

DATE IN 1/26/2017	SUSPENSE	NAME MAM	LOGGED IN 1/26/2017	TYPE PC	APP NO. PMAM1702434543
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

-PC-1301
 -OXY 454324C
 -Well
 -Caden Canyon 27 Feat
 30-015-43232
 Pool
 -Pierce Crossing
 Bone Spring

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

-P. & M. Crossing
 50371
 Bone Spring, East
 96473

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

TAYLOR STILLMAN
 Print or Type Name

Taylor Stillman
 Signature

PRODUCTION ENGINEER
 Title Date

TAYLOR_STILLMAN@OXY.COM
 e-mail Address

APPLICATION FOR POOL LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES & STORAGE

Commingling proposal for Cedar Canyon 28 Central Tank Battery

OXY USA INC is requesting approval for the Pool Lease Commingle, and Off-Lease Measurement, Storage & sales for wells located on the attached spreadsheet.

Oil & Gas Metering

Incoming wells will be routed to a 3phase production separator at the facility located at the Cedar Canyon 28 Federal 4 SWD well pad at 32.186, -103.992. There will also be a test separator equipped with a gas orifice meter (S/N 111324), oil turbine meter with prover loops (S/N 12043563919) and water turbine meter (S/N 1204356918).

Oxy proposes to allocate production by well test. The wells are located on two federal leases NMNM 94651 and NMNM 121952, both with 12.5% royalty.

A gas orifice meter, located downstream of the production separator and test separator gas line tie-in (S/N 14948C), will serve as the custody transfer point (Facility Measurement Point) for the purposes of royalty payment. Gas production will then be routed to Enterprise sales meter (S/N 68841), located at NE/4 NW/4 Section 15 T24S R29E at 32.222, -103.974.

Oil production will flow through Coriolis meter (S/N 14373929), located at the facility. The Coriolis meter will serve as the oil custody transfer point (FMP) for the purposes of Federal royalty payment.

Oxy has installed a closed loop recirculation system within the facility to recirculate tank bottoms. At no time will production from two different trains be routed through the heater treater at one time. For example, during typical operating conditions V1 and V1A will be open while V2, V2A, V3 and V3A are closed. If other tank bottoms need to be recirculated, then the appropriate valves will be open while all other valves will remain closed.

Water production will be routed to the Cedar Canyon Salt Water Disposal Distribution system, where it will flow to the nearest SWD which has capacity to accept water. Salt water disposals tied to the water disposal system include the Cedar Canyon 28 Federal 4 SWD, Cedar Canyon 15 SWD, Riverbend Federal 8 SWD, Harroun Federal 8 SWD, Harroun 15-3 SWD and Cedar Canyon 16-3 SWD.

Meters will be proved and calibrated according to current API, NMOCD and BLM standards.

Working, royalty and overriding royalty interest owners are identical, therefore pursuant to NMAC 19.15.12.10 (B)(2), certification by a petroleum landman is enclosed and no notice is required.

Process and Flow Description

The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well surface hole locations and laterals. The commingling of this production is the most effective means of producing the reserves and will reduce the surface facility footprint and overall emissions.

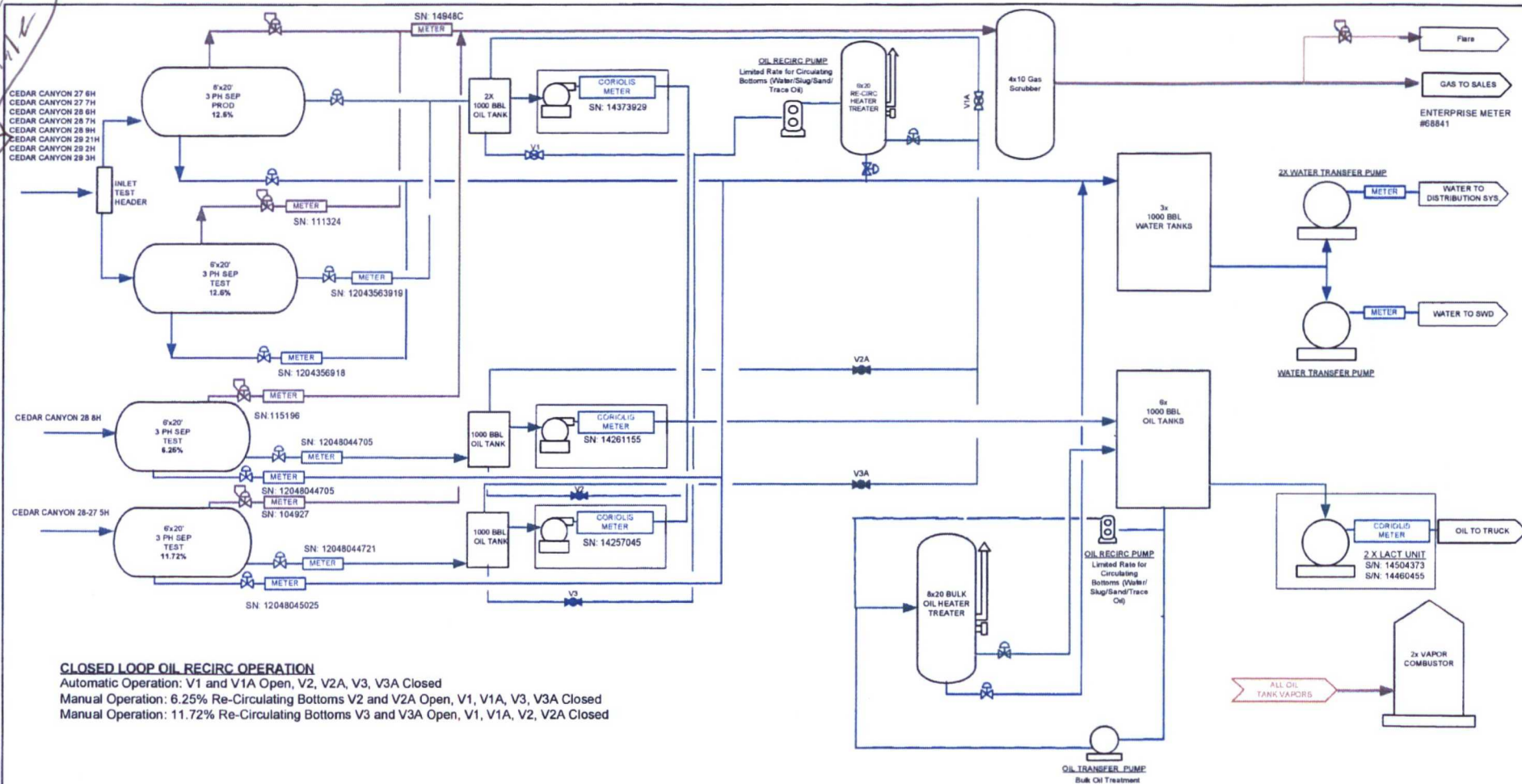
OXY USA INC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument. These applications will be submitted separately for approval per NMOCD and BLM regulations.

