

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

¹ Operator name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88210		² OGRID Number 013837
		³ Reason for Filing Code/ Effective Date RC 11/11/2022
⁴ API Number 30 - 0 25-40292	⁵ Pool Name Vacuum; Grayburg San Andres	⁶ Pool Code 62180
⁷ Property Code 38803	⁸ Property Name Dash For Cash State	⁹ Well Number 2

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	5	18S	35E		330	South	530	West	Lea, NM

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	18S	35E		363	South	351	West	Lea, NM
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection 11/11/2022	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278471	Holly Marketing & Refining P.O. Box 1600 Artesia, NM 88211-1600	O
036788	DCP Midstream 4001 Penbrook Odessa, TX 79762	G

IV. Well Completion Data

²¹ Spud Date 11/1/2022	²² Ready Date 11/11/2022	²³ TD 4915'	²⁴ PBTB 4880'	²⁵ Perforations 4580-4851'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	8 5/8"	1620'	825sx		
7 7/8"	5 1/2"	7224'	1125sx		
	2 7/8" Tubing	4880'			

V. Well Test Data

³¹ Date New Oil 11/11/2022	³² Gas Delivery Date 11/11/2022	³³ Test Date 11/16/2022	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 8	³⁹ Water 200	⁴⁰ Gas 0		⁴¹ Test Method Pumping
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Deana Weaver</i>			OIL CONSERVATION DIVISION		
Printed name: Deana Weaver			Approved by: Nedra Murphy		
Title: Regulatory Tech II			Title: Petroleum Specialist		
E-mail Address: dweaver@mec.com			Approval Date: 4/13/2022		
Date: 11/16/2022		Phone: 575-748-1288			

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED

SEP 09 2011

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-40292	Pool Code 62180	Pool Name Vacuum; Grayburg-San Andres
Property Code 88803	Property Name DASH FOR CASH STATE	Well Number 2
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3966'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	18-S	35-E		330	SOUTH	530	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	18-S	35-E		363	SOUTH	351	WEST	LEA
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

LOT 4	LOT 3	LOT 2	LOT 1
<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=645027.6 N X=760400.8 E</p> <p>LAT.=32.770408° N LONG.=103.486169° W</p> <p>BOTTOM HOLE LOCATION Y=645052.1 N X=760225.5 E</p>			
<p>SECTION, QUARTER & SIXTEENTH CORNER COORDINATES</p> <p>Ⓐ - Y=646016.5, X=759860.5</p> <p>Ⓑ - Y=644696.3, X=759874.3</p> <p>Ⓒ - Y=646022.4, X=761181.3</p> <p>Ⓓ - Y=644699.8, X=761197.2</p>			
<p>GRID AZ. = 277°57'18"</p> <p>HORZ. DIST. = 177.0'</p> <p>530'</p> <p>355'</p> <p>B.H.</p> <p>355'</p> <p>330'</p> <p>S.L. SEE DETAIL</p>			

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Deana Weaver 10.4.12
Signature Date

Deana Weaver
Printed Name

dweaver@mec.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 19, 2011

Date of Survey

Signature & Seal of Professional Surveyor:

Ronald J. Eidson 9/28/2011
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239
LA JWSC W.O.: 11.11.1778

Submit a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-40292
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Mack Energy Corporation		6. State Oil & Gas Lease No. E-6504
3. Address of Operator P.O. Box 960 Artesia, NM 88210		7. Lease Name or Unit Agreement Name Dash for Cash State
4. Well Location Unit Letter <u>M</u> : <u>330</u> feet from the <u>South</u> line and <u>530</u> feet from the <u>West</u> line Section <u>5</u> Township <u>18S</u> Range <u>35E</u> NMPM County <u>Lea, NM</u>		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3966' GR		9. OGRID Number 013837
		10. Pool name or Wildcat Vacuum; Grayburg San Andres

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Plugback/Recompletion <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/1-11/2022 POH rods and tubing, Set CIBP @ 5920' w/ 35' cmt cap, CIBP @ 5723' w/ 35' cmt cap, CIBP @ 4950' w/ 35' cmt cap. Perforated 4580-4851', 74 holes, acidize w/ 6000 gals 15% acid. RIH w/ 154jt 2 7/8" J-55 tubing, SN @ 4880.52', 2 1/2" x 1 1/2" x 20' RHBC-HVR pump.

Spud Date:

11/1/2022

Rig Release Date:

11/11/2022

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

SIGNATURE Deana Weaver TITLE Regulatory Tech II DATE 11/16/2022

Type or print name Deana Weaver E-mail address: dweaver@mec.com PHONE: 575-748-1288

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Dash for Cash State		
								6. Well Number: <div style="text-align: center; font-size: 1.2em;">2</div>		
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input checked="" type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____										
8. Name of Operator <div style="text-align: center; font-weight: bold;">Mack Energy Corporation</div>							9. OGRID <div style="text-align: center; font-weight: bold;">013837</div>			
10. Address of Operator <div style="text-align: center; font-weight: bold;">P.O. Box 960 Artesia, NM 88210</div>							11. Pool name or Wildcat <div style="text-align: center; font-weight: bold;">Vacuum; Grayburg San Andres</div>			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	5	18S	35E		330	South	530	West	Lea, NM
BH:	M	5	18S	35E		363	South	351	West	Lea, NM
13. Date Spudded 11/1/2022	14. Date T.D. Reached 11/3/2022		15. Date Rig Released 11/11/2022		16. Date Completed (Ready to Produce) 11/11/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3966'		
18. Total Measured Depth of Well 4915'			19. Plug Back Measured Depth 4880'		20. Was Directional Survey Made? No			21. Type Electric and Other Logs Run No Logs		
22. Producing Interval(s), of this completion - Top, Bottom, Name 4580-4851' Vacuum; Grayburg San Andres										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
8 5/8"		24		1620'		12 1/4"		825sx		
5 1/2"		17		7224'		7 7/8"		1125sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE		DEPTH SET		PACKER SET
						2 7/8" J-55		4880'		
26. Perforation record (interval, size, and number) 4580-4851', .41, 74 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						4580-4851'		6000 gals 15% Acid		
28. PRODUCTION										
Date First Production 11/11/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2" x 1 1/2" x 20' RHBC-HVR Pump					Well Status (Prod. or Shut-in) Producing			
Date of Test 11/16/2022	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl 8	Gas - MCF 0	Water - Bbl. 200	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 8	Gas - MCF 0	Water - Bbl. 200	Oil Gravity - API - (Corr.) 36.00				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Jerry Sherrell			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 11/11/2022			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Deana Weaver</i>			Printed Name Deana Weaver		Title Regulatory Tech II		Date 11/16/2022			
E-mail Address dweaver@mec.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 1628'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2946'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 2977'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3365'	T. Devonian	T. Cliff House	T. Leadville
T. Queen 4018'	T. Silurian	T. Menefee	T. Madison
T. Grayburg 4436'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 4824'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 5518'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry 5717'	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGICAL CORE (Minimum additional sheet if necessary)				LITHOLOGICAL CORE (Minimum additional sheet if necessary)			
From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

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

ACKNOWLEDGMENTS

Action 157679

ACKNOWLEDGMENTS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 157679
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

Action 157679

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 157679
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
nmurphy	None	4/13/2023