

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil 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 NW
⁴ API Number 30 - 0 05-64372	⁵ Pool Name Round Tank; San Andres	⁶ Pool Code 52770
⁷ Property Code 333514	⁸ Property Name Kingston Federal Com	⁹ Well Number 1H

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
I	18	15S	29E		2202	South	330	East	Chaves

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
P	19	15S	29E		3	South	331	East	Chaves
¹² Lse Code F	¹³ Producing Method Code Producing	¹⁴ Gas Connection Date 4/24/2023	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 Co LLC P.O. 1600 Artesia, NM 88211-1600	O
036788	DCP Midstream 4001 Penbrook Odessa, TX 79762	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
2/19/2023	4/10/2023	10,344'	10,285'	3,646-10,240'	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17 1/2"		13 3/8"		260'	567sx
12 1/4"		9 5/8"		1203'	410sx
8 3/4"		7 & 5 1/2"		10,336'	2325sx
		3 1/2" tubing		3226'	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
4/27/2023	4/24/2023	4/27/2023	24hrs		
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
	48	1220	29	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: *Deana Weaver*

Printed name:
Deana Weaver

Title:
Regulatory Technician II

E-mail Address:
dweaver@mec.com

Date: 5/3/2023 Phone: 575-748-1288

OIL CONSERVATION DIVISION	
Approved by:	
Title:	
Approval Date:	

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 Road, 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

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
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-64372		² Pool Code 52770		³ Pool Name Round Tank; San Andres	
⁴ Property Code 333514		⁵ Property Name KINGSTON FEDERAL COM			⁶ Well Number 1H
⁷ OGRID No. 13837		⁸ Operator Name MACK ENERGY CORPORATION			⁹ Elevation 3764.6

¹⁰ Surface Location

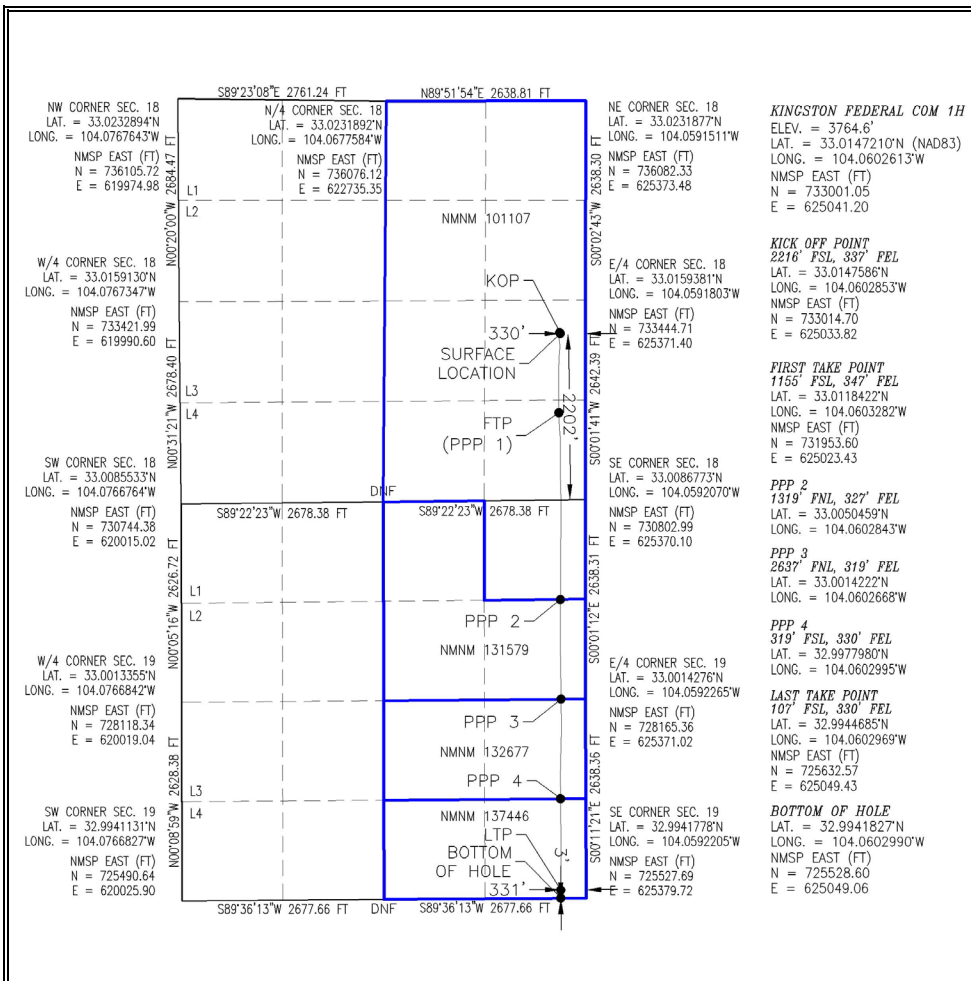
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	18	15 S	29 E		2202	SOUTH	330	EAST	CHAVES

