

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

FORM APPROVED  
004-0137  
Expires: January 31, 2018

## 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.

OCD Artesia  
Well No. See Attached

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.  
Multiple--See Attached

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

Multiple--See Attached

2. Name of Operator

OXY USA INCORPORATED

Contact: SANDRA MUSALLAM

E-Mail: SANDRA\_MUSALLAM@OXY.COM

9. API Well No.

Multiple--See Attached

3a. Address

5 GREENWAY PLAZA SUITE 110  
HOUSTON, TX 77046-0521

3b. Phone No. (include area code)

Ph: 713-366-5106

10. Field and Pool or Exploratory Area

Multiple--See Attached

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple--See Attached

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 recompleat 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 recompleat 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.

OXY USA INC requests to amend previously approved NMOCD commingle order R-14299.

Accepted for record - NMOCD

The oil production from all of the facilities and wells listed below will flow to the Cedar Canyon 21 Federal battery where it will be measured through a LACT, which will serve as the Facility Measurement Point (FMP). Production will then be allocated to each well based on well test and the amount of hours the well was operating in a given month.

Gas production from the Cedar Canyon 23-3H and Cedar Canyon 21 batteries will be separated and measured through Oxy check meters, which will serve as the FMPs, at their respective facilities, as described below.

All water from the Cedar Canyon 23-3H battery will be sent to the Cedar Canyon 21 battery before

NM OIL CONSERVATION  
ARTESTA DISTRICT

DEC 19 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #388029 verified by the BLM Well Information System

For OXY USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/25/2017 (17DW0124SE)

Name (Printed/Typed) SANDRA MUSALLAM

Title REGULATORY ENGINEER

Signature

(Electronic Submission)

Date 09/08/2017

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

J. D. Whitlock

Title

TL PET

Date

12/12/17

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

CFO

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)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## Additional data for EC transaction #388029 that would not fit on the form

### 5. Lease Serial No., continued

NMNM81586  
NMNM85893

### 7. If Unit or CA/Agreement, Name and No., continued

NMNM136578  
NMNM136823

### Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM81586	NMNM81586	CEDAR CANYON 22 FEDERAL 2180-015-43642-00-S1		Sec 22 T24S R29E NESE 2540FSL 230FEL 32.202503 N Lat, 103.964011 W Lon
NMNM81586	NMNM81586	CEDAR CANYON 23-24 FEDERAL 301-015-44179-00-X1		Sec 22 T24S R29E NENE 491FNL 177FEL 32.208883 N Lat, 103.964323 W Lon
NMNM81586	NMNM81586	CEDAR CANYON 23-24 FEDERAL 301-015-44180-00-X1		Sec 22 T24S R29E NENE 520FNL 172FEL 32.208802 N Lat, 103.964305 W Lon
NMNM81586	NMNM81586	CEDAR CANYON 23 FEDERAL COM-015-44074-00-X1		Sec 22 T24S R29E NESE 2344FSL 1199FEL 32.202094 N Lat, 103.967632 W Lon
NMNM81586	NMNM81586	CEDAR CANYON 23 FEDERAL 4H30-015-43281-00-S1		Sec 22 T24S R29E SENE 1352FNL 195FEL 32.206393 N Lat, 103.963894 W Lon
NMNM81586	NMNM81586	CEDAR CANYON 23 FEDERAL 5H30-015-43282-00-S1		Sec 22 T24S R29E NENE 1317FNL 195FEL 32.206490 N Lat, 103.963894 W Lon
NMNM81586	NMNM81586	CEDAR CANYON 23 FEDERAL COM-015-43290-00-S1		Sec 22 T24S R29E NESE 2540FSL 200FEL 32.202503 N Lat, 103.963914 W Lon
NMNM81586	NMNM81586	CEDAR CANYON 23 FEDERAL COM-015-44095-00-X1		Sec 22 T24S R29E NESE 2329FSL 1173FEL 32.202052 N Lat, 103.967549 W Lon
NMNM136823	NMNM81586	CEDAR CANYON 22 FEDERAL COM-015-43708-00-S1		Sec 22 T24S R29E NESE 2540FSL 260FEL 32.202503 N Lat, 103.964108 W Lon
NMNM85893	NMNM85893	CEDAR CANYON 21-22 FEDERAL 301-015-44176-00-X1		Sec 21 T24S R29E SWNW 1794FNL 141FWL 32.205326 N Lat, 103.997551 W Lon
NMNM85893	NMNM85893	CEDAR CANYON 21 FEDERAL COM-015-44181-00-X1		Sec 21 T24S R29E NENE 369FNL 368FEL 32.209270 N Lat, 103.982056 W Lon
NMNM85893	NMNM85893	CEDAR CANYON 21 FEDERAL COM-015-44182-00-X1		Sec 21 T24S R29E NENE 339FNL 368FEL 32.209354 N Lat, 103.982056 W Lon
NMNM85893	NMNM85893	CEDAR CANYON 21 FEDERAL COM-025-44190-00-X1		Sec 21 T24S R29E SWNW 1764FNL 141FWL 32.205410 N Lat, 103.997551 W Lon
NMNM85893	NMNM85893	CEDAR CANYON 21 FEDERAL COM-035-44191-00-X1		Sec 21 T24S R29E SWNW 1824FNL 141FWL 32.205242 N Lat, 103.997551 W Lon
NMNM136578	NMNM13996	CEDAR CANYON 22 FEDERAL COM-015-43758-00-S1		Sec 22 T24S R29E SWSW 1120FSL 207FWL 32.198632 N Lat, 103.979723 W Lon

### 10. Field and Pool, continued

PIERCE CROSSING  
PIERCE CROSSING-BONE SPRING  
PIERCE CROSSING-BONE SPRING, E  
PIERCE CROSSING-WOLFCAMP, NW  
PURPLE SAGE-WOLFCAMP (GAS)  
UNKNOWN  
WOLFCAMP

### 32. Additional remarks, continued

being sent to the Cedar Canyon water disposal distribution system.

A detailed process description by facility can be found below. The oil and gas meters will be calibrated on a regular basis per API, NMOCD and BLM specifications.

The BLM's interest, 12.5%, is identical in all wells.

WELLS BEING COMMINGLED ARE:

Cedar Canyon 22 Fed 21H  
Cedar Canyon 22 Fed Com 4H  
Cedar Canyon 23 Fed 3H  
Cedar Canyon 23 Fed 4H  
Cedar Canyon 23 Fed 5H  
Cedar Canyon 22 Fed Com 5H  
Cedar Canyon 23-24 Fed 31H  
Cedar Canyon 23-24 Fed 32H  
Cedar Canyon 23 Fed Com 6H  
Cedar Canyon 23 Fed Com 33H  
Cedar Canyon 21 Fed Com 22H  
Cedar Canyon 21 Fed Com 23H  
Cedar Canyon 21 Fed Com 21H

**32. Additional remarks, continued**

Cedar Canyon 21-22 Fed Com 32H  
Cedar Canyon 21 Fed Com 31H

For more information see attached.

# APPLICATION FOR POOL AND LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES AND STORAGE

## Commingling proposal for Cedar Canyon 23 Federal 3H Battery and Cedar Canyon 21 Federal Battery

OXY USA INC requests to amend previously approved NMOCD commingle order R-14299.

The oil production from all of the facilities and wells listed below will flow to the Cedar Canyon 21 Federal battery where it will be measured through a LACT, which will serve as the Facility Measurement Point (FMP). Production will then be allocated to each well based on well test and the amount of hours the well was operating in a given month.

Gas production from the Cedar Canyon 23-3H and Cedar Canyon 21 batteries will be separated and measured through Oxy check meters, which will serve as the FMPs, at their respective facilities, as described below.

All water from the Cedar Canyon 23-3H battery will be sent to the Cedar Canyon 21 battery before being sent to the Cedar Canyon water disposal distribution system.

A detailed process description by facility can be found below. The oil and gas meters will be calibrated on a regular basis per API, NMOCD and BLM specifications.

The BLM's interest, 12.5%, is identical in all wells.

