

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 S. First St., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number: 16696
		³ Reason for Filing Code/ Effective Date - NW- 04/12/2022
⁴ API Number 30-015-46618	⁵ Pool Name Cotton Draw; Bone Spring	⁶ Pool Code 13367
⁷ Property Code: 326150	⁸ Property Name: Arkenstone 31 Federal	⁹ Well Number: 3H

II. 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
B	31	23S	31E		130	NORTH	2613	EAST	EDDY

¹¹ Bottom Hole Location FTP: 125' FNL 2170' FWL LTP: 277' FSL 1747' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	6	24S	31E		66	SOUTH	1746	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: 04/16/22		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 12/08/2021	²² Ready Date 04/16/2022	²³ TD 20676'M 10088'V	²⁴ PBTB 20600'M 10088'V	²⁵ Perforations 10242-20465'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		406'	485
12-1/4"		9-5/8"		4143'	1108
8-3/4" x 8-1/2"		5-1/2"		20613'	4060
		2-1/16" tbg		10139'	na

V. Well Test Data

³¹ Date New Oil 04/17/22	³² Gas Delivery Date 04/16/22	³³ Test Date 04/20/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 811
³⁷ Choke Size 92/128	³⁸ Oil 3327	³⁹ Water 5919	⁴⁰ Gas 5103		⁴¹ Test Method F

⁴² 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.

Signature: 

Printed name:
JANA MENDIOLA

Title:
SR. REGULATORY ANALYST

E-mail Address:
Janalyn_mendiola@oxy.com

Date: 07/11/2022 Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title: **PETROLEUM SPECIALIST**

Approval Date: **7/13/2022**

Well Name: ARKENSTONE 31 FEDERAL	Well Location: T23S / R31E / SEC 31 / NWNE / 32.2678217 / -103.8168094	County or Parish/State: EDDY / NM
Well Number: 3H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0546732A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546618	Well Status: Producing Oil Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2674506

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 06/01/2022	Time Sundry Submitted: 03:30
Date Operation Actually Began: 03/10/2022	

Actual Procedure: RUPU 03/10/22, RIH & clean out to PBTD @ 20600', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 20465-10242' Total 1462 holes. Frac in 43 stages w/ 176078BBL Produced Water + 176078BBL Brackish Water (> 1,000 mg/l TDS and 10,000 mg/l TDS) w/ 23864158# sand, RD Liberty Oil Field Services 04/04/22. Well ready to produce 04/12/22. 05/14/22 RIH with 2-1/16" L80 tbg & gas lift set @ 10139', RD 05/15/22. Formation Tops for this completion are as follows: Rustler 371'M 371'V Salado 714'M 714'V Castile 2522'M 2522'V Lamar/Delaware 4038'M 4038'V Bell Canyon 4059'M 4059'V Cherry Canyon 5002'M 5002'V Brushy Canyon 6280'M 6277'V Bone Spring 7965'M 7928'V 1st Bone Springs 9016'M 8959'V 2nd Bone Springs 9310'M 9246'V 3rd Bone Springs 9694'M 9618'V

Well Name: ARKENSTONE 31 FEDERAL	Well Location: T23S / R31E / SEC 31 / NWNE / 32.2678217 / -103.8168094	County or Parish/State: EDDY / NM
Well Number: 3H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0546732A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546618	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

Operator Electronic Signature: JANA MENDIOLA	Signed on: JUN 01, 2022 03:30 PM
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:		



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

Well Completion Print

07/11/2022

Operator Name OXY USA INCORPORATED	Well Name ARKENSTONE 31 FEDERAL	Well Number 3H	US Well Number 3001546618
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 10400038574

Section 1 - General

Well Completion Report Id: 84598	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: 12-08-2021		
Date Total Measured Depth Reached: 02-06-2022		
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		3344	371	371	USEABLE WATER	
SALADO	ANHYDRITE, DOLOMITE, HALITE, SHALE		2659	714	714	OTHER	SALT

