Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Carlsbad	FORMAPPROVED ON BYO DO 337 Expires: January 31, 2018
OCD	Expires: January 31, 2018

	NOTICES AND REPO		:118	OCL	5/ newsese and no Multiple - See At	tached			
Do not use thi	is form for proposals to II. Use form 3160-3 (AP	drill or to re-	enter an		6. If Indian, Allottee o				
SUBMIT IN T	TRIPLICATE - Other ins	tructions on	page 2		7. If Unit or CA/Agree NMNM136824	ement, Name and/or No.			
Type of Well	ner				Well Name and No. MultipleSee Attached				
Name of Operator OXY USA INCORPORATED		SANDRA MU MUSALLAM@			9. API Well No. Multiple-See At	tached			
3a. Address 5 GREENWAY PLAZA SUITE HOUSTON, TX 77046-0521	110	3b. Phone No Ph: 713-36	(include area code) 6-5106		10. Field and Pool or MultipleSee At				
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	7)			11. County or Parish,	State			
MultipleSee Attached					EDDY COUNTY	′, NM			
12. CHECK THE AF	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE,	REPORT, OR OTH	HER DATA			
TYPE OF SUBMISSION			TYPE OF	ACTION					
Matica of Intent	☐ Acidize	☐ Dee	pen	☐ Product:	ion (Start/Resume)	■ Water Shut-Off			
Notice of Intent ■ Notice of Intent	☐ Hyd	raulic Fracturing	☐ Reclama	ation	■ Well Integrity				
☐ Subsequent Report	□ Casing Repair	□ Nev	Construction	☐ Recomp	lete	Other			
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon ☐ Tempo		Tempor	arily Abandon	Surface Commingling			
	Convert to Injection	🗖 Plug	g Back	☐ Water D	Disposal				
If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for from the Coxy USA INC requests to am 27-28 Fed Com 43H and 44H	rk will be performed or provide operations. If the operation re- pandonment Notices must be fi- inal inspection.	e the Bond No. or esults in a multiple conly after all NMOCD con	n file with BLM/BIA e completion or reco requirements, includ nmingle order PC	 Required sub impletion in a religion in a reclamation C-1301. Ceo 	osequent reports must be new interval, a Form 316 n, have been completed a	filed within 30 days 50-4 must be filed once			
The oil production from all of t 28 Federal 4 battery (Lat 32.1 (S/N 14667144 and 14667145 will then be allocated to each operating in a given month.	86, Long -103.992) wher 5), which will serve as the	re it will be me Facility Meas	asured through t surement Point (I	wo LÀCT m FMP). Prod	eters uction NM OIL	CONSERVATION			
Gas production will be separa will serve as the FMP. Gas w	ted and measured throug vill then be sent to sales.	gh an Oxy che	ck meter (S/N 30	00039-19), v		DEC 19 2017			
						RECEIVED			
14. I hereby certify that the foregoing is	Electronic Submission #	A INCORPORA	TED, sent to the	Carlsbad	•				
Name (Printed/Typed) SANDRA	MUSALLAM		Title REGUL	ATORY EN	GINEER				
Signature (Electronic S	Submission)		Date 11/06/2	017 ⁻					
	THIS SPACE F	OR FEDERA	L OR STATE	OFFICE U	SE				
Approved By J. W. W.	hitlang_		Title 721	PET		12/12/17 Date /12/17			
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conductive the conductive the applicant to conduct the applicant the ap	uitable title to those rights in th		Office CF	0					
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	a crime for any p	erson knowingly and	willfully to ma	ake to any department or	agency of the United			

Additional data for EC transaction #394110 that would not fit on the form

5. Lease Serial No., continued

NMNM53229 NMNM94651

Wells/Facilities, continued

Agreement NMNM94651	Lease NMNM94651	Well/Fac Name, Number API Number CEDAR CANYON 28 FEDERAL 6H30-015-43234-00-S1
NMNM94651	NMNM94651	CEDAR CANYON 27 FEDERAL 7H30-015-43233-00-S1
NMNM94651	NMNM94651	CEDAR CANYON 29 FEDERAL 3H30-015-42993-00-S1
NMNM94651	NMNM94651	CEDAR CANYON 27 FEDERAL 6H30-015-43232-00-S1
NMNM94651	NMNM94651	CEDAR CANYON 28 FEDERAL 7H30-015-43238-00-S1
NMNM94651	NMNM94651	CEDAR CANYON 29 FEDERAL 2180-015-43601-01-S1
NMNM94651	NMNM94651	CEDAR CANYON 28 FEDERAL 9H30-015-44016-00-S1
NMNM94651	NMNM94651	CEDAR CANYON 27-28 FEDERAL3030115-44437-00-X1
NMNM94651	NMNM94651	CEDAR CANYON 27-28 FEDERAL3646/15-44438-00-X1
NMNM53229	NMNM53229	CEDAR CANYON 29 FEDERAL 2680-015-44523-00-X1
NMNM53229	NMNM53229	CEDAR CANYON 29 FEDERAL COM-245-44521-00-X1
NMNM53229	NMNM53229	CEDAR CANYON 29 FEDERAL COM01-0:551-44522-00-X1
NMNM136824	NMNM94651	CEDAR CANYON 29 FEDERAL COM-01-6-42992-00-S1