### Cedar Canyon 23 Federal 3H Battery:

**Federal Lease NMNM81586 (12.5% Royalty Rate). POOL: PIERCE CROSSING; BONE SPRING E (96473)**

Well Name	First Oil Production	API	Surface Location	Oil (BPD)	Gravity	Gas (MSCFD)	BTU/cf
Cedar Canyon 22 Fed 21H	01/30/2017	30-015-43642	I-22-24S-29E	542	43	1377	1330
Cedar Canyon 23-24 Fed 31H		30-015-44179	A-22-24S-29E	1327 (#)	43	1725 (#)	1290
Cedar Canyon 23-24 Fed 32H		30-015-44180	A-22-24S-29E	1327 (#)	43	1725 (#)	1290
Cedar Canyon 23 Fed 3H	02/01/2017	30-015-43290	I-22-24S-29E	1112	44	2016	1290
Cedar Canyon 23 Fed 4H	01/17/2016	30-015-43281	H-22-24S-29E	144	42.9	127	1290
Cedar Canyon 23 Fed 5H	01/20/2016	30-015-43282	A-22-24S-29E	196	43	540	1290

### Federal CA NMNM136823 Lease (NMNM13996 & NMNM81586) (12.5% Royalty Rate)

**POOL: PIERCE CROSSING; BONE SPRING E (96473)**

Well Name	First Oil Production	API	Surface Location	Oil (BPD)	Gravity	Gas (MSCFD)	BTU/cf
Cedar Canyon 22 Fed Com 4H	01/30/2017	30-015-43708	I-22-24S-29E	684	43.9	1732	1330

### Federal CA PENDING Lease (NMNM81586, NMNM93477 & NMNM88138) (12.5% Royalty Rate)

**POOL: PIERCE CROSSING; BONE SPRING E (96473)**

Well Name	First Oil Production	API	Surface Location	Oil (BPD)	Gravity	Gas (MSCFD)	BTU/cf
Cedar Canyon 23 Fed Com 6H	08/06/2017	30-015-44095	I-22-24S-29E	1960	43.5	3800	1290

### Federal CA PENDING Lease (NMNM81586, NMNM93477 & NMNM88138) (12.5% Royalty Rate)

**POOL: PURPLE SAGE; WOLF CAMP (98220)**

Well Name	First Oil Production	API	Surface Location	Oil (BPD)	Gravity	Gas (MSCFD)	BTU/cf
Cedar Canyon 23 Fed Com 33H		30-015-44074	I-22-24S-29E	1106 (#)	43	1776 (#)	1290

# Represents wells not yet drilled, values are estimated

Production at the Cedar Canyon 23-3H battery will be separated and measured through a 10' X 40' three-phase separator. Oil production will flow through a turbine meter (S/N\*) before being sent to the Cedar Canyon 21 battery. Combined oil from the Cedar Canyon 23-3H and Cedar Canyon 21 batteries will be sold through a LACT (S/N\*), which will serve as the oil FMP, located at the Cedar Canyon 21 Federal Battery.

\*Meter number will be submitted upon installation.

For testing purposes, the facility will be equipped with five 6' x 20' and one 4' x 10' permanent three-phase test separators. The facility will also be equipped with two mobile 6' X 20' three-phase test separators that will be removed from location after the wells have declined to the point where the vessels are no longer needed. Each test vessel will be equipped with oil turbine meters (S/N 65987 & S/N 68538, others S/N\*), gas orifice meters (S/N 150043392 & S/N 150043401, others S/N\*), and water turbine meters (S/N 71098 & S/N 68535, others S/N\*).

Cedar Canyon 23 Federal 4H and 5H have been on production for over a year and are in Range 3 of decline. The wells can be reasonably expected to have a decline rate of less than 5 percent, as specified in Hearing Order R-14299. Therefore, wells will be tested at least once per month for a minimum of 24 hours.

The Cedar Canyon 22 Federal 21H, Cedar Canyon 23-24 Federal 31H and 32H, Cedar Canyon 22 Fed Com 4H, Cedar Canyon 23 Federal 3H, Cedar Canyon 23 Fed Com 6H and 33H will have their own dedicated separation and measurement equipment\* and tested daily prior to Range 1 of decline, and will be tested at least three times per month for a minimum of 24 hours during Range 1 of decline. When Range 2 decline is started, production will be combined with the other wells at the battery, and will be tested at least twice per month for a minimum of 24 hours during Range 2 of decline, and will be tested at least once per month for a minimum of 24 hours during Range 3 of decline, as specified in Hearing Order R-14299.

Cedar Canyon 22 Federal 21H and Fed Com 4H, Cedar Canyon 23 Federal 3H, 4H and 5H are on gas lift. Each well has a gas-driven compressor located on the respective well pads and a gas lift meter at the respective well pads to measure the amount of gas used for lift operations. The table below details the gas lift meter numbers for each well. OXY will submit a sundry notice to request off-lease royalty-free beneficial use for gas lift operations at the aforementioned wells. Estimated volume ranges from 100 MCFPD to 600 MCFPD.

WELL	GAS LIFT METER NO.
Cedar Canyon 22 Fed Com 4H	14999I
Cedar Canyon 22 Fed 21H	14979I
Cedar Canyon 23 Fed 3H	14931I
Cedar Canyon 23 Fed 4H	14933I
Cedar Canyon 23 Fed 5H	14932I

Gas will be sent from the production and test separators to a 54"X 10' gas scrubber then sent through two check meters (S/Ns\*) that will serve as gas FMPs for the purpose of royalty payment. Two gas meters are installed to accommodate estimated future volumes. Only one meter will be utilized until capacity is exceeded.

All water from the Cedar Canyon 23 Federal 3H Battery will be sent to the Cedar Canyon 21 Battery before being sent to the Cedar Canyon water disposal distribution system.

\*Meter number will be submitted upon installation.

**Cedar Canyon 21 Federal Battery:****Federal CA PENDING Lease (NMNM85893, NMNM86550 & NMNM86908) (12.5% Royalty Rate)****POOL: CORRAL DRAW; BONE SPRING (96238)**

Well Name	First Oil Production	API	Surface Location	Oil (bpd)	Gravity	Gas (MSCFD)	BTU/cf
Cedar Canyon 21 Fed Com 22 H		30-015-44190	E-21-24S-29E	1327 (#)	43	1991 (#)	1300
Cedar Canyon 21 Fed Com 23 H		30-015-44191	E-21-24S-29E	1327 (#)	43	1991 (#)	1300
Cedar Canyon 21 Fed Com 21 H		30-015-44181	A-21-24S-29E	1327 (#)	43	1991 (#)	1300

**Federal CA NMNM136578 Lease (NMNM13996 & NMNM81586) (12.5% Royalty Rate)****POOL: CORRAL DRAW; BONE SPRING (96238)**

Well Name	First Oil Production	API	Surface Location	Oil (bpd)	Gravity	Gas (MSCFD)	BTU/cf
Cedar Canyon 22 Fed Com 5H	11/29/2016	30-015-43758	M-22-24S-29E	637	43.9	1017	1330

**Federal CA PENDING Lease (NMNM85893, NMNM86550, NMNM86908 & NMNM81586) (12.5% Royalty Rate)****POOL: PIERCE CROSSING; BONE SPRING E (96473)**

Well Name	First Oil Production	API	Surface Location	Oil (bpd)	Gravity	Gas (MSCFD)	BTU/cf
Cedar Canyon 21-22 Fed Com 32H		30-015-44176	E-21-24S-29E	1327 (#)	44	1725 (#)	1300

**Federal CA PENDING Lease (NMNM85893, NMNM86550 & NMNM86908) (12.5% Royalty Rate)****POOL: PURPLE SAGE; WOLFCAMP (98220)**

Well Name	First Oil Production	API	Surface Location	Oil (bpd)	Gravity	Gas (MSCFD)	BTU/cf
Cedar Canyon 21 Fed Com 31H		30-015-44182	A-21-24S-29E	814 (#)	44	895 (#)	1300

# Represents wells not yet drilled, values are estimated

All wells will have their own dedicated separation and measurement equipment\* and be tested daily prior to Range 1 of decline, and will be tested at least three times per month for a minimum of 24 hours during Range 1 of decline. When Range 2 decline is started, production will be combined with the other wells at the battery and separated through a three-phase 10' X 40' production separator and measured through an oil turbine meter (S/N\*), water turbine meter (S/N\*) and gas orifice meter (S/N\*). Wells will be tested at least twice per month for a minimum of 24 hours during Range 2 of decline, and will be tested at least once per month for a minimum of 24 hours during Range 3 of decline, as specified in Hearing Order R-14299. There will be 3 permanent three-phase test separators (6' X 20') at the battery equipped with gas orifice meters (S/N\*), oil turbine meters (S/N\*) and water turbine meters (S/N\*).

