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

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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit one copy to appropriate District Office

1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

1	. REQUEST FOR ALLOWABLE AND AUTH	UKIZATIUN	IO IKANSPORI
¹ Operator name and Addr	ess	² OGRID Numb	er: 16696
OXY USA INC.	D	³ Reason for Fili	ng Code/ Effective Date -
P.O. BOX 50250 MIDLAN	D, TX 79710	NW- 04/12/2022	
⁴ API Number	⁵ Pool Name		⁶ Pool Code
30-015-46322	Cotton Draw; Bone Spring		13367
⁷ Property Code: 326150	⁸ Property Name: Arkenstone 31 Federal		⁹ Well Number: 9H

II. 10 Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Idn Feet from the North/South L		Idn Feet from the North/South Line Feet from the East/West line		East/	West line	County
C	31	23S	31E		130 NORTH		[2648	E	AST	EDDY
¹¹ Bot	tom Hole	e Location		FTP:	119' FNL 959						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	rth/South line Feet from the			West line	County
L 7	6	24S	31E		53	SOUTH		864	W	EST	EDDY
12 Lse Code	13 Produc	ing Method	¹⁴ Gas Co	onnection	¹⁵ C-129 Pern	Permit Number		¹⁶ C-129 Effective l		¹⁷ C-12	9 Expiration Date
F	C	ode:	Da	te:							-
·		P	4/10	5/22							

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
237722	CENTURION PIPELINE L.P.	0
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 12/07/2021		eady Date 12/2022	²³ TD 20830'M 10077'V	²⁴ PBTD 20797'M 10076'V	²⁵ Perforat 10395-206	•
²⁷ Hole Size			& Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"	17-1/2 "			405'		485
12-1/4"	12-1/4" 9-5		9-5/8"	4168'		1108
8-3/4" x 8-1/	8-3/4" x 8-1/2" 5		5-1/2"	20810'		3713
	2-1/1			10310'		na

V. Well Test Data

³¹ Date New Oil 4/17/22	³² Gas Delivery Date 4/16/22	³³ Test Date 4/20/22	³⁴ Test Length 24 hrs	35 Tbg. Pressure	³⁶ Csg. Pressure 784					
37 Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method					
92/128	3296	5380	5034		F					
been complied with a	at the rules of the Oil Cor and that the information a of my knowledge and be	given above is true and	OIL CONSERVATION DIVISION							
Signature:	2		Approved by: PATRICIA	MARTINEZ						
Printed name: JANA MENDIOLA			Title: PETROLEUM SPE	ECIALIST						
Title: SR. REGULATORY	ANALYST		Approval Date: 7/13/2022	2						
E-mail Address:										
Janalyn_mendiola@	oxy.com									
Date:	Phone:									
07/11/202	2 432-685-59	36								



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

Sundry Print Report

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

FEDERAL NENW / 32.2678216 / -103.816923

Well Number: 9H Type of Well: OIL WELL Allottee or Tribe Name:

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

US Well Number: 3001546322 Well Status: Producing Oil Well Operator: OXY USA

INCORPORATED

Subsequent Report

Sundry ID: 2674509

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 06/01/2022 Time Sundry Submitted: 03:34

Date Operation Actually Began: 03/10/2022

Actual Procedure: RUPU 03/10/22, RIH & clean out to PBTD @ 20797', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 20695-10395' Total 1462 holes. Frac in 43 stages w/ 176512BBL Produced Water + 169908BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 24890232# sand, RD Liberty Oil Field Services 04/04/22. Well ready to produce 04/12/22. 05/15/22 RIH with 2-1/16" L80 tbg & gas lift set @ 10310', RD 05/16/22. Formation Tops for this completion are as follows: Rustler 365'M 365'V Salado 708'M 708'V Castile 2134'M 2134'V Lamar/Delaware 4034'M 4032'V Bell Canyon 4078'M 4076'V Cherry Canyon 5010'M 4989'V Brushy Canyon 6376'M 6294'V Bone Spring 8091'M 7928'V Ist Bone Springs 9152'M 8940'V 2nd Bone Springs 9374'M 9151'V 3rd Bone Springs 9843'M 9594'V

eived by OCD: 7/11/2022 9:11:24 PM Well Name: ARKENSTONE 31

Well Location: T23S / R31E / SEC 31 / NENW / 32.2678216 / -103.816923

County or Parish/State: Page 3 of

FEDERAL

Well Number: 9H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0546732A

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546322

Well Status: Producing Oil Well

Operator: OXY USA **INCORPORATED**

Zip:

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 03:34 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

State:

Field

Representative Name:

Street Address:

City:

Phone:

Email address:

Page 2 of 2



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

Well Completion Print

07/11/2022

Operator Name OXY USA

INCORPORATED

31E

Well Name ARKENSTONE

Well Number 9H

US Well Number 3001546322

...