Location
Sec 28 T24S R29E NESE 1820FSL 240FEL 32.185969 N Lat, 103.981228 W Lon Sec 28 T24S R29E NESE 1790FSL 240FEL 32.185887 N Lat, 103.981228 W Lon Sec 29 T24S R29E SENE 1990FNL 210FEL 32.190084 N Lat, 103.981228 W Lon Sec 29 T24S R29E NESE 1850FSL 240FEL 32.186051 N Lat, 103.981228 W Lon Sec 28 T24S R29E NESE 1760FSL 240FEL 32.186051 N Lat, 103.981228 W Lon Sec 29 T24S R29E SENE 1989FNL 150FEL 32.190086 N Lat, 103.981228 W Lon Sec 29 T24S R29E SENE 1999FNL 150FEL 32.190086 N Lat, 103.998072 W Lon Sec 29 T24S R29E SENE 1999FNL 120FEL 32.190205 N Lat, 103.998463 W Lon Sec 29 T24S R29E SENE 1990FNL 120FEL 32.184570 N Lat, 103.999580 W Lon Sec 29 T24S R29E SESE 1275FSL 465FEL 32.184490 N Lat, 103.999580 W Lon Sec 29 T24S R29E NWSW 1610FSL 420FWL 32.185562 N Lat, 104.013802 W Lon Sec 29 T24S R29E NWSW 1670FSL 420FWL 32.185646 N Lat, 104.013802 W Lon Sec 29 T24S R29E NWSW 1640FSL 420FWL 32.185646 N Lat, 104.013802 W Lon Sec 29 T24S R29E NWSW 1640FSL 420FWL 32.185646 N Lat, 104.013802 W Lon Sec 29 T24S R29E NWSW 1640FSL 420FWL 32.185646 N Lat, 104.013802 W Lon Sec 29 T24S R29E NENE 200FNL 319FEL 32.194454 N Lat, 103.998682 W Lon

10. Field and Pool, continued

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

32. Additional remarks, continued

All 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.

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.

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.

Cedar Canyon 27 Federal 6H 30-015-43232
Cedar Canyon 27 Federal 7H 30-015-43233
Cedar Canyon 28 Federal 7H 30-015-43234
Cedar Canyon 28 Federal 6H 30-015-43234
Cedar Canyon 28 Federal 7H 30-015-43238
Cedar Canyon 29 Federal 9H 30-015-44016
Cedar Canyon 29 Federal Com 2H 30-015-42992
Cedar Canyon 29 Federal 3H 30-015-42993
Cedar Canyon 29 Federal 21H 30-015-43601
Cedar Canyon 27-28 Fed Com 44H 30-015-44437
Cedar Canyon 29 Fed Com 24H 30-015-44438
Cedar Canyon 29 Fed Com 25H 30-015-44521
Cedar Canyon 29 Fed Com 25H 30-015-44522
Cedar Canyon 29 Federal 26H 30-015-44523

APPLICATION FOR POOL AND LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES AND STORAGE Commingling proposal for Cedar Canyon 28 Federal 4 Battery

OXY USA INC requests to amend previously approved NMOCD commingle order PC-1301. Cedar Canyon 27-28 Fed Com 43H and 44H, and Cedar Canyon 29 Fed Com 24H, 25H and 26H are added to the permit.

The oil production from all of the facilities and wells listed below will flow to the Cedar Canyon 28 Federal 4 battery (Lat 32.186, Long -103.992) where it will be measured through two LACT meters (S/N 14667144 and 14667145), 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 will be separated and measured through an Oxy check meter (S/N 300039-19), which will serve as the FMP. Gas will then be sent to sales.

All 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.

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 28 Federal 4 Battery:

Federal Lease NMNM94651 (12.5% Royalty Rate). POOL: PIERCE CROSSING; BONE SPRING, EAST (96473)

Well Name	АРІ	Surface Location	Pool	Date Online	Oil (bpd)	Gravity	Gas (MSCFD)	BTU/cf	Water (bpd)
Cedar Canyon 27 Federal 6H	30-015-43232	I-28-24S-29E	PIERCE CROSSING; BONE SPRING, EAST	12/20/2015	163	43.5	304	1283	230
Cedar Canyon 27 Federal 7H	30-015-43233	I-28-24S-29E	PIERCE CROSSING; BONE SPRING, EAST	01/15/2016	150	44.3	530	1335	192
Cedar Canyon 28 Federal 6H	30-015-43234	1-28-24S-29E	PIERCE CROSSING; BONE SPRING, EAST	12/20/2015	135	43.4	424	1319	315
Cedar Canyon 28 Federal 7H	30-015-43238	1-28-24S-29E	PIERCE CROSSING; BONE SPRING, EAST	01/15/2016	133	43.7	517	1335	262
Cedar Canyon 28 Federal 9H	30-015-44016	H-29-24S-29E	PIERCE CROSSING; BONE SPRING, EAST	04/17/2017	558	41.1	1825	1324	0

Federal CA NMNM136824 ! ease (NMNM94651 & NMNM121952) (12.5% Royalty Rate)

POOL: PIERCE CROSSING; BONE SPRING (50371)

IERCE CROSSING;BONE SPRING 01/06/2017	A-29-24S-29E	30-015-42992	Cedar Canyon 29 Federal Com 2H
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Federal Lease NMNM94651 (12.5% Royalty Rate). POOL: PIERCE CROSSING; BONE SPRING (50371)

