



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

Well Completion Print

07/10/2023

Operator Name MACK ENERGY CORPORATION	Well Name WINDSOR FEDERAL	Well Number 1H	US Well Number 3000564305
SHL SESW Sec 20 15S 29E	County CHAVES	State NM	Lease Number(s) NMNM131583
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 10400084247

Section 1 - General

Well Completion Report Id: 88568**Submission Date:** 07-07-2023**BLM Office:** Roswell Field Office**User:** DELILAH FLORES**Title:** Regulatory Technician 1**Federal/Indian:** FEDERAL**Lease Number:** NMNM131583**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:** 03-20-2023**Date Total Measured Depth Reached:** 03-29-2023**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		3767	0	0	NONE	
TOP OF SALT	SALT		3517	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		3077	690	690	NONE	
YATES	ANHYDRITE, SILTSTONE		2932	835	835	NATURAL GAS, OIL	
SEVEN RIVERS	ANHYDRITE, SILTSTONE		2697	1070	1070	NATURAL GAS, OIL	
QUEEN	ANHYDRITE, SILTSTONE		2207	1560	1560	NATURAL GAS, OIL	
GRAYBURG	ANHYDRITE, DOLOMITE, SILTSTONE		1812	1955	1955	NATURAL GAS, OIL	
SAN ANDRES	ANHYDRITE, DOLOMITE		1512	2255	2255	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	NMNM131583	NMNM131583	NEW		DRG	06-23-2023	06-28-2023	SAN ANDRES	3682	8624	Y	.42	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	S1	1	Y	FRAC	103349	5137957	4/7/2023 - 6/23/2023 Perforated 3682- 8624' w/ 624 holes. Frac w/ 1442.1 bbls 15% Acid, 8,970.5 SW, 92, 956.6 xlink, 467,040# 100 Mesh, 54,040 30/50 Brown, 617,735 30/50 White, 3,390,502 20/40 White, 72,080 20/40 Resin, 536,560 20/40 Super LC. RIH w/ 98 jts of 3 1/2" J-55 @3195'. Rotor sub 1200 @ 3200'.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
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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	36.3	517	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	S1	1	06/28/2023	24	56	29	1290	517				

Well Location

Survey Type: RECTANGULAR	Survey Number: 2808D	
Datum: NAD83	Vertical Datum: NAVD88	Reference Datum: GL

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
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	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MID (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Antiquity/Location
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9959931	-104.0537601	3767	N/A	N/A	FEDERAL	NMNM121950				660	FSL	1675	FWL	15S	29E	20	SE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9960257	-104.0537602	1380	2387	2387	FEDERAL	NMNM121950				672	FSL	1675	FWL	15S	29E	20	SE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9936128	-104.0537877	593	3570	3174	FEDERAL	NMNM121950				206	FNL	1666	FWL	15S	29E	29	NE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	CHAVES	32.9800357	-104.0539687	637	8650	3130	FEDERAL	NMNM131583				106	FSL	1679	FWL	15S	29E	29	SE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.9797638	-104.0539673	637	8732	3130	FEDERAL	NMNM131583				7	FSL	1682	FWL	15S	29E	29	SE

Casing, Liner and Tubing

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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	238	13.375	48	J-55		ST&C		
00	INTERMEDIATE	12.25	0	1203	9.625	36	J-55		LT&C		
00	PRODUCT ION	8.75	0	2275	7.0	26	HCP-110		LT&C		
00	PRODUCT ION	8.75	2275	3325	7.0	26	HCP-110		BUTT		
00	PRODUCT ION	8.75	3325	8723	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+5pps PF42+.125pps	320	1.61	0					91.8
00	INTERMEDIATE		Class C +1% PF1	220	1.34	0	C + 2% PF1 (Calcium)	200	1.72	0	113.8
00	PRODUCT ION		Class C 4% PF 20+4 pps PF45+125 pps PF29	190	1.84	0	PVL+1.3 (BWOW) PF44+5% PF174+.5% PF606+.1% PF153+.4pps PF44	1430	1.48	0	439.2
00	PRODUCT ION			0	0	0					0

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00	PRODUCTION		0	0	0	0					0

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		3195	3200		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:** 07/07/2023**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_Windsor_Federal_1H_20230707124445.pdf

Reclamation due 09-29-2023

Windsor_Federal_1H_Final_Survey_20230707124502.pdf

WINDSOR_FEDERAL_1H_AS_DRILLED_20230707124517.pdf

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/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 348296

ACKNOWLEDGMENTS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 348296
	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

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	Action Number: 348296
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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