	Code	<u> </u>		" Order No.				
160		- 1									

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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

Form C-102 District I 1625 N. French Dr., Hobbs, NM 88240 State of New Mexico Revised August 1, 2011 Phone: (575) 393-6161 Fax: (575) 393-0720 Energy, Minerals & Natural Resources Department District II Submit one copy to appropriate 811 S. First St., Artesia, NM 88210 OIL CONSERVATION DIVISION Phone: (575) 748-1283 Fax: (575) 748-9720 District Office District III 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis Dr. AMENDED REPORT Phone: (505) 334-6178 Fax: (505) 334-6170 Santa Fe, NM 87505 District IV

¹ API Number ² Pool Cool 52770										
⁴ Property	Code	PA			⁵ Property Name RKSVILLE FEDERAL COM				⁶ Well Number 1H	
	⁷ OGRID No. 13837 MAC			MAC	⁸ Operator Name CK ENERGY CORPORATION				⁹ Elevation 3825.8	
					" Surface	e Location				
UL or lot no. P	Section 21	Township 15 S	Range 29 E	Lot Idn	Feet from the 710	North/South line SOUTH	Feet from the 965	East/West line EAST	County CHAVES	
			n F	Bottom H	lole Location	If Different Fr	om Surface			
UL or lot no. P	Section 28	Township 15 S	Range 29E	Lot Idn	Feet from the 1	North/South line SOUTH	Feet from the 965	East/West line EAST	County CHAVES	
Dedicated Acro	es ¹³ Joint	or Infill 14	Consolidation	n Code			¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	N89'55'52"E 2615.72 FT N89'56'16"E 2615.03 FT		¹⁷ OPERATOR CERTIFICATION
NW CORNER SEC. 21	N/4 CORNER SEC. 21	NE CORNER SEC. 21	I hereby certify that the information contained herein is true and complete
LAT. = 33.0086670'N L LONG. = 104.0420158'W 40	LAT. = 3310086555'N LONG. = 104.0334852'W	LAT. = 33.0086425'N LONG. = 104.0249569'W	to the best of my knowledge and belief, and that this organization either
NMSP EAST (FT) 00 N = 730813.44	NMSP EAST (FT) N = 730816.58	NMSP EAST (FT)	owns a working interest or unleased mineral interest in the land including
E = 630640.06	E = 633255.11	N = 730819.43 E = 635869.46	the proposed bottom hole location or has a right to drill this well at this
02 F		0 0	location pursuant to a contract with an owner of such a mineral or working
4 CODALD 022 01		.30	interest, or to a voluntary pooling agreement or a compulsory pooling order
W/4 CORNER SEC. 21 - LAT. = 33.0014268'N 2		6 E/4 CORNER SEC. 21 LAT. = 33.0012599'N	heretofore entered by the division.
LONG. = 104.0422246'W NMSP EAST (FT)	PARKSVILLE FEDERAL COM 1H	LONG. = 104.0247523'W	Jourshill 5/20/2022
N = 728179.05 E = 630583.33	ELEV. = 3820.8'	NMSP EAST (FT) L N = 728133.60	Jan Shill 3/20/2002
r = 0.000.000 65	LAT. = 32.9960181'N (NAD83) LONG. = 104.0278969'W	₹ E = 635940.04	Jerry W Sherrell
264(NMSP EAST (FT) N = 726223.66	446	Jerry W Sherrell
3	E = 634981.52 SURFACE	- ¹⁰	Printed Name
2,23	LOCATION 965'	11.1	jerrysemec.com
SECTION CORNER		SECTION CORNER	Prmail Address
LONG. = 104.0419921W	N89'41'35"E 588'35'59"E	CAT. = 32.9939935'N LONG. = 104.0247493'W	
NMSP EAST (FT) N = 725540.51	2638.68 FT QUARTER CORNER 2650.32 FT	NMSP EAST (FT)	*SURVEYOR CERTIFICATION
£ = 630661.92 g	LONG. = 104.0333881'W	E = 635948.72	
0	NMSP EAST (FT) N = 725554.64	42.2	I hereby certify that the well location shown on this plat
с Ш	E = 633299.88	E 26	was plotted from field notes of actual surveys made by
85,0	100' FNL, 965, FEL	21	me or under my supervision, and that the same is true
W/4 CORNER SEC. 28	LAT. = 32.9937912'N LONG. = 104.0278963'W	E/4 CORNER SEC. 28	and correct to the best of my belief.
LAT. = 32.9869756'N Z LONG. = 104.0421225'W	N = 725413.46 E = 634984.07 SEC 28	LAT. = 32.9867332'N LONC. = 104.0247624'W	MARCH 31, 2022
NMSP EAST (FT) N = 722921.40	LAST TAKE POINT BOTTOM OF HOLE	- NMSP EAST (FT)	
E = 630629.19	100° FSL, 9551 FEL LAT. = 32.9798572'N LAT. = 32.9798295'N LONG. = 104.0279325'W	$E = \frac{1}{635952.44}$	Date of Survey
20.2	LONG. = 104.0279316"W NMSP EAST (FT) N = 720333.77 N = 720234.73	4	- Constanto
SW CORNER SEC. 28	E = 634987.99 $E = 634988.00$	265	ANN AND ANN
LAT. = 32.9797762'N	S/4 CORNER SEC. 28 LAT. = 32.9797425'N	₩ SE CORNER SEC. 28 ₩ LAT. = 32,9794483'N	- XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
LONG. = 104.0422325'W	LONG = 104.0335084'W LTP	8 LONG 104.0247868'W	Signature and Seal of Roy sional Surveyor.
N = 720301.96 Z E = 630602.71	N = 720297.22 OF HOLE	8 NMSP EAST (FT) 9 N = 720197.91	Certificate Number: District LABAMULO LS 12797
r = 030002./1	E = 633277.96 N89'53'55'W 2675.94 FT N87'52'25'W 26'7.34 FT	-E = 635952.76	2405558VF