¹¹ 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
P	19	15 S	29 E		3	SOUTH	331	EAST	CHAVES

¹² Dedicated Acres 200	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.



¹⁷ 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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Deana Weaver 4/17/2023
Signature Date

Deana Weaver
Printed Name

dweaver@mec.com
E-mail Address

¹⁸ 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.

APRIL 17, 2023
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

Certificate Number: **LS 12797**

PROFESSIONAL SURVEYOR
NO. 9183A

Intent As Drilled

API # 30-005-64372		
Operator Name: MACK ENERGY CORPORATION	Property Name: KINGSTON FEDERAL COM	Well Number 1H

Kick Off Point (KOP)

UL I	Section 18	Township 15S	Range 29E	Lot	Feet 2216	From N/S SOUTH	Feet 337	From E/W EAST	County CHAVES
Latitude 33.0147586					Longitude 104.0602853				NAD 83

First Take Point (FTP)

UL P	Section 18	Township 15S	Range 29E	Lot	Feet 1155	From N/S SOUTH	Feet 347	From E/W EAST	County CHAVES
Latitude 33.0118422					Longitude 104.0603282				NAD 83

Last Take Point (LTP)

UL P	Section 19	Township 15S	Range 29E	Lot	Feet 107	From N/S SOUTH	Feet 330	From E/W EAST	County CHAVES
Latitude 32.9944685					Longitude 104.0602969				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

Is this well an infill well?

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Mack Energy

Chaves County
Sec 18-T15S-R29E
Kingston Federal Com 1H

Wellbore #1

Survey: Survey #1

Standard Survey Report

03 March, 2023



Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Site Sec 18-T15S-R29E
Project:	Chaves County	TVD Reference:	3764.6+18.8 @ 3783.40usft
Site:	Sec 18-T15S-R29E	MD Reference:	3764.6+18.8 @ 3783.40usft
Well:	Kingston Federal Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Project	Chaves County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 18-T15S-R29E				
Site Position:		Northing:	731,744.54 usft	Latitude:	33.011277
From:	Map	Easting:	623,696.04 usft	Longitude:	-104.064660
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.15 °

Well	Kingston Federal Com 1H					
Well Position	+N/-S	1,256.51 usft	Northing:	733,001.05 usft	Latitude:	33.014721
	+E/-W	1,345.16 usft	Easting:	625,041.20 usft	Longitude:	-104.060262
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,764.60 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	01/04/23	6.64	60.63	47,775.89728889

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	1,256.51	1,345.16	179.93	

Survey Program	Date	03/03/23		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
147.00	10,344.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	1,256.51	1,345.16	0.00	0.00	0.00	0.00	
147.00	0.50	28.49	147.00	1,257.07	1,345.47	-0.56	0.34	0.34	0.00	
1st MWD Survey										
197.00	0.30	139.49	197.00	1,257.17	1,345.66	-0.66	1.34	-0.40	222.00	
306.00	0.90	359.20	305.99	1,257.81	1,345.83	-1.29	1.05	0.55	-128.71	
453.00	0.80	353.80	452.98	1,259.98	1,345.70	-3.47	0.09	-0.07	-3.67	
607.00	0.70	333.90	606.96	1,261.89	1,345.17	-5.38	0.18	-0.06	-12.92	
731.00	0.40	325.40	730.96	1,262.93	1,344.59	-6.42	0.25	-0.24	-6.85	
854.00	0.30	279.00	853.96	1,263.33	1,344.03	-6.82	0.24	-0.08	-37.72	
978.00	0.40	275.40	977.95	1,263.42	1,343.28	-6.92	0.08	0.08	-2.90	
1,101.00	0.40	255.40	1,100.95	1,263.36	1,342.44	-6.85	0.11	0.00	-16.26	

Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Site Sec 18-T15S-R29E
Project:	Chaves County	TVD Reference:	3764.6+18.8 @ 3783.40usft
Site:	Sec 18-T15S-R29E	MD Reference:	3764.6+18.8 @ 3783.40usft
Well:	Kingston Federal Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
1,148.00	0.40	253.20	1,147.95	1,263.27	1,342.12	-6.76	0.03	0.00	-4.68	
1,271.00	0.30	283.00	1,270.95	1,263.22	1,341.40	-6.71	0.17	-0.08	24.23	
1,333.00	0.40	276.30	1,332.95	1,263.28	1,341.02	-6.77	0.17	0.16	-10.81	
1,394.00	0.60	267.00	1,393.94	1,263.28	1,340.49	-6.78	0.35	0.33	-15.25	
1,456.00	0.60	254.20	1,455.94	1,263.18	1,339.86	-6.67	0.22	0.00	-20.65	
1,517.00	0.60	248.40	1,516.94	1,262.97	1,339.25	-6.47	0.10	0.00	-9.51	
1,579.00	0.70	328.60	1,578.93	1,263.18	1,338.75	-6.67	1.36	0.16	129.35	
1,641.00	0.90	344.90	1,640.93	1,263.97	1,338.43	-7.47	0.49	0.32	26.29	
1,703.00	0.90	348.20	1,702.92	1,264.92	1,338.20	-8.42	0.08	0.00	5.32	
1,765.00	0.80	347.10	1,764.91	1,265.82	1,338.00	-9.31	0.16	-0.16	-1.77	
1,826.00	0.70	12.10	1,825.91	1,266.60	1,337.99	-10.09	0.56	-0.16	40.98	
1,888.00	0.70	2.30	1,887.90	1,267.34	1,338.08	-10.84	0.19	0.00	-15.81	
1,993.00	0.70	2.50	1,992.90	1,268.63	1,338.14	-12.12	0.00	0.00	0.19	
2,055.00	0.40	10.00	2,054.89	1,269.22	1,338.19	-12.72	0.50	-0.48	12.10	
2,117.00	0.30	354.00	2,116.89	1,269.59	1,338.21	-13.09	0.22	-0.16	-25.81	
2,178.00	0.10	309.50	2,177.89	1,269.78	1,338.15	-13.28	0.39	-0.33	-72.95	
2,240.00	0.30	323.70	2,239.89	1,269.95	1,338.02	-13.45	0.33	0.32	22.90	
2,302.00	0.30	314.10	2,301.89	1,270.19	1,337.80	-13.69	0.08	0.00	-15.48	
2,396.00	1.80	190.60	2,395.88	1,268.91	1,337.35	-12.41	2.11	1.60	-131.38	
2,426.00	3.60	192.00	2,425.84	1,267.53	1,337.07	-11.03	6.00	6.00	4.67	
2,457.00	5.90	191.80	2,456.73	1,265.02	1,336.54	-8.52	7.42	7.42	-0.65	
2,488.00	8.00	191.10	2,487.50	1,261.34	1,335.80	-4.84	6.78	6.77	-2.26	
2,519.00	9.80	191.10	2,518.13	1,256.63	1,334.88	-0.14	5.81	5.81	0.00	
2,550.00	11.80	190.00	2,548.58	1,250.92	1,333.82	5.57	6.49	6.45	-3.55	
2,580.00	14.00	188.60	2,577.82	1,244.31	1,332.75	12.18	7.41	7.33	-4.67	
2,611.00	16.10	186.00	2,607.76	1,236.33	1,331.74	20.16	7.11	6.77	-8.39	
2,642.00	18.40	184.40	2,637.36	1,227.18	1,330.91	29.32	7.57	7.42	-5.16	
2,673.00	20.80	183.10	2,666.56	1,216.80	1,330.24	39.69	7.87	7.74	-4.19	
2,704.00	23.00	181.30	2,695.32	1,205.25	1,329.80	51.24	7.42	7.10	-5.81	
2,735.00	25.20	179.20	2,723.62	1,192.59	1,329.76	63.90	7.62	7.10	-6.77	
2,766.00	27.50	176.50	2,751.40	1,178.85	1,330.29	77.65	8.36	7.42	-8.71	
2,797.00	30.10	175.10	2,778.56	1,163.96	1,331.39	92.54	8.66	8.39	-4.52	
2,828.00	32.70	173.30	2,805.02	1,147.89	1,333.03	108.60	8.92	8.39	-5.81	
2,859.00	35.20	173.70	2,830.73	1,130.69	1,334.99	125.81	8.10	8.06	1.29	
2,890.00	36.90	176.20	2,855.80	1,112.52	1,336.58	143.98	7.25	5.48	8.06	
2,921.00	38.40	179.40	2,880.34	1,093.61	1,337.30	162.90	7.95	4.84	10.32	
2,952.00	40.20	181.30	2,904.33	1,073.97	1,337.18	182.53	6.98	5.81	6.13	
2,983.00	42.40	182.30	2,927.62	1,053.53	1,336.53	202.97	7.41	7.10	3.23	
3,014.00	44.60	183.60	2,950.11	1,032.22	1,335.43	224.28	7.66	7.10	4.19	
3,045.00	46.80	184.40	2,971.76	1,010.09	1,333.88	246.41	7.33	7.10	2.58	
3,076.00	49.20	183.80	2,992.50	987.11	1,332.23	269.38	7.87	7.74	-1.94	
3,107.00	52.10	183.10	3,012.15	963.18	1,330.79	293.31	9.52	9.35	-2.26	
3,125.00	53.10	182.60	3,023.08	948.90	1,330.08	307.59	5.98	5.56	-2.78	

Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Site Sec 18-T15S-R29E
Project:	Chaves County	TVD Reference:	3764.6+18.8 @ 3783.40usft
Site:	Sec 18-T15S-R29E	MD Reference:	3764.6+18.8 @ 3783.40usft
Well:	Kingston Federal Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
3,135.00	53.60	182.40	3,029.05	940.89	1,329.73	315.60	5.25	5.00	-2.00	
3,145.00	53.80	182.50	3,034.97	932.84	1,329.39	323.66	2.16	2.00	1.00	
3,155.00	54.00	182.40	3,040.86	924.76	1,329.04	331.73	2.16	2.00	-1.00	
3,165.00	54.20	182.30	3,046.73	916.67	1,328.71	339.82	2.16	2.00	-1.00	
3,175.00	54.50	182.60	3,052.56	908.55	1,328.36	347.94	3.87	3.00	3.00	
3,185.00	54.70	182.50	3,058.35	900.41	1,328.00	356.08	2.16	2.00	-1.00	
3,195.00	54.90	182.60	3,064.11	892.24	1,327.64	364.24	2.16	2.00	1.00	
3,205.00	55.20	182.40	3,069.84	884.06	1,327.28	372.43	3.42	3.00	-2.00	
3,215.00	55.40	182.30	3,075.54	875.84	1,326.94	380.65	2.16	2.00	-1.00	
3,225.00	55.60	182.20	3,081.20	867.61	1,326.62	388.88	2.16	2.00	-1.00	
3,235.00	55.80	182.60	3,086.83	859.35	1,326.27	397.14	3.86	2.00	4.00	
3,245.00	56.00	182.50	3,092.44	851.08	1,325.90	405.41	2.16	2.00	-1.00	
3,255.00	56.20	182.50	3,098.02	842.79	1,325.54	413.70	2.00	2.00	0.00	
3,265.00	56.40	182.40	3,103.57	834.48	1,325.18	422.01	2.17	2.00	-1.00	
3,275.00	56.60	182.30	3,109.09	826.14	1,324.84	430.34	2.17	2.00	-1.00	
3,285.00	56.90	182.10	3,114.57	817.79	1,324.52	438.70	3.43	3.00	-2.00	
3,295.00	57.10	182.10	3,120.02	809.41	1,324.21	447.08	2.00	2.00	0.00	
3,305.00	57.20	181.90	3,125.44	801.01	1,323.92	455.47	1.96	1.00	-2.00	
3,315.00	57.60	181.90	3,130.83	792.59	1,323.64	463.89	4.00	4.00	0.00	
3,325.00	58.20	181.80	3,136.14	784.12	1,323.37	472.36	6.06	6.00	-1.00	
3,355.00	61.10	181.40	3,151.30	758.25	1,322.65	498.24	9.73	9.67	-1.33	
3,417.00	68.80	181.90	3,177.53	702.15	1,321.02	554.34	12.44	12.42	0.81	
3,479.00	75.20	179.20	3,196.68	643.22	1,320.48	613.26	11.12	10.32	-4.35	
3,540.00	78.80	178.60	3,210.40	583.80	1,321.63	672.68	5.98	5.90	-0.98	
3,602.00	84.00	179.30	3,219.67	522.53	1,322.75	733.95	8.46	8.39	1.13	
3,662.00	87.60	180.00	3,224.06	462.71	1,323.11	793.78	6.11	6.00	1.17	
3,694.00	88.10	180.20	3,225.26	430.73	1,323.06	825.76	1.68	1.56	0.62	
3,755.00	90.20	179.30	3,226.17	369.74	1,323.32	886.74	3.75	3.44	-1.48	
3,817.00	90.90	178.20	3,225.57	307.76	1,324.67	948.73	2.10	1.13	-1.77	
3,879.00	91.00	178.60	3,224.55	245.79	1,326.40	1,010.70	0.66	0.16	0.65	
3,941.00	90.40	178.30	3,223.79	183.82	1,328.08	1,072.67	1.08	-0.97	-0.48	
4,003.00	91.20	178.00	3,222.92	121.86	1,330.08	1,134.63	1.38	1.29	-0.48	
4,127.00	90.30	177.00	3,221.30	-2.01	1,335.49	1,258.51	1.08	-0.73	-0.81	
4,251.00	89.80	176.90	3,221.19	-125.83	1,342.09	1,382.34	0.41	-0.40	-0.08	
4,312.00	89.60	179.00	3,221.51	-186.79	1,344.27	1,443.30	3.46	-0.33	3.44	
4,374.00	89.10	180.60	3,222.21	-248.78	1,344.49	1,505.29	2.70	-0.81	2.58	
4,436.00	89.60	180.70	3,222.92	-310.78	1,343.78	1,567.28	0.82	0.81	0.16	
4,498.00	90.20	180.30	3,223.03	-372.77	1,343.24	1,629.28	1.16	0.97	-0.65	
4,560.00	90.50	180.40	3,222.65	-434.77	1,342.86	1,691.28	0.51	0.48	0.16	
4,684.00	90.10	178.20	3,222.00	-558.75	1,344.38	1,815.26	1.80	-0.32	-1.77	
4,747.00	90.50	177.90	3,221.67	-621.71	1,346.52	1,878.22	0.79	0.63	-0.48	
4,871.00	89.80	179.20	3,221.34	-745.67	1,349.66	2,002.18	1.19	-0.56	1.05	
4,933.00	90.40	179.40	3,221.24	-807.67	1,350.42	2,064.18	1.02	0.97	0.32	

Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Site Sec 18-T15S-R29E
Project:	Chaves County	TVD Reference:	3764.6+18.8 @ 3783.40usft
Site:	Sec 18-T15S-R29E	MD Reference:	3764.6+18.8 @ 3783.40usft
Well:	Kingston Federal Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,057.00	89.70	179.10	3,221.13	-931.65	1,352.04	2,188.17	0.61	-0.56	-0.24	
5,119.00	90.10	179.30	3,221.24	-993.65	1,352.91	2,250.17	0.72	0.65	0.32	
5,181.00	90.50	179.30	3,220.91	-1,055.64	1,353.66	2,312.16	0.65	0.65	0.00	
5,304.00	89.90	180.50	3,220.48	-1,178.64	1,353.88	2,435.16	1.09	-0.49	0.98	
5,366.00	90.30	180.30	3,220.37	-1,240.64	1,353.45	2,497.15	0.72	0.65	-0.32	
5,428.00	90.90	180.00	3,219.72	-1,302.63	1,353.28	2,559.15	1.08	0.97	-0.48	
5,551.00	89.90	180.90	3,218.87	-1,425.62	1,352.32	2,682.14	1.09	-0.81	0.73	
5,613.00	90.30	180.50	3,218.76	-1,487.62	1,351.56	2,744.13	0.91	0.65	-0.65	
5,737.00	89.80	180.40	3,218.65	-1,611.61	1,350.59	2,868.13	0.41	-0.40	-0.08	
5,861.00	89.70	180.60	3,219.19	-1,735.61	1,349.50	2,992.12	0.18	-0.08	0.16	
5,984.00	89.70	180.20	3,219.83	-1,858.60	1,348.65	3,115.11	0.33	0.00	-0.33	
6,108.00	89.80	180.20	3,220.38	-1,982.60	1,348.21	3,239.11	0.08	0.08	0.00	
6,231.00	89.60	180.00	3,221.02	-2,105.60	1,348.00	3,362.11	0.23	-0.16	-0.16	
6,294.00	89.70	180.40	3,221.40	-2,168.60	1,347.78	3,425.11	0.65	0.16	0.63	
6,418.00	89.60	180.20	3,222.16	-2,292.59	1,347.13	3,549.10	0.18	-0.08	-0.16	
6,480.00	90.50	181.60	3,222.11	-2,354.58	1,346.16	3,611.09	2.68	1.45	2.26	
6,604.00	90.10	180.20	3,221.46	-2,478.56	1,344.21	3,735.07	1.17	-0.32	-1.13	
6,666.00	90.50	180.60	3,221.13	-2,540.56	1,343.77	3,797.07	0.91	0.65	0.65	
6,789.00	90.40	180.20	3,220.17	-2,663.55	1,342.92	3,920.06	0.34	-0.08	-0.33	
6,913.00	90.60	179.80	3,219.09	-2,787.55	1,342.92	4,044.05	0.36	0.16	-0.32	