Cedar Canyon 29 Federal 3H	30-015-42993	H-29-24S-29E	PIERCE CROSSING; BONE SPRING	04/17/2017	291	42.1	985	1415	4	l
Cedar Canyon 29 Federal 21H	30-015-43601	H-29-24S-29E	PIERCE CROSSING;BONE SPRING	04/15/2017	500	41.6	1374	1332	0	I

Federal CA PENDING Lease NMNM94651 (12.5% Royalty Rate)

POOL: PURPLE SAGE; WOLFCAMP (98220)

Cedar Canyon 27-28 Fed Com 43H	30-015-44437	P-29-24S-29E	PURPLE SAGE;WOLFCAMP (GAS)	Est. 12/20/2017	967#	43	3852#	1300	2902#
Cedar Canyon 27-28 Fed Com 44H	30-015-44438	P-29-24S-29E	PURPLE SAGE; WOLFCAMP (GAS)	Est. 12/20/2017	967#	43	3852#	1300	2902#

Federal CA PENDING Lease (NMNM53229 & NMNM54289) (12.5% Royalty Rate)

POOL: PIERCE CROSSING; BONE SPRING (50371)

Cedar Canyon 29 Fed Com 24H	30-015-44521	L-29-245-29E	PIERCE CROSSING; BONE SPRING	Est. 1/31/2018	545#	42	1293#	1375	537#
Cedar Canyon 29 Fed Com 25H	30-015-44522	L-29-24S-29E	PIERCE CROSSING; BONE SPRING	Est. 1/31/2018	545#	42	1293#	1375	537#

Federal Lease NMNM53229 (12.5% Royalty Rate)

POOL: PIERCE CROSSING; BONE SPRING (50371)

1				/0. /			4000		I !
Cedar Canvon 29 Federal 26H	30-015-44523	L-29-24S-29E	PIERCE CROSSING:BONE SPRING	lEst. 1/31/2018	545#	42	1293#	1375	537#
CCddi Cdiiyon Es i CdCidi Edii	1 20 023 1 322		1 121102 0110001110,00112 01 111110		0 .0	• • • • •		,,	1 33

Represents wells not yet drilled, values are estimated

Production at the Cedar Canyon 28 Federal 4 battery will be separated and measured through a 10' X 40' three-phase separator. Oil production will flow to seven oil storage tanks before being pumped through two LACT meters (S/N 14667144 and 14667145), which serve as the FMP, then sent to sales.

For testing purposes, the facility will be equipped with three permanent 6' x 20' three-phase test separators. Each test vessel will be equipped with oil turbine meters (S/N 12096149812, S/N 12094649215, S/N 12096149804), gas orifice meters (S/N 121742, S/N 121440, S/N 121612), and water turbine meters (S/N 12096625405, S/N 12096150006, S/N 12096150016). In addition, the facility can add three portable 6' X 20' three-phase test separators as needed for well testing frequency requirements. Meter numbers TBD.

Cedar Canyon 27 Federal 6H and 7H, and Cedar Canyon 28 Federal 6H and 7H 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.

Cedar Canyon 28 Federal 9H, Cedar Canyon 29 Fed Com 2H, and Cedar Canyon 29 Federal 3H and 21H have been on production for over 6 months and are in Range 2 decline. They are tested at least twice per month. When Range 3 decline is encountered, they will be tested at least once per month, as specified in Hearing Order R-14299.

Cedar Canyon 27-28 Fed Com 43H and 44H, Cedar Canyon 29 fed Com 24H and 25H and Cedar Canyon 29 Federal 26H 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 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. Wells will be tested at least once per month when Range 3 of decline is started, as specified in Hearing Order R-14299.

All currently producing wells are on gas lift. Each well has a gas lift meter at the respective well pad to measure the amount of gas used for lift operations. All compressors used for gas lift are gas-driven. The table below details the gas lift meter numbers for each well and the compressor well groupings. 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.
SHARE 3 COMPF	RESSORS
Cedar Canyon 27 Federal 6H	14960
Cedar Canyon 27 Federal 7H	14958।
Cedar Canyon 28 Federal 6H	14959
Cedar Canyon 28 Federal 7H	14957 I
SHARE 3 COMPF	RESSORS
Cedar Canyon 28 Federal 9H	14863
Cedar Canyon 29 Federal 3H	14860
Cedar Canyon 29 Federal 21H	14862
INDIVIDUAL COM	IPRESSOR
Cedar Canyon 29 Federal Com 2H	149751

Gas will be sent from the production and test separators to a 4' X 10' gas scrubber. It will then flow through an OXY gas check meter (S/N 300039-19), which will serve as the FMP, then sent to sales

All 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.