District I 1625 N. French Dr., Hobbs, NM 88240 Form C-102 State of New Mexico Revised August 1, 2011 Phone: (575) 393-6161 Fax: (575) 393-0720 Energy, Minerals & Natural Resources Department District II Submit one copy to appropriate 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 OIL CONSERVATION DIVISION District Office District III 1220 South St. Francis Dr. 1000 Rio Brazos Road, Aztec, NM 87410 AMENDED REPORT Phone: (505) 334-6178 Fax: (505) 334-6170 Santa Fe, NM 87505 District IV

¹ API Number ² Pool Co 52770				² Pool Code	Round Tank: San Andres					
⁴ Property (Property Code				⁵ Property Name OLWOOD FEDERAL COM				⁶ Well Number 1H	
⁷ OGRID No. 13837 MA			MAC	⁸ Operator Name CK ENERGY CORPORATION				⁹ Elevation 3815.6		
					1º Surface	e Location				
UL or lot no. O	Section 21	Township 15 S	Range 29 E	Lot Idn	Feet from the 710	North/South line SOUTH	Feet from the 2310	East/West line EAST	County CHAVES	
	1		11 I	Bottom H	Iole Location	If Different Fr	om Surface			
UL or lot no. O	Section 28	Township 15 S	Range 29E	Lot Idn	Feet from the 1	North/South line SOUTH	Feet from the 2310	East/West line EAST	County CHAVES	
² Dedicated Acro	es ¹³ Joint	or Infill 14	Consolidatio	n Code			¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	N89'55'52"E 2615.72 FT N89'56'16"E 2615.03 FT		"OPERATOR CERTIFICATION
NW CORNER SEC. 21	N/4 CORNER SEC. 21	NE CORNER SEC. 21	I hereby certify that the information contained herein is true and complete
LAT. = 33.0086670'N L LONG. = 104.0420158'W m	LÁT. = 33:0086555'N LONG. = 104.0334852'W	LAT. = 33.0086425'N LONG. = 104.0249569'W	to the best of my knowledge and belief, and that this organization either
NMSP EAST (FT)	NMSP EAST (FT)	P NMSP EAST (FT)	owns a working interest or unleased mineral interest in the land including
N = 730813.44 E = 630640.06	N = 730816.58 E = 633255.11		the proposed bottom hole location or has a right to drill this well at this
F. C.		1.6 H	location pursuant to a contract with an owner of such a mineral or working
0.44		30'1	interest, or to a voluntary pooling agreement or a compulsory pooling order
W/4 CORNER SEC. 21	in the second	E/1 CORNER SEC. 21 LAT. = 33.0012599'N	heretofore entered by the division.
LONG. = 104.0422246W	SEC_21	LONG, = 104.0247523'W	D. LSP aller
NMSP EAST (FT) N = 728179.05	COLWOOD FEDERAL COM 1H ELEV. = 3815.6'	NMSP EAST (FT) t: N = 728133.60	Signature Date
E = 630583.33	LAT. = 32.9961190'N (NAD83) LONG. = 104.0322824'W	E = 635940.04	Signature Date
040	NMSP EAST (FT)	644.	Jerry W. Sherrell
5	N = 726256.53 E = 633636.88 SURFACE		Printed Name
	LICATION	.41.1	jerrysemec.com
SECTION CORNER	2310	SECTION CORNER	E-mail Address
LAT. = 32.9941741'N 2 LONG. = 104.0419921'W	N89"41"35"E S88"35'59"E	G LAT. = 32.9939935'N LONG. = 104.0247493'W	E-mail Address
NMSP EAST (FT)	2638.68 FT QUARTER CORNER 2650.32 FT	NMSP EAST (FT)	CUDVENOD CEDTIFICATION
N = 725540.51 E E = 630661.92	LAI. = 32.9941925'N LONG. = 104.0333881'W	$E = \frac{N}{635948.72}$	*SURVEYOR CERTIFICATION
9	7 NMSP EAST (FT) N = 725554.64	12.20	I hereby certify that the well location shown on this plat
ac	E = 633299.88	264	was plotted from field notes of actual surveys made by
1.03	S 100' FNL, 2310' FEL	10 10	me or under my supervision, and that the same is true
W/4 CORNER SEC. 28	V LAT. = 32.9938922'N LONG. = 104.0322818'W	104	and correct to the best of my belief.
LAT. = 32.9869756'N	P = 725446.33	8 E/4 CORNER SEC. 28 LAT. = 32.9867332"N	
LONG. = 104.0421225W NMSP EAST (FT)	LAST TAKE POINT BOTTOM OF HOLE	LONG. = 104.0247624'W	APRIL 26, 2022
N = 722921.40 E E = 630629.19	100' FSL, 2310' FEL LAT. = 32.9797051'N	NMSP EAST (FT)	Date of Survey
C 00002310 0	LONG. = 104.0323161'W NMSP FAST (FT)	₹ E = 635952.44	
260	N = 720383.70 E = 633643.33 N = 720284.66 E = 633643.34	592	ANA ANA ANA M
SW CORNER SEC. 28 44 LAT. = 32,9797762'N 55	S/4 CORNER SEC. 28	SE CORNER SEC. 28	
LONG. = 104.0422325'W	LAT. # 32.9797425'N LONG. = 104.0335084'W	N LAT. = 32.9794483'N Q LONG. = 104.0247868'₩	Signature and Seal of Provisional Surveyor.
NMSP EAST (FT) & N = 720301.96	NMSP EAST (FT) OF HOLE	8 NMSP EAST (FT)	Certificate Number: LARAMULLO LS 12797
E = 630602.71	E = 633277.96 2310'-	N = 720197.91 E = 635952.76	PROFISE VE NO. 9374A
	N89'53'55"W 2675.94 FT 187'52'25"W 2677.34 FT		