Cedar Canyon 28 Well List

Lease Number	CA#	Well Name	API	Surface Location	Pool	Oil (bpd)	Gravity	Gas (MSCFD)	BTU/cf	Water (bpd)
NMNM 94651	No CA	Cedar Canyon 27 Federal 6H	30-015-43232	Sec 28, T 24S, R 29E	PIERCE CROSSING; BONE SPRING, EAST	232	45.2	940	1280	238
NMNM 94651	No CA	Cedar Canyon 27 Federal 7H	30-015-43233	Sec 28, T 24S, R 29E	PIERCE CROSSING; BONE SPRING, EAST	222	45.2	1205	1280	227
NMNM 94651	No CA	Cedar Canyon 28 Federal 6H	30-015-43234	Sec 28, T 24S, R 29E	PIERCE CROSSING; BONE SPRING, EAST	308	45.2	1187	1280	345
NMNM 94651	No CA	Cedar Canyon 28 Federal 7H	30-015-43238	Sec 28, T 24S, R 29E	PIERCE CROSSING; BONE SPRING, EAST	281	45.2	1025	1280	312
NMNM 94651	No CA	Cedar Canyon 28 Fed 9H	30-015-44016	Sec 29, T 24S, R 29E	PIERCE CROSSING; BONE SPRING, EAST	631*	44.5*	1278*	1280	377*
NMNM 94651 NMNM 121952	Pending	Cedar Canyon 29 Federal Com 2H	30-015-42992	Sec 29, T 24S, R 29E	PIERCE CROSSING;BONE SPRING	631*	44.5*	1278*	1280	377*
NMNM 94651	No CA	Cedar Canyon 29 Federal 3H	30-015-42993	Sec 29, T 24S, R 29E	PIERCE CROSSING;BONE SPRING	631*	44.5*	1278*	1280	377*
NMNM 94651	No CA	Cedar Canyon 29 Federal 21H	30-015-43601	Sec 29, T 24S, R 29E	PIERCE CROSSING;BONE SPRING	631*	44.5*	1278*	1280	377*

* Represents average daily rates for the first 12 months of production

**wells in
surround
communit*




CLOSED LOOP OIL RECIRC OPERATION

Automatic Operation: V1 and V1A Open, V2, V2A, V3, V3A Closed

Manual Operation: 6.25% Re-Circulating Bottoms V2 and V2A Open, V1, V1A, V3, V3A Closed

Manual Operation: 11.72% Re-Circulating Bottoms V3 and V3A Open, V1, V1A, V2, V2A Closed

LEGEND			REVISION BLOCK				ENGINEERING RECORD		 PROCESS FLOW DIAGRAM CEDAR CANYON 28-4 CTB S28 T24S R29E
—	PRODUCTION MIX	NO.	DATE	DESCRIPTION	BY	CHK	APP	DATE	
—	OIL	0		DRAFT FOR USE	KAO			9/27/16	
—	GAS	1		DRAFT FOR USE	ANP			1/03/17	
—	WATER							CHK:	
—	EQUIPMENT							APP:	
								AFE:	

**Township 24 South, Range 29 East
Eddy County, New Mexico**

20

21

22

**T24S
R29E**

Fee Acreage

CA# Pending

**Federal Lease
NMNM 121952**

Cedar Canyon 28 Fed #9H

**Federal Lease
NMNM 94651**

29

28

27

Cedar Canyon 29 Fed #2H

Cedar Canyon 29 Fed #21H

Cedar Canyon 29 Fed #3H

Cedar Canyon 28 Fed #5H

Cedar Canyon 28 Fed #6H

Cedar Canyon 28 Fed #7H

Cedar Canyon 27 Fed #6H

Cedar Canyon 27 Fed #7H

 **Occidental Petroleum**
5 Greenway Plaza, Houston, TX 77046

North American Datum 1927
Last Updated: January 16, 2017
Author: A.Cordas
File: Cedar_Canyon_28_CTR_20170116

● Well
- - - Lateral
 Comm Agreement



OXY USA Inc.
Box 27570, Houston, TX 77227-7570

Jeremy D. Murphrey, CPL
Land Negotiator Sr.

Phone (713) 350-4816
Fax (713) 985-4942
Jeremy_Murphrey@oxy.com

January 17, 2017

RE: Application for surface commingle:
Cedar Canyon 28 Central Tank Battery

To Whom It May Concern:

OXY USA Inc., as Operator, will be filing applications with the New Mexico Oil Conservation Division and the Bureau of Land Management for approval of the above mentioned commingle project.