7,037.00	89.60	178.40	3,218.87	-2,911.53	1,344.86	4,168.03	1.39	-0.81	-1.13	
7,099.00	89.60	178.60	3,219.30	-2,973.51	1,346.49	4,230.01	0.32	0.00	0.32	
7,160.00	89.70	178.40	3,219.67	-3,034.48	1,348.08	4,290.99	0.37	0.16	-0.33	
7,222.00	90.10	178.80	3,219.78	-3,096.46	1,349.60	4,352.98	0.91	0.65	0.65	
7,284.00	90.40	179.40	3,219.51	-3,158.46	1,350.57	4,414.97	1.08	0.48	0.97	
7,345.00	90.70	179.40	3,218.93	-3,219.45	1,351.21	4,475.96	0.49	0.49	0.00	
7,407.00	90.80	180.00	3,218.11	-3,281.44	1,351.54	4,537.96	0.98	0.16	0.97	
7,469.00	90.20	179.00	3,217.57	-3,343.44	1,352.08	4,599.95	1.88	-0.97	-1.61	
7,531.00	90.40	178.90	3,217.25	-3,405.43	1,353.21	4,661.94	0.36	0.32	-0.16	
7,593.00	90.50	179.00	3,216.76	-3,467.41	1,354.35	4,723.93	0.23	0.16	0.16	
7,717.00	89.70	179.30	3,216.55	-3,591.40	1,356.19	4,847.92	0.69	-0.65	0.24	
7,779.00	90.10	179.70	3,216.65	-3,653.40	1,356.73	4,909.92	0.91	0.65	0.65	
7,841.00	90.40	180.00	3,216.38	-3,715.40	1,356.89	4,971.92	0.68	0.48	0.48	
7,964.00	89.00	179.00	3,217.03	-3,838.38	1,357.96	5,094.91	1.40	-1.14	-0.81	
8,088.00	88.40	180.30	3,219.84	-3,962.35	1,358.72	5,218.87	1.15	-0.48	1.05	
8,150.00	88.70	179.90	3,221.41	-4,024.33	1,358.61	5,280.85	0.81	0.48	-0.65	
8,273.00	89.10	181.70	3,223.77	-4,147.29	1,356.90	5,403.81	1.50	0.33	1.46	
8,335.00	89.70	182.20	3,224.42	-4,209.25	1,354.79	5,465.76	1.26	0.97	0.81	
8,397.00	90.40	182.30	3,224.37	-4,271.20	1,352.35	5,527.71	1.14	1.13	0.16	
8,459.00	91.00	181.60	3,223.61	-4,333.16	1,350.24	5,589.67	1.49	0.97	-1.13	
8,521.00	91.40	181.60	3,222.31	-4,395.12	1,348.51	5,651.63	0.65	0.65	0.00	
8,583.00	92.10	181.90	3,220.42	-4,457.06	1,346.62	5,713.57	1.23	1.13	0.48	
8,706.00	91.60	180.20	3,216.45	-4,579.97	1,344.37	5,836.48	1.44	-0.41	-1.38	
8,829.00	89.80	178.60	3,214.94	-4,702.95	1,345.66	5,959.45	1.96	-1.46	-1.30	