COMMUNITIZATION AGREEMENT

Contract No.

THIS AGREEMENT, entered into as of the 1st day of May, 2022, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 15 South, Range 29 East, N.M.P.M. Section 21: W/2 E/2 Chaves County, New Mexico

containing 160 acres, and this agreement shall include the San Andres formation underlying said lands and the crude oil and associated natural gas, hereinafter referred to as "communitized substances," producible from such formation.

- 2. Attached hereto and made a part of this agreement for all purposes, is Exhibit "A", a plat designating the communitized area and, Exhibit B, designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
- 3. The Operator of the communitized area shall be Mack Energy Corporation, P.O. Box 960, Artesia, NM 88211-0960. All matters of operation shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the

working interest in the communitized area, and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.

- 4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas regulations.
- 5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of $1/8^{\text{th}}$ or $12^{\frac{1}{2}}$ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed, and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining 7/8th should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of the communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing, and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided.

Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each Communitization agreement to which such lease may be committed, and separately as to any non-communitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any non-communitized lease production.

- 7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
- 8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
- 9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
- 10. The date of this agreement is May 1, 2022 and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.

- 11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
- 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occurs in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.
- 13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
- 14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
- 15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

Operator:

Mack Energy Corporation

anders Staci D. Sanders

Vice President - Land

Lessee of Record

Wade Energy Corporation

Wade White, President

CA – Spruce Grove Federal Com #1H (API #30-005-64326)

Date: 5/1/2022

Date: 7 - 28 - 22

Lessee of Record & Working Interest Owner Chase Oil Corporation

By: D. Sanders.