Additional Application Components:

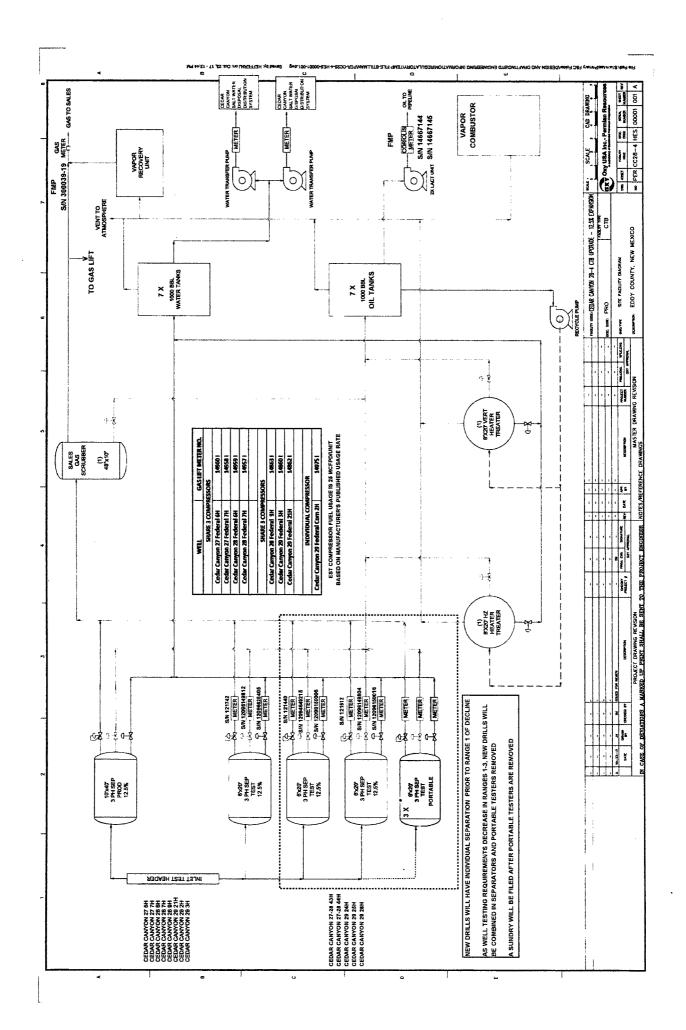
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

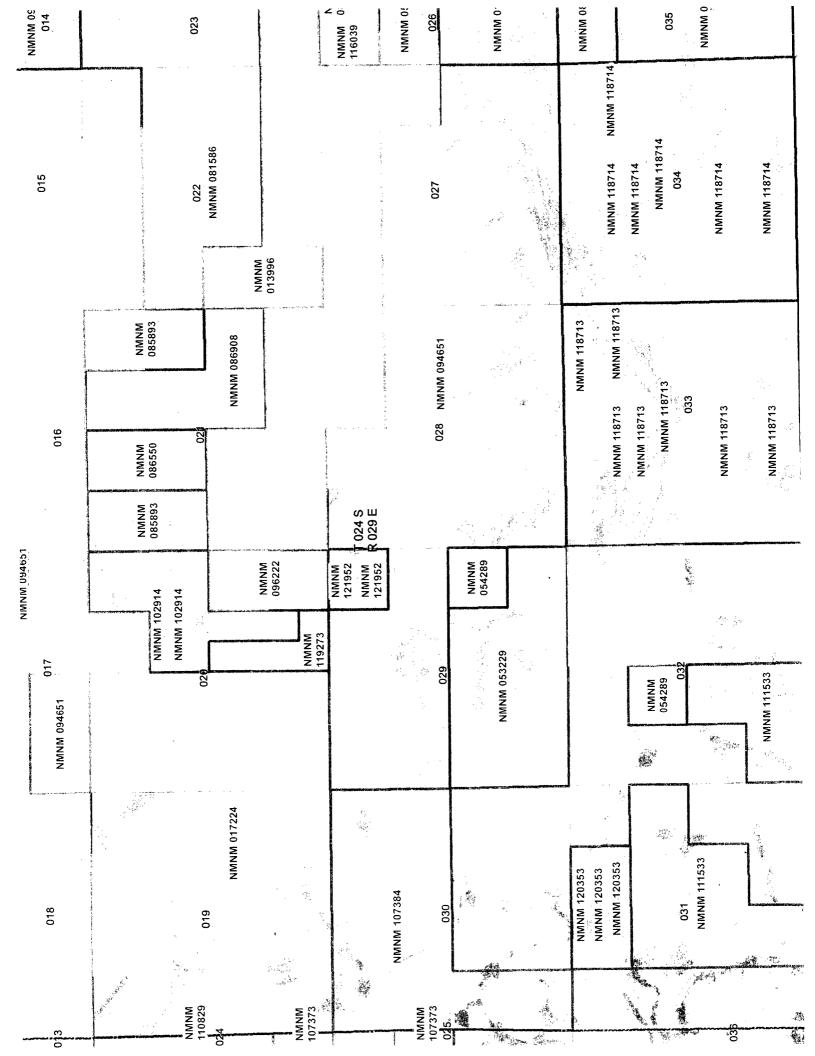
The working interest, royalty interest and overriding royalty interest owners have been notified of this proposal by certified mail (see attached).

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.

