<u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
<u>District II</u>
811 S. First St., Artesia, NM 88210

State of New Mexico Energy, Minerals & Natural Resources Form C-104 Revised August 1, 2011

District IIIOil Conservation Division1000 Rio Brazos Rd., Aztec, NM 874101220 South St. Francis Dr.District IV1220 S. St. Francis Dr., Santa Fe, NM 87505Santa Fe, NM 87505

Submit one copy to appropriate District Office

MENDED REPORT

1220 S. St. Francis Dr., Santa Fe, NM 87505 REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT ¹ Operator name and Address ² OGRID Number: 16696 OXY USA INC. ³ Reason for Filing Code/ Effective Date -P.O. BOX 50250 MIDLAND, TX 79710 NW-04/12/2022 ⁴ API Number ⁶ Pool Code ⁵ Pool Name 30-015-46619 Cotton Draw; Bone Spring 13367 ⁷ Property Code: 326150 ⁸ Property Name: Arkenstone 31 Federal ⁹ Well Number: 4H ¹⁰ Surface Location Ul or lot no. | Section | Township Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line County 31E **EDDY 23S NORTH EAST** 130 2578 11 Bottom Hole Location FTP: 190' FNL 1881' FEL LTP: 213' FSL 2663' FEL UL or lot no. | Section | Township Lot Idn Feet from the North/South line Feet from the East/West line Range County N 6 31E SOUTH 2663 **EDDY** 13 Producing Method 12 Lse Code ¹⁴ Gas Connection 15 C-129 Permit Number ¹⁶ C-129 Effective Date ¹⁷ C-129 Expiration Date Code: Date: F 04/20/22 P III. Oil and Gas Transporters ¹⁸ Transporter ²⁰ O/G/W ¹⁹ Transporter Name **OGRID** and Address 237722 CENTURION PIPELINE L.P. O ENTERPRISE FIELD SERVICES LLC 151618 G IV. Well Completion Data ²³ TD ²⁴ PBTD ²⁵ Perforations ²¹ Spud Date ²² Ready Date ²⁶ **DHC, MC** 12/08/2021 04/12/2022 20682'M 10094'V 20643'M 10094'V 10248-20528 ²⁷ Hole Size ²⁸ Casing & Tubing Size ²⁹ Depth Set 30 Sacks Cement 17-1/2" 13-3/8" 405 485 12-1/4" 9-5/8" 4161' 1116 8-3/4" x 8-1/2" 5-1/2" 20662 4637 2-3/8" tbg 10135' na V. Well Test Data 31 Date New Oil 32 Gas Delivery Date 33 Test Date 34 Test Length 35 Tbg. Pressure ³⁶ Csg. Pressure 04/20/22 04/20/22 04/20/22 24 hrs 709 ³⁷ Choke Size ³⁸ Oil 39 Water ⁴⁰ Gas 41 Test Method 4968 84/128 2479 3757 ⁴² I hereby certify that the rules of the Oil Conservation Division have OIL CONSERVATION DIVISION been complied with and that the information given above is true and complete to the best of my knowledge and belief. Approved by: PATRICIA MARTINEZ Signature: Printed name: Title: **PETROLEUM SPECIALIST** JANA MENDIOLA Title: Approval Date: 7/13/2022 SR. REGULATORY ANALYST E-mail Address: Janalyn_mendiola@oxy.com Date: Phone:

432-685-5936

07/11/2022



Sundry Print Report

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

Well Name: ARKENSTONE 31 Well Location: T23S / R31E / SEC 31 / County or Parish/State: EDDY /

FEDERAL NWNE / 32.2678218 / -103.8166962

Well Number: 4H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM0546732A Unit or CA Name: Unit or CA Number:

US Well Number: 3001546619 Well Status: Producing Oil Well Operator: OXY USA

INCORPORATED

Subsequent Report

Sundry ID: 2674508

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 06/01/2022 Time Sundry Submitted: 03:32