Date: 5/1/2022

Working Interest Owners:

RDC Minerals LLC

Robert C. Chase, Manager By:

Ventana Minerals LLC Staci D. Sanders, Attorney-in-Fact By:

DiaKan Minerals LLC

D. Cf By:

Crissa D. Carter, Attorney-in-Fact

Sendero Energy LLC

By: Matt Brewer, Manager

Katz Resources LLC

By:_____

Charles Sadler, Manager

M Squared Energy LLC

By: U. der Livingston, Manager

CA – Spruce Grove Federal Com #1H (API #30-005-64326)

Date: 5/18/2022

Date: 5/1/2022

Date: 5/12/22

Date: 5/12/2022

Date:

Date: 5/11/2022

Lessee of Record & Working Interest Owner **Chase Oil Corporation**

By:______Staci D. Sanders, Vice President-Land

Working Interest Owners:

RDC Minerals LLC

By:_____ Robert C. Chase, Manager

Ventana Minerals LLC

By:______Staci D. Sanders, Attorney-in-Fact

DiaKan Minerals LLC

By:_____ Crissa D. Carter, Attorney-in-Fact

Sendero Energy LLC

By:_____ Matt Brewer, Manager

Katz Resources LLC

/_del By:

Charles Sadler, Manager

M Squared Energy LLC

By:_______W. Lee Livingston, Manager

CA - Spruce Grove Federal Com #1H (API #30-005-64326)

Date:_____

Date:_____

Date:

Date:_____

Date:_____

Date: 5/16/22

Date:_____

ACKNOWLEDGEMENTS

STATE OF NEW MEXICO §

COUNTY OF EDDY §

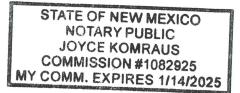
This instrument was acknowledged before me on this <u>day</u> of <u>Mau</u>, 2022, by Staci D. Sanders, Vice President-Land of Mack Energy Corporation, a New Mexico corporation, on behalf of said corporation.

TAMBRA RENEE HUGHES NOTARY PUBLIC STATE OF NEW MEXICO COMMISSION # 1062377 COMMISSION EXPIRES: 09-19-2023

Notary Public

STATE OF NEW MEXICO § Ofero COUNTY OF EDDY §

This instrument was acknowledged before me on this $\frac{28}{28}$ day of $\frac{28}{28}$, 2022, by Wade White, President of **Wade Energy Corporation**, a New Mexico corporation, on behalf of said corporation.



Jure Komuceen Notary Public

STATE OF NEW MEXICO §

COUNTY OF EDDY §

This instrument was acknowledged before me on this <u>day</u> day of <u>Mau</u>, 2022, by Staci D. Sanders, Vice President-Land of **Chase Oil Corporation**, a New Mexico corporation, on behalf of said corporation.

TAMBRA RENEE HUGHES NOTARY PUBLIC STATE OF NEW MEXICO COMMISSION # 1062377 COMMISSION EXPIRES: 09-19-2023

Jamlua Rene Jugue

STATE OF NEW MEXICO §

COUNTY OF EDDY §

This instrument was acknowledged before me on this $18^{\frac{10}{2}}$ day of Mau, 2022, by Robert C. Chase, as Manager of **RDC Minerals LLC**, a New Mexico limited liability company, on behalf of said company.

TAMBRA RENEE HUGHES NOTARY PUBLIC STATE OF NEW MEXICO COMMISSION # 1062377 COMMISSION EXPIRES: 09-19-2023

§

Samlua Rence Juglies

STATE OF NEW MEXICO §

COUNTY OF EDDY

This instrument was acknowledged before me on this day of <u>May</u>, 2022, by Staci D. Sanders, Attorney-in-Fact of **Ventana Minerals LLC**, a New Mexico limited liability company, on behalf of said company.

TAMBRA RENEE HUGHES NOTARY PUBLIC STATE OF NEW MEXICO COMMISSION # 1062377 COMMISSION EXPIRES: 09-19-2023

Renee Auglies Notary Public

STATE OF NEW MEXICO §

COUNTY OF EDDY §

This instrument was acknowledged before me on this 12^{Th} day of 122, by Crissa D. Carter, Attorney-in-Fact of **DiaKan Minerals LLC**, a Texas limited liability company, on behalf of said company.

TAMBRA RENEE HUGHES NOTARY PUBLIC STATE OF NEW MEXICO COMMISSION # 1062377 COMMISSION EXPIRES: 09-19-2023

Rence Bughes Notary Public

STATE OF NEW MEXICO §

COUNTY OF EDDY §

This instrument was acknowledged before me on this $12^{\frac{11}{2}}$ day of $102^{\frac{11}{2}}$, 2022, by Matt Brewer, as Manager of **Sendero Energy LLC**, a New Mexico limited liability company, on behalf of said company.

TAMBRA RENEE HUGHES NOTARY PUBLIC STATE OF NEW MEXICO COMMISSION # 1062377 COMMISSION EXPIRES: 09-19-2023

Jamlua Dence Juglies Notary Public

STATE OF ARIZONA §

COUNTY OF _____§

This instrument was acknowledged before me on this _____day of _____, 2022, by Charles Sadler, as Manager of **Katz Resources LLC**, a New Mexico limited liability company, on behalf of said company.