Microsoft
Survey Report



Company:	Mack Energy	Local Co-ordinate Reference:	Site Sec 18-T15S-R29E
Project:	Chaves County	TVD Reference:	3764.6+18.8 @ 3783.40usft
Site:	Sec 18-T15S-R29E	MD Reference:	3764.6+18.8 @ 3783.40usft
Well:	Kingston Federal Com 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,893.00	90.10	178.70	3,215.00	-4,766.93	1,347.16	6,023.44	0.49	0.47	0.16
9,019.00	89.40	179.30	3,215.55	-4,892.91	1,349.36	6,149.42	0.73	-0.56	0.48
9,083.00	89.80	179.50	3,216.00	-4,956.90	1,350.03	6,213.41	0.70	0.62	0.31
9,146.00	90.10	179.50	3,216.05	-5,019.90	1,350.58	6,276.41	0.48	0.48	0.00
9,210.00	90.60	179.90	3,215.66	-5,083.90	1,350.92	6,340.41	1.00	0.78	0.62
9,336.00	90.30	179.50	3,214.67	-5,209.89	1,351.58	6,466.40	0.40	-0.24	-0.32
9,399.00	90.60	179.60	3,214.18	-5,272.89	1,352.07	6,529.40	0.50	0.48	0.16
9,526.00	89.70	179.70	3,213.84	-5,399.88	1,352.85	6,656.40	0.71	-0.71	0.08
9,590.00	90.10	179.50	3,213.95	-5,463.88	1,353.30	6,720.40	0.70	0.62	-0.31
9,653.00	90.20	179.70	3,213.79	-5,526.88	1,353.73	6,783.39	0.35	0.16	0.32
9,717.00	90.50	179.90	3,213.40	-5,590.88	1,353.96	6,847.39	0.56	0.47	0.31
9,780.00	90.60	180.30	3,212.79	-5,653.87	1,353.85	6,910.39	0.65	0.16	0.63
9,844.00	90.60	180.40	3,212.12	-5,717.87	1,353.46	6,974.38	0.16	0.00	0.16
9,971.00	90.50	179.70	3,210.90	-5,844.86	1,353.35	7,101.38	0.56	-0.08	-0.55
10,098.00	90.50	180.00	3,209.80	-5,971.86	1,353.68	7,228.37	0.24	0.00	0.24
10,225.00	89.70	180.20	3,209.57	-6,098.86	1,353.46	7,355.37	0.65	-0.63	0.16
10,284.00	90.00	180.20	3,209.73	-6,157.86	1,353.25	7,414.37	0.51	0.51	0.00
Last MWD Survey 10284 MD/3209.73 TVD -6157.86 S 1353.25 E N: 725586.6 E: 625049.2									
10,344.00	90.00	180.20	3,209.73	-6,217.85	1,353.04	7,474.37	0.00	0.00	0.00
PTB 10344 MD/3209.73 TVD -6217.85 S 1353.04 E N: 725526.6 E: 625049.0									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
147.00	147.00	1,257.07	1,345.47	1st MWD Survey
10,284.00	3,209.73	-6,157.86	1,353.25	Last MWD Survey 10284 MD/3209.73 TVD -6157.86 S 1353.25 E N: 725586.6
10,344.00	3,209.73	-6,217.85	1,353.04	PTB 10344 MD/3209.73 TVD -6217.85 S 1353.04 E N: 725526.6 E: 625049.0