SHL NENW Sec 31 23S

County EDDY

31 FEDERAL

State NM

NMNM0546732A,

NMNM0546732A

Lease Number(s)

Well Type OIL WELL Well Status Drilling Well

FEDERAL

Agreement Name

Agreement Number(s)

Allottee/Tribe Name

Well Pad Name ARKENSTONE 31

Well Pad Number 3H

ID 10400038635

Section 1 - General

Well Completion Report Id: 84603 Submission Date: N/A until DB

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:

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: 12-07-2021

Date Total Measured Depth Reached: 03-02-2022

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	365	365	USEABLE WATER	
SALADO	ANHYDRITE, DOLOMITE, HALITE, SHALE		2668	708	708	OTHER	SALT

INCORPORATED

Well Name ARKENSTONE

Well Number 9H 31 FEDERAL

US Well Number 3001546322

Agreement Number(s)

SHL NENW Sec 31 23S

Well Type OIL WELL

31E

State NM **County EDDY**

Lease Number(s) NMNM0546732A, NMNM0546732A

Agreement Name Well Status Drilling Well

Allottee/Tribe Name **Well Pad Name**

ARKENSTONE 31

FEDERAL

Well Pad Number 3H

ID 10400038635

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
CASTILE	ANHYDRITE		741	2134	2134	OTHER	salt
LAMAR	LIMESTONE, SANDSTONE, SILTSTONE		-698	4032	4034	NATURAL GAS, OIL, OTHER	BRINE
BELL CANYON	SANDSTONE, SILTSTONE		-735	4076	4078	NATURAL GAS, OIL, OTHER, USEABLE WATER	BRINE
CHERRY CANYON	SANDSTONE, SILTSTONE		-1626	4989	5010	NATURAL GAS, OIL, OTHER	BRINE
BRUSHY CANYON	LIMESTONE, SANDSTONE, SILTSTONE		-2915	6294	6376	NATURAL GAS, OIL, OTHER	BRINE
BONE SPRING	LIMESTONE, SANDSTONE, SILTSTONE		-4599	7928	8091	NATURAL GAS, OIL	
BONE SPRING 1ST	LIMESTONE, SANDSTONE, SILTSTONE		-5632	8940	9152	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE, SILTSTONE		-6272	9151	9374	NATURAL GAS, OIL	
BONE SPRING 3RD LIMESTONE, SANDSTONE, SILTSTONE			-6699	9594	9843	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	S 1	1	NMNM05 46732A	NMNM05 46732A	NEW		POW	04-12- 2022	04-17- 2022	BONE SPRING 3RD	103 95	20695	Y	.42	146 2	OPEN

INCORPORATED

Well Name ARKENSTONE

31 FEDERAL

US Well Number 3001546322

SHL NENW Sec 31 23S

31E

State NM **County EDDY**

Lease Number(s) NMNM0546732A, NMNM0546732A

Well Type OIL WELL

Well Status Drilling Well

Agreement Name

Well Number 9H

Agreement Number(s)

Allottee/Tribe Name

Well Pad Name

ARKENSTONE 31

FEDERAL

Well Pad Number 3H

ID 10400038635

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	346420	24890232	Frac in 43 stages w/ 176512BBL Produced Water + 169908BBL Brackish Water (> 1,000 mg/l TDS and < 10,000 mg/l TDS and < 10,000 mg/l TDS w/ 24890232# sand PRODUCTIO N TEST DATA: Date First Produced-04/17/22 Hours Tested-24 Test Date-04/20/22 Test Production Oil (BBLs)-3296 Test Production Water (BBLs)-5380 Test Production Gas (MCF)-5034 Choke Size (in)-92/128 Casing Pressure (psig)-784