Operator Name OXY USA INCORPORATED	Well Name ARKENSTONE 31 FEDERAL	Well Number 3H	US Well Number 3001546618
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 10400038574

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
CASTILE	ANHYDRITE		739	2522	2522	OTHER	salt
LAMAR	LIMESTONE, SANDSTONE, SILTSTONE		-711	4038	4038	NATURAL GAS, OIL, OTHER	BRINE
BELL CANYON	SANDSTONE, SILTSTONE		-750	4059	4059	NATURAL GAS, OIL, OTHER, USEABLE WATER	BRINE
CHERRY CANYON	SANDSTONE, SILTSTONE		-1636	5002	5002	NATURAL GAS, OIL, OTHER	BRINE
BRUSHY CANYON	LIMESTONE, SANDSTONE, SILTSTONE		-2923	6277	6280	NATURAL GAS, OIL, OTHER	BRINE
BONE SPRING	LIMESTONE, SANDSTONE, SILTSTONE		-4608	7928	7965	NATURAL GAS, OIL	
BONE SPRING 1ST	LIMESTONE, SANDSTONE, SILTSTONE		-5641	8959	9016	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE, SILTSTONE		-5892	9246	9310	NATURAL GAS, OIL	
BONE SPRING 3RD	LIMESTONE, SANDSTONE, SILTSTONE		-6282	9618	9694	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	NMNM0546732A	NMNM0546732A	NEW		POW	04-12-2022	04-17-2022	BONE SPRING 3RD	10242	20465	Y	.42	1462	OPEN

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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 10400038574

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	352156	23864158	Frac in 43 stages w/ 176078BBL Produced Water + 176078BBL Brackish Water (> 1,000 mg/l TDS and < 10,000 mg/l TDS) w/ 23864158# sand PRODUCTIO N TEST DATA: Date First Produced- 04/17/22 Hours Tested- 24 Test Date- 04/20/22 Test Production Oil (BBLs)- 3327 Test Production Water (BBLs)- 5919 Test Production Gas (MCF)- 5103 Choke Size (in)- 92/128 Casing Pressure (psig)- 811

Operator Name OXY USA INCORPORATED	Well Name ARKENSTONE 31 FEDERAL	Well Number 3H	US Well Number 3001546618
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 10400038574

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	04/19/20 22	24	3327	5103	5919	1533				811

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 PRINCIPAL	EDDY	32.26782 17	- 103.8168 094	3344	FEDERAL	NMNM 05467 32A				130	FNL	261 3	FEL	23S	31E	31	NWNE

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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 10400038574

	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
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2689187	-103.8186219	-6037	FEDERAL	NMNM021640				270	FSL	2170	FWL	23S	31E	30	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2678326	-103.8186198	-6668	FEDERAL	NMNM0546732A				125	FNL	2170	FWL	23S	31E	31	NENW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2398773	-103.8200051	-6743	FEDERAL	NMNM082904				277	FSL	1747	FWL	24S	31E	6	SESW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.2392973	-103.8200079	-6744	FEDERAL	NMNM082904				66	FSL	1746	FWL	24S	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)
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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	406	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	4143	9.625	40	HCL-80		BUTT	DQX	
00	PRODUCTION	8.75	0	20613	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	INTERMEDIATE		CL C	957	2.06	0	CI C	151	1.37	0	388
00	PRODUCTION		CI H	2753	1.34	6941					657

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		10139			L-80			

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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 10400038574

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 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: 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

