

Well Name: WHITE ROCK FEDERAL	Well Location: T15S / R29E / SEC 28 / NWNW / 32.99379 / -104.0401	County or Parish/State: CHAVES / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM131581	Unit or CA Name:	Unit or CA Number:
US Well Number: 3000564300	Well Status: Producing Oil Well	Operator: MACK ENERGY CORPORATION

Notice of Intent

Sundry ID: 2771640

Type of Submission: Notice of Intent

Type of Action: Produced Water Disposal

Date Sundry Submitted: 01/25/2024

Time Sundry Submitted: 08:34

Date proposed operation will begin: 01/24/2024

Procedure Description: Onshore Order No. 7 1. Name of formations producing water on this lease. Round Tank San Andres 2. Amount of water produced in barrels per day. 2064 3. Water Analysis. Attached 4. How is water stored on lease. Fiberglass Tanks 5. how water is moved to disposal facility. Pipeline 6. Disposal Facility. Mack Energy Corporation, Round Tank SWD #1, WDW, NESW Sec. 19 T15S R29E

NOI Attachments

Procedure Description

White_Rock_Water_Analysis_20240125082647.pdf

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM131581

Unit or CA Name:

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US Well Number: 3000564300

Well Status: Producing Oil 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: JAN 25, 2024 08:26 AM

Name: MACK ENERGY CORPORATION

Title: Production Clerk

Street Address: 11344 Lovington HWY

City: Artesia

State: 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: SHELLY J TAYLOR

BLM POC Title: Environmental Protection Specialist

BLM POC Phone: 5752345972

BLM POC Email Address: SJTAYLOR@BLM.GOV

Disposition: Accepted

Disposition Date: 02/08/2024

Signature: Shelly J Taylor - Acting AFM



Catalyst Oilfield Services
11999 E Hwy 158
Gardendale, TX 79758
(432) 563-0727
Fax: (432) 224-1038

Water Analysis Report

Customer: Mack Energy Corporation
Area: Artesia
Lease: White Rock
Location: Federal #1H 0
Sample Point: Wellhead

Sample #: 55880

Analysis ID #: 53988

		Anions		Cations	
		mg/l	meq/l	mg/l	meq/l
Sampling Date:	12/21/2017	Chloride:	93901.4	Sodium:	58100.0
Analysis Date:	1/6/2018	Bicarbonate:	241.6	Magnesium:	969.6
Analyst:	Catalyst	Carbonate:		Calcium:	2737.0
TDS (mg/l or g/m3):	161820.5	Sulfate:	5000.0	Potassium:	571.6
Density (g/cm3):	1.107	Borate*:	229.5	Strontium:	66.0
		Phosphate*		Barium:	0.0
Hydrogen Sulfide:	11	*Calculated based on measured elemental boron and phosphorus.		Iron:	3.8
Carbon Dioxide:	242			Manganese:	0.000
Comments:				Conductivity (micro-ohms/cm):	176042
				Resistivity (ohm meter):	.0568
		pH at time of sampling:	6.9		
		pH at time of analysis:			
		pH used in Calculation:	6.9		
		Temperature @ lab conditions (F):	75		

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Calcite CaCO ₃		Gypsum CaSO ₄ *2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	0.43	9.88	0.10	359.72	0.11	305.55	0.18	14.96	0.00	0.00
100	0.49	12.27	0.03	111.03	0.10	296.88	0.16	13.17	0.00	0.00
120	0.55	14.96	-0.03	0.00	0.13	355.53	0.14	11.97	0.00	0.00
140	0.60	17.96	-0.08	0.00	0.17	467.16	0.13	11.67	0.00	0.00
160	0.64	20.95	-0.12	0.00	0.23	615.30	0.14	11.67	0.00	0.00
180	0.69	24.54	-0.15	0.00	0.31	784.69	0.14	12.27	0.00	0.00
200	0.75	28.13	-0.18	0.00	0.40	962.15	0.15	12.87	0.00	0.00
220	0.80	31.72	-0.20	0.00	0.51	1137.23	0.17	13.77	0.00	0.00

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 314938

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 314938
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
dmcclosure	ACCEPTED FOR RECORD ONLY	2/20/2024