Checked By: _____ Approved By: _____ Date: _____

Submit 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

WELL API NO. 30-005-64372
5. Indicate Type of Lease STATE [] FEE []
6. State Oil & Gas Lease No. NMNM-101107
7. Lease Name or Unit Agreement Name Kingston Federal Com
8. Well Number 1H
9. OGRID Number 013837
10. Pool name or Wildcat Round Tank; San Andres 52770
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3764.6' GR

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.)
1. Type of Well: Oil Well [x] Gas Well [] Other []
2. Name of Operator Mack Energy Corporation
3. Address of Operator P.O. Box 960 Artesia, NM 88210
4. Well Location Unit Letter I : 2202 feet from the South line and 330 feet from the East line
Section 18 Township 15S Range 29E NMPM County Chaves, NM

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: Completion [x]

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.

3/14-4/10/2023 Perforated 3646-10,240' .41, 840 holes. Frac w/ 1,055bbbls 15% Acid, 16,046bbbls SW, 117,833bbbls X-Link, 577,860# 100 Mesh, 1,051,280# 30/60 Brown, 4,800,930# 20/40 White, 810,845# 40/70 Resin. RIH w/ 99jts 3 1/2" J-55 tubing @ 3226', 85M1400 Stator pump @ 3264'.

Spud Date: 2/19/2023

Rig Release Date: 3/4/2023

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

SIGNATURE Deana Weaver TITLE Regulatory Technician II DATE 5/3/2023

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 District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 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
		1. WELL API NO. 30-005-64372
		2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN
		3. State Oil & Gas Lease No. NMNM101107

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 Kingston Federal Com 6. Well Number: 1H
---	---

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator Mack Energy Corporation	9. OGRID 013837
---	---------------------------

10. Address of Operator P.O. Box 960 Artesia, NM 88210	11. Pool name or Wildcat Round Tank; San Andres 52770
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12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	I	18	15S	29E		2202	South	330	East	Chaves
BH:	P	19	15S	29E		3	South	331	East	Chaves

13. Date Spudded 2/19/2023	14. Date T.D. Reached 3/4/2023	15. Date Rig Released 3/4/2023	16. Date Completed (Ready to Produce) 4/10/2023	17. Elevations (DF and RKB, RT, GR, etc.) 3764.6' GR
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18. Total Measured Depth of Well 10,344'	19. Plug Back Measured Depth 10,285'	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run No Logs
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22. Producing Interval(s), of this completion - Top, Bottom, Name
 3,646-10,240' Round Tank; San Andres

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	260'	17 1/2"	567sx	
9 5/8"	40#	1,203'	12 1/4"	410sx	
7"	26#	0-3,365'	8 3/4"	400sx	
5 1/2"	17#	3,365-10,336'	8 3/4"	1925sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					3 1/2" J-55	3226'	3264'

26. Perforation record (interval, size, and number) 3,646-10,240', .41, 840 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3,646'-10,240'	1,055bbbls 15% Acid, 16,046bbbls SW, 117,833bbbls X-Link
		577,860# 100 Mesh, 1,051,280# 30/60 Brown, 4,800,930#
	20/40 White , 810,845# 40/70 Resin	

28. PRODUCTION

Date First Production 4/24/2023	Production Method (Flowing, gas lift, pumping - Size and type pump) 35M1400 Stator @ 3264'	Well Status (Prod. or Shut-in) Producing
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Date of Test 4/27/2023	Hours Tested 24hrs	Choke Size	Prod'n For Test Period	Oil - Bbl 48	Gas - MCF 29	Water - Bbl. 1220	Gas - Oil Ratio 604
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Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 48	Gas - MCF 29	Water - Bbl. 1220	Oil Gravity - API - (Corr.) 37.3
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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: 3/4/2023
--	--------------------------------

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 *Deana Weaver* Printed Name Deana Weaver Title Regulatory Technician II Date 5/3/2023

E-mail Address dweaver@mec.com

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 250	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 700	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 850	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1090	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1580	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1970	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2285	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	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	

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach 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 213080

ACKNOWLEDGMENTS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 213080
	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

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

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

CONDITIONS

Action 213080

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 213080
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	11/6/2023