Notary Public

STATE OF NEW MEXICO §

COUNTY OF EDDY §

This instrument was acknowledged before me on this μ^{μ} day of μ_{μ} , 2022, by W. Lee Livingston, as Manager of **M Squared Energy LLC**, a New Mexico limited liability company, on behalf of said company.

TAMBRA RENEE HUGHES NOTARY PUBLIC STATE OF NEW MEXICO COMMISSION # 1062377 COMMISSION EXPIRES: 09-19-2023

Jaulua Rence Auglies Notary Public

STATE OF NEW MEXICO §

COUNTY OF EDDY §

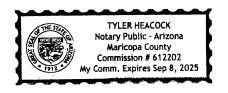
This instrument was acknowledged before me on this _____ day of _____, 2022, by Matt Brewer, as Manager of **Sendero Energy LLC**, a New Mexico limited liability company, on behalf of said company.

Notary Public

STATE OF ARIZONA §

COUNTY OF Maicopas

This instrument was acknowledged before me on this $\frac{1}{2}$ day of $\frac{M_{4}}{2}$, 2022, by Charles Sadler, as Manager of **Katz Resources LLC**, a New Mexico limited liability company, on behalf of said company.



Notary Public

STATE OF NEW MEXICO §

COUNTY OF EDDY §

This instrument was acknowledged before me on this _____ day of _____, 2022, by W. Lee Livingston, as Manager of **M Squared Energy LLC**, a New Mexico limited liability company, on behalf of said company.

Notary Public

CA – Spruce Grove Federal Com #1H (API #30-005-64326)

EXHIBIT A

Attached to and made a part of that certain Communitization Agreement dated effective May 1, 2022, covering the W/2E/2 of Section 21, Township 15 South, Range 29 East, N.M.P.M., Chaves County, New Mexico.

	Tract 2 NMNM-0390241 40 Acres
2	1
	Tract 1 NMNM-066484 120 Acres
2	8

<u>Plat of Communitized Area</u> Spruce Grove Federal Com #1H – API #30-005-64326

SHL: 565' FNL & 2285' FEL, Sec. 28-T15S-R29E
 FTP: 100' FSL & 2285' FEL, Sec. 21-T15S-R29E
 LTP: 100' FNL & 2285' FEL, Sec. 21-T15S-R29E
 BHL: 5' FNL & 2285' FEL, Sec. 21-T15S-R29E

CA – Spruce Grove Federal Com #1H (API #30-005-64326)

EXHIBIT B

Attached to and made a part of that certain Communitization Agreement dated effective May 1, 2022, covering the W/2E/2 of Section 21, Township 15 South, Range 29 East, N.M.P.M., Chaves County, New Mexico.

Spruce Grove Federal Com #1H – API #30-005-64326

Operator of Communitized Area: <u>Mack Energy Corporation</u>

DESCRIPTION OF LEASES COMMITTED

TRACT NO. 1

Lease Serial No.:

Description of Lands Committed:

Number of Acres:

Current Lessee of Record:

Name and Percent of WI Owners:

NMNM-066484

T15S, R29E, NMPM Section 21: SW/4NE/4, W/2SE/4

120 acres

Chase Oil Corporation

Chase Oil Corporation	82.0%
RDC Minerals LLC	5.0%
Ventana Minerals LLC	5.0%
DiaKan Minerals LLC	5.0%
Sendero Energy LLC	1.0%
Katz Resources LLC	0.5%
M Squared Energy LLC	1.0%

TRACT NO. 2

Serial No.:

Description of Lands Committed:

Number of Acres:

Current Lessee of Record:

Name and Percent of WI Owners:

NMNM-0390241

<u>T15S, R29E, NMPM</u> Section 21: NW/4NE/4

40 acres

Wade Energy Corporation

Chase Oil Corporation	82.0%
RDC Minerals LLC	5.0%
Ventana Minerals LLC	5.0%
DiaKan Minerals LLC	5.0%
Sendero Energy LLC	1.0%
Katz Resources LLC	0.5%
M Squared Energy LLC	1.0%

RECAPITULATION

Tract numbers	Number of Acres Committed	Percentage of Interest in Communitized Area
Tract No. 1	120.00	75.00%
Tract No. 2	40.00	25.00%
Total Acreage	160.00	100.00%

CA – Spruce Grove Federal Com #1H (API #30-005-64326)

