



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

Well Completion Print

01/23/2024

Operator Name MACK ENERGY CORPORATION	Well Name RED DEER FEDERAL COM	Well Number 4H	US Well Number 3000564383
SHL SWSW Sec 23 15S 28E	County CHAVES	State NM	Lease Number(s) NMNM0132939
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Red Deer Federal Com	Well Pad Number 3H	APD ID 10400087119

Section 1 - General

Well Completion Report Id: 90111**Submission Date:** 11-09-2023**BLM Office:** Roswell Field Office**User:** DELILAH FLORES**Title:** Regulatory Technician 1**Federal/Indian:** FEDERAL**Lease Number:** NMNM0132939**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Additional Information****Keep this Well Completion Report confidential?:** YES**APD Operator:** MACK ENERGY CORPORATION

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** SAN ANDRES**Field Name:** Double L**Well Type:** OIL WELL**Spud Date:** 08-08-2023**Date Total Measured Depth Reached:** 08-17-2023**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUÁTERNARY	ALLUVIUM		3618	0	0	NONE	
YATES	ANHYDRITE, SILTSTONE		3077	541	541	NATURAL GAS, OIL	
SEVEN RIVERS	ANHYDRITE, SILTSTONE		2838	780	780	NATURAL GAS, OIL	
QUEEN	ANHYDRITE, SILTSTONE		2341	1277	1277	NATURAL GAS, OIL	
GRAYBURG	ANHYDRITE, DOLOMITE, SILTSTONE		1923	1695	1695	NATURAL GAS, OIL	
SAN ANDRES	ANHYDRITE, DOLOMITE		1611	2007	2007	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	S1	1	NMNM0132939	NMNM0132939	NEW		DRG	10-16-2023	10-26-2023	SAN ANDRES	3679	8750	Y	.42	648	OPEN

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Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	144132	5115690	Perforated 3672' - 8750' w/ 648 holes. Frac w/ 39212 bbls 15% Acid, 8387 SW, 96532 xlink, 422,050 #100 Mesh, 735,450 30/50 White, 3,608,910 20/40 White, 349,280 20/40 Super LC. RIH w/ 87 jts of 3 1/2", J-55 @ 2900' Rotor Sub 102M 1200 Stator @ 2941'

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	37.2	760	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	S1	1	10/26/2023	24	50	38	950	760				

Well Location

Survey Type: RECTANGULAR

Survey Number: 9442

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	Aliquo/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9965983	-104.1089886	3619	N/A	N/A	FEDERAL	NMNM0131578				810	FSL	670	FWL	15S	28E	23	SWSW
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9962187	-104.1079703	1873	1746	1746	FEDERAL	NMNM0131578				679	FSL	982	FWL	15S	28E	23	SWSW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.993959	-104.1057971	678	3697	2941	FEDERAL	NMNM0132939				130	FNL	1648	FWL	15S	28E	26	NENW
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9800555	-104.1058853	623	8950	2996	FEDERAL	NMNM0142019				102	FSL	1639	FWL	15S	28E	26	SESW

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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	TVD (ft)	MD (ft)	Elevation (MSL)	Longitude	Latitude	County	Meridian	State
SESW	26	28E	15S	FWL	1636	FSL	3				NMNM0142019	FEDERAL	2998	9141	621	104.1059014	32.9797838	CHAVES	NEW MEXICO PRINCIPAL	NEW MEXICO
BHL Wellbore 00																				

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	48	J-55		ST&C		
00	INTERMEDIATE	12.25	0	1199	9.625	36	J-55		LT&C		
00	PRODUCTION	8.75	0	1650	7.0	26	HCP-110		LT&C		
00	PRODUCTION	8.75	1650	2725	7.0	26	HCP-110		BUTT		

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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	2725	8840	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		RFC+12 % PF53+2% PF1+5 pps PF42 +.125pps PF29	340	1.61	0					97.5
00	INTERME DIATE		Class C 1% PF1	420	1.34	0					100.2
00	PRODUCT ION		50/50 Poz/C+10 % PF20+.5 % PF79+3p ps PF42 +.4pps PF45+.12 5 pps	400	2.82	0	50/50 Poz/C+5% PF44+2% PF20 +.2% PF13 +.2% PF65+.2% PF606 + .4pps PF45	2050	1.34	0	690.1

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
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00	3.5		2900	2941		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: DELILAH FLORES

Title: Regulatory Technician 1

Signed on: 11/09/2023

Street Address: 11344 LOVINGTON HWY

City: ARTESIA

State: NM

Zip: 88211

Phone: (575)748-1288

Email address: DELILAH@MEC.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

FINAL_5IN_MD_Red_Deer_Fed_Com_4H_20231109151956.pdf

Red_Deer_Federal_Com_4H_Final_Survey_20231109152011.pdf

Red_Deer_Federal_Com_4H___As_Drilled_20231109152025.pdf

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

ACKNOWLEDGMENTS

Action 347773

ACKNOWLEDGMENTS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 347773
	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.
<input type="checkbox"/>	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.

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CONDITIONS

Action 347773

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	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/28/2025