



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

Well Completion Print

04/20/2023

Operator Name ENDURING RESOURCES LLC	Well Name RODEO UNIT	Well Number 511H	US Well Number 3004535875
SHL SESW Sec 25 23N 9W	County SAN JUAN	State NM	Lease Number(s) N0G14021893
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM136328X, NMNM136328A ID 10400027110
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name RODEO UNIT	Well Pad Number 511H 512H 513H	

Section 1 - General

Well Completion Report Id: 87654**Submission Date:** 03-17-2023**BLM Office:** Farmington Field Office**User:** KAYLA WHITE**Title:** Staff Engineer**Federal/Indian:** INDIAN**Lease Number:** N0G14021893**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:****APD Operator:** ENDURING
RESOURCES LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** MANCOS W**Field Name:** BASIN MANCOS**Well Type:** OIL WELL**Spud Date:** 08-10-2022**Date Total Measured Depth Reached:** 12-01-2022**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
NACIMIENTO	SANDSTONE, SHALE		6883	0	0	USEABLE WATER	
OJO ALAMO	SANDSTONE, SHALE		6434	356	356	USEABLE WATER	

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
KIRTLAND	COAL, SHALE		6326	441	441	COAL, NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5800	1021	1021	NATURAL GAS	
LEWIS	SHALE		5682	1146	1146	NATURAL GAS	
CHACRA	SANDSTONE, SHALE		5456	1406	1409	NATURAL GAS	
CLIFFHOUSE	SANDSTONE		4479	2431	2551	NATURAL GAS	
MENEFEE	COAL, SANDSTONE, SHALE		4422	2466	2591	NATURAL GAS	
POINT LOOKOUT	SANDSTONE, SHALE		3444	3441	3719	NATURAL GAS	
MANCOS	SHALE		3306	3591	3892	NATURAL GAS, OIL	
GALLUP	SHALE		2958	3926	4280	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	NMNM136328A	N0G14021893	NEW		POW	01-27-2023	01-27-2023	MANCOS	4205	11944	Y	.31	1176	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	S1	1	Y	FRAC	1089406	8803860	

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			FLows FROM WELL		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	02/06/2023	24	31	487	224	15709	64/64	184		804

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Well Location

Survey Type: RECTANGULAR

Survey Number: 15269

Datum: NAD83

Vertical Datum: NGVD29

Reference Datum:

	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	Acres
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.191179	-107.7448	6798	N/A	N/A	INDIAN	NMNM036949				191	FSL	1365	FWL	23N	9W	25	SE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.191179	-107.7448	2543	4497	4255	INDIAN	NMNM036949				191	FSL	1365	FWL	23N	9W	25	SE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.190013	-107.739064	2543	4497	4255	STATE	STATE				231	FNL	2229	FEL	23N	9W	36	NW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.17678	-107.72262	2147	11915	4651	INDIAN	N0G14191982				251	FSL	2616	FWL	23N	8W	31	SE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.17663	-107.722426	2147	11915	4651	FEDERAL	NMNM120377				191	FSL	2605	FEL	23N	8W	31	SW

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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	361	13.375	54.5	J-55		LT&C		
00	INTERMEDIATE	12.25	0	2760	9.625	36	J-55		BUTT		
00	PRODUCTION	8.5	0	12047	5.5	20	P-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	361	I-II	350	1.39	0					86.6
00	INTERMEDIATE	2760	III	502	2.14	0	III	137	1.38	2130	225
00	PRODUCTION	13783	I/II	448	2.39	0	Class G	1599	1.58	2683	640.7

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	2.875		5259		6	L-80		OTHER	EUE

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	NO	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: ENDURING RESOURCES LLC**Signed By:** KAYLA WHITE**Title:** Staff Engineer**Signed on:** 03/30/2023**Street Address:** 9446 CLERMONT ST**City:** THORNTON**State:** CO**Zip:** 80229**Phone:** (720)768-3575**Email address:** KWHITE@CDHCONSULT.COM**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

Enduring_Rodeo__511H_final_svys_dec0822__12095__20230315110906.pdf

Rodeo_Unit__511H_Detailed_As_Drilled_C_102_Plat___signed_KS_20230315110907.pdf

List_of_Leases_Rodeo_511H_20230330155201.pdf

RODU_511H_WBD_11072022_20230330155210.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 209482

ACKNOWLEDGMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 209482
	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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CONDITIONS

Action 209482

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

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	2/21/2024