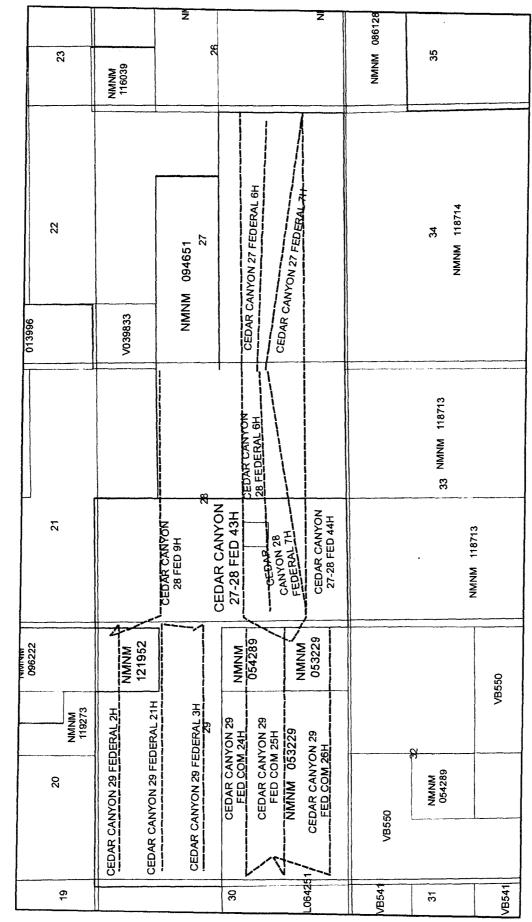
After completion of facility modifications, OXY will provide BLM with an updated facility diagram.

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.





Cedar Canyon 28 CTB Township 24 South, Range 29 East Eddy County, New Mexico



Legend
----- Cedar Canyon 28 Laterals
CC 28 CTB

Economic Justification Worksheet Cedar Canyon 28 Federal 4 Battery

		OIL GRAVITY @				-
WELLS	BOPD	60	VALUE/BBL	MCFD	DRY BTU	VALUE/MCF
Cedar Canyon 27 Federal 6H	163	43.5		304	1283	
Cedar Canyon 27 Federal 7H	150	44.3		530	1335	
Cedar Canyon 28 Federal 6H	135	43.4		424	1319	
Cedar Canyon 28 Federal 7H	133	43.7		517	1335	
Cedar Canyon 28 Federal 9H	558	41.1		1825	1324	
Cedar Canyon 29 Federal Com 2H	472	42.5		1139	1374	
Cedar Canyon 29 Federal 3H	291	42.1	\$49.00/bbl	985	1415	\$2.98/mcf
Cedar Canyon 29 Federal 21H	500	41.6		1374	1332	
Cedar Canyon 27-28 Fed Com 43H	967	43		3852	1300	
Cedar Canyon 27-28 Fed Com 44H	967	43		3852	1300]
Cedar Canyon 29 Fed Com 24H	545	42		1293	1375	
Cedar Canyon 29 Fed 25H	545	42		1293	1375	1
Cedar Canyon 29 Fed 26H	545	42		1293	1375	

Economic Combined Production

		WEIGHTED OIL			WEIGHTED	
BATTERY	BOPD	GRAVITY @ 60	VALUE/BBL	MCFD	DRY BTU	VALUE/MCF
Cedar Canyon 28 Federal 4	5971	42.4	\$49.00/bbl	18681	1333	\$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.



5 Greenway Plaza, Suite 110, Houston, Texas 77046 P.O. Box 4294, Houston, Texas 77210-4294 Direct: 713,366.5106 Sandra_Musallam@oxy.com

November 1, 2017

<u>CERTIFIED MAIL</u> <u>RETURN RECEIPT REQUESTED</u>

Re:

Request for Pool and Lease Commingling, Off-lease Measurement, Sales, & Storage for the

Cedar Canyon 28 Federal 4 Battery

Leases: NM 94651, NM 121952, NM 53229, NM 54289

Eddy County, New Mexico

To Whom It May Concern:

This is to advise you that OXY USA INC is filing an application for surface commingling to amend previously approved NMOCD PC-1301. A copy of the application submitted to the Division is attached.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.

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.

For questions regarding this application, please contact Sandra Musallam at (713) 366-5106.

