



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

Well Completion Print

06/21/2022

Operator Name MACK ENERGY CORPORATION	Well Name MEADOW LAKE FEDERAL	Well Number 1H	US Well Number 3000564330
SHL NENE Sec 28 15S 29E	County CHAVES	State NM	Lease Number(s) NMNM065397, NMNM0390241, NMNM0390241
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 10400036961

Section 1 - General

Well Completion Report Id: 84651**Submission Date:** N/A until DB**BLM Office:** Roswell Field Office**User:** DEANA WEAVER**Title:** Production Clerk**Federal/Indian:** FEDERAL**Lease Number:** NMNM065397**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:** 04-13-2022**Date Total Measured Depth Reached:** 04-24-2022**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
TOP OF SALT	SALT		3825	250	250	NONE	

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
BASE OF SALT	SALT		2985	840	840	NONE	
YATES	ANHYDRITE, SILTSTONE		2855	970	970	NATURAL GAS, OIL	
SEVEN RIVERS	ANHYDRITE, SILTSTONE		2600	1225	1225	NATURAL GAS, OIL	
QUEEN	ANHYDRITE, SILTSTONE		2135	1690	1690	NATURAL GAS, OIL	
GRAYBURG	ANHYDRITE, DOLOMITE, SILTSTONE		1715	2110	2110	NATURAL GAS, OIL	
SAN ANDRES	ANHYDRITE, DOLOMITE		1405	2420	2420	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	X1	1	NMNM0390241	NMNM0390241	NEW		POW	06-01-2022	06-16-2022	SAN ANDRES	3728	8820	Y	.41	672	OPEN

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Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	148934	5902540	Perforated 3728-8820' w/ 672 holes. Frac w. 52,863bbls 15% Acid, 11442bbls Slickwater, 84,629bbls 20# Crosslink, 444,020# 100 Mesh, 862,010# 30/50 Brown, 3,700,950# 20/40 White, 895,560# 20/40 Resin

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1	36.9	0.6	ELECTRIC PUMPING UNIT		SOLD	

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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	X1	1	06/17/2022	24	47	38	967	808				

Well Location

Survey Type: RECTANGULAR

Survey Number: 6700

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.992515	-104.0279802	3825	FEDERAL	NMNM065397			565	FNL	990	FEL	15S	29E	28	NENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9924946	-104.0280112	1550	FEDERAL	NMNM065397			573	FNL	1000	FEL	15S	29E	28	NENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9943674	-104.0279202	1435	FEDERAL	NMNM0390241			109	FSL	972	FEL	15S	29E	21	SESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	33.0083521	-104.0281298	493	FEDERAL	NMNM0390241			107	FNL	975	FEL	15S	29E	21	NENE

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Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot	Plug Type	Plug MD (ft)	Plug TVD (ft)	Lease Number	Lease Type	Elevation (MSL)	Longitude	Latitude	County	Meridian	State	Borehole
NENE	21	29E	15S	FEL	971	FNL	7				NMNM0390241	FEDERAL	494	104.0281237	33.0086295	CHAVES	NEW MEXICO PRINCIPAL	NEW MEXICO	BHL Wellbore 00

Casing, Liner and Tubing

Casing and Liner

Amount Pulled (ft)	Other Joint	Joint	Describe Other Casing Grade	Casing Grade	Wt(lbs/ft)	Casing Size	Bottom Setting Depth (MD)	Top Setting Depth (MD)	Hole Size	Casing String Type	Wellbore Code
		ST&C		J-55	48	13.375	233	0	17.5	SURFACE	00
		ST&C		J-55	36	9.625	1202	0	12.25	INTERMEDIATE	00
		LT&C		HCP-110	26	7.0	2500	0	8.75	PRODUCTION	00

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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	PRODUCT ION	8.75	2500	8921	5.5	17	HCP-110		BUTT		

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	240	RFC+12% PF53+2% PF1+5pps PF42+.125pps PF29	250	1.61	0	Class C+1%PF1	200	1.34	0	119.4
00	INTERMEDIATE	1200	Class C + 1%PF1	410	1.34	0					97.8
00	PRODUCT ION	8872	Class C 4% PF20+4pps PF45+125pps PF29	300	1.84	0					98.3
00	PRODUCT ION	8872	PVL+1.3 (BWOW) PF44+5% PF174+.5% PF606+.1% PF153+.4pps PF44	1440	1.48	0					379.6

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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		3383		9	J-55		LT&C	

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: 06/17/2022

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

Meadow_Lake_Federal_1H_EOW_2_IN_MD_20220606091650.pdf

Meadow_Lake_Federal__1H_Lateral_Final_Surveys__20220606091703.pdf

MEADOW_LAKE_FEDERAL_COM_1H_AS_DRILLED_20220614110726.pdf

wellbore_diagram_20220617104503.pdf

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 119044

ACKNOWLEDGMENTS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 119044
	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.

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COMMENTS

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COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted, John Garcia, Petroleum Engineer	11/3/2022

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Created By	Condition	Condition Date
jagarcia	None	11/3/2022