Oil will flow through one of two heater treaters (8' X 20'). It will then be combined with oil production from the Cedar Canyon 23-3H facility and sent to storage tanks. The combined oil production will then be sold through one of three trucked LACT meters (S/N\*). There are future plans to construct a pipeline to oil sales at the end of 2017. For emergency purposes, oil will be sold through a portable truck LACT.

Cedar Canyon 22 Fed Com 5H is on gas lift. It has a gas-driven compressor located on the well pad and a gas lift meter (S/N 149781) at the well pad to measure the amount of gas used for lift operations. OXY will submit a sundry notice to request off-lease royalty-free beneficial use for gas lift operations at the aforementioned wells. Estimated volume ranges from 100 MCFPD to 600 MCFPD.

Gas will be measured off the production and test separators through gas orifice meters (S/Ns\*) and sent to a gas scrubber then measured through a check meter (S/N\*) that will serve as the FMP for the purpose of royalty payment. Gas vapors from oil tankage will flow to a Vapor Recovery Unit (VRU) then tie into the gas from the separators, upstream of the gas scrubber. If the VRU is operating at maximum capacity, the gas will flow to a Vapor Combustion Unit (VCU).

\*Meter number will be submitted upon installation.

Water production will be sent to the Cedar Canyon Salt Water Disposal Distribution system, where it will flow to the nearest SWD which has capacity to accept water.

**Additional Application Components:**

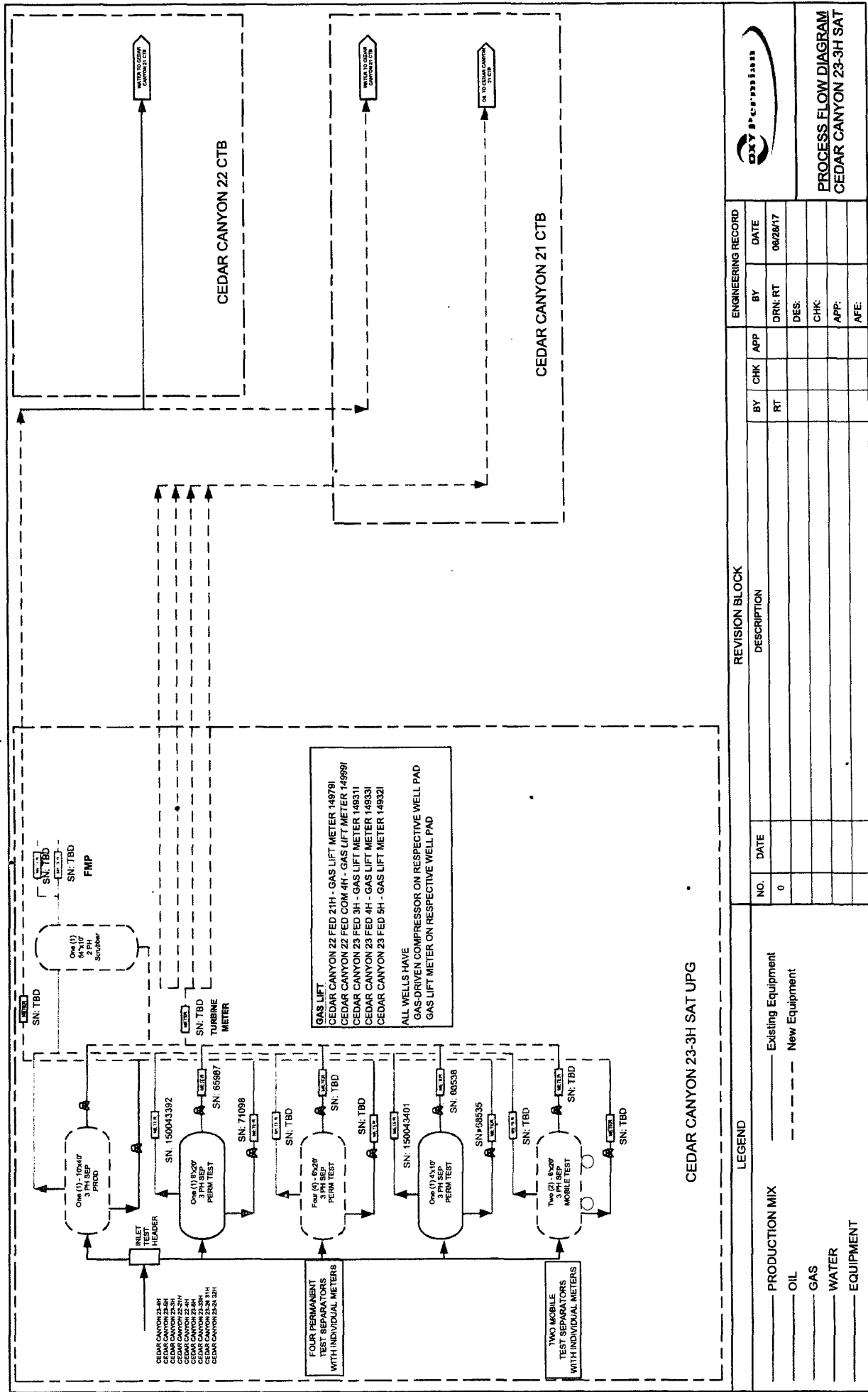
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

*The working interest, royalty interest and overriding royalty interest owners have been notified of this proposal by certified mail (see attached).*

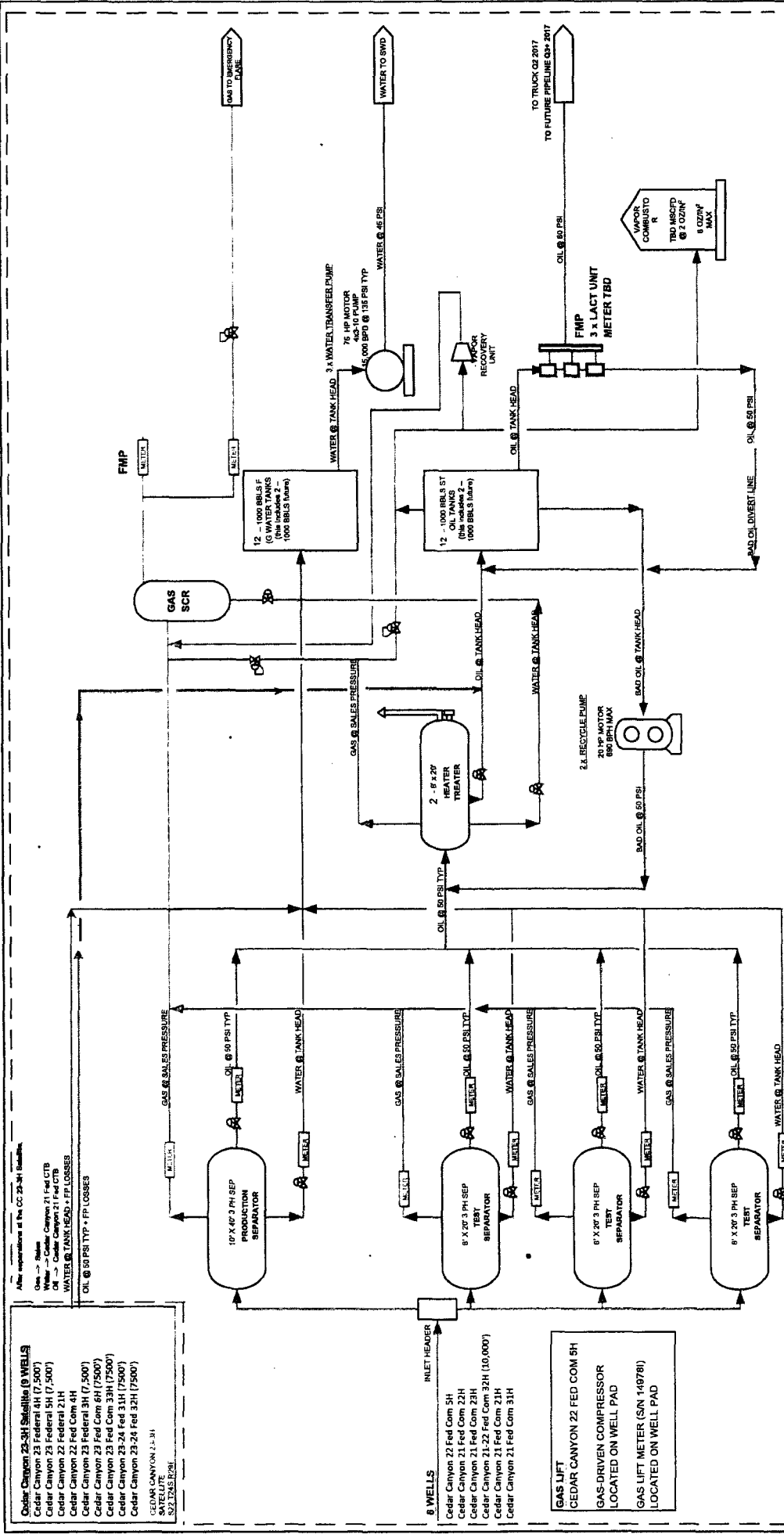
Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

After completion of facility modifications, OXY will provide BLM with an updated facility diagram.