Date Operation Actually Began: 03/09/2022

Actual Procedure: RUPU 03/09/22, RIH & clean out to PBTD @ 20643', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 20528-10248' Total 1462 holes. Frac in 43 stages w/ 179587BBL Produced Water + 179587BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 24889018# sand, RD Liberty Oil Field Services 04/04/22. Well ready to produce 04/12/22. 05/16/22 RIH with 2-3/8" L80 tbg & gas lift set @ 10135', RD 05/22/22. Formation Tops for this completion are as follows: Rustler 358'M 358'V Salado 718'M 718'V Castile 2121'M 2121'V Lamar/Delaware 4000'M 4000'V Bell Canyon 4049'M 4049'V Cherry Canyon 5000'M 5000'V Brushy Canyon 6280'M 6261'V Bone Spring 7987'M 7944'V Ist Bone Springs 9025'M 8965'V 2nd Bone Springs 9249'M 9182'V 3rd Bone Springs 9748'M 9670'V

eived by OCD: 7/11/2022 8:56:04 PM Well Name: ARKENSTONE 31

FEDERAL

Well Location: T23S / R31E / SEC 31 / NWNE / 32.2678218 / -103.8166962

County or Parish/State: Page 3 of

Well Number: 4H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0546732A

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546619

Well Status: Producing Oil Well

Operator: OXY USA **INCORPORATED**

Operator

I certify that the foregoing is true and correct. 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 to 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 Sundry Notices through this system satisfies regulations requiring a

Signed on: JUN 01, 2022 03:32 PM **Operator Electronic Signature: JANA MENDIOLA**

Name: OXY USA INCORPORATED

Title: Regulatory Coordinator

Street Address: PO BOX 50250

City: Midland State: TX

Phone: (432) 685-5936

Email address: Janalyn_mendiola@oxy.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Page 2 of 2



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

Well Completion Print

Operator Name OXY USA

INCORPORATED

31E

Well Name ARKENSTONE

Well Number 4H

US Well Number 3001546619

SHL NWNE Sec 31 23S

County EDDY

31 FEDERAL

State NM

Lease Number(s) NMNM0546732A,

NMNM0546732A

Well Type OIL WELL

Well Status Drilling Well

Agreement Name

Agreement Number(s)

Allottee/Tribe Name

Well Pad Name

Well Pad Number 3H

ID 10400038590

Title: Regulatory Coordinator

Lease Acres:

ARKENSTONE 31

FEDERAL

Section 1 - General

Well Completion Report Id: 84602 Submission Date: N/A until DB

BLM Office: Carlsbad Field Office **User: JANA MENDIOLA**

Lease Number: NMNM0546732A

Agreement in place?: NO

Federal/Indian: FEDERAL

Federal or Indian Agreement:

Agreement Number: Agreement Name:

Keep this Well Completion Report confidential?: NO

APD Operator: OXY USA

INCORPORATED

Section 2 - Well

Field/Pool or Exploratory: Pool Name: COTTON DRAW; BONE Field Name: WILDCAT

Well Type: OIL WELL

Spud Date: 12-08-2021

Date Total Measured Depth Reached: 02-18-2022

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
RUSTLER	ANHYDRITE, DOLOMITE, SHALE		3345	358	358	USEABLE WATER	
SALADO	ANHYDRITE, DOLOMITE, HALITE, SHALE		2656	718	718	OTHER	SALT

INCORPORATED

Well Name ARKENSTONE 31 FEDERAL

KENSTONE Well Number 4H

US Well Number 3001546619

SHL NWNE Sec 31 23S

31E

County EDDY State NM

Lease Number(s)

NMNM0546732A, NMNM0546732A

Well Type OIL WELL

Well Status Drilling Well

Agreement Name

Agreement Number(s)

Allottee/Tribe Name Well Pad Name

ARKENSTONE 31

FEDERAL

Well Pad Number 3H **ID** 10400038590

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
CASTILE	ANHYDRITE		739	2121	2121	OTHER	salt
LAMAR	LIMESTONE, SANDSTONE, SILTSTONE		-714	4000	4000	NATURAL GAS, OIL, OTHER	BRINE
BELL CANYON	SANDSTONE, SILTSTONE		-754	4049	4049	NATURAL GAS, OIL, OTHER, USEABLE WATER	BRINE
CHERRY CANYON	SANDSTONE, SILTSTONE		-1639	5000	5000	NATURAL GAS, OIL, OTHER	BRINE
BRUSHY CANYON	LIMESTONE, SANDSTONE, SILTSTONE		-2925	6261	6280	NATURAL GAS, OIL, OTHER	BRINE
BONE SPRING	LIMESTONE, SANDSTONE, SILTSTONE		-4609	7944	7987	NATURAL GAS, OIL	
BONE SPRING 1ST	LIMESTONE, SANDSTONE, SILTSTONE		-5643	8965	9025	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE, SILTSTONE		-6283	9182	9249	NATURAL GAS, OIL	
BONE SPRING 3RD	LIMESTONE, SANDSTONE, SILTSTONE		-6719	9670	9748	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	NMNM05 46732A	NMNM05 46732A	NEW		POW	04-12- 2022	04-20- 2022	BONE SPRING 3RD	102 48	20528	Υ	.42	146 2	OPEN