Respectfully,

OXY USA INC

Sandra Musallam

Regulatory Engineer

Sandra_Musallam@oxy.com

Johan Much

OWNER NAME	ADDRESS	CITY	STATE	dIZ	TRACKING
ARD TRUST, MARY HUDSON	222 W 4TH STREET PH-5	FORT WORTH	ΧŢ	76102	7017 1450 0002 2915 1634
CAVENAUGH, JAMES STEPHENS	95 MARLBOROUGH RD.	ROCHESTER	Ν¥	14619	7017 1450 0002 2915 1641
COFFIELD, MONA L	465 CAMINO MANZANO	SANTA FE	ΣN	87505	7017 1450 0002 2915 1658
COFFMAN, THOMAS D	P O BOX 1966	AUSTIN	TX	78767	7017 1450 0002 2915 1665
EMG REVOC TRUST	1000 W FOURTH STREET	ROSWELL	NM	88201	7017 1450 0002 2915 1672
ENFIELD REV TRUST, ROBERT N	P O BOX 40909	AUSTIN	ΤX	78704	7017 1450 0002 2915 1689
GROOMS SSP TRUST, F ANDREW	P O BOX 2990 RUIDOSO	RUIDOSO	NΜ	88355	7017 1450 0002 2915 1696
HUDSON ESTATE,JOSEPHINE T	616 TEXAS STREET	FORT WORTH	ΤX	76102	7017 1450 0002 2915 1702
HUDSON JR,EDWARD R	616 TEXAS STREET	FORT WORTH	ΣL	76102	7017 1450 0002 2915 1719
JAVELINA PARTNERS	616 TEXAS STREET	FORT WORTH	ΤX	76102	7017 1450 0002 2915 1726
LEWIS LVG TRUST, DELMAR HUDSON	P O DRAWER 840738	DALLAS	ΧT	75284	7017 1450 0002 2915 1733
LINDYS LIVING TRUST	4200 S HULEN SUITE 302	FORT WORTH	TX	76109	7017 1450 0002 2915 1740
MARTIN,C D	P O BOX 12	MIDLAND	ΧT	79702	7017 1450 0002 2915 1757
MINERALS MANAGEMENT SERVICE	PO BOX 25627	DENVER	00	80225	7017 1450 0002 2915 1764
NUNNALLY,CAROLYN ANN	3553 GREEN MEADOWS DR	GLEN ROSE	ТX	76043	7017 1450 0002 2915 1771
PREMIER OIL & GAS, INC	P O BOX 1246	ARTESIA	NM	88210	7017 1450 0002 2915 1788
PRESBYTERIAN CHURCH USA A CORP	P O BOX 3480	ОМАНА	NE	68103	7017 1450 0002 2915 1795
PROBANDT TRUST, JEANETTE	P O BOX 5575	MIDLAND	ТX	79704	7017 1450 0002 2915 1801
ZORRO PARTNERS	616 TEXAS STREET	FORT WORTH	ΧL	76102	7017 1450 0002 2915 1818
ESCONDIDO OIL & GAS	PO BOX 51390	MIDLAND	ΧŢ	79710	7017 1450 0002 2915 1979
EDWIN GRAHAM, III	PO BOX 630	GRAHAM	ΧT	76046	7017 1450 0002 2915 1962
MARY ELLEN HUGUS	610 ROSEMONT PLACE II	TYLER	ΧT	75701	7017 1450 0002 2915 1955
BYPASS TRUST UTW SCOTT EVANS WILSON	4601 MIRADOR DR	AUSTIN	TX	78735	7017 1450 0002 2915 1948
FAMILY TRUST UTW RICHARD KEVIN BARR	8027 CHALK KNOLL DR	AUSTIN	ΧŢ	78735	7017 1450 0002 2915 1931
LE OPPERMAN	1505 NEELY	MIDLAND	ΧT	79705	7017 1450 0002 2915 1924
AMERICAN INDIAN YOUTH - RUNNING STRONG	8301 RICHMOND HWY, SUITE 200	ALEXANDRIA	٧A	22309	7017 1450 0002 2915 1917
EASTLAND OIL COMPANY	PO BOX 3488	MIDLAND	¥	79702	7017 1450 0002 2915 1900
LES R HONEYMAN	406 SKYWOOD CIR	MIDLAND	Ϋ́	79705	7017 1450 0002 2915 1894
THE JOHN SALEH CHARITABLE FOUNDATION	PO BOX 40909	AUSTIN	Ϋ́	78704	7017 1450 0002 2915 1887
MORRIS E SCHERTZ	PO DRAWER 2588	ROSWELL	MΝ	88202	7017 1450 0002 2915 1825
ROLLA R HINKLE, II	303 COAL	RUIDOSO	NM	88345	7017 1450 0002 2915 1832
THOMAS R SMITH	5705 PINEHURST	FARMINGTON	ΣN	87402	7017 1450 0002 2915 1849
BLM	PO BOX 25627	DENVER	8	80225	7017 1450 0002 2915 1856
BETTIS BROTHERS LP	500 WEST TEXAS SUITE 830	MIDLAND	¥	79701	7017 1450 0002 2915 1863
RKI EXPLORATION & PRODUCTION LLC	25061 NETWORK PL	CHICAGO	1	60673	7017 1450 0002 2915 1870

Run Time: 08:19 AM

Page 1 of 2

Run Date:

10/25/2017

(MASS) Serial Register Page

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

Case Type 318310: O&G COMMUNITZATION AGRMT

Commodity 459: OIL & GAS Case Disposition: AUTHORIZED **Total Acres** 160.000

Serial Number

NMNM-- - 136824

Serial Number: NMNM-- - 136824

Int Rel % Interest Name & Address 620 E GREENE ST OFFICE OF RECORD

BLM CARLSBAD FO OXY USA INC

PO BOX 4294

CARLSBAD NM 88220 HOUSTON TX 772104294

OPERATOR

0.000000000 100.000000000

Serial Number: NMNM-- - 136824

Mer Twp Rng Sec STyp SNr Suff Subdivision 23 0240S 0290E 029 ALIQ N2N2;

District/Field Office CARLSBAD FIELD OFFICE

County EDDY

Mgmt Agency BUREAU OF LAND MGMT

Serial Number: NMNM-- - 136824

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/		
01/06/2017	654	AGRMT PRODUCING	/1/		
01/06/2017	658	MEMO OF 1ST PROD-ACTUAL	/1/30-015-42992		
03/07/2017	334	AGRMT APPROVED			
03/07/2017	643	PRODUCTION DETERMINATION	/1/		

Serial Number: NMNM-- - 136824 Line Nr Remarks

0001	/A/	RECAPITULATION EFF	ECTIVE 11/01/2016	
0002	TR#	LEASE SERIAL NO	AC COMMITTED	% INTEREST
0003	1	NMNM 121952	40.00	25.00
0004	2	NMNM 94651	120.00	75.00
0005		TOT	AL 160.00	100.00

