



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

Well Completion Print

12/07/2023

Operator Name OXY USA INCORPORATED	Well Name ARKENSTONE 31 FEDERAL COM	Well Number 6H	US Well Number 3001546320
SHL NENE Sec 31 23S 31E	County EDDY	State NM	Lease Number(s) NMNM0546732A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name ARKENSTONE 31 FEDERAL COM	Well Pad Number 5H	APD ID 10400038438

Section 1 - General

Well Completion Report Id: 76369**Submission Date:** 06-09-2021**BLM Office:** Carlsbad Field Office**User:** JANA MENDIOLA**Title:** Regulatory Coordinator**Federal/Indian:** FEDERAL**Lease Number:** NMNM0546732A**Lease Acres:****Agreement in place?:** NO**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:** BS (ASSOC)**Field Name:** Purple Sage**Well Type:** OIL WELL**Spud Date:** 12-30-2020**Date Total Measured Depth Reached:** 02-28-2021**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		3345	382	382	USEABLE WATER	
SALADO	ANHYDRITE, DOLOMITE, HALITE, SHALE		2613	732	732	OTHER	SALT
CASTILE	ANHYDRITE		746	2599	2599	OTHER	salt
LAMAR	LIMESTONE, SANDSTONE, SILTSTONE		-731	4076	4076	NATURAL GAS, OIL, OTHER	BRINE
BELL CANYON	SANDSTONE, SILTSTONE		-757	4102	4102	NATURAL GAS, OIL, OTHER, USEABLE WATER	BRINE
CHERRY CANYON	SANDSTONE, SILTSTONE		-1664	5009	5009	NATURAL GAS, OIL, OTHER	BRINE
BRUSHY CANYON	LIMESTONE, SANDSTONE, SILTSTONE		-2940	6285	6285	NATURAL GAS, OIL, OTHER	BRINE
BONE SPRING	LIMESTONE, SANDSTONE, SILTSTONE		-4613	7958	7960	NATURAL GAS, OIL	
BONE SPRING 1ST	LIMESTONE, SANDSTONE, SILTSTONE		-5651	8996	9012	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE, SILTSTONE		-6307	9652	9681	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	NMNM0546732A	NMNM0546732A	NEW		POW	04-21-2021	04-27-2021	BONE SPRING 2ND	10345	20406	Y	.42	1428	OPEN

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	329217	2436632	<p>Frac in 42 stages w/ 314299BBL Produced Water + 14918BBL Brackish Water w/ 24366320# sand, RD Liberty Oil Field Services 04/17/21.</p> <p>PRODUCTION TEST DATA: Hours Tested- 24 Test Date- 05-02-21 Test Production Oil (BBLs)- 3523 BBL Test Production Water (BBLs)- 4646 BBL 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)- 5109 MCF Choke Size (in)- 80 Casing Pressure (psig): 816 PSI

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			GAS LIFT		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	05/01/2021	24	3523	5109	4646	1450				816

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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	32.2679022	-103.811041	3345	N/A	N/A	FEDERAL	NMNM0546732A				100	FNL	830	FEL	23S	31E	31	NENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2685266	-103.8105171	-5983	9352	9328	FEDERAL	NMNM0009C				127	FSL	668	FEL	23S	30E	30	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2671806	-103.8105413	-6726	10345	10071	FEDERAL	NMNM0546732A				362	FNL	676	FEL	23S	31E	31	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2395515	-103.810489	-6712	20406	10057	FEDERAL	NMNM082904				159	FSL	651	FEL	24S	30E	6	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2393042	-103.8104946	-6711	20496	10056	FEDERAL	NMNM082904				69	FSL	652	FEL	24S	30E	6	SESE

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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	438	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	4211	9.625	40	HCL-80		BUTT	DQX	
00	PRODUCTION	8.5	0	20476	5.5	20	P-110		OTHER	DQX/TORQD QW	

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		CI C	585	1.35	0					140.7
00	INTERMEDIATE		CLASS C	1090	1.78	0	CI C	167	1.33	0	385.1
00	PRODUCTION		CI H	2660	1.4	0	CLASS H	1199	1.9	0	1069

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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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: 04/05/2023

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

Arkenstone31FedCom6H_GammaRay_20210608214238.pdf

Arkenstone31FdCom6H_FinalDirectionalSurvey_20210608214314.pdf

Arkenstone31FdCom6H_AsDrilledC102_CorrectedPool_20230405152004.pdf

Arkenstone31FedCom6H_WBD_20230405152040.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 292364

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 292364
	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 292364

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	Action Number: 292364
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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