Commingling this production is the most effective means of producing the reserves. 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.







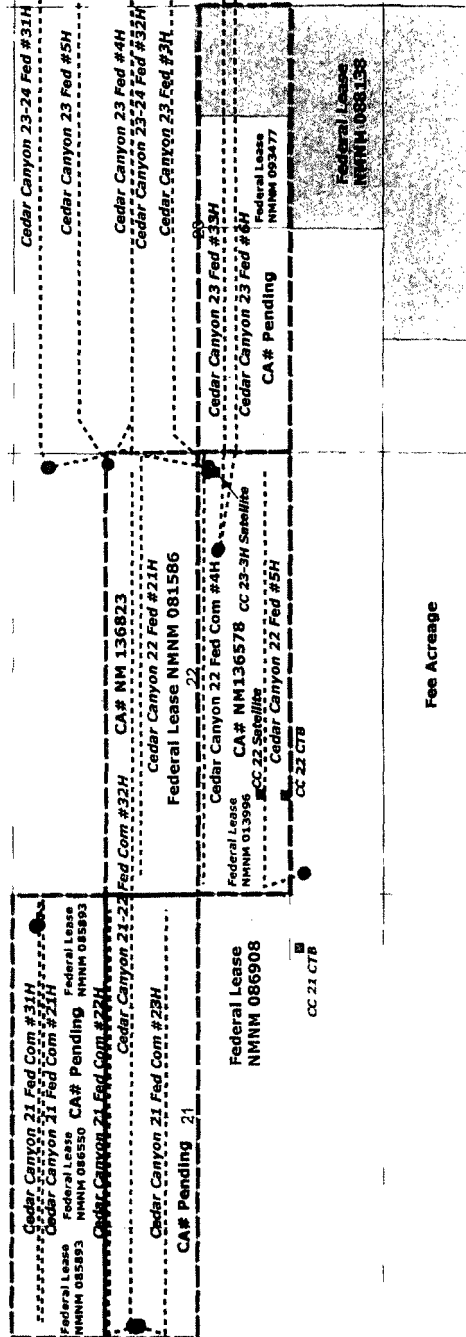
LEGEND		REVISION BLOCK		ENGINEERING RECORD	
PRODUCTION MIX	NO.	DATE	DESCRIPTION	BY	CHK
OIL	0			JC	
GAS					
WATER					
EQUIPMENT					
		DATE	BY	APP	DATE
			DRN: JC		2/6/17
			DES:		
			CHK:		
			APP:		
			AFE:		



**PROCESS FLOW DIAGRAM**  
Cedar Canyon 21 Fed CTB

13

**T24S**  
**R29E**

**Fee Acreage**


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- Purple Sage; Wolfcamp (98220)
  - Pierce Crossing Bone Spring East (96473)
  - Corral Draw; Bone Spring (96238)
- 

Comm Agreement

NMNM  
094651  
017

016

015

NMNM 096222 014

NMNM 088136

013

NMNM 000591

NMNM  
102914

NMNM  
102914

NMNM  
085893

NMNM  
086550

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013996

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119273

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121952

T 024 S  
R 029 E

NMNM 088138

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116039

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093477

023

NMNM 081586

024 NMLC 006900

029

NMNM  
054289

NMNM  
053229

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NMNM 094651

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**Economic Justification Worksheet**  
**Cedar Canyon 23-3H & Cedar Canyon 21**

WELLS	BOPD	OIL GRAVITY @ 60	VALUE/BBL	MCFD	DRY BTU	VALUE/MCF
Cedar Canyon 22 Fed 21H	542	43	\$49.00/bbl	1377	1330	\$2.98/mcf
Cedar Canyon 22 Fed Com 4H	684	43.9		1732	1330	
Cedar Canyon 23 Fed 3H	1112	44		2016	1290	
Cedar Canyon 23 Fed 4H	144	42.9		127	1290	
Cedar Canyon 23 Fed 5H	196	43		540	1290	
Cedar Canyon 22 Fed Com 5H	637	43.9		1017	1330	
Cedar Canyon 23-24 Fed 31H	1327	43		1725	1290	
Cedar Canyon 23-24 Fed 32H	1327	43		1725	1290	
Cedar Canyon 23 Fed Com 6H	1960	43.5		3800	1290	
Cedar Canyon 23 Fed Com 33H	1106	43		1776	1290	
Cedar Canyon 21 Fed Com 22H	1327	43		1991	1300	
Cedar Canyon 21 Fed Com 23H	1327	43		1991	1300	
Cedar Canyon 21 Fed Com 21H	1327	43		1991	1300	
Cedar Canyon 21-22 Fed Com 32H	1327	44		1725	1300	
Cedar Canyon 21 Fed Com 31H	814	44		895	1300	

**Economic Combined Production**

BATTERY	BOPD	WEIGHTED OIL GRAVITY @ 60	VALUE/BBL	MCFD	WEIGHTED DRY BTU	VALUE/MCF
Cedar Canyon 23-3H & 21	15157	43.4	\$49.00/bbl	24428	1300	\$2.98/mcf

BLM Royalty is 12.5% for all wells

As per our oil purchase contract, all production is sold as sweet crude and paid on a flat 40 API gravity rate.

As per our gas purchase contract, all production is sold from gas processing plant at same value.