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Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
		ABOVE THIS TABLE FOR OCD	DIVISION USE ONLY
			ATION DIVISION
		al & Engineering	
	1220 South St. Fr	ancis Drive, San	ta Fe, NM 87505
	ADMINISTR	ATIVE APPLICAT	ION CHECKLIST
THIS	CHECKLIST IS MANDATORY FOR AL	ADMINISTRATIVE APPLIC	ATIONS FOR EXCEPTIONS TO DIVISION RULES AND E DIVISION LEVEL IN SANTA FE
pplicant: Mack	Energy Corporation		OGRID Number: 013837
ell Name: Thunc	ler Bay Federal Com 1H		API: 30-005-64308
ool: Round Tank; Sa	n Andres		Pool Code: <u>52770</u>
SUBMIT ACCUR	ATE AND COMPLETE INFO	ORMATION REQUI	RED TO PROCESS THE TYPE OF APPLICATION OW
) TYPE OF APP	LICATION: Check those	which apply for [/	A]
	- Spacing Unit - Simult		_
	NSL NSP(PRO	JECT AREA)	
B. Check o	ne only for [I] or [II]		
	mingling - Storage - M	easur <u>em</u> ent	
] ОНС ОСТВ ОРІ		OLS OLM
[II] Inje	ction - Disposal - Press		
L			EOR PPR FOR OCD ONLY
) NOTIFICATION	REQUIRED TO: Check	those which appl	v
Lange de la constante de la co	operators or lease hold		Notice Complete
	Ity, overriding royalty ov		/ ppriodition
	cation requires publishe cation and/or concurre		Content
	cation and/or concurre		
F. Surfa	ce owner		
G.X For a	Il of the above, proof o	f notification or p	oublication is attached, and/or,
H. No no	otice required		
	N. I hereby certify that	the information	submitted with this application for
			the best of my knowledge. I also
			cation until the required information and
	re submitted to the Divi		
N	ote: Statement must be comple	ted by an individual wi	th managerial and/or supervisory capacity.
			5/23/22
Jerry W. Sherrell			Date
Print or Type Name			
			575-748-1288 Phone Number
7	SP P		
Your	3hg		_ierrys@mec.com
Signature			e-mail Address

From:	McClure, Dean, EMNRD on behalf of Engineer, OCD, EMNRD
To:	Jerry Sherrell
Cc:	McClure, Dean, EMNRD; Wrinkle, Justin, EMNRD; Powell, Brandon, EMNRD; lisa@rwbyram.com; Paradis, Kyle O; Walls, Christopher
Subject:	Approved Administrative Order CTB-857-A
Date:	Friday, October 14, 2022 1:00:50 PM
Attachments:	CTB857A Order.pdf

NMOCD has issued Administrative Order CTB-857-A which authorizes Mack Energy Corporation (13837) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-005-64308	Thunder Bay Federal Com #1H	E/2 W/2	22-15S-29E	52770
30-005-64307	Hamilton Federal Com #1H	W/2 W/2	22-15S-29E	52770
30-005-64328	Grand Forks Federal Com #2H	E/2 E/2	22-15S-29E	52770
30-005-64326	Spruce Grove Federal Com #1H	W/2 E/2	21-15S-29E	52770
30-005-64330	Meadow Lake Federal #1H	E/2 E/2	21-15S-29E	52770

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From:	Jerry Sherrell
То:	McClure, Dean, EMNRD
Subject:	RE: [EXTERNAL] RE: surface commingling application CTB-857-A
Date:	Monday, September 26, 2022 2:48:47 PM
Attachments:	image001.png

Dean,

I was told by our group that this well will probably not be drilled anytime in the near future. Can we remove this well from the list and I will revise if they change their minds.

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Friday, September 09, 2022 3:13 PM
To: Jerry Sherrell <jerrys@mec.com>
Subject: RE: [EXTERNAL] RE: surface commingling application CTB-857-A

EXTERNAL EMAIL - Verify the sender and use caution before opening attachments or clicking links

Jerry,

Please provide the CA packet for the following tract and well:

30-005-64327 Grand Forks Federal Com #1H W/2 E/2 22	2-15S-29E	52770
--	-----------	-------

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From: Jerry Sherrell <jerrys@mec.com>
Sent: Thursday, August 25, 2022 10:43 AM
To: McClure, Dean, EMNRD <<u>Dean.McClure@state.nm.us</u>>
Subject: FW: [EXTERNAL] RE: surface commingling application CTB-857-A

Good morning Dean,

Any updates?

From: Jerry Sherrell
Sent: Thursday, July 21, 2022 4:13 PM
To: 'McClure, Dean, EMNRD' <<u>Dean.McClure@state.nm.us</u>>
Subject: RE: [EXTERNAL] RE: surface commingling application CTB-857-A

Dean,

Please remove the section 28 wells from the application and I will amend at a later date. Thank you.