08:38 AM Run Time:

Page 1 of 3

Run Date:

12/27/2016

(MASS) Serial Register Page

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

Case Type 311211: O&G LSE SIMO PUBLIC LAND

Commodity 459: OIL & GAS Case Disposition: AUTHORIZED

Total Acres 1,400.000 Serial Number

NMNM-- - 094651

Serial Number: NMNM-- - 094651

Name & Address			Int Rel	% Interest
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS	0.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	LESSEE	100.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.00000000
PHILLIPS 66 NAT GAS	4001 PENBROOK #324	ODESSA TX 79762	OPERATING RIGHTS	0.000000000
PXP PRODUCING CO LLC	717 TEXAS ST STE 2100	HOUSTON TX 770022753	OPERATING RIGHTS	0.00000000
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

Serial Number: NMNM-- - 094651

Mer Twp Rng Sec	STyp	SNr Suff Subdivision	District/Field Office	County	Mgmt Agency
23 02405 0290E 017	ALIQ	S2SW,NESE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 02405 0290E 027	ALIQ	SWNE,S2NW,S2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0290E 028	ALIQ	S2NE,W2,SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0290E 029	ALIQ	SENE,W2NE,NW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 094651

Act Date	Code	Action	Action Remark	Pending Office
09/24/1972	387	CASE ESTABLISHED	SPAR54;	
09/25/1972	888	DRAWING HELD		
12/01/1972	496	FUND CODE	05;145003	
12/01/1972	530	RLTY RATE - 12 1/2%		
12/01/1972	868	EFFECTIVE DATE		
01/23/1995	553	CASE CREATED BY ASGN	OUT OF NMNM17224;	
01/23/1995	932	TRF OPER RGTS FILED	SIETE/POGO	
01/23/1995	974	AUTOMATED RECORD VERIF	всо/л	V
02/08/1995	600	RECORDS NOTED		
02/23/1995	963	CASE MICROFILMED/SCANNED	JD	S
04/19/1995	933	TRF OPER RGTS APPROVED	EFF 02/01/95;	
04/19/1995	974	AUTOMATED RECORD VERIF	MV/MV	
09/20/1995	575	APD FILED		
10/03/1995	575	APD FILED		
10/19/1995	575	APD FILED		
11/13/1995	084	RENTAL RECEIVED BY ONRR	\$700.00;21/00000028	3
11/13/1995	576	APD APPROVED	#1 CEDAR CANYON "28"	
11/13/1995	576	APD APPROVED	#2 CEDAR CANYON "27"	
11/13/1995	576	APD APPROVED	#2 CEDAR CANYON "28"	
11/13/1995	576	APD APPROVED	#3 CEDAR CANYON "28"	
11/29/1995	576	APD APPROVED	1 FEDERAL 17	
12/29/1995	650	HELD BY PROD - ACTUAL	/1/	
03/06/1996	576	APD APPROVED	3-CEDAR CANYON 27 FE	D
03/07/1996	576	APD APPROVED	1-CEDAR CANYON 29 FE	D
05/13/1996	643	PRODUCTION DETERMINATION	/1/	
05/13/1996	658	MEMO OF 1ST PROD-ACTUAL	/1/1;	
07/08/1996	932	TRF OPER RGTS FILED	SIETE/ST MARY LAND	

Run Time: 08:39 AM

Page 1 of 1

Run Date:

12/27/2016

(MASS) Serial Register Page

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

Total Acres

Serial Number

Commodity 459:

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

40,000

NMNM-- - 121952

OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 121952

Int Rel % interest Name & Address **OXY USA INC** HOUSTON TX 772277570 LESSEE 80.000000000 PO BOX 27570 **OXY Y-1 COMPANY HOUSTON TX 772277570** LESSEE 20.000000000 PO BOX 27570

Serial Number: NMNM-- - 121952

Mer Twp Rng Sec **SNr Suff Subdivision** District/Field Office County STyp Mgmt Agency 23 02405 0290E 029 **BUREAU OF LAND MGMT** ALIQ NENE; CARLSBAD FIELD OFFICE **EDDY**