OWNER NAME	ADDRESS	CITY	STATE	ZIP	TRACKING
ANDERSON, CURTIS A & EDNA I ANDERSON	9314 CHERRY BROOK LANE	FRISCO	TX	75033	7017 0660 0000 5197 5727
BARWIS, PAUL R	P O BOX 230	MIDLAND	TX	79702	7017 0660 0000 5197 5710
BEN J FORTSON III CHILDRENS TRUST	P O BOX 29	FORT WORTH	TX	76101	7017 0660 0000 5197 5703
BERYL OIL AND GAS LP	P O BOX 51440	MIDLAND	TX	79710	7017 0660 0000 5197 5697
BOYT, ERIC D	P O BOX 2602	MIDLAND	TX •	79702	7017 0660 0000 5197 5680
Brazos, LP	PO BOX 911	BRECKENRIDGE	TX	76424	7017 0660 0000 5197 5673
Brian C. Wagner	500 COMMERCE ST SUITE 600	FORT WORTH	TX	76102	7017 0660 0000 5197 5666
BURTON, WILLIAM K	306 WEST 7TH STREET, STE 901	FORT WORTH	TX	76102	7017 0660 0000 5197 5659
CCB 1998 TRUST	306 WEST 7TH STREET, STE 901	FORT WORTH	TX	76102	7017 0660 0000 5197 5642
CHISOS MINERALS LLC	1111 BAGBY STREET, STE 2150	HOUSTON	TX	77002	7017 0660 0000 5197 5635
Claiborne, LP	500 COMMERCE ST SUITE 600	FORT WORTH	TX	76102	7017 0660 0000 5197 5628
COLLINS & WARE INC	950 THIRD AVE, 23RD FLOOR	NEW YORK	NY	10022	7017 0660 0000 5197 5611
CORNERSTONE FAMILY TRUST	PO BOX 17656	GOLDEN	CO	80402	7017 0660 0000 5197 5604
CORONADO RESOURCES 2015 LP	3811 TURTLE CREEK BLVD, STE 1800	DALLAS	TX	75219	7017 0660 0000 5197 5598
DCB 1998 TRUST	306 WEST 7TH STREET, STE 901	FORT WORTH	TX	76102	7017 0660 0000 5197 5574
Devon Energy Production Company, LP	333 W. Sheridan Avenue	Oklahoma City	OK	73102	7017 0660 0000 5197 5567
DRW ENERGY LLC	400 W ILLINOIS SUITE 970	MIDLAND	TX	79701	7017 0660 0000 5197 5550
FINA OIL & CHEMICAL COMPANY	P O BOX 200669	HOUSTON	TX	77216	7017 0660 0000 5197 5543
FORTSON III CHILDRENS TRUST, BEN J	P O BOX 29	FORT WORTH	TX	76101	7017 0660 0000 5197 5581
GD MCKINNEY INVESTMENTS LP	300 N MARIENFELD SUITE 1100	MIDLAND	TX	79701	7017 0660 0000 5197 5499
GRABLE, ROBERT C	201 MAIN STREET	FORT WORTH	TX	76102	7017 0660 0000 5197 5482
HANITULA, JUDITH GENE	3704 SAN GABRIEL AVENUE	FRISCO	TX	75033	7017 0660 0000 5197 5475
HARROUN REV TRUST, D STUART	515 TRES LAGUNAS LANE NE	ALBUQUERQUE	NM	87113	7017 0660 0000 5197 5468
INTERNATIONAL PETROLEUM SERVICE CO	P O BOX 201730	DALLAS	TX	75320	7017 0660 0000 5197 0135
J M MINERAL & LAND CO INC	P O BOX 1015	MIDLAND	TX	79702	7017 0660 0000 5197 0128
JAREED PARTNERS LTD	P O BOX 51451	MIDLAND	TX	79710	7017 0660 0000 5197 0111
KEENE, TARA L	18700 COLLINS STREET	TARZANA	CA	91356	7017 0660 0000 5197 0104
KIMBELL ART FOUNDATION	301 COMMERCE ST SUITE 2300	FORT WORTH	TX	76102	7017 0660 0000 5197 0098
KULENGUSKI, MICHAEL A	279 JONES MOUNTAIN ROAD	MADISON	VA	22727	7017 0660 0000 5197 0081
LEOPARD PETROLEUM LP	4200 FAIRWOOD PL	MIDLAND	TX	79707	7017 0660 0000 5197 5307
MAGNOLIA ROYALTY COMPANY INC	P O BOX 10703	MIDLAND	TX	79702	7017 0660 0000 5197 5291
MAPOO-NET TX GENERAL PARTNERSHIP	P.O. BOX 268946	OKLAHOMA CITY	OK	73126	7017 0660 0000 5197 5284
MINERALS MANAGEMENT SERVICE	PO BOX 25627	DENVER	CO	80225	7017 0660 0000 5197 5277
MWB 1998 TRUST	306 WEST 7TH STREET, STE 901	FORT WORTH	TX	76102	7017 0660 0000 5197 5260
NEAL, JEFFREY CASWELL	1311 DOEPP DRIVE	CARLSBAD	NM	88220	7017 0660 0000 5197 5369
NELMS, PIPER L	18706 COLLIN ST	TARZANA	CA	91356	7017 0660 0000 5197 5376
NICHOLS, BEVERLY GAY	1118 PIKE PLACE	CHARLOTTEVILLE	VA	22901	7017 0660 0000 5197 5383
PENROC OIL CORPORATION	P O BOX 2769	HOBBS	NM	88241	7017 0660 0000 5197 5390
REED, B JACK	506 CHARISMATIC	MIDLAND	TX	79705	7017 0660 0000 5197 5406
RICHARD K BARR FAMILY TRUST	8027 CHALK KNOLL DR	AUSTIN	TX	78735	7017 0660 0000 5197 0074
ROACH FOUNDATION INC	777 TAYLOR ST PII-J	FORT WORTH	TX	76102	7017 0660 0000 5197 0050
RUTTER & WILBANKS CORPORATION	BOX 3186	MIDLAND	TX	79701	7017 0660 0000 5197 0067

OWNER NAME	ADDRESS	CITY	STATE	ZIP	TRACKING
SCHOENING, M'LISSA M	300 N MARIENFELD STE 1100	MIDLAND	TX	79701	7017 0660 0000 5197 0043
SHARBRO OIL LTD CO	P O BOX 840	ARTESIA	NM	88211	7017 0660 0000 5197 0036
SOFTSEARCH INVESTMENT LP	P O BOX 89	ABILENE	TX	79604	7017 0660 0000 5197 5352
SOFTVEST MANAGEMENT LP	P O BOX 89	ABILENE	TX	79604	7017 0660 0000 5197 5345
SUNDANCE MINERALS I	P O BOX 17744	FORT WORTH	TX	76102	7017 0660 0000 5197 5338
THOMA, SANDRA M	8530 MILL RUM ROAD	ATHENS	TX	75751	7017 0660 0000 5197 5321
VOGT TRUST, ANDREW AND JANET	13404 PIEDRA GRANDE PLACE NE	ALBUQUERQUE	NM	87111	7017 0660 0000 5197 5314
WAGNER OIL COMPANY	500 COMMERCE ST STE 600	FORT WORTH	TX	76102	7017 0660 0000 5197 5529
WALKER III, HERMAN CLIFFORD	P O BOX 10135	MIDLAND	TX	79702	7017 0660 0000 5197 5512
WHEELER, C MARK	719 W KANSAS AVENUE	MIDLAND	TX	79701	7017 0660 0000 5197 5505
WILSON BYPASS TRUST, SCOTT E	4601 MIRADOR DRIVE	AUSTIN	TX	78735	7017 0660 0000 5197 5536

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 05:15 PM  
Page 1 of 1

Run Date: 08/10/2017

01 02-25-1920;041STAT0437;30USC181

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

320.000

NMNM-- - 136823

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 136823

Name & Address			Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
OXY USA INC	PO BOX 4294	HOUSTON TX 772104294	OPERATOR	100.000000000

Serial Number: NMNM-- - 136823

Mer Twp	Rng	Sec	STyp	SNr SUFF	Subdivision	District/Field Office	County	Mgmt Agency
23	02405	0290E	022	ALIQ	S2N2,N2S2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 136823

Act Date	Code	Action	Action Remark	Pending Office
11/01/2016	387	CASE ESTABLISHED		
11/01/2016	516	FORMATION	BONE SPRNG	
11/01/2016	526	ACRES-FED INT 100%	320;100%	
11/01/2016	868	EFFECTIVE DATE	/A/	
01/29/2017	654	AGMT PRODUCING	/1/	
01/29/2017	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-43708	
03/07/2017	334	AGMT APPROVED		
03/07/2017	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- - 136823

Line Nr	Remarks			
0001	/A/ RECAPITULATION EFFECTIVE 11/01/2016			
0002	TR# LEASE SERIAL NO AC COMMITTED % INTEREST			
0003	1 NMNM 13996	40.00	12.50	
0004	2 NMNM 81586	280.00	87.50	
0005	TOTAL	320.00	100.00	

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 05:18 PM

Page 1 of 1

Run Date: 08/10/2017

01 02-25-1920;041STAT0437;30USC181

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

160.000

NMNM-- - 136578

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 136578

Name & Address			Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
OXY USA INC	PO BOX 4294	HOUSTON TX 772104294	OPERATOR	100.000000000

Serial Number: NMNM-- - 136578

Mer Twp	Rng	Sec	STyp	SNr	Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0240S	0290E	022	AUQ		N2S2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 136578

Act Date	Code	Action	Action Remark	Pending Office
11/01/2016	387	CASE ESTABLISHED		
11/01/2016	516	FORMATION	BONE SPRING	
11/01/2016	526	ACRES-FED INT 100%	160;100%	
11/01/2016	868	EFFECTIVE DATE	/A/	
11/26/2016	654	AGRMT PRODUCING	/1/	
11/26/2016	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-43758	
12/16/2016	334	AGRMT APPROVED		
12/16/2016	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- - 136578

Line Nr	Remarks			
0001	/A/ RECAPITULATION EFFECTIVE 11/01/2016			
0002	TR# LEASE SERIAL NO AC COMMITTED % INTEREST			
0003	1 NMNM 13996	40.00	25.00	
0004	2 NMNM 81586	120.00	75.00	
0005	TOTAL	160.00	100.00	