INCORPORATED

Well Name ARKENSTONE

31 FEDERAL

Well Number 9H

US Well Number 3001546322

SHL NENW 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 10400038635

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	3296	5034	5380	1527				784

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 16	- 103.8169 23	3345	FEDER AL	NMNM 05467 32A				130	FNL	264 8	FEL	235	31E	31	NENW

INCORPORATED

Well Name ARKENSTONE

31 FEDERAL

Well Number 9H

US Well Number 3001546322

SHL NENW 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 10400038635

	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	L	EDDY	32.26901 32	- 103.8218 774	-5968	FEDER AL	NMNM 02164 0				305	FSL	116 3	FWL	235	31E	30	SWSW
PPP Well bore 00	U	L	EDDY	32.26784 65	- 103.8225 388	-6630	FEDER AL	NMNM 05467 32A				119	FNL	959	FWL	235	31E	31	NWNW
00	MEAIC	L	EDDY	32.23963 28	- 103.8228 586	-6732	FEDER AL	NMNM 08290 4				188	FSL	865	FWL	245	31E	6	SWSW
BHL Well bore 00	NEW MEXIC O	NEW MEXICO PRINCIPA L	EDDY	32.23926 17	- 103.8228 603	-6732	FEDER AL	NMNM 08290 4				53	FSL	864	FWL	245	31E	6	SWSW

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String	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)

INCORPORATED

Well Name ARKENSTONE

31 FEDERAL

Well Number 9H

US Well Number 3001546322

SHL NENW 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 10400038635

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	4168	9.625	40	HCL-80		BUTT	DQX	
00	PRODUCT ION	8.75	0	20810	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	957	2	0	CI C	151	1.36	0	377.5
00	PRODUCT ION		CI H	2494	1.34	0	CI H	1219	1.89	0	1005.5

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	Other		10310			L-80			

INCORPORATED

Well Name ARKENSTONE 31 FEDERAL

NSTONE Well Number 9H

US Well Number 3001546322

SHL NENW 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 10400038635

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 T

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:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

INCORPORATED

Well Name ARKENSTONE

31 FEDERAL

Well Number 9H

US Well Number 3001546322

SHL NENW 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 10400038635

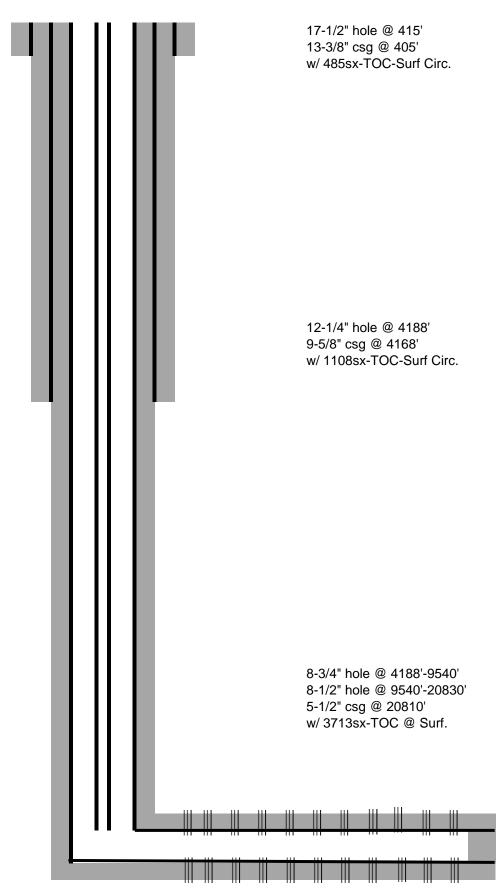
Arkenstone31Fed9H_AsDrilledC102_20220601105620.pdf

Arkenstone31Fed9H_FinalDirectionalSurveys_20220601105635.pdf

Arkenstone31Fed9H_WBD_20220601105649.pdf

Arkenstone31Federal9H_GR_20220601140304.pdf

OXY USA Inc. Arkenstone 31 Federal 9H API No. 30-015-46322



2-1/16" tbg & gaslift @ 10310'

Perfs @ 10395-20695'

TD- 20830'M 10077'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 124326

ACKNOWLEDGMENTS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	124326
	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 124326

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	124326
	Action Type:
	[C-104] Completion Packet (C-104C)

CONDITIONS

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