INCORPORATED

Well Name ARKENSTONE

Well Number 4H 31 FEDERAL

US Well Number 3001546619

SHL NWNE Sec 31 23S

31E

State NM **County EDDY**

Lease Number(s) NMNM0546732A,

Well Type OIL WELL

Well Status Drilling Well

Agreement Name

NMNM0546732A Agreement Number(s)

Allottee/Tribe Name

Well Pad Name

ARKENSTONE 31

FEDERAL

Well Pad Number 3H

ID 10400038590

Treatment Data

Wellbore	Completion	Interval	Interval	Treatment	Totle Fluid	Total	Treatment
Code	Code	Number	Treated?	Type	(bbls)	Proppant (lbs)	Remarks
00	51	1	Y	FRAC	359174	24889018	Frac in 43 stages w/ 179587BBL Produced Water + 179587BBL Brackish Water (> 1,000 mg/l TDS and < 10,000 mg/l TDS) w/ 24889018# sand PRODUCTIO N TEST DATA: Date First Produced-04/20/22 Hours Tested- 24 Test Date-04/20/22 Test Production Oil (BBLs)-2479 Test Production Water (BBLs)-4968 Test Production Gas (MCF)-3757 Choke Size (in)-84/128 Casing Pressure (psig)-709

INCORPORATED

Well Name ARKENSTONE 31 FEDERAL

Well Number 4H

US Well Number 3001546619

SHL NWNE Sec 31 23S

31E

County EDDY

State NM

Lease Number(s)

NMNM0546732A, NMNM0546732A

Well Type OIL WELL

Well Status Drilling Well

Agreement Name

Agreement Number(s)

Allottee/Tribe Name

Well Pad Name

ARKENSTONE 31

FEDERAL

Well Pad Number 3H

ID 10400038590

Production Data

Wellbore	Completion	Interval	API Oil	Gas Gravity	Production	Describe	Disposition of	Describe
Code	Code	Number	Gravity		Method	Production	Gas	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	04/19/20 22	24	2479	3757	4968	1515				709

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	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 MEXIC O	NEW MEXICO PRINCIPA L	EDDY	32.26782 18	- 103.8166 962	3345	FEDER AL	NMNM 05467 32A				130	FNL	257 8	FEL	235	31E	31	NWNE

INCORPORATED

Well Name ARKENSTONE

31 FEDERAL

Well Number 4H

US Well Number 3001546619

SHL NWNE Sec 31 23S

31E

County EDDY

State NM Lease Number(s)

NMNM0546732A, NMNM0546732A

Well Type OIL WELL

Well Status Drilling Well

Agreement Name

Agreement Number(s)

Allottee/Tribe Name

Well Pad Name

ARKENSTONE 31

FEDERAL

Well Pad Number 3H

ID 10400038590

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	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
00	NEW MEXIC O	NEW MEXICO PRINCIPA L	EDDY	32.26868 01	- 103.8144 397	-5965	FEDER AL	NMNM 02164 0				183	FSL	188 0	FEL	235	31E	30	SWSE
00	U	L	EDDY	32.26765 61	- 103.8144 416	-6683	FEDER AL	NMNM 05467 32A				190	FNL	188 1	FEL	235	31E	31	NWNE
EXIT Well bore 00	MEXIC	NEW MEXICO PRINCIPA L	EDDY	32.23970 08	- 103.8169 966	-6750	FEDER AL	NMNM 08290 4				213	FSL	266 3	FEL	245	31E	6	SESW
BHL Well bore 00	NEW MEXIC O	NEW MEXICO PRINCIPA L	EDDY	32.23927 75	- 103.8169 968	-6749	FEDER AL	NMNM 08290 4				59	FSL	266 3	FEL	245	31E	6	SESW

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)

Operator Name OXY USA INCORPORATED

Well Name ARKENSTONE 31 FEDERAL

Well Number 4H

US Well Number 3001546619

SHL NWNE Sec 31 23S

31E

County EDDY State NM

Lease Number(s)