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 12:12 PM

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Run Date: 11/12/2015

**01 12-22-1987;101STAT1330;30USC181 ET SE**  
**Case Type 312021: O&G LSE COMP PD -1987**  
**Commodity 459: OIL & GAS**  
**Case Disposition: AUTHORIZED**

**Total Acres** 1,040.000  
**Serial Number** NMNM-- - 081586

			Serial Number: NMNM-- - 081586	
Name & Address			Int Rel	% Interest
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #600	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.000000000
FORTSON OIL CO	301 COMMERCE #3301	FORT WORTH TX 761024133	OPERATING RIGHTS	0.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	LESSEE	100.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
PXP PRODUCING CO LLC	717 TEXAS ST STE 2100	HOUSTON TX 770022753	OPERATING RIGHTS	0.000000000

							Serial Number: NMNM-- - 081586	
Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0240S	0290E 022	ALIQ		S2N2,NESW,N2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0290E 023	ALIQ		N2,N2SW,SESW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0290E 024	ALIQ		W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

					Serial Number: NMNM-- - 081586	
Act Date	Code	Action	Action Remark	Pending Office		
04/18/1989	387	CASE ESTABLISHED	PARCEL #227			
04/19/1989	191	SALE HELD				
04/19/1989	267	BID RECEIVED	\$260000.00;			
04/19/1989	392	MONIES RECEIVED	\$2080.00;			
04/20/1989	111	RENTAL RECEIVED	\$1560.00;1YR/89-90			
04/20/1989	392	MONIES RECEIVED	\$257920.00;			
05/23/1989	237	LEASE ISSUED				
05/23/1989	974	AUTOMATED RECORD VERIF	MLO/LO			
06/01/1989	496	FUND CODE	05;145003			
06/01/1989	530	RLTY RATE - 12 1/2%				
06/01/1989	868	EFFECTIVE DATE				
06/01/1989	909	BOND ACCEPTED	EFF 07/24/78;WY0405			
06/14/1989	600	RECORDS NOTED				
06/14/1989	963	CASE MICROFILMED/SCANNED	CNUM 566,665			
05/07/1990	111	RENTAL RECEIVED	\$1560.00;21/2765			
11/07/1990	932	TRF OPER RGTS FILED	COLLINS&WARE/FORTSON			
11/08/1990	899	TRF OF ORR FILED	(1)			
11/08/1990	899	TRF OF ORR FILED	(2)			
01/28/1991	933	TRF OPER RGTS APPROVED	EFF 12/01/90;			
01/28/1991	974	AUTOMATED RECORD VERIF	MRR/JLV			
03/25/1991	932	TRF OPER RGTS FILED	CORTEZ/COLLINS & WARE			
04/12/1991	111	RENTAL RECEIVED	\$1560.00;21/4774			
05/22/1991	933	TRF OPER RGTS APPROVED	EFF 04/01/91;			
05/22/1991	974	AUTOMATED RECORD VERIF	ST/CG			
08/19/1991	899	TRF OF ORR FILED				
05/17/1993	111	RENTAL RECEIVED	\$1560.00;21/1117			
03/10/1994	575	APD FILED	COLLINS & WARE INC			
04/11/1994	084	RENTAL RECEIVED BY ONRR	\$2080.00;21/1013			
04/26/1994	575	APD FILED	POGO PROD CO			

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 12:14 PM

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Run Date: 11/12/2015

01 02-25-1920;041STAT0437;30USC181ETSEQ

Total Acres

Serial Number

Case Type 311211: O&G LSE SIMO PUBLIC LAND

199.710

NMNM-- - 013996

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 013996

Name & Address			Int Rel	% Interest
APACHE CORP	2000 POST OAK BLVD STE 100	HOUSTON TX 770564400	OPERATING RIGHTS	0.000000000
EAGLE-K PROD CO	PO BOX 80451	MIDLAND TX 79708	OPERATING RIGHTS	0.000000000
OCCIDENTAL PERMIAN LP	5 E GREENWAY PLAZA #110	HOUSTON TX 770460521	LESSEE	100.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS	0.000000000
PG & E RESOURCE CO	6688 N CENTRAL EXPY	DALLAS TX 75206	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 013996

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0240S	0290E	006	ALIQ	E25W;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0290E	006	LOTS	7;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0290E	022	ALIQ	W25W;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 013996

Act Date	Code	Action	Action Remark	Pending Office
05/23/1971	387	CASE ESTABLISHED	SPAR66;	
05/24/1971	888	DRAWING HELD		
06/15/1971	237	LEASE ISSUED		
07/01/1971	496	FUND CODE	05;145003	
07/01/1971	530	RLTY RATE - 12 1/2%		
07/01/1971	868	EFFECTIVE DATE		
05/22/1981	246	LEASE COMMITTED TO CA	SCR93 EFF 4/1/81	
04/27/1982	500	GEOGRAPHIC NAME	MALAGA FLD;	
04/27/1982	500	GEOGRAPHIC NAME	WILDCAT MARROW;	
04/27/1982	510	KMA CLASSIFIED		
04/27/1982	660	MEMO OF 1ST PROD-ALLOC	SCR-93	
08/02/1982	102	NOTICE SENT-PROD STATUS		
02/21/1984	522	CA TERMINATED	SCR-93	
02/24/1984	246	LEASE COMMITTED TO CA	NMNM94448;	
02/24/1984	660	MEMO OF 1ST PROD-ALLOC	NMNM94448;	
08/07/1985	512	KMA EXPANDED		
09/21/1987	974	AUTOMATED RECORD VERIF	KAT/KG	
10/03/1988	963	CASE MICROFILMED/SCANNED	CNUM 108,268	
04/09/1991	940	NAME CHANGE RECOGNIZED	TEXACO PROD/EXPL&PROD	
08/14/1991	932	TRF OPER RGTS FILED	AMOCO PROD/MW PETRO	
10/16/1991	933	TRF OPER RGTS APPROVED	EFF 09/01/91;	
10/16/1991	974	AUTOMATED RECORD VERIF	ST/VHG	
10/03/1994	899	TRF OF ORR FILED		
11/18/1994	932	TRF OPER RGTS FILED	MW PETRO/PG&E RES CO	
02/03/1995	933	TRF OPER RGTS APPROVED	EFF 12/01/94;	
02/03/1995	974	AUTOMATED RECORD VERIF	ANN	
10/31/1995	522	CA TERMINATED	NMNM94448;	
02/01/1996	235	EXTENDED	THRU 10/31/97;	
02/01/1996	974	AUTOMATED RECORD VERIF	SSP	
06/17/1996	084	RENTAL RECEIVED BY ONRR	\$99.86;23/0000026443	

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**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
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Run Time: 01:29 PM

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Run Date: 06/22/2017

01 12-22-1987;101STAT1330;30USC181 ET SE

Total Acres

Serial Number

Case Type 312021: O&G LSE COMP PD -1987

40.000

NMNM-- - 093477

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 093477

Name & Address			Int Rel	% Interest
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #600	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	LESSEE	100.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
PXP PRODUCING CO LLC	717 TEXAS ST STE 2100	HOUSTON TX 770022753	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 093477

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0240S 0290E 023	ALIQ		NWSE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 093477

Act Date	Code	Action	Action Remark	Pending Office
07/19/1994	387	CASE ESTABLISHED	9407065	
07/20/1994	191	SALE HELD		
07/20/1994	267	BID RECEIVED	\$31600.00;	
07/20/1994	392	MONIES RECEIVED	\$31600.00;	
08/17/1994	237	LEASE ISSUED		
08/17/1994	974	AUTOMATED RECORD VERIF		RAYO
08/30/1994	600	RECORDS NOTED		
09/01/1994	496	FUND CODE	05;145003	
09/01/1994	530	RLTY RATE - 12 1/2%		
09/01/1994	868	EFFECTIVE DATE		
09/20/1994	111	RENTAL RECEIVED	\$60.00;11/MULTIPLE	
10/20/1994	963	CASE MICROFILMED/SCANNED		
01/11/1995	140	ASGN FILED	TORRANS & CO/POGO;	
01/30/1995	932	TRF OPER RGTS FILED	POGO/COLLINS & WARE	
02/06/1995	899	TRF OF ORR FILED		
04/13/1995	933	TRF OPER RGTS APPROVED	EFF 02/01/95;	
04/13/1995	974	AUTOMATED RECORD VERIF	JLV	
05/23/1995	139	ASGN APPROVED	EFF 02/01/95;	
05/23/1995	974	AUTOMATED RECORD VERIF	GSB	
08/14/1995	084	RENTAL RECEIVED BY ONRR	\$60.00;21/0000000013	
08/12/1996	084	RENTAL RECEIVED BY ONRR	\$60.00;21/0000000001	
02/01/1997	246	LEASE COMMITTED TO CA	NMNM94527;	
03/28/1997	932	TRF OPER RGTS FILED	COLLINS&WARE/DREYFUS	
04/14/1997	933	TRF OPER RGTS APPROVED	EFF 04/01/97;	
04/14/1997	974	AUTOMATED RECORD VERIF	MV/MV	
08/04/1997	084	RENTAL RECEIVED BY ONRR	\$60.00;21/0000000004	
07/29/1998	084	RENTAL RECEIVED BY ONRR	\$60.00;21/0000000007	
01/31/1999	522	CA TERMINATED	NMNM94527;	
08/09/1999	084	RENTAL RECEIVED BY ONRR	\$80.00;21/0000000009	
08/07/2000	084	RENTAL RECEIVED BY ONRR	\$80.00;21/11	
08/13/2001	084	RENTAL RECEIVED BY ONRR	\$80.00;21/13	
12/12/2001	817	MERGER RECOGNIZED	L DREYFUS/DOMINION	