Operator Name OXY USA INCORPORATED	Well Name ARKENSTONE 31 FEDERAL	Well Number 3H	US Well Number 3001546618
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)
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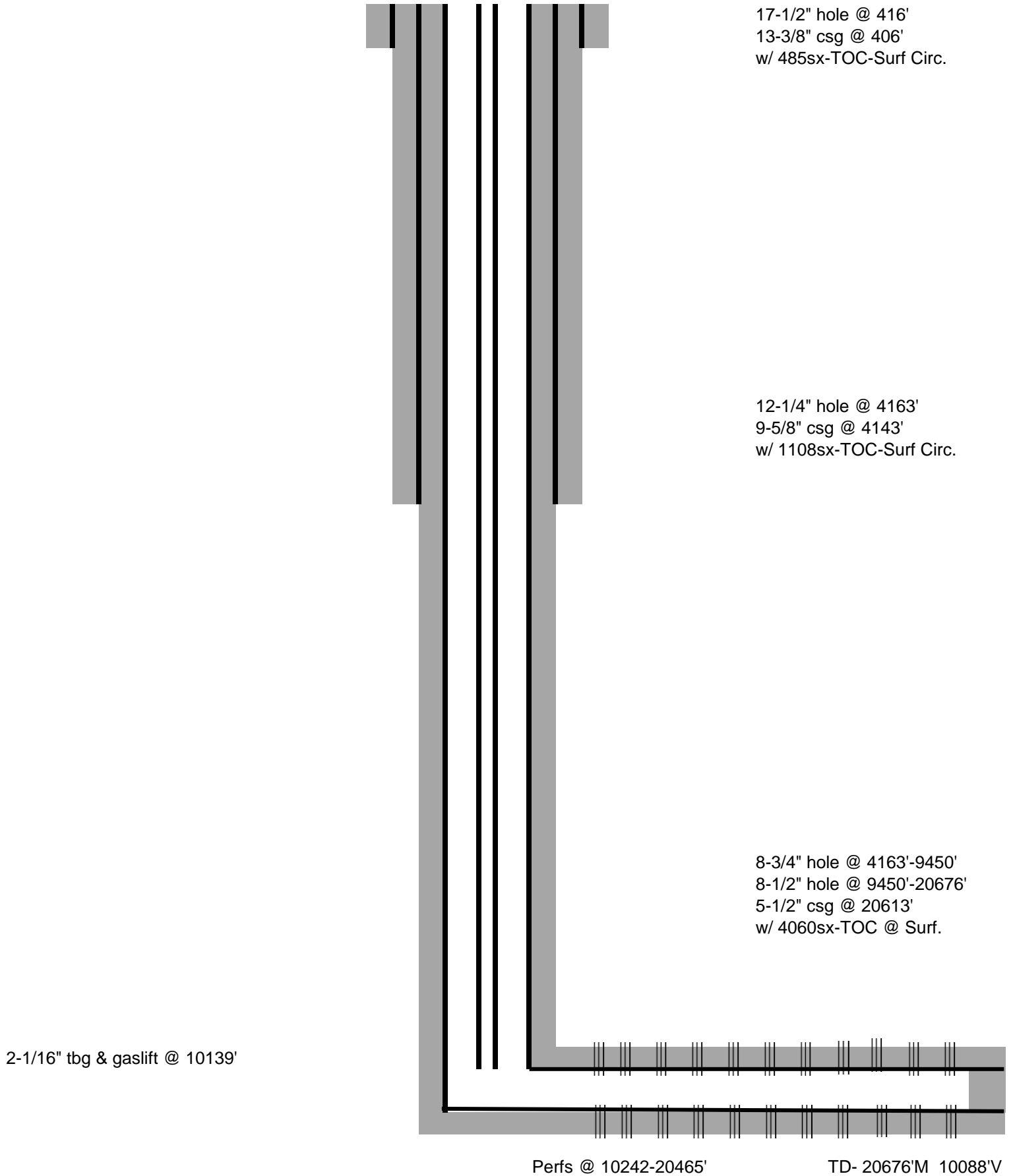
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Arkenstone31Fed3H_AsDrilledC102_20220531141433.pdf

Arkenstone31Fed3H_FinalDirectionalSurveys_20220531141446.pdf

Arkenstone31Fed3H_WBD_20220531141622.pdf

OXY USA Inc.
Arkenstone 31 Federal 3H
API No. 30-015-46618



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 124325

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 124325
	Action Type: [C-104] Completion Packet (C-104C)

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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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

CONDITIONS

Action 124325

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 124325
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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