NMNM0546732A, NMNM0546732A

Well Type OIL WELL

Well Status Drilling Well

Agreement Name

Well Pad Number 3H

Agreement Number(s)

Allottee/Tribe Name

Well Pad Name

ARKENSTONE 31

FEDERAL

ID 10400038590

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	405	13.375	54.5	J-55		BUTT		
00	INTERME DIATE	12.25	0	4161	9.625	40	HCL-80		BUTT	DQX	
00	PRODUCT ION	8.75	0	20662	5.5	20	P-110		OTHER	CY Wedge 461	

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	485	1.34	0					115.7
00	INTERME DIATE		CI C	965	2.06	0	CI C	151	1.37	0	390.9
00	PRODUCT ION		CI H	2753	1.34	4917	CI C	1884	1.34	0	1106.6

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	2.375		10135			L-80			

INCORPORATED

Well Name ARKENSTONE 31 FEDERAL

Well Number 4H

US Well Number 3001546619

SHL NWNE Sec 31 23S

31E

County EDDY

State NM

Lease Number(s)

NMNM0546732A, NMNM0546732A

Well Type OIL WELL

Well Status Drilling Well

Agreement Name

Agreement Number(s)

Allottee/Tribe Name

Well Pad Name

ARKENSTONE 31

FEDERAL

Well Pad Number 3H

ID 10400038590

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

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 fradulent statements or representations aas to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satifies 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: 05/31/2022

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:

State:

Zip:

Phone:

City:

Extension:

Email address:

Attachments

INCORPORATED

Well Name ARKENSTONE

31 FEDERAL

Well Number 4H

US Well Number 3001546619

SHL NWNE Sec 31 23S

31E

County EDDY

State NM

Lease Number(s) NMNM0546732A,

NMNM0546732A

Well Type OIL WELL Well Status Drilling Well **Agreement Name**

Agreement Number(s)

Allottee/Tribe Name

Well Pad Name

ARKENSTONE 31

FEDERAL

Well Pad Number 3H

ID 10400038590

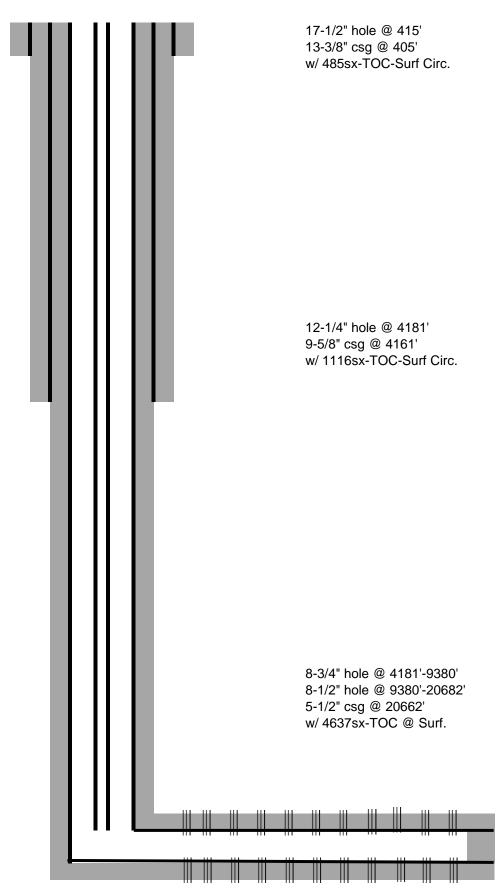
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Arkenstone31Fed4H_AsDrilledC102_20220601100943.pdf

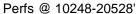
Arkenstone31Fed4H_FinalDirectionalSurveys_20220601100953.pdf

Arkenstone31Fed4H_WBD_20220601101024.pdf

OXY USA Inc. Arkenstone 31 Federal 4H API No. 30-015-46619



2-3/8" tbg & gaslift @ 10135'



TD- 20682'M 10094'V

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

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 124324

ACKNOWLEDGMENTS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	124324
	Action Type:
	[C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

V	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
V	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

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**

CONDITIONS

Action 124324

CONDITIONS

Operator:	OGRID:	
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	124324	
	Action Type:	
	[C-104] Completion Packet (C-104C)	

CONDITIONS

Cre	ated By	Condition	Condition Date
plr	martinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval.	7/13/2022