

8/13/2014 DATE IN	SUSPENSE	MAM ENGINEER	8/13/2014 LOGGED IN	TYPE	P MAM 14 22 59 956 APP NO.
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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 _____

[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

[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.

Jennifer Duarte
 Print or Type Name
 Signature
 Regulatory Specialist
 Title
 8/12/14
 Date
 jennifer-duarte@oxy.com
 e-mail Address
 PC-1260-A

-PC
 -Oxy USA Inc
 16616
 W 115
 -Cedar Canyon 16H
 30-015-34856
 -Cedar Canyon 16State
 #2H
 30-015-41024
 RECEIVED COD
 2014 08 13 P 2 05
 -Cedar Canyon 16#
 #6H
 30-015-41595
 -Cedar Canyon 16State
 #8H
 30-015-41596
 -Cedar Canyon 16
 State #7H
 30-015-42057
 -Cedar Canyon 16
 16 State #7H
 30-015-41251



Jeremy D. Murphrey, CPL
Land Negotiator Sr.

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

Phone (713) 350-4816
Cell (832) 696-2491
Fax (713) 985-4942
Jeremy_Murphrey@oxy.com

August 28, 2014

TRANSMITTED VIA E-MAIL

Engineering and Geological Services Bureau
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attention: Michael A. McMillan

RE: New Mexico State Lease No. VA 8361
Cedar Canyon 16 #1H, #2H, #6H, #7H, #8H and #10H
Section 16, T24S, R29E
Eddy County, New Mexico.

Dear Sir:

Please note the following as it relates to the referenced lease and wells:

OXY's working in the wells is 100.00%.

The lease royalty is 12.5%.

If you have any question or require further information, please contact me.

Very truly yours,

OXY USA Inc.

A handwritten signature in black ink, appearing to read "J. Murphrey".

Jeremy Murphrey, CPL
Land Negotiator Sr.

Enclosures

APPLICATION FOR POOL COMMINGLE AND CENTRAL TANK BATTERY

Commingling proposal for Cedar Canyon wells:

Proposal for Cedar Canyon 16 #1H, Cedar Canyon 16 State #2H, Cedar Canyon 16 State #6H, Cedar Canyon 16 State #7H, Cedar Canyon 16 State #8H, Cedar Canyon 16 State #10H.

OXY USA INC is requesting approval for Pool commingling and use of central tank batter for the following wells:

State Lease VA-836

Well Name	API	Location	BOPD	OIL GRAVITY	MSCFD	BWPD
POOL: Corral Draw; Bone Spring (96238)						
Cedar Canyon 16 #1H	30-015-39856	Sec 16,T24S R29E	24	41	150	31
Cedar Canyon 16 State #2H	30-015-41024	Sec 16,T24S R29E	85	41	337	132
POOL: Pierce Crossing; Bone Spring, East (96473)						
Cedar Canyon 16 State #7H	30-015-41251	Sec 16,T24S R29E	87	41	319	137
Cedar Canyon 16 State #6H	30-015-41595	Sec 16, T24S R29E	414	40	621	455
Cedar Canyon 16 State #8H	30-015-41596	Sec 16, T24S R29E	414	40	621	455
Cedar Canyon 16 State #10H	30-015-42055	Sec 16, T24S R29E	749	40	577	622

A map is enclosed showing the State leases and well locations in Section 16, T24S R29E.

Oil & Gas metering:

Cedar Canyon 16-1 central tank battery is located in NW/4 NW/4 of Section 16, New Mexico.

Oil, gas and water volumes from each well routed to Cedar Canyon 16-1 central tank battery will be determined by using a test separator and dedicated test oil, water and gas meters located at the lease. Care will be taken that one well is always producing through the testing equipment. Production will be allocated on a daily basis based on the most recent individual well test of oil, gas and water. Well tests for each well will be conducted at least once per month for a minimum of 24 hours each well.

The oil production from the Cedar Canyon wells listed in the list above will be commingled, measured and sold on lease using a LACT Unit. Production will be allocated by well test method. Produced water will be measured through a turbine meter and disposed at the Cedar Canyon 16 #3 SWD and/or trucked if necessary from the lease. The gas will be sold after it is measured by Oxy check meter located at the lease. The oil and gas meters will be calibrated on a regular basis per API and NMOCD specifications. The NMOCD will be notified of any future changes in the facility.