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Run Date: 06/22/2017

01 12-22-1987;101STAT1330;30USC181 ET SE

Total Acres

Serial Number

Case Type 312021: O&G LSE COMP PD -1987

240.000

NMNM-- - 088138

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 088138

Name & Address			Int Rel	% Interest
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	OPERATING RIGHTS	0.000000000
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #600	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.000000000
FORTSON OIL CO	301 COMMERCE #3301	FORT WORTH TX 761024133	OPERATING RIGHTS	0.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	LESSEE	100.000000000
OXY USA WTP LP	5 GREENWAY PLAZA #110	HOUSTON TX 77046	OPERATING RIGHTS	0.000000000
PENWELL ENERGY INC	600 N MARIENFELD #1100	MIDLAND TX 79701	OPERATING RIGHTS	0.000000000
PXP PRODUCING CO LLC	717 TEXAS ST STE 2100	HOUSTON TX 770022753	OPERATING RIGHTS	0.000000000
RKI EXPLORATION & PRODUCTION LLC	3500 ONE WILLIAMS CTR	TULSA OK 741720135	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 088138

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0240S	0290E	023	ALIQ		SWSE,E2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S	0290E	026	ALIQ		N2NE,NENW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 088138

Act Date	Code	Action	Action Remark	Pending Office
01/21/1992	387	CASE ESTABLISHED	9201165	
01/22/1992	191	SALE HELD		
01/22/1992	267	BID RECEIVED	\$8400.00;	
01/22/1992	392	MONIES RECEIVED	\$480.00;	
02/04/1992	392	MONIES RECEIVED	\$7920.00;	
02/28/1992	237	LEASE ISSUED		
02/28/1992	974	AUTOMATED RECORD VERIF		AT/LBO
03/01/1992	496	FUND CODE	05;145003	
03/01/1992	530	RLTY RATE - 12 1/2%		
03/01/1992	868	EFFECTIVE DATE		
03/18/1992	111	RENTAL RECEIVED	\$360.00;21/0118712163	
04/14/1992	600	RECORDS NOTED		
02/16/1993	111	RENTAL RECEIVED	\$360.00;21/1016	
06/28/1993	932	TRF OPER RGTS FILED	COLLINS/FORTSON OIL	
09/28/1993	933	TRF OPER RGTS APPROVED	EFF 07/01/93;	
09/28/1993	974	AUTOMATED RECORD VERIF		ANN/KRP
10/08/1993	963	CASE MICROFILMED/SCANNED	CNUM 569,211	JS
02/18/1994	111	RENTAL RECEIVED	\$360.00;21/1347	
07/21/1994	899	TRF OF ORR FILED	(1)	
07/21/1994	899	TRF OF ORR FILED	(2)	
09/19/1994	932	TRF OPER RGTS FILED	FORTSON/POGO PROD CO	
10/17/1994	140	ASGN FILED	COLLIN&WARE/POGO PROD	
10/17/1994	932	TRF OPER RGTS FILED	COLLINS&WARE/POGO	
12/15/1994	932	TRF OPER RGTS FILED	FORTSON OIL/POGO PROD	
12/22/1994	084	RENTAL RECEIVED BY ONRR	\$360.00;21/0000000015	
12/28/1994	933	TRF OPER RGTS APPROVED	EFF 10/01/94;	
12/28/1994	933	TRF OPER RGTS APPROVED	EFF 11/01/94;	

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

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BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 09:46 AM

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Run Date: 01/04/2017

01 12-22-1987;101STAT1330;30USC181 ET SE

Total Acres

Serial Number

Case Type 312021: O&G LSE COMP PD -1987

160.000

NMNM-- - 085893

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 085893

Name & Address			Int Rel	% Interest
CONOCOPHILLIPS CO	PO BOX 7500	BARTLESVILLE OK 740057500	OPERATING RIGHTS	0.000000000
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #600	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	333 CLAY ST #4200	HOUSTON TX 77002	LESSEE	100.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
PXP PRODUCING CO LLC	717 TEXAS ST STE 2100	HOUSTON TX 770022753	OPERATING RIGHTS	0.000000000
RIVERHILL ENERGY CO	PO BOX 2726	MIDLAND TX 797022726	OPERATING RIGHTS	0.000000000
SIETE OIL & GAS CORP	BOX 2523	ROSWELL NM 882022523	OPERATING RIGHTS	0.000000000
SM ENERGY CO	1775 SHERMAN ST STE 1200	DENVER CO 802031100	OPERATING RIGHTS	0.000000000
ST MARY LAND & EXPL	1776 LINCOLN ST #1100	DENVER CO 802031080	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 085893

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0240S 0290E 021	ALIQ		E2NE,W2NW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 085893

Act Date	Code	Action	Action Remark	Pending Office
10/16/1990	387	CASE ESTABLISHED	9010106	
10/17/1990	191	SALE HELD		
10/17/1990	267	BID RECEIVED	\$35200.00;	
10/17/1990	392	MONIES RECEIVED	\$320.00;	
10/30/1990	392	MONIES RECEIVED	\$34880.00;	
11/30/1990	237	LEASE ISSUED		
11/30/1990	974	AUTOMATED RECORD VERIF		AT/ML
12/01/1990	496	FUND CODE	05;145003	
12/01/1990	530	RLTY RATE - 12 1/2%		
12/01/1990	868	EFFECTIVE DATE		
01/04/1991	111	RENTAL RECEIVED	\$240.00;21/0164709613	
01/11/1991	600	RECORDS NOTED		
11/04/1991	111	RENTAL RECEIVED	\$240.00;21/24627	
08/10/1992	932	TRF OPER RGTS FILED	ENRON O&G/PHILLIPS	
01/05/1993	933	TRF OPER RGTS APPROVED	EFF 09/01/92;	
01/05/1993	974	AUTOMATED RECORD VERIF		ANN/JS
01/20/1993	963	CASE MICROFILMED/SCANNED	CNUM 568,223	MF
11/05/1993	111	RENTAL RECEIVED	\$240.00;21/28879	
05/31/1994	932	TRF OPER RGTS FILED	PHILLIPS/SIETE	
09/01/1994	933	TRF OPER RGTS APPROVED	EFF 06/01/94;	
09/01/1994	974	AUTOMATED RECORD VERIF		MV/MV
11/08/1994	111	RENTAL RECEIVED	\$240.00;21/0000000315	
01/13/1995	575	APD FILED	POGO PROD CO	
01/23/1995	932	TRF OPER RGTS FILED	SIETE/POGO	
02/17/1995	576	APD APPROVED	#1 CEDAR CYN 21 FED	
04/05/1995	650	HELD BY PROD - ACTUAL	/1/	
04/05/1995	658	MEMO OF 1ST PROD-ACTUAL	/1/CEDR CANYN 21FD 1;	