This letter serves as notice that the operator and interest owners are identical for the wells listed below:

Cedar Canyon 27 Fed #6H (API: 30-015-43232)
Cedar Canyon 27 Fed #7H (API: 30-015-43233)
Cedar Canyon 28 Fed #6H (API: 30-015-43234)
Cedar Canyon 28 Fed #7H (API: 30-015-34912)
Cedar Canyon 28 Fed #9H (API: 30-015-44016)
Cedar Canyon 29 Fed Com #21H (API: 30-015-43601)
Cedar Canyon 29 Federal #3H (API: 30-015-42993)
Cedar Canyon 29 Fed Com #2H (API: 30-015-42992)

Best Regards

OXY USA Inc.

A handwritten signature in black ink, appearing to read "J. Murphrey", is placed above the typed name.

Jeremy Murphrey, CPL
Land Negotiator Sr.

Cedar Canyon 28 CTB Production Data

Cedar Canyon 27 Federal 6H (API 30-015-43232)

Month	Oil (bbls)	Gas (mcf)	Water (bbls)
May	15603	39896	14913
Jun	12048	60042	13219
Jul	8742	29973	2660
Aug	10428	33463	10096
Sep	8759	42827	10453
Oct	7449	37990	8309
Avg Daily Prod	346	1339	327

Cedar Canyon 27 Federal 7H (API 30-015-43233)

Month	Oil (bbls)	Gas (mcf)	Water (bbls)
May	20649	45416	16928
Jun	15941	46703	12602
Jul	15562	49396	4472
Aug	13050	69817	5637
Sep	10465	64484	9454
Oct	10223	60240	10319
Avg Daily Prod	471	1842	326

Cedar Canyon 28 Federal 6H (API 30-015-43234)

Month	Oil (bbls)	Gas (mcf)	Water (bbls)
May	17895	33250	14935
Jun	16559	67641	18777
Jul	11755	47796	4507
Aug	13368	50519	10543
Sep	10907	56783	17591
Oct	9660	50085	15369
Avg Daily Prod	439	1678	448

Cedar Canyon 28 Federal 7H (API 30-015-43238)

Month	Oil (bbls)	Gas (mcf)	Water (bbls)
May	20101	27735	20259
Jun	16240	52497	16067
Jul	12525	44305	5730
Aug	12890	58255	8134
Sep	10838	52135	14892
Oct	9340	46295	13894
Avg Daily Prod	449	1542	433

Office:
 1625 N. French Dr., Hobbs, NM 88240
 Phone: (775) 340-4161 Fax: (775) 379-4750
 Office:
 1111 E. 17th St., Artesia, NM 88210
 Phone: (775) 748-1283 Fax: (775) 748-4750
 Office:
 1600 Las Brisas Blvd., Alamogordo, NM 88410
 Phone: (760) 334-4179 Fax: (760) 334-4179
 Office:
 1230 E. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3480 Fax: (505) 476-3482

NM OIL CONSERVATION
 ARTESIA DISTRICT
 State of New Mexico **FEB 22 2016**
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr. **RECEIVED**
 Santa Fe, NM 87505

Form C-102
 Revised August 1, 2011
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☒ **AMENDED REPORT**
 As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43232	Pool Code 9164T3	Pool Name Pierce Crossing Bone Spring, EAST
Property Code 315036	Property Name CEDAR CANYON "27" FEDERAL	Well Number 6H
OGRID No. 16694	Operator Name OXY USA INC.	Elevation 2925.0'

Surface Location

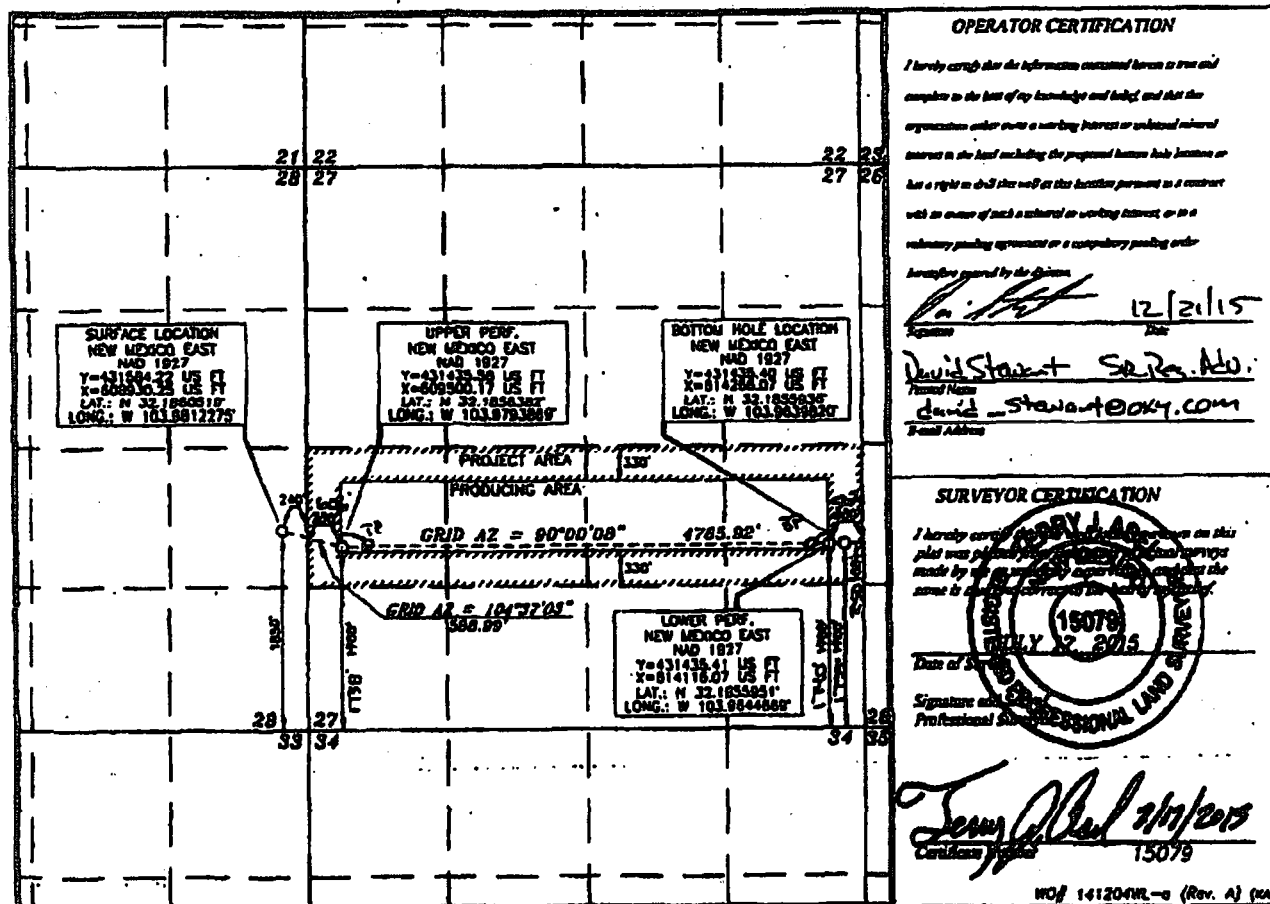
UL or lot no.	Section	Township	Range	Lot lbs	Feet from the	North/South line	Feet from the	East/West line	County
1	28	24 SOUTH	29 EAST, N.M.P.M.		1850'	SOUTH	240'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot lbs	Feet from the	North/South line	Feet from the	East/West line	County
1	27	24 SOUTH	29 EAST, N.M.P.M.		1700' 1755	SOUTH	180' 250	EAST	EDDY

Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.	Top Perf 1738 FSL 606 FWL (L) -27 Bottom Perf 1740 FSL 502 FEL (I) -27.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and
 complete to the best of my knowledge and belief, and that the
 organization under which I am working has not or will not have
 interest in the land including the proposed bottom hole location or
 has a right to drill the well on this location pursuant to a contract
 with an owner of such a mineral or working interest, or to a
 voluntary pooling agreement or a compulsory pooling order
 hereafter entered by the Division.

Signature: *David Stewart* Date: **12/21/15**
 Printed Name: **David Stewart Sr. P. Adv.**
 E-mail Address: **david_stewart@oxy.com**

SURVEYOR CERTIFICATION

I hereby certify that the information contained herein is true and
 complete to the best of my knowledge and belief, and that the
 organization under which I am working has not or will not have
 interest in the land including the proposed bottom hole location or
 has a right to drill the well on this location pursuant to a contract
 with an owner of such a mineral or working interest, or to a
 voluntary pooling agreement or a compulsory pooling order
 hereafter entered by the Division.

Date of Survey: **JULY 2, 2015**
 Signature and Seal: *James A. Reed*
 Professional Surveyor: **15079**
 Certificate Expires: **7/1/2015**

District I
 1623 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-4161 Fax: (575) 393-0720
 District II
 811 S. First St., Artesia, NM 88210
 Phone: (575) 348-1283 Fax: (575) 348-0720
 District III
 1000 Rio Grande Blvd., Alamogordo, NM 88410
 Phone: (505) 336-6179 Fax: (505) 336-6170
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3469 Fax: (505) 476-3463

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

OIL CONSERVATION
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 As drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43233	Pool Code 96473	Pool Name Pierce Crossing Bone Spring, East
Property Code 315038	Property Name CEDAR CANYON "27" FEDERAL	Well Number 7H
GRID No. 16696	Operator Name OXY USA INC.	Elevation 2924.3'