Process and Flow Descriptions:

Please see attached block flow diagram for the Cedar Canyon 16-1 CTB. The flow route of produced fluids is shown in detail along with size of each vessel.

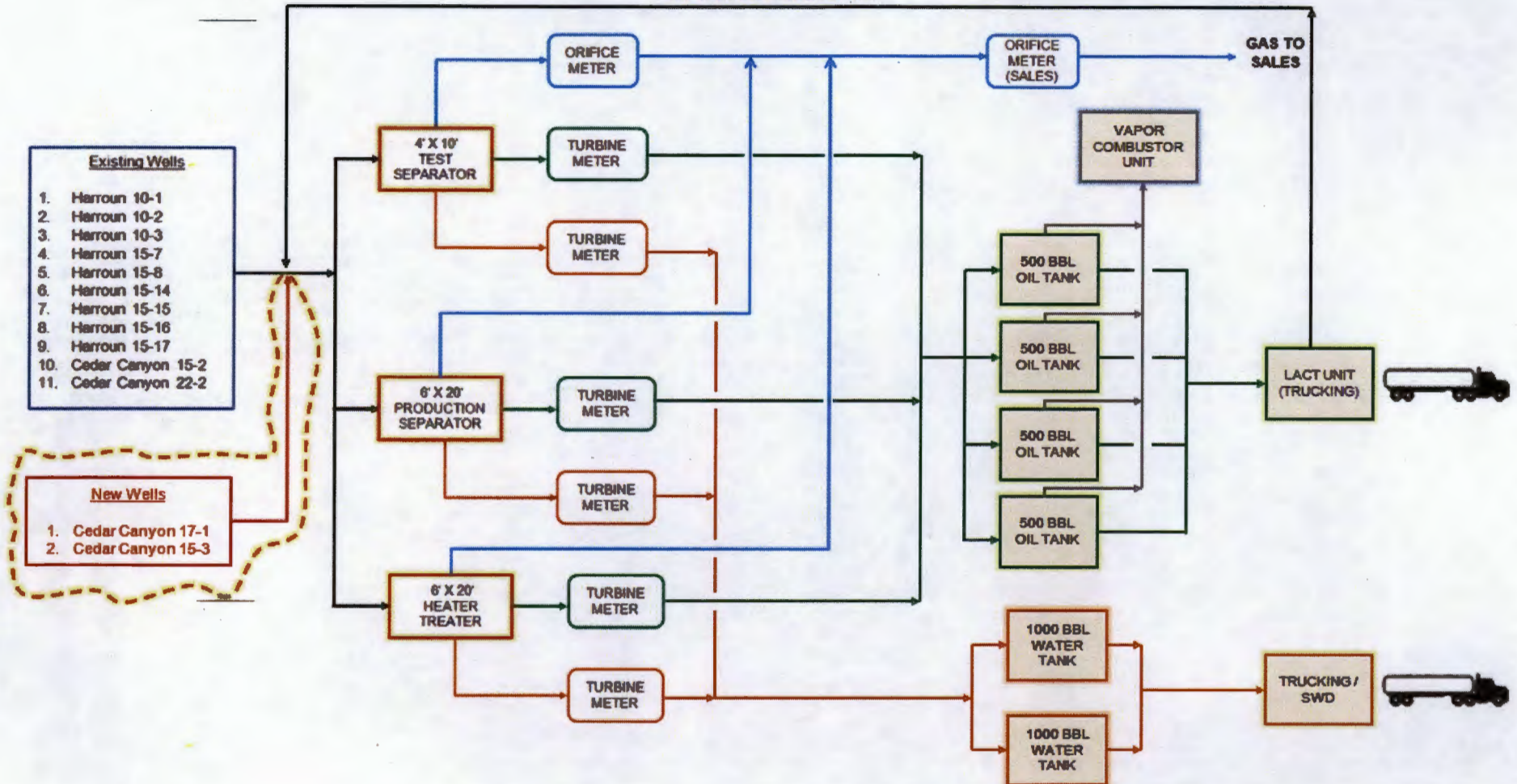
The commingling of production is in the interest of conservation and waste and will result in the most effective economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

OXY USA WTP LP 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 regulations.