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 09:43 AM

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Run Date: 09/08/2017

01 12-22-1987;101STAT1330;30USC181 ET SE

Total Acres

Serial Number

Case Type 312021: O&G LSE COMP PD -1987

80.000

NMNM-- - 086550

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 086550

Name & Address			Int Rel	% Interest
CONOCOPHILLIPS CO	PO BOX 7500	BARTLESVILLE OK 740057500	OPERATING RIGHTS	0.000000000
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #600	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	PO BOX 2267	MIDLAND TX 797022267	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	333 CLAY ST #4200	HOUSTON TX 77002	LESSEE	100.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS	0.000000000
PXP PRODUCING CO LLC	717 TEXAS ST STE 2100	HOUSTON TX 770022753	OPERATING RIGHTS	0.000000000
RIVERHILL ENERGY CO	PO BOX 2726	MIDLAND TX 797022726	OPERATING RIGHTS	0.000000000
SIETE OIL & GAS CORP	BOX 2523	ROSWELL NM 882022523	OPERATING RIGHTS	0.000000000
SM ENERGY CO	1775 SHERMAN ST STE 1200	DENVER CO 802031100	OPERATING RIGHTS	0.000000000
ST MARY LAND & EXPL	1776 LINCOLN ST #1100	DENVER CO 802031080	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 086550

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0240S 0290E 021	ALIQ		E2NW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 086550

Act Date	Code	Action	Action Remark	Pending Office
04/16/1991	387	CASE ESTABLISHED		
04/17/1991	191	SALE HELD		
04/17/1991	267	BID RECEIVED	\$20800.00;	
04/17/1991	392	MONIES RECEIVED	\$160.00;	
04/30/1991	392	MONIES RECEIVED	\$20640.00;	
05/21/1991	237	LEASE ISSUED		
05/21/1991	974	AUTOMATED RECORD VERIF		AR
06/01/1991	496	FUND CODE	05;145003	
06/01/1991	530	RLTY RATE - 12 1/2%		
06/01/1991	868	EFFECTIVE DATE		
06/24/1991	600	RECORDS NOTED		
07/17/1991	140	ASGN FILED	UTI ENE/BARR & WILSON	
09/26/1991	139	ASGN APPROVED	EFF 08/01/91;	
09/26/1991	974	AUTOMATED RECORD VERIF		SSP/KRP
04/24/1992	140	ASGN FILED	UTI ENE/ENRON OG CO	
05/27/1992	139	ASGN APPROVED	EFF 05/01/92;	
05/27/1992	974	AUTOMATED RECORD VERIF		MRR/JS
08/10/1992	932	TRF OPER RGTS FILED	ENRON O&G/PHILLIPS	
01/05/1993	933	TRF OPER RGTS APPROVED	EFF 09/01/92;	
01/05/1993	974	AUTOMATED RECORD VERIF		ANN/JS
01/20/1993	963	CASE MICROFILMED/SCANNED	CNUM 568,722	MF
05/10/1993	111	RENTAL RECEIVED	\$120.00;21/27910	
05/05/1994	111	RENTAL RECEIVED	\$120.00;21/30350	
05/31/1994	932	TRF OPER RGTS FILED	PHILLIPS/SIETE O&G	
07/28/1994	933	TRF OPER RGTS APPROVED	EFF 06/01/94;	
07/28/1994	974	AUTOMATED RECORD VERIF		MV/MV

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 09:42 AM

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Run Date: 09/08/2017

01 12-22-1987;101STAT1330;30USC181 ET SE

Case Type 312021: O&G LSE COMP PD -1987

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Total Acres

160.000

Serial Number

NMNM-- - 086908

Serial Number: NMNM-- - 086908

Name & Address			Int Rel	% Interest
BRAZOS LP	PO BOX 911	BRECKENRIDGE TX 76424	OPERATING RIGHTS	0.000000000
CLAIBORNE LP	500 COMMERCE ST STE 600	FORT WORTH TX 761025477	OPERATING RIGHTS	0.000000000
CONOCOPHILLIPS CO	PO BOX 7500	BARTLESVILLE OK 740057500	OPERATING RIGHTS	0.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	OPERATING RIGHTS	0.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	LESSEE	100.000000000
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #600	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.000000000
EAGLE-K PROD CO	PO BOX 80451	MIDLAND TX 79708	OPERATING RIGHTS	0.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
PXP PRODUCING CO LLC	717 TEXAS ST STE 2100	HOUSTON TX 770022753	OPERATING RIGHTS	0.000000000
WAGNER BRYAN C	301 COMMERCE ST #3400	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000
WAGNER OIL CO	301 COMMERCE ST #3400	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000
WAGNER OIL CO	500 COMMERCE ST #600	FORT WORTH TX 76102	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 086908

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0240S 0290E 021	ALIQ		W2NE,N2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 086908

Act Date	Code	Action	Action Remark	Pending Office
07/16/1991	387	CASE ESTABLISHED	9107106	
07/17/1991	191	SALE HELD		
07/17/1991	267	BID RECEIVED	\$13600.00;	
07/17/1991	392	MONIES RECEIVED	\$320 00;	
07/24/1991	111	RENTAL RECEIVED	\$240 00;21/0376711124	
07/26/1991	392	MONIES RECEIVED	\$13280.00;	
08/23/1991	237	LEASE ISSUED		
08/23/1991	974	AUTOMATED RECORD VERIF		AT/JG
09/01/1991	496	FUND CODE	05;145003	
09/01/1991	530	RLTY RATE - 12 1/2%		
09/01/1991	868	EFFECTIVE DATE		
09/24/1991	600	RECORDS NOTED		
07/06/1993	111	RENTAL RECEIVED	\$240.00;21/40961	
07/11/1994	111	RENTAL RECEIVED	\$240.00;21/43505	
05/16/1995	575	APD FILED		
06/19/1995	576	APD APPROVED	1-MITCHELL"21" FED	
07/10/1995	084	RENTAL RECEIVED BY ONRR	\$240.00;21/0000000458	
09/20/1995	650	HELD BY PROD - ACTUAL	/1/	
10/03/1995	575	APD FILED		
11/01/1995	576	APD APPROVED	2-MITCHELL 21 FED	
11/07/1995	576	APD APPROVED	1-ARCO 6 FED	
11/07/1995	576	APD APPROVED	3-MITCHELL 21 FED	
01/18/1996	932	TRF OPER RGTS FILED	MITCHELL/POGO ETAL	
01/26/1996	658	MEMO OF 1ST PROD-ACTUAL	/1/MITCHELL 21 FED 1;	

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**See list of wells, cases, and API numbers below**

**Oxy USA Incorporated  
December 12, 2017**

**Condition of Approval**

**Surface, Pool commingling and off Lease storage, measurement and sales**

1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
2. This agency shall be notified of any spill or discharge as required by NTL-3A.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments or product accountability.
4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
6. Gas measurement for allocation must be measured as per Federal Regulations, AGA and API requirements for sales meters.
7. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per 43 CFR 3179 to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer. These Volumes are royalty bearing and shall be reported on OGOR "B" as disposition code "33".
8. This agency shall be notified of any change in sales method or location of sales point.
9. Additional wells require additional commingling approvals.
10. Notify this office 24 Hrs. prior to any meter calibration/proving to allow time for an inspector to witness.
11. Submit meter numbers upon installation of meters and also provide updated facility diagram with meters numbers.

<b>Case Number</b>	<b>Well Name, Number</b>	<b>API Number</b>
NMNM81586	Cedar Canyon 22 Fed 21H	3001543642
NMNM81586	Cedar Canyon 23-24 Fed 31H	3001544179
NMNM81586	Cedar Canyon 23-24 Fed 32H	3001544180
NMNM81586	Cedar Canyon 23 Fed 3H	3001543290
NMNM81586	Cedar Canyon 23 Fed 4H	3001543281
NMNM81586	Cedar Canyon 23 Fed 5H	3001543282
NMNM136823	Cedar Canyon 22 Fed Com 4H	3001543708



NMNM81586/CA PENDING	Cedar Canyon 23 Fed Com 6H	3001544095
NMNM81586/CA PENDING	Cedar Canyon 23 Fed Com 33H	3001544074
NMNM85893/CA PENDING	Cedar Canyon 21 Fed Com 22H	3001544190
NMNM85893/CA PENDING	Cedar Canyon 21 Fed Com 23H	3001544191
NMNM85893/CA PENDING	Cedar Canyon 21 Fed Com 21H	3001544181
NMNM136578	Cedar Canyon 22 Fed Com 5H	3001543758
NMNM85893/CA PENDING	Cedar Canyon 21-22 Fed Com 32H	3001544176
NMNM85893/CA PENDING	Cedar Canyon 21 Fed Com 31H	3001544182