Jerry W. Sherrell

Regulatory Supervisor Mack Energy Corporation Redwood Operating LLC PO Box 960 Artesia, NM 88210 Office 575-748-1288 Cell 575-703-7382 jerrys@mec.com

From: McClure, Dean, EMNRD <<u>Dean.McClure@state.nm.us</u>>
Sent: Thursday, July 21, 2022 3:27 PM
To: Jerry Sherrell <<u>jerrys@mec.com</u>>
Subject: RE: [EXTERNAL] RE: surface commingling application CTB-857-A

EXTERNAL EMAIL - Verify the sender and use caution before opening attachments or clicking links

Hello Jerry,

A well which is not approved yet cannot be included in the commingling permit. The 2 infill wells can be approved to be added in at a later date via sundry with no notice. However, the 2 wells in section 28 will not be able to be included until their APDs have been approved. Depending on your schedule for bringing production online, you may wish to either place this application on hold until those wells have been approved or remove them from this application and bring them into the project later via an amendment.

If you wish to place the application on hold until the section 28 wells can be added, then I will also need the CA packets for their HSUs. That is unless the CA applications are put into file by the BLM prior to this application moving forward; in which case I can use that record instead of having the CA packets.

Additionally, in the past you have provided a document speaking to the agreement between the various chase interests. Specifically as it relates to which interest owners you are delivering notice to via hand. Please submit that or something similar to be put in file for this application that confirms these interests have received notification.

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From: Jerry Sherrell <jerrys@mec.com>
Sent: Thursday, July 21, 2022 3:08 PM
To: McClure, Dean, EMNRD <<u>Dean.McClure@state.nm.us</u>>
Subject: [EXTERNAL] RE: surface commingling application CTB-857-A

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon Dean,

I have submitted the Legal Notice for the returned interest owner.

The status for the APD's is still being reviewed by BLM.

I will get the CA's from our land department and get them to you.

From: McClure, Dean, EMNRD <<u>Dean.McClure@state.nm.us</u>>
Sent: Thursday, July 21, 2022 1:00 PM
To: Jerry Sherrell <<u>jerrys@mec.com</u>>
Subject: surface commingling application CTB-857-A

EXTERNAL EMAIL - Verify the sender and use caution before opening attachments or clicking links

Mr. Sherrell,

I am reviewing surface commingling application CTB-857-A which involves a commingling project that includes the Thunder Bay Central Tank Battery and is operated by Mack Energy Corporation (13837).

Presuming that the document regarding the interests for which notice was hand delivered is relevant to this application, please provide it.

6/21/2022	Abble Moody Cliff	7019 1640 000	Returned	
What is the s	status of the following wells?			
???	Thunder Bay Federal Com #2H	E/2 W/2	22-15S-29E	52770
???	Hamilton Federal Com #2H	W/2 W/2	22-15S-29E	52770
???	Colwood Federal Com #1H	W/2 E/2	28-15S-29E	52770
???	Parkesville Federal Com #1H	E/2 E/2	28-15S-29E	52770

Please confirm that the following person was notified of this application (was public notice provided?):

Please provide the CA packets for the following tracts of land:

CA San Andres BLM	W/2 E/2	21-15S-29E	320
CA San Andres BLM	W/2 E/2	22-15S-29E	320

The following request is a bit unusual:

This request is for all leases within this designated project area. Any future in-fill wells will be added using sundry notices and notification for only the wells added.

Generally the approval for infill wells does not require that notice of the sundry be provided. I'm unsure if this additional notice was your intent when making this request and as such am pointing it out for you to keep in mind for future applications. However, I don't really see a reason not to allow the inclusion of infill wells requiring notice of the sundry.

Dean McClure Petroleum Engineer, Oil Conservation Division

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New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION FOR SURFACE COMMINGLINGSUBMITTED BY MACK ENERGY CORPORATIONORDER NO. CTB-857-A

<u>ORDER</u>

The Director of the New Mexico Oil Conservation Division ("OCD"), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

- 1. Mack Energy Corporation ("Applicant") submitted a complete application to surface commingle the oil production from the pools, leases, and wells identified in Exhibit A ("Application").
- 2. Applicant proposed a method to allocate the oil production to the pools, leases, and wells to be commingled.
- 3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
- 4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
- 5. Applicant provided notice of the Application to the Bureau of Land Management ("BLM") or New Mexico State Land Office ("NMSLO"), as applicable.
- 6. Applicant submitted or intends to submit one or more proposed communitization agreement(s) ("Proposed Agreement(s)") to the BLM or NMSLO, as applicable, identifying the acreage of each lease to be consolidated into a single pooled area ("Pooled Area"), as described in Exhibit B.