Signed: _____
Printed Name: Jennifer Duarte
Title: Regulatory Specialist
Date: 08/12/2014

Pool	Lease Number	Well Name	API Gravities of Non-Commingled Production	Volumes	Calculated API Gravity of Commingled Production	Calculated Volume of Commingled Production	Oil, bpd	Gas, MSCFD	Water, bpd	API	Location	Operator
Corral Draw; Bone Spring (96238)	VA-836	Cedar Canyon 16 #1H	41	OIL= 196 BPD GAS = 806 MSCFD WATER = 300 BPD	40.1 API GRAVITY	OIL= 1,773 BPD GAS = 2,625 MSCFD WATER = 1,832 BPD	24	150	31	30-015-39856	Sec 16,T24S R29E	OXY USA INC.
Corral Draw; Bone Spring (96238)	VA-836	Cedar Canyon 16 State #2H	41				85	337	132	30-015-41024	Sec 16,T24S R29E	OXY USA INC.
Pierce Crossing; Bone Spring, East (96473)	VA-836	Cedar Canyon 16 State #7H	41				87	319	137	30-015-41251	Sec 16,T24S R29E	OXY USA INC.
Pierce Crossing; Bone Spring, East (96473)	VA-836	Cedar Canyon 16 State #6H	40	414			621	455	30-015-41595	Sec 16, T24S R29E	OXY USA INC.	
Pierce Crossing; Bone Spring, East (96473)	VA-836	Cedar Canyon 16 State #8H	40	414			621	455	30-015-41596	Sec 16, T24S R29E	OXY USA INC.	
Pierce Crossing; Bone Spring, East (96473)	VA-836	Cedar Canyon 16 State #10H	40	749			577	622	30-015-42055	Sec 16, T24S R29E	OXY USA INC.	

OFF SPEC OIL RECIRCULATION



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

Sec. 9

Harroun 9 #1

Sec. 10

Harroun 10 #3 Harroun 10 #4

Harroun 10 #2 Harroun 10 #1

Sec. 15

Harroun 15 #7 Harroun 15 #5

Harroun 15 #14 Harroun 15 #6

Harroun 15-15 CTB Harroun 15 #15

Cedar Canyon 15 Fee #4H Harroun 15 #8

Cedar Canyon 16 State #7H Harroun 15 #9

Harroun 15 #16A Harroun 15 #10

H Buck State #5 Harroun 15 #11

Harroun 15 #17 Cedar Canyon 15 Fee #1H

Harroun 15 #2 Harroun 15 #12

Cedar Canyon 15 Fee #2H Harroun 15 #13

Harroun 22 #1 Harroun 22 #2

Cedar Canyon 22 #2H Harroun 22 #3

Sec. 16

Cedar Canyon 16 State #1H

H Buck State #3

H Buck State #2

H Buck State #4H

State of New Mexico Lease No. VA-836

Harroun Fee Lease

11

17

14

20

23



CC 16-1 CTB

CEDAR CANYON 16 STATE-6H





CC 16-1 CTB

CC 16-STATE#10H (EXP) WELL

© 2014 Google





CC 16-1 CTB

CEDAR CANYON 16-2H WELL

Dog Town Rd

NEW MEXICO STATE LAND OFFICE
Commingle PRE-Application ONLINE Version

Please provide the following requested information so that the SLO staff can determine whether or not you qualify to submit a commingle application package.

Name: JENNIFER DUARTE Company: OXY USA INC
Address: PO BOX 4294 City HOUSTON
Telephone: 713-513-6640 Fax: _____ State TX Zip 77210

The State Land Office rule that applies to commingling oil and gas production from New Mexico State Trust Lands is Rule 100.53. The rule is attached to the bottom of this form. If you have any questions, please contact the Oil, Gas, and Minerals Division at 505-827-5791.

1. Briefly describe what you propose to do. APPLICATION FOR POOL COMMINGLE OF WELLS

ALL ON THE SAME LEASE WITH USE OF CENTRAL TANK BATTERY AND COMMON SALES POINT.

LOCATED AT CEDAR CANYON 16-1; SEC 16 T24S R29E

AMENDMENT TO PC-1260

2. Fill in the following information for each well. *[Attach additional pages if needed.]*

Well name & number PLEASE SEE ATTACHED NMOCD PERMIT FOR INFO Lease # _____

Lessee of Record _____

Legal land description: Subdivisions _____

Sect _____ T _____ R _____ NMPM _____ County NM

Pool _____

Well name & number _____ Lease # _____

Lessee of Record _____

Legal land description: Subdivisions _____

Sect _____ T _____ R _____ NMPM _____ County NM

Pool _____

Well name & number _____ Lease # _____

Lessee of Record _____

Legal land description: Subdivisions _____

Sect _____ T _____ R _____ NMPM _____ County NM

Pool _____

From: (713) 513-6640
 Jennifer Duarte
 Oxy Inc
 5 Greenway Plaza
 Suite 110
 Houston, TX 77046

