



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

# Well Completion Print

12/07/2023

<b>Operator Name</b> OXY USA INCORPORATED	<b>Well Name</b> MESA VERDE WC UNIT	<b>Well Number</b> 20H	<b>US Well Number</b> 3001546112
<b>SHL</b> SWSW Sec 13 24S 31E	<b>County</b> EDDY	<b>State</b> NM	<b>Lease Number(s)</b> NMNM114979
<b>Well Type</b> OIL WELL	<b>Well Status</b> Drilling Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM137099A
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> MESA VERDE WC UNIT	<b>Well Pad Number</b> 18H, 19H, 20H	<b>APD ID</b> 10400037159

## Section 1 - General

**Well Completion Report Id:** 79411**Submission Date:** 08-11-2021**BLM Office:** Carlsbad Field Office**User:** JANA MENDIOLA**Title:** Regulatory Coordinator**Federal/Indian:** FEDERAL**Lease Number:** NMNM114979**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Additional Information****Keep this Well Completion Report confidential?:** NO**APD Operator:** OXY USA  
INCORPORATED

## Section 2 - Well

**Field/Pool or Exploratory:****Pool Name:** BONE SPRING**Field Name:** PURPLE SAGE**Well Type:** OIL WELL**Spud Date:** 04-07-2021**Date Total Measured Depth Reached:** 05-12-2021**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

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### Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
RUSTLER	ANHYDRITE, DOLOMITE, SHALE		3588	747	747	USEABLE WATER	
SALADO	ANHYDRITE, DOLOMITE, HALITE, SHALE		3588	1076	1076	OTHER	SALT
CASTILE	ANHYDRITE		3588	3104	3104	OTHER	SALT
LAMAR	LIMESTONE, SANDSTONE, SILTSTONE		3588	4591	4591	NATURAL GAS, OIL, OTHER	BRINE
BELL CANYON	SANDSTONE, SILTSTONE		3588	4621	4621	NATURAL GAS, OIL, OTHER	BRINE
CHERRY CANYON	SANDSTONE, SILTSTONE		3588	5522	5522	OTHER	BRINE
BRUSHY CANYON	LIMESTONE, SANDSTONE, SILTSTONE		3588	6719	6720	NATURAL GAS, OIL, OTHER	BRINE
BONE SPRING	LIMESTONE, SANDSTONE, SILTSTONE		3588	8412	8433	NATURAL GAS, OIL	
BONE SPRING 1ST	LIMESTONE, SANDSTONE, SILTSTONE		3588	9494	9531	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE, SILTSTONE		3588	10133	10185	NATURAL GAS, OIL	
BONE SPRING 3RD	LIMESTONE, SANDSTONE, SILTSTONE		3588	11415	11498	NATURAL GAS, OIL	
wolfcamp	SANDSTONE, SILTSTONE		3588	11864	12068	NATURAL GAS, OIL	

### Completion and Completed

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### 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	NMNM13 7099A	NMNM11 4979	NEW		POW	06-25- 2021	06-28- 2021	WOLFCA MP	126 87	16988	Y	.42	432	OPEN

### 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	221867	1731073	<p>Frac in 18 stages w/ 221867BBL Produced Water w/ 17310730# sand, RD Liberty Oilfield Services 06/13/21.</p> <p>PRODUCTION TEST DATA: Date First Produced- 06/28/21 Hours Tested- 24 Test Date- 07/07/21 Test Production Oil (BBLs)- 1313 Test Production Water (BBLs)- 3252 Test Production</p>

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### Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
							Gas (MCF)- 3596 Choke Size (in)- 43/128 Casing Pressure (psig)- 1029

### 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	07/06/20 21	24	1313	3596	3252	2738				1029

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### Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

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	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2104432	-103.7366098	3588	N/A	N/A	FEDERAL	NMNM114979				118	FSL	1068	FWL	24S	31E	13	SWSW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.209642	-103.7387893	-7581	11244	11169	FEDERAL	NMNM057274				174	FNL	393	FWL	24S	31E	24	NWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2123066	-103.738978	-8426	12687	12014	FEDERAL	NMNM114979				795	FSL	335	FWL	24S	31E	13	SWSW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2241202	-103.7388617	-8414	16988	12002	FEDERAL	NMNM114979				188	FNL	372	FWL	24S	31E	13	NWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2244554	-103.7388523	-8414	17110	12002	FEDERAL	NMNM114979				66	FNL	375	FWL	24S	31E	13	NWNW

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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	14.75	0	965	10.75	45.5	J-55		BUTT		
00	INTERMEDIATE	9.875	0	11271	7.625	26.4	L-80		BUTT		
00	PRODUCTION	6.75	0	17090	5.5	20	P-110		OTHER	TORQ DQX	

#### 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		Class C	890	1.35	0					214
00	INTERMEDIATE		Class H	303	1.83	0	CLASS H	1157	2.03		1864.2
00	INTERMEDIATE		CLASS H	609	2.6	0	Class H	599	1.63	6725	1864.2
00	PRODUCTION		Class H	498	1.35	10586					119.7

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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									

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:** OXY USA INCORPORATED**Signed By:** JANA MENDIOLA**Title:** Regulatory Coordinator**Signed on:** 03/01/2022**Street Address:** PO BOX 50250**City:** Midland**State:** TX**Zip:** 79710**Phone:** (432)685-5936**Email address:** Janalyn\_mendiola@oxy.com**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

MesaVerdeWCUnit20H\_FinalDirectionalSurvey\_20210810211333.pdf

MesaVerdeWCUnit20H\_AsDrilledC102\_20220301103210.pdf

MesaVerdeWCUnit20H\_GammaRay\_20220301140820.pdf

MesaVerdeWCUnit20H\_WBD\_20220301140851.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 292396

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 292396
	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.

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

General Information  
Phone: (505) 629-6116

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

CONDITIONS

Action 292396

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 292396
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	2/12/2025