CONCLUSIONS OF LAW

- 7. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
- 8. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.

Order No. CTB-857-A

- 9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
- 10. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.
- 11. Commingling of oil production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
- 12. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

<u>ORDER</u>

1. Applicant is authorized to surface commingle oil production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to store and measure oil production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

- 2. This Order supersedes Order CTB-857.
- 3. For each Pooled Area described in Exhibit B, Applicant shall submit a Proposed Agreement to the BLM or NMSLO, as applicable, prior to commencing oil production. If Applicant fails to submit the Proposed Agreement, this Order shall terminate on the following day.

No later than sixty (60) days after the BLM or NMSLO approves or denies a Proposed Agreement, Applicant shall submit a Form C-103 to OCD with a copy of the decision and a description of the approved lands, as applicable. If Applicant withdraws or the BLM or NMSLO denies a Proposed Agreement, this Order shall terminate on the date of such action, and Applicant shall cease commingling the production from the Pooled Area. If the BLM or NMSLO approves but modifies the Proposed Agreement(s), Applicant shall comply with the approved Agreement(s), and no later than sixty (60) days after such decision, Applicant shall submit a new surface commingling application to OCD to conform this Order with the approved Agreement(s). If Applicant fails to submit the new surface commingling application, this Order shall terminate on the date of such action.

Applicant shall allocate the oil production to each lease within a Pooled Area in proportion to the acreage that each lease bears to the entire acreage of the Pooled Area described in Exhibit B until the Proposed Agreement which includes the Pooled Area is approved. After the Proposed Agreement is approved, the oil production from the Pooled Area shall be allocated as required by the BLM's or NMSLO's, as applicable, approval of the Agreement, including any production that had been allocated previously in accordance with this Order.

4. The oil production for each well identified in Exhibit A shall be allocated by conducting a minimum of one (1) well test per month.

Applicant shall conduct a well test by separating and measuring the oil production from that well for a minimum of twenty-four (24) consecutive hours.

The well test requirements of this Order shall be suspended for any well shut-in for a period that continues for more than thirty (30) days until the well commences production.

- 5. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
- 6. Applicant shall calibrate the meters used to measure or allocate oil production in accordance with 19.15.12.10.C.(2) NMAC.
- 7. If the commingling of oil production from any pool, lease, or well reduces the value of the commingled oil production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
- 8. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
- 9. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
- 10. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION



DATE: 10/13/2022

State of New Mexico Energy, Minerals and Natural Resources Department

Exhibit A

Order: CTB-857-A Operator: Mack Energy Corporation (13837) Central Tank Battery: Thunder Bay Central Tank Battery Central Tank Battery Location: UL M, Section 22, Township 15 South, Range 29 East Gas Title Transfer Meter Location:

-	ol Name K; SAN ANDRES	Pool Code 52770
Leases as defined in 19.15.	12.7(C) NMAC	
Lease	UL or Q/Q	S-T-R
CA San Andres NMNM 139214	E/2 W/2	22-15S-29E
CA San Andres NMNM 141125	W/2 W/2	22-15S-29E
	E/2 E/2	22-15S-29E
CA San Andres NMNM 140362		21 150 205
CA San Andres NMNM 140362 NMNM 0390241	E/2 E/2, B	21-15S-29E

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-005-64308	Thunder Bay Federal Com #1H	E/2 W/2	22-15S-29E	52770
30-005-64307	Hamilton Federal Com #1H	W/2 W/2	22-15S-29E	52770
30-005-64328	Grand Forks Federal Com #2H	E/2 E/2	22-15S-29E	52770
30-005-64326	Spruce Grove Federal Com #1H	W/2 E/2	21-15S-29E	52770
30-005-64330	Meadow Lake Federal #1H	E/2 E/2	21-15S-29E	52770

State of New Mexico Energy, Minerals and Natural Resources Department

Exhibit B

Order: CTB-857-A Operator: Mack Energy Corporation (13837)

Pooled Areas				
Pooled Area	UL or Q/Q	S-T-R	Acres	Pooled Area ID
CA San Andres BLM	W/2 E/2	21-15S-29E	160	Α

Leases Comprising Pooled Areas

Lease	UL or Q/Q	S-T-R	Acres	Pooled Area ID
NMNM 0390241	В	21-15S-29E	40	Α
NMNM 066484	GJO	21-15S-29E	120	Α

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Page 49 of 49

Action 109227

CONDITIONS

Operator:	OGRID:
MACK ENERGY CORP	13837
P.O. Box 960	Action Number:
Artesia, NM 882110960	109227
	Action Type:
	[C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS			
Created By	Condition	Condition Date	
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.	10/14/2022	