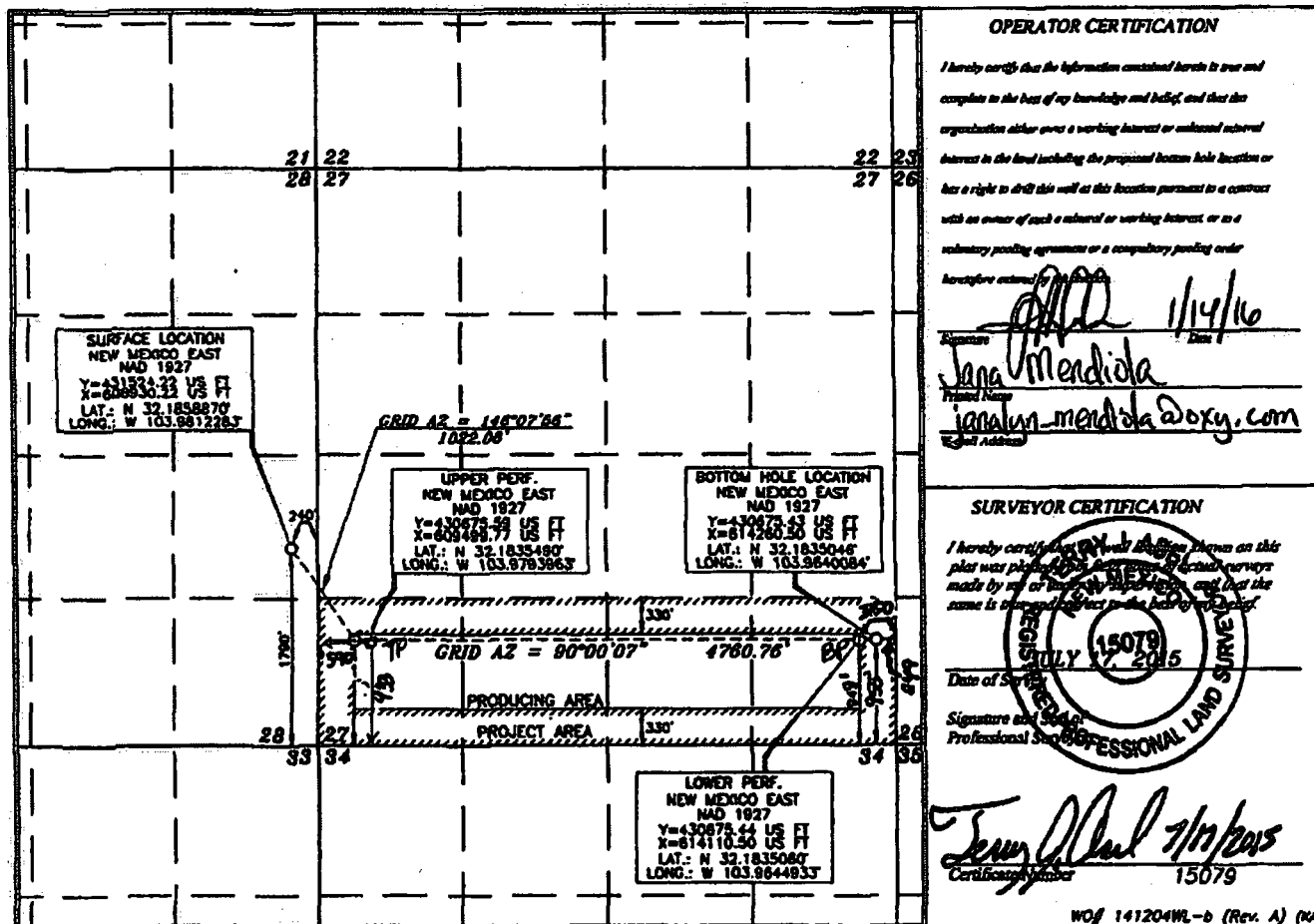
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	28	24 SOUTH	29 EAST, N.M.P.M.		1790'	SOUTH	240'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	24 SOUTH	29 EAST, N.M.P.M.		955'	SOUTH	249'	EAST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.	TD - 955 FSL 249 FEL BP - 949 FSL 350 FEL TP - 933 FSL 590 FNL					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 30 2015

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

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1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-4141 Fax: (575) 393-0720
District II
311 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Grande Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3461

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-DIS-43234	Pool Code 96473	Pool Name Pierce Crossing Bone Springs East
Property Code 304790	Property Name CEDAR CANYON "28" FEDERAL	Well Number 6H
OGRID No. 16694	Operator Name OXY USA INC.	Elevation 2924.8'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	28	24 SOUTH	29 EAST, N.M.P.M.		1820'	SOUTH	240'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	24 SOUTH	29 EAST, N.M.P.M.		1700' 1692'	SOUTH	180' 229'	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. TOP Perf - 1675 FSL 707 FEL (I) Bottom Perf - 1693 FSL 359 FWL (L)						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=431409.33 US FT X=604048.18 US FT LAT.: N 32.1856114° LONG.: W 103.9970098°</p>				<p>LOWER PERF. NEW MEXICO EAST NAD 1927 Y=431409.12 US FT X=604198.17 US FT LAT.: N 32.1856122° LONG.: W 103.9983250°</p>				<p>UPPER PERF. NEW MEXICO EAST NAD 1927 Y=431433.84 US FT X=608840.18 US FT LAT.: N 32.1856363° LONG.: W 103.9815203°</p>				<p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=431554.22 US FT X=608930.24 US FT LAT.: N 32.1856695° LONG.: W 103.9812278°</p>															
<p>PROJECT AREA PRODUCING AREA</p> <p>GRID A2 = 288°41'42" 4792.10'</p> <p>GRID A2 = 216°47'31" 150.34'</p>																											
<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>David Stewart Sr. P., A.W.</u> Date: <u>12/22/15</u></p> <p>Printed Name: <u>David Stewart Sr. P., A.W.</u></p> <p>E-mail Address: <u>david.stewart@oxy.com</u></p>																											
<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the work shown on this plat was done in accordance with the laws of the State of New Mexico and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: <u>JULY 12 2015</u></p> <p>Signature and Seal: <u>James J. Asch</u> Professional Land Surveyor</p> <p>Certificate Number: <u>15079</u></p>																											

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 03 2016

Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Director I
1620 N. French Dr., Hobbs, NM 88240
Phone: (505) 395-6161 Fax: (505) 395-6120
Director II
511 E. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
Director III
1000 N. Main Street, Santa Fe, NM 87501
Phone: (505) 334-4178 Fax: (505) 334-4170
Director IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

☒ AMENDED REPORT
(As Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43238	Pool Code 90473	Pool Name Pierce Crossing Bone Spring, East
Property Code 304790	Property Name CEDAR CANYON "28" FEDERAL	Well Number 7H
OCRD No. 16096	Operator Name OXY USA INC.	Elevation 2924.5'