Origin ID: HOUA



J142014061903uv

Ship Date: 12AUG14
 ActWgt: 0.2 LB
 CAD: 105144747/INET3550

Delivery Address Bar Code



SHIP TO: (505) 827-5760

BILL SENDER

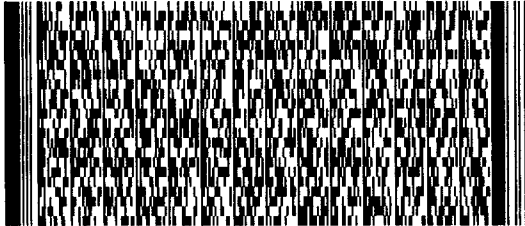
Commissioner of Public Lands
State of New Mexico
310 Old Santa Fe Trail
Attention: Pete Martinez
SANTA FE, NM 87504

Ref # J Duarte
 Invoice #
 PO #
 Dept #

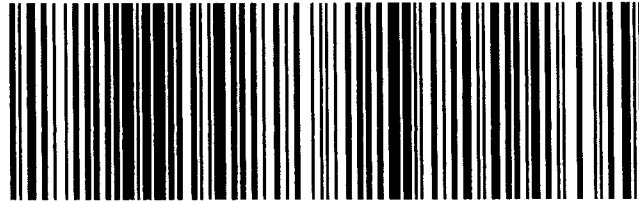
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PRIORITY OVERNIGHT

TRK# 7708 1817 1976

0201

**XX SAFA**

87504
 NM-US
 ABQ



522G1/ECF2/AC9

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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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) 748-0720

DISTRICT III
1000 Rio Pecos 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) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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AUG 27 2012

NMOCD AP

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-39856	Pool Code 96238	Pool Name Cornal Draw Bone Spring
Property Code 39045	Property Name CEDAR CANYON 16	Well Number 1H
OGRID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2927'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	24-S	29-E		380	NORTH	660	WEST	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
M	16	24-S	29-E		158-800	SOUTH	663-660	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	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

	<p>CORNER COORDINATES TABLE</p> <p>Ⓐ - Y=445636.4 N, X=603837.2 E</p> <p>Ⓑ - Y=445644.1 N, X=605160.0 E</p> <p>Ⓒ - Y=442982.3 N, X=603852.3 E</p> <p>Ⓓ - Y=440328.1 N, X=603868.4 E</p> <p>Ⓔ - Y=440335.2 N, X=605192.3 E</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>David Stewart</i> 4/4/12 Signature Date David Stewart Res. Adm. Printed Name david_stewart@oxy.com E-mail Address</p>	
	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=445260.4 N X=604499.4 E</p> <p>LAT.=32.223686° N LONG.=103.995411° W</p> <p>BOTTOM HOLE LOCATION Y=441139.4 N X=604523.6 E</p>	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MARCH 21, 2012</p> <p>Date of Survey Signature & Seal of Professional Surveyor: </p>	
			<p>Certified by: Eldson 12641 Professional Seal: Eldson 3239</p>
			<p>AP JWSC W.O.: 12.11.0614</p>

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
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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, New Mexico 87505

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

AMENDED REPORT
As Directed

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41024	Pool Code 96238	Pool Name Carnal Draw Bone Springs
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 2H
OGRID No. 16696	Operator Name OXY U.S.A. INC	Elevation 2928'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	24-S	29-E		230	SOUTH	330	EAST	EDDY

As-Drilled 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
M	16	24-S	29-E		338'	SOUTH	347.7	WEST	EDDY

Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. Top Perf - 384 FSL 579 FEL Bot Perf 344 FSL 587 FSL
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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>GEODETIC COORDINATES NAD 27 NME PBD 342.4' FSL & 525.4' FWL Y=440673.2 N X=604391.7 E LAT.=32.211077° N LONG.=103.995806° W</p>				<p>CORNER COORDINATES TABLE A) Y=441655.2 N; X=603860.6 E B) Y=441684.7 N; X=609155.0 E C) Y=440356.3 N; X=609164.0 E D) Y=440328.1 N; X=603868.4 E</p>				<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=440584.5 N X=608832.5 E LAT.=32.210794° N LONG.=103.981448° W</p>							
<p>GEODETIC COORDINATES NAD 27 NME AS-DRILLED BOTTOM HOLE LOCATION Y=440667.8 N X=604214.0 E LAT.=32.211064° N LONG.=103.996380° W</p>				<p>GEODETIC COORDINATES NAD 27 NME BOTTOM PERFORATION 344.0' FSL & 587.4' FWL Y=440675.1 N X=604453.6 E LAT.=32.211082° N LONG.=103.995605° W</p>				<p>GEODETIC COORDINATES NAD 27 NME TOP PERFORATION 384.0' FSL & 579.4' FEL Y=440737.1 N X=608582.1 E LAT.=32.211216° N LONG.=103.982256° W</p>				<p>GEODETIC COORDINATES NAD 27 NME PENETRATION POINT Y=440724.9 N X=608831.6 E LAT.=32.211180° N LONG.=103.981450° W</p>			

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

David Staxent 5/25/13
Signature Date
David Staxent Sr. Reg. Adv.
Printed Name
david_staxent@oxy.com
E-mail Address

SURVEYOR CERTIFICATION

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

JANUARY 17, 2013

Date of Survey
Signature & Seal of Professional Surveyor:
Ronald L. Eidson
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
3239
Certification Number: 3239
DSR Ref WD#13.11.066 JWSC W.O.: 13.13.0562

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DISTRICT I
1625 N. Fitch Dr., Hobbs, NM 88240
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Phone: (505) 476-3460 Fax: (505) 476-3462

NMOC D ARTESIA

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 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 30-015-41251	Pool Code 96473	Pool Name Pierce Crossing Bone Springs, East
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 7H
OCRID No. 16696	Operator Name OXY U.S.A. INC.	Elevation 2926

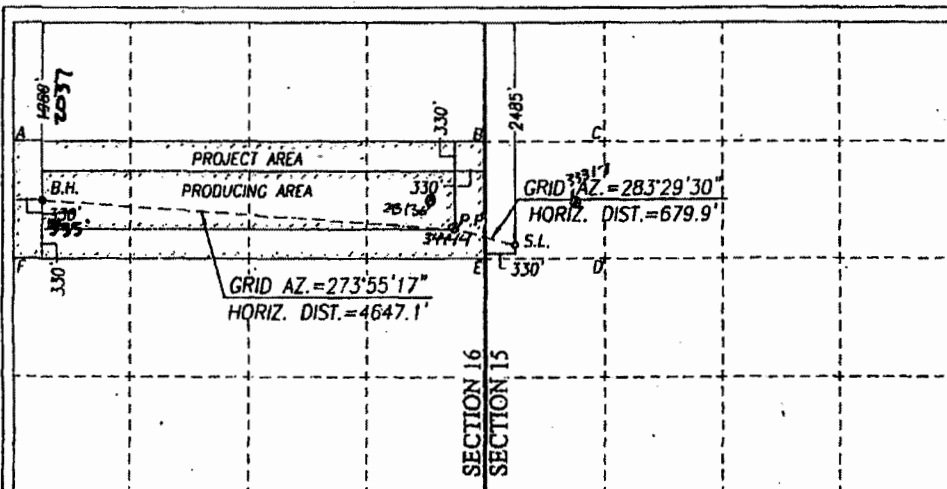
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	15	24-S	29-E		2485	NORTH	330	WEST	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
E	16	24-S	29-E		1989 2037	NORTH	330 333	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No. Top Prod Int. 388 FEL 2302 FNL H - Sec 15						

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 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] **4/5/13**
Signature Date
David Stewart **Reg. Adv.**
Printed Name
david.stewart@oxy.com
E-mail Address

SURVEYOR CERTIFICATION

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

APRIL 1, 2013

Date of Survey
Signature & Seal of Professional Surveyor:

GARY G. EIDSON
NEW MEXICO
12641
RECEIVED
APR 11 2013
Certification Number **Gary Eidson 12641**
Ronald Eidson 3239
BKL. **W.C.O. 13.11.0375**

CORNER COORDINATES TABLE

A - Y=444309.4 N, X=603845.0 E
B - Y=444340.2 N, X=609137.2 E
C - Y=444338.8 N, X=610463.2 E
D - Y=443011.9 N, X=610470.4 E
E - Y=443013.2 N, X=609146.1 E
F - Y=442982.3 N, X=603852.8 E

