



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

05/16/2023

Operator Name MACK ENERGY CORPORATION	Well Name WHITE ROCK FEDERAL	Well Number 3H	US Well Number 3000564371
SHL NWNW Sec 28 15S 29E	County CHAVES	State NM	Lease Number(s) NMNM131581
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400082566

Section 1 - General

Well Completion Report Id: 87866**Submission Date:** 05-15-2023**BLM Office:** Roswell Field Office**User:** DEANA WEAVER**Title:** Production Clerk**Federal/Indian:** FEDERAL**Lease Number:** NMNM131581**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:****APD Operator:** MACK ENERGY CORPORATION

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** SAN ANDRES**Field Name:** ROUND TANK**Well Type:** OIL WELL**Spud Date:** 03-06-2023**Date Total Measured Depth Reached:** 03-16-2023**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUÁTERNARY	ALLUVIUM		3799	0	0	NONE	
TOP OF SALT	SALT		3522	277	277	NONE	

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
BASE OF SALT	SALT		3017	782	782	NONE	
YATES	SILTSTONE		2866	933	933	NATURAL GAS, OIL	
SEVEN RIVERS	SILTSTONE		2634	1165	1165	NATURAL GAS, OIL	
QUEEN	SILTSTONE		2145	1654	1654	NATURAL GAS, OIL	
GRAYBURG	DOLOMITE, SILTSTONE		1746	2053	2053	NATURAL GAS, OIL	
SAN ANDRES	DOLOMITE		1439	2360	2360	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	SI	1	NMNM131581	NMNM131581	NEW		POW	05-11-2023	05-13-2023	SAN ANDRES	3804	8845	Y	.41	624	OPEN

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Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	SI	1	Y	FRAC	109506	5175770	974.6bbls 15% Acid, 9100.8bbls SW, 99431.09bb ls X-Link, 412,720# 100 Mesh, 704,620# 30/60 Brown, 3,472,890# 20/40 White, 585,540# 40/70 Resin

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	SI	1	37.3	0.6	ELECTRIC PUMPING UNIT		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	SI	1	05/13/2023	24	220	96	1186	436				

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Well Location

Survey Type: RECTANGULAR

Survey Number: 9184

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Acqu/Land/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9922382	-104.0387986	3799	N/A	N/A	FEDERAL	NMNM131582				707	FNL	990	FWL	15S	29E	28	NW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9922431	-104.0387897	1253	2546	2546	FEDERAL	NMNM131582				705	FNL	993	FWL	15S	29E	28	NW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9945299	-104.0387422	448	3787	3351	FEDERAL	NMNM131581				127	FSL	1000	FWL	15S	29E	21	SW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	33.008379	-104.0387621	475	8900	3324	FEDERAL	NMNM131581				103	FNL	1000	FWL	15S	29E	21	NW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	33.0086537	-104.0387561	475	9017	3324	FEDERAL	NMNM131581				3	FNL	999	FWL	15S	29E	21	NW

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Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	250	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	1200	9.625	40	J-55		LT&C		
00	PRODUCT ION	8.75	0	2450	7.0	26	HCP-110		LT&C		
00	PRODUCT ION	8.75	2450	3500	7.0	26	HCP-110		OTHER	Buttress	
00	PRODUCT ION	8.75	3500	8940	5.5	17	HCP-110		OTHER	Buttress	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Scavenger	50	1.61	0	Class C+1%PF1	340	1.34	0	95.5
00	INTERMEDIATE		Class C+1%PF1	420	1.34	0					100.2
00	PRODUCT ION		50/50 POZ/C	440	1.84	0	50/50 POZ/C	1470	1.48	0	531.7
00	PRODUCT ION		0	0	0	0					0
00	PRODUCT ION		0	0	0	0					0

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Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	3.5		3329	3370		J-55			

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

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Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: MACK ENERGY CORPORATION

Signed By: DEANA WEAVER

Title: Production Clerk

Signed on: 05/15/2023

Street Address: 11344 Lovington HWY

City: Artesia

State: NM

Zip: 88211

Phone: (575)748-1288

Email address: dweaver@mec.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

FINAL_2_MD_White_Rock_Fed_3H_20230505101348.pdf

C_102_Prosped_AAPD_approval_20230505101406.pdf

FINAL_White_Rock_3H_Survey_Sheet_20230515102213.pdf

C_102_AS_DRILLED_20230515102559.pdf

Well Name: WHITE ROCK FEDERAL	Well Location: T15S / R29E / SEC 28 / NWNW / 32.9922382 / -104.0387986	County or Parish/State: CHAVES / NM
Well Number: 3H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM131581	Unit or CA Name:	Unit or CA Number:
US Well Number: 3000564371	Well Status: Drilling Well	Operator: MACK ENERGY CORPORATION

Subsequent Report

Sundry ID: 2725763

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/15/2023

Date Operation Actually Began: 03/25/2023

Type of Action: Hydraulic Fracturing

Time Sundry Submitted: 12:15

Actual Procedure: 3/25-5/11/2023 Perforated 3804-8845' w/ 624 holes. Frac w/ 974.6bbls 15% Acid, 9,100.8bbls SW, 99,431.09bbls X-Link, 412,720# 100 Mesh, 704,620# 30/60 Brown, 3,472,890# 20/40 White, 585,540# 40/70 Resin. RIH w/ 102jts 3 1/2" J-55 tbg @ 3329', 85M1400 Stator Pump @ 3370'.

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Lease Number: NMNM131581	Unit or CA Name:	Unit or CA Number:
US Well Number: 3000564371	Well Status: Drilling Well	Operator: MACK ENERGY CORPORATION

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: DEANA WEAVER

Signed on: MAY 15, 2023 10:13 AM

Name: MACK ENERGY CORPORATION

Title: Production Clerk

Street Address: 11344 Lovington HWY

City: ArtesiaState: NM

Phone: (575) 748-1288

Email address: dweaver@mec.com

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JENNIFER SANCHEZ

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5756270237

BLM POC Email Address: j1sanchez@blm.gov

Disposition: Accepted

Disposition Date: 05/16/2023

Signature: Jennifer Sanchez

Well Name: WHITE ROCK FEDERAL	Well Location: T15S / R29E / SEC 28 / NWNW / 32.9922382 / -104.0387986	County or Parish/State: CHAVES / NM
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Lease Number: NMNM131581	Unit or CA Name:	Unit or CA Number:
US Well Number: 3000564371	Well Status: Drilling Well	Operator: MACK ENERGY CORPORATION

Notification

Sundry ID:	2730843	Type of Action:	First Production
Type of Submission:	Notification	Time Sundry Submitted:	9:08:25 AM
Date Sundry Submitted:	May 15, 2023		
First Production Date:	May 13, 2023		
US Well Number:	3000564371		
First Production Remarks:	5/13/2023 First Production Date		
Disposition:	Accepted		
Accepted Date:	05/15/2023		

Wellbore Code	Completion Code
00	X1

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 217208

ACKNOWLEDGMENTS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 217208
	Action Type: [C-105] Well (Re)Completion (C-105)

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
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 217208

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 217208
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	11/7/2023