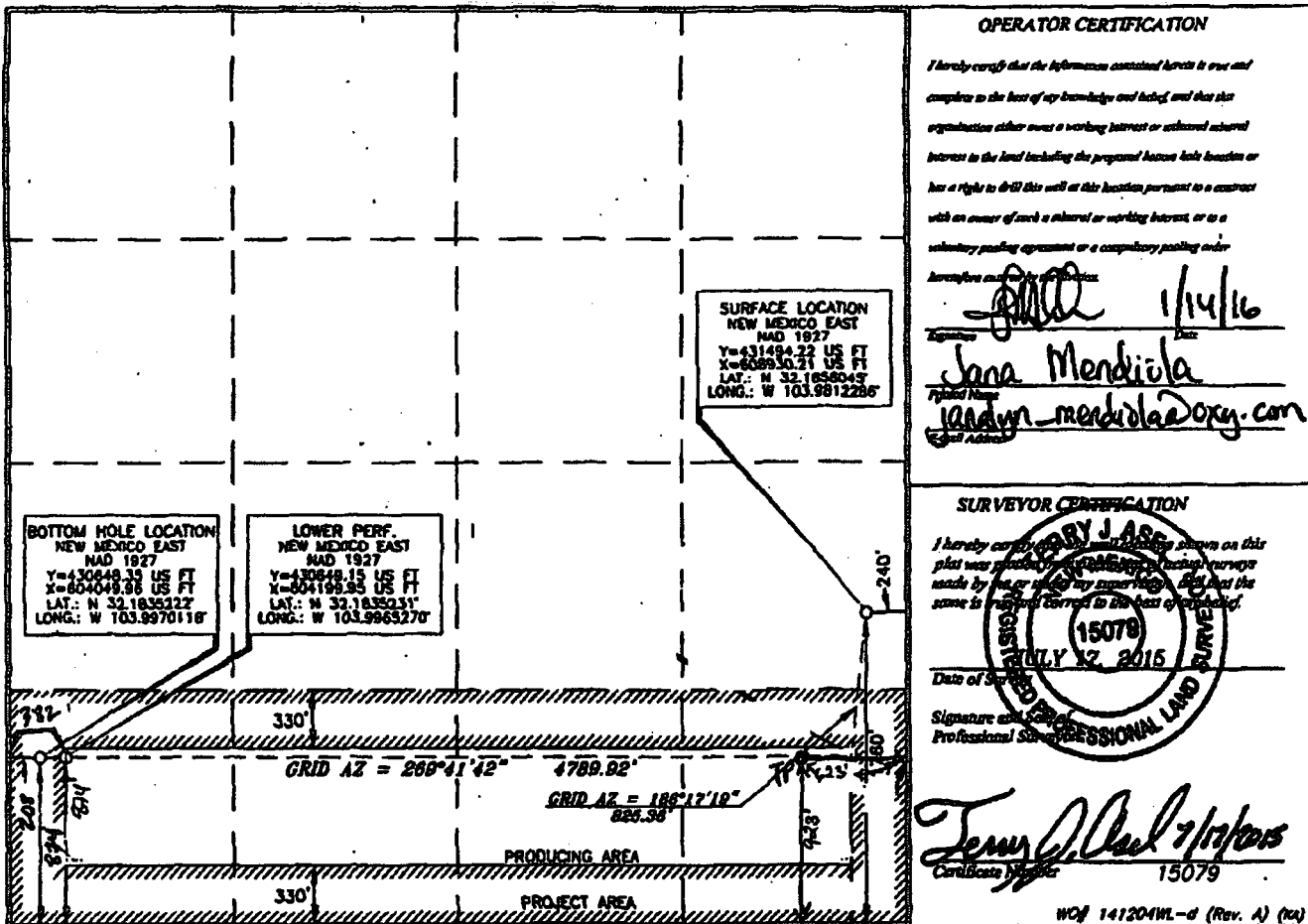
Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
1	28	24 SOUTH	29 EAST, N.M.P.M.		1760'	SOUTH	240'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
M	28	24 SOUTH	29 EAST, N.M.P.M.		848' 834'	SOUTH	100' 208'	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.	TD - 874 FSL 208 FWL OP - 874 FSL 382 FWL TP - 823 FSL 623 FEL					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or authorized mineral interest in the land including the proposed lease hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or as a voluntary pooling agreement or a compulsory pooling order.

Signature: *Jona Mendiola* Date: **1/14/16**
Printed Name: **Jona Mendiola**
E-mail Address: **jona.mendiola@oxy.com**

SURVEYOR CERTIFICATION

I hereby certify that the information shown on this plat was prepared by a professional land surveyor made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: **JULY 12, 2015**
Signature and Seal of Professional Surveyor: *Terry J. Paul* 7/12/2015
Certificate Number: **15079**

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 Bravo Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Pool Name		
Property Code		Property Name CEDAR CANYON "28" FEDERAL				Well Number 9H
OGRID No.		Operator Name OXY USA INC.				Elevation 2949.3'

Surface Location

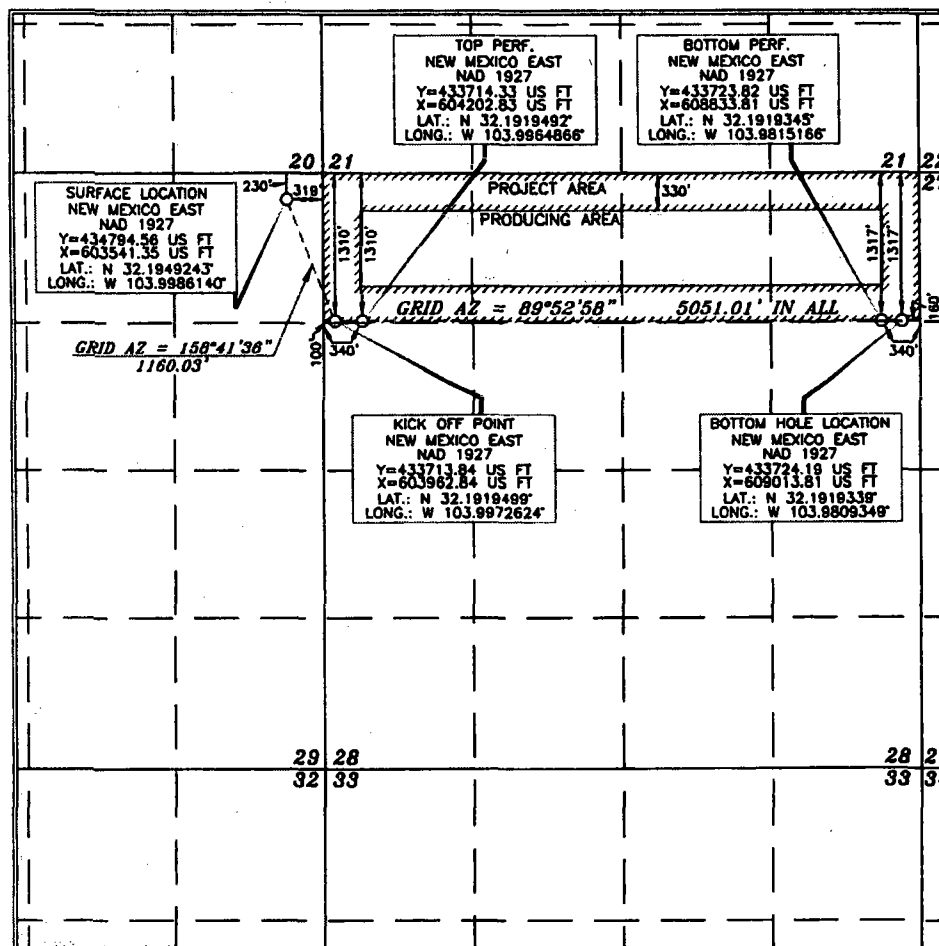
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	24 SOUTH	29 EAST, N.M.P.M.		230'	NORTH	319'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	24 SOUTH	29 EAST, N.M.P.M.		1317'	NORTH	160'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from the original or reduced surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____