PENETRATION POINT
Y=443341.1 N
X=608813.9 E
LAT.=32.218372° N
LONG.=103.981479° W

GEODETIC COORDINATES NAD 27 NME

SURFACE LOCATION
Y=443182.6 N
X=609474.9 E
LAT.=32.217930° N
LONG.=103.979344° W

BOTTOM HOLE LOCATION
Y=443658.9 N
X=604178.8 E
LAT.=32.219286° N
LONG.=103.996464° W

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DISTRICT II
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DISTRICT III
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DISTRICT IV
1250 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, New Mexico 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-	Pool Code 96473	Pool Name Pierce Crossing Bone Springs E.
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 6H
GRID No 16616	Operator Name OXY U.S.A. INC.	Elevation 2927'

Surface Location

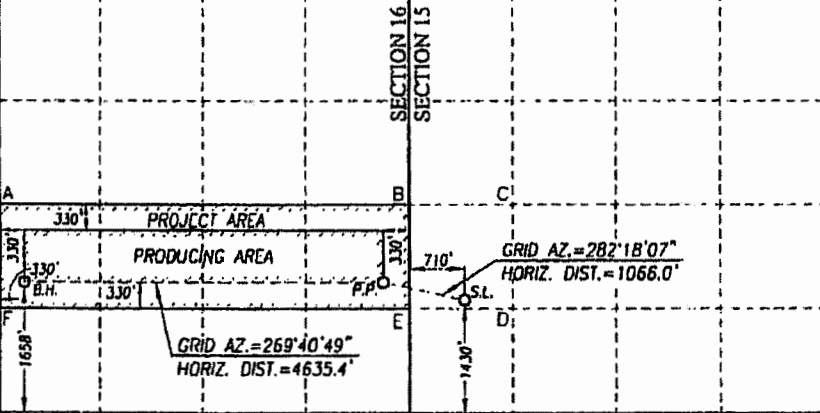
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	24-S	29-E		1430	SOUTH	710	WEST	EDDY

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	16	24-S	29-E		1658	SOUTH	330	WEST	EDDY

Dedicated Acres 160	Joint or Infill N	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 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 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> 8/6/13 Signature Date Dwight Stewart Sr. Pres. Oxy. Printed Name dewi.stewart@oxy.com E-mail Address</p>
<p>GEODETIC COORDINATES NAD 27 NMC SURFACE LOCATION Y=441785.8 N X=609864.2 E LAT.=32.214087° N LONG.=103.978100° W</p> <p>PENETRATION POINT Y=442012.8 N X=608822.9 E LAT.=32.214721° N LONG.=103.981464° W</p> <p>BOTTOM HOLE LOCATION Y=441987.5 N X=604188.6 E LAT.=32.214692° N LONG.=103.996449° W</p>		<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MARCH 28, 2013</p> <p>Date of Survey Signature <i>[Signature]</i> GARY GRIFFIN Professional Surveyor.</p> <p>12841</p> <p><i>[Signature]</i> 3/25/13 Certified by GARY GRIFFIN 12841 Professional Surveyor JWSC WD 13110331</p>

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
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DISTRICT II
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DISTRICT III
1100 Rio Arriba Road, Aztec, NM 87410
Phone (505) 334-6176 Fax (505) 334-6170

DISTRICT IV
1220 S. Al. Frances Dr., Santa Fe, NM 87502
Phone (505) 476-3460 Fax (505) 476-3462

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96473	Pool Name Pierce Crossing Bone Springs, E.
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 8H
GRID No 16694	Operator Name OXY U.S.A. INC.	Elevation 2927'

Surface Location									
UL or lot No A	Section 16	Township 24-S	Range 29-E	Lot Idn	Feet from the 1040	North/South line NORTH	Feet from the 330	East/West line EAST	County EDDY

Bottom Hole Location If Different From Surface									
UL or lot No D	Section 16	Township 24-S	Range 29-E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 330	East/West line WEST	County EDDY
Dedicated Acres 160	Joint or Infill N	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

	<p>PROJECT AREA</p> <p>PRODUCING AREA</p> <p>GRID AZ. = 273°29'38"</p> <p>HORIZ. DIST. = 4643.5'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 interest or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>[Signature]</i> Date: 8/6/13</p> <p>Printed Name: David Stewart Sr. P. Eng.</p> <p>E-mail Address: david_stewart@oxy.com</p>	
	<p>CORNER COORDINATES TABLE</p> <p>A - Y=445636.4 N, X=603837.2 E</p> <p>B - Y=445667.3 N, X=609128.3 E</p> <p>C - Y=444340.2 N, X=609137.2 E</p> <p>D - Y=444308.4 N, X=603845.0 E</p>	<p>GEODEIC COORDINATES</p> <p>NAD 27 NME</p> <p>SURFACE LOCATION</p> <p>Y=444625.6 N</p> <p>X=608805.2 E</p> <p>LAT. = 32.221903° N</p> <p>LONG. = 103.981494° W</p>	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>APRIL 1, 2013</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p>
	<p>BOTTOM HOLE LOCATION</p> <p>Y=444978.5 N</p> <p>X=604171.0 E</p> <p>LAT. = 32.222914° N</p> <p>LONG. = 103.996475° W</p>	<p>PENETRATION POINT</p> <p>Y=444695.6 N</p> <p>X=608804.8 E</p> <p>LAT. = 32.222096° N</p> <p>LONG. = 103.981494° W</p>	<p>RONALD J. EIDSON</p> <p>NEW MEXICO</p> <p>3239</p> <p>12/29/2013</p> <p>Certification Number: Gary Eidson 12641</p> <p>Yusuf Eidson 3239</p> <p>BKL RAY WSC W O 1311 0299</p>

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42055	Pool Code 96473	Pool Name Pierce Crossing Bone Spring East
Property Code 39668	Property Name CEDAR CANYON "16" STATE	Well Number 10H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2926.9'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	24 SOUTH	29 EAST, N.M.P.M.		260'	NORTH	1470'	WEST	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
N	16	24 SOUTH	29 EAST, N.M.P.M.		330'	SOUTH	1980'	WEST	EDDY
Dedicated Acres 160	Joint or Infill Yes	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.

<p>1470'</p> <p>1655'</p> <p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=445385.0 X=605309.0 LAT.: N 32.2240216° LONG.: W 103.9927913°</p> <p>GRID AZ = 110°20'45" 199.23'</p> <p>PENETRATION POINT NEW MEXICO EAST NAD 1927 Y=445316.1 X=605494.9 LAT.: N 32.2238306° LONG.: W 103.9921910°</p> <p>330'</p> <p>4661.43'</p> <p>GRID AZ = 175°34'05"</p> <p>PRODUCING AREA</p> <p>PROJECT AREA</p> <p>1980'</p> <p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=440688.7 X=605855.0 LAT.: N 32.2110519° LONG.: W 103.9910745°</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: <i>David Stewart</i> Date: 2/5/14</p> <p>Printed Name: David Stewart SR. Reg. Adu.</p> <p>E-mail Address: david.stewart@oxy.com</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 8, 2013</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Terry J. Paul</i> 12/17/2013</p> <p>Certificate Number: 15079</p> <p>WOF 131204WL-e (KA)</p>
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Cedar Canyon 16-1 CTB 6mths Production

CEDAR CANYON 16 001H			
Month	Oil	Gas	Water
Jul, 2014	465		605
Jun, 2014	709		2,139
May, 2014	805		2,307
Apr, 2014	800	3,272	2,481
Mar, 2014	783	2,785	2,703
Feb, 2014	676	3,015	1,811
Jan, 2014	837	2,393	1,654
CEDAR CANYON 16 STATE 002H			
Month	Oil	Gas	Water
Jul, 2014	2,489	7,124	3,942
Jun, 2014	2,739	7,075	13,120
May, 2014	3,502	7,950	15,482
Apr, 2014	3,738	15,861	15,542
Mar, 2014	4,965	17,936	22,245
Feb, 2014	4,907	20,236	23,626
Jan, 2014	5,616	19,786	19,824
CEDAR CANYON 16 STATE 007H			
Month	Oil	Gas	Water
Jul, 2014	2,571		3,672
Jun, 2014	3,470		15,597
May, 2014	4,125		19,011
Apr, 2014	3,320	11,141	13,690
Mar, 2014	3,774	8,863	16,942
Feb, 2014	3,363	6,715	17,863
Jan, 2014	4,220	4,842	16,992
CEDAR CANYON 16 STATE 006H			
No Production - New Well			
Month	Oil	Gas	Water
CEDAR CANYON 16 STATE 008H			
No Production - New Well			
Month	Oil	Gas	Water
CEDAR CANYON 16 STATE 010H			
No Production - New Well			
Month	Oil	Gas	Water