Signature and Seal of Professional Surveyor _____

James J. Paul 10/29/2015
Certificate Number 15079

WO# 151027WL-1 (KA)

District I
1635 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) 748-8720
District III
1000 Rio Grande Road, Alamo, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42992	Pool Code 50371	Pool Name Pierce Crossing Bare Spring
Property Code 314329	Property Name CEDAR CANYON "29" FEDERAL Com.	Well Number 2H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2948.8'

Surface Location

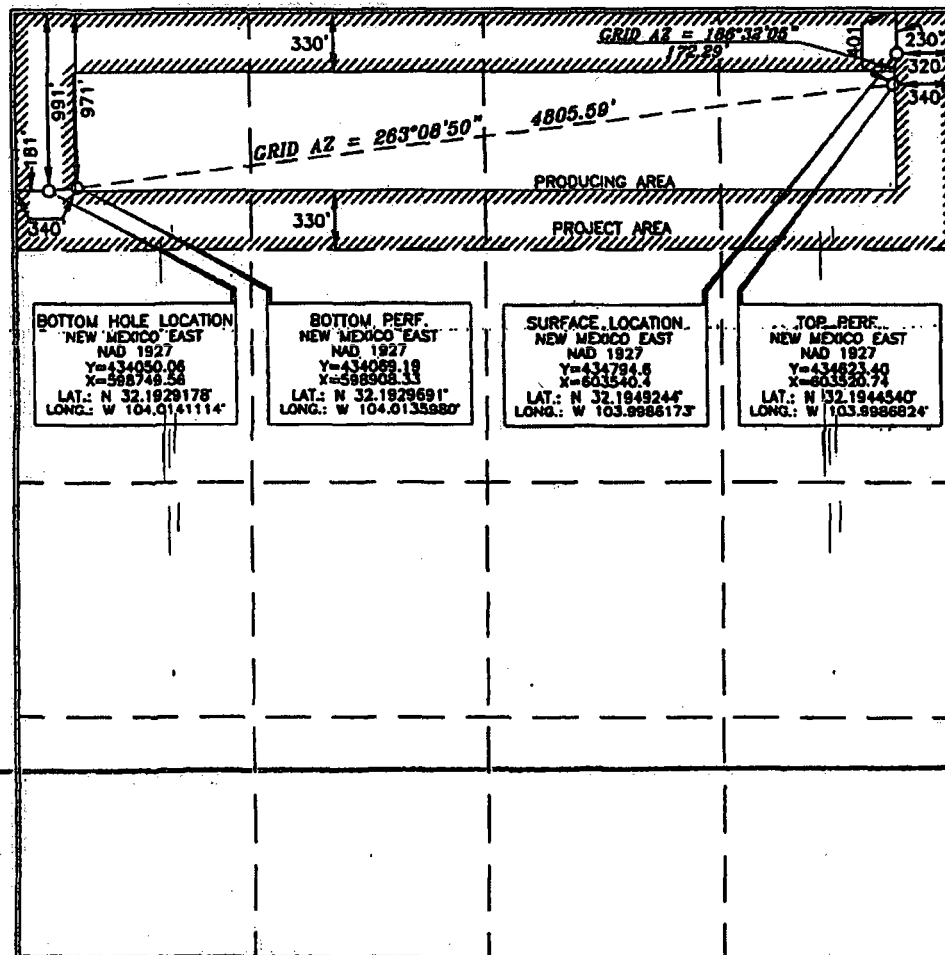
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	24 SOUTH	29 EAST, N.M.P.M.		230'	NORTH	320'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	24 SOUTH	29 EAST, N.M.P.M.		991'	NORTH	181'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160	N		

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: [Signature] Date: 6/25/14
Printed Name: David Stewart SR. Reg. A&W
E-mail Address: David_Stewart@oxy.com

SURVEYOR CERTIFICATION

I hereby certify that the information shown on this plat was obtained from reliable sources and that the same is true and correct to the best of my knowledge.

Date of Survey: DECEMBER 2, 2013
Signature and Seal: [Signature]
Professional Surveyor: [Seal]

Signature: [Signature] Date: 6/16/2014
Certificate Number: 15079

NM OIL CONSERVATION

ARTESIA DISTRICT

DEC 18 2015

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

RECEIVED Revised August 1, 2011

Submit one copy to appropriate
District Office

☒ AMENDED REPORT

Director
1220 N. Francis Dr., Santa Fe, NM 87505
Phone: (505) 259-4141 Fax: (505) 259-0220
District II
111 E. First St., Alameda, NM 88210
Phone: (505) 748-4500 Fax: (505) 748-0720
District III
1200 E. Highway Road, Aztec, NM 87410
Phone: (505) 334-4170 Fax: (505) 334-4170
District IV
1220 N. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3400 Fax: (505) 476-3400

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42993	Pool Code 50371	Pool Name Pierce Crossing Bone Springs
Property Code 314329	Property Name CEDAR CANYON "29" FEDERAL	Well Number 3H
OCRID No. 16696	Operator Name OXY USA INC.	Elevation 2948.5'

Surface Location

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
H	29	24 SOUTH	29 EAST, N.M.P.M.		1990'	NORTH	210'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
E	29	24 SOUTH	29 EAST, N.M.P.M.		2219'	NORTH	160'	WEST	EDDY

Dedicated Acres	Units or Infill	Consolidation Code	Order No.
160	N		

No allowance will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>GRID 42 = 148°11'34" 867.61'</p> <p>GRID 42 = 269°58'47" 5050.58' IN ALL</p>				<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.</p> <p><i>[Signature]</i> 11/9/15 David Stewart Sr. Ray, NM david.stewart@oxt.com</p>	
<p>PROJECT AREA</p> <p>PRODUCING AREA</p>				<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the work shown on this plat was done in accordance with the laws and regulations made by order under my supervision, and that the same is true and correct to the best of my belief.</p> <p>15079 OCTOBER 18 2015 Date of Survey <i>[Signature]</i> Professional Surveyor</p>	
<p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=328932.76 US FT LAT.: N 32.1895422 LONG.: W 104.0141730</p>	<p>BOTTOM PERF. NEW MEXICO EAST NAD 1927 Y=412892.19 US FT LAT.: N 32.1895408 LONG.: W 104.0135907</p>	<p>TOP PERF. NEW MEXICO EAST NAD 1927 Y=423932.28 US FT LAT.: N 32.1895467 LONG.: W 103.9988871</p>	<p>KICK OFF POINT NEW MEXICO EAST NAD 1927 Y=423932.28 US FT X=283982.28 US FT LAT.: N 32.1895467 LONG.: W 103.9978488</p>	<p><i>[Signature]</i> 10/21/2015 Elevation: 15079 WD/ 151018W-2 (W)</p>	

NM OIL CONSERVATION
ARTESIA DISTRICT

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

JAN 25 2016

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

RECEIVED

☐ AMENDED REPORT

Division I
1001 N. Frank Dr., Hobbs, NM 88240
Phone: (505) 749-4541 Fax: (505) 393-0730
Division II
111 S. Main St., Artesia, NM 88210
Phone: (505) 749-4323 Fax: (505) 749-4700
Division III
1001 N. Frank Dr., Hobbs, NM 88240
Phone: (505) 749-4541 Fax: (505) 393-0730
Division IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3468 Fax: (505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3005-43601	Pool Code 50371	Pool Name Pierce Crossing Bone Springs
Property Code 304791	Property Name CEDAR CANYON "29" FEDERAL	
OGUD No. 14656	Operator Name OXY USA INC.	Well Number 21H
		Elevation 2948.5'

Surface Location

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North-South line	Feet from the	East-West line	County
H	29	24 SOUTH	29 EAST, N.M.P.M.		1989'	NORTH	150'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North-South line	Feet from the	East-West line	County
E	29	24 SOUTH	29 EAST, N.M.P.M.		1336'	NORTH	160'	WEST	EDDY

Dedicated Acres Yes	Joint or Infill 160	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

				<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order.</p> <p>Signature: <i>[Signature]</i> Date: 12/15/15</p> <p>David Stewart Sr. Reg. Mgr. David.Stewart@oxy.com</p>	
<p>PRODUCING AREA</p> <p>PROJECT AREA</p>				<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order.</p> <p>Date of Survey: OCTOBER 12, 2015</p> <p>Signature and Seal of Professional Land Surveyor: <i>[Signature]</i> 15079</p> <p>WOL 15101SWL-0 (24)</p>	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMNM94651
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. CEDAR CANYON 28 FEDERAL 7H
2. Name of Operator OXY USA INC Contact: TAYLOR STILLMAN E-Mail: TAYLOR_STILLMAN@OXY.COM		9. API Well No.
3a. Address 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046	3b. Phone No. (include area code) Ph: 713-366-5945	10. Field and Pool or Exploratory Area PIERCE CROSSING; BONE SPR
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Incoming wells will be routed to a 3phase production separator at the facility located at the Cedar Canyon 28 Federal 4 SWD well pad at 32.186, -103.992. There will also be a test separator equipped with a gas orifice meter (S/N 111324), oil turbine meter with prover loops (S/N 12043563919) and water turbine meter (S/N 1204356918).

Oxy proposes to allocate production by well test. The wells are located on two federal leases NMNM 94651 and NMNM 121952, both with 12.5% royalty.

A gas orifice meter, located downstream of the production separator and test separator gas line tie-in (S/N 14948C), will serve as the custody transfer point (Facility Measurement Point) for the purposes of royalty payment. Gas production will then be routed to Enterprise sales meter (S/N 68841), located at 32.222, -103.974.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #364880 verified by the BLM Well Information System For OXY USA INC, sent to the Carlsbad	
Name (Printed/Typed) TAYLOR STILLMAN	Title PRODUCTION ENGINEER
Signature (Electronic Submission)	Date 01/25/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

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.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Cedar Canyon 28 Gas Sales & Flowline Map



Google Earth Pro