Serial Number: NMNM-- - 121952

Serial Number: NMNM-- - 121952

Code	Action	Action Remark	Pending Office
387	CASE ESTABLISHED	200901036;	
299	PROTEST FILED	Wild Earth Guardians	
191	SALE HELD		
267	BID RECEIVED	\$112000.00;	
298	PROTEST DISMISSED		
237	LEASE ISSUED		
974	AUTOMATED RECORD VERIF	BTM	
496	FUND CODE	05;145003	
530	RLTY RATE - 12 1/2%		
868	EFFECTIVE DATE		
940	NAME CHANGE RECOGNIZED	YATES DRL CO/OXY Y-1	
140	ASGN FILED	YATES PETRO/OXY USA;1	
139	ASGN APPROVED	EFF 01/01/16;	
974	AUTOMATED RECORD VERIF	JA	
791	TERMINAT'N NOTICE ISSUED	CLASS II;	
974	AUTOMATED RECORD VERIF	LBO	
792	TERMINATION VACATED	CLASS II;	
763	EXPIRES		
	387 299 191 267 298 237 974 496 530 868 940 140 139 974 791 974	387 CASE ESTABLISHED 299 PROTEST FILED 191 SALE HELD 267 BID RECEIVED 298 PROTEST DISMISSED 237 LEASE ISSUED 974 AUTOMATED RECORD VERIF 496 FUND CODE 530 RLTY RATE - 12 1/2% 868 EFFECTIVE DATE 940 NAME CHANGE RECOGNIZED 140 ASGN FILED 139 ASGN APPROVED 974 AUTOMATED RECORD VERIF 791 TERMINAT'N NOTICE ISSUED 974 AUTOMATED RECORD VERIF 792 TERMINATION VACATED	CASE ESTABLISHED 200901036; 299 PROTEST FILED Wild Earth Guardians 191 SALE HELD 267 BID RECEIVED \$112000.00; 298 PROTEST DISMISSED 237 LEASE ISSUED 974 AUTOMATED RECORD VERIF BTM 496 FUND CODE 05;145003 530 RLTY RATE - 12 1/2% 868 EFFECTIVE DATE 940 NAME CHANGE RECOGNIZED YATES DRL CO/OXY Y-1 140 ASGN FILED YATES PETRO/OXY USA;1 139 ASGN APPROVED EFF 01/01/16; 974 AUTOMATED RECORD VERIF JA 791 TERMINAT'N NOTICE ISSUED CLASS II; 974 AUTOMATED RECORD VERIF LBO 792 TERMINATION VACATED CLASS II;

Line Nr Remarks 0002 STIPULATIONS ATTACHED TO LEASE: 0003 NM-11-LN SPECIAL CULTURAL RESOURCE 0004 SENM-LN-1 CAVE - KARST OCCURRENCE AREA 0005 SENM-S-19 PLAYAS AND ALKALI LAKES 01/15/2016 - RENTAL PAID 05/01/2015 - 04/30/2016; 0006

Run Time: 08:22 AM

Page 1 of 4

Run Date:

10/25/2017

(MASS) Serial Register Page

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

Total Acres

Serial Number

Commodity 459: OIL & GAS

Case Type 311211: O&G LSE SIMO PUBLIC LAND

80.000

Case Disposition: AUTHORIZED

NMNM-- - 054289

Serial Number: NMNM-- - 054289

Name & Address			int Rei	% Interest
CHISHOLM ENERGY AGENT INC	801 CHERRY ST STE 1200 UNIT 20	FORT WORTH TX 761026825	OPERATING RIGHTS	0.000000000
CHISHOLM ENERGY OPERATING LLC	801 CHERRY ST STE 1200	FORT WORTH TX 761026825	OPERATING RIGHTS	0.000000000
EAU ROUGE LLC	PO BOX 823085	DALLAS TX 753823085	OPERATING RIGHTS	0.00000000
EOG RESOURCES INC	333 CLAY ST #4200	HOUSTON TX 77002	LESSEE	100.000000000
FRED M NELSON FARMS	3755 E GRAND PLAINS	ROSWELL NM 88201	OPERATING RIGHTS	0.00000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
REISCHMAN ANNA A	1320 W FOURTH ST	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000
REISCHMAN L J HEIRS	BOX 2527	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
RKI EXPLORATION & PRODUCTION LLC	3500 ONE WILLIAMS CTR	TULSA OK 741720135	OPERATING RIGHTS	0.00000000
SMITH KENNETH J	BOX 2527	ROSWELL NM 88202	OPERATING RIGHTS	0.00000000
XTO ENERGY INC	810 HOUSTON ST	FORT WORTH TX 761026203	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 054289

Mer Twp Rng Sec	STyp	SNr Suff_Subdivision_	District/Field Office	County	Mgmt Agency
23 0240S 0290E 029	ALIQ	NESE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0290E 032	ALIQ	SENW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 054289

Act Date	Code	Action	Action Remark	Pending Office
08/17/1982	387	CASE ESTABLISHED	SPAR194;	
08/18/1982	888	DRAWING HELD		
02/24/1983	237	LEASE ISSUED		
03/01/1983	496	FUND CODE	05;145003	
03/01/1983	530	RLTY RATE + 12 1/2%		
03/01/1983	868	EFFECTIVE DATE		
03/26/1984	932	TRF OPER RGTS FILED		
09/04/1984	140	ASGN FILED	(1)	
09/04/1984	140	ASGN FILED	(2)	
12/03/1984	269	ASGN DENIED	(1)	
12/03/1984	269	ASGN DENIED	(2)	
12/12/1984	963	CASE MICROFILMED/SCANNED	CNUM 551,056	GLC
01/07/1985	933	TRF OPER RGTS APPROVED	EFF 04/01/84;	
01/28/1985	140	ASGN FILED	C GREEN/EASTLAND	
01/28/1985	140	ASGN FILED	EASTLAND/E RES INC	
01/28/1985	140	ASGN FILED	EASTLAND/EASTLAND	
02/22/1985	139	ASGN APPROVED	EFF 02/01/85;1	
02/22/1985	139	ASGN APPROVED	EFF 02/01/85;2	
02/22/1985	139	ASGN APPROVED	EFF 02/01/85;3	
02/28/1985	111	RENTAL RECEIVED	\$0;85-86	
11/01/1985	315	RENTAL RATE DET/ADJ	\$2.00;	
01/13/1986	111	RENTAL RECEIVED	\$0;86-87	
12/19/1986	932	TRF OPER RGTS FILED		
01/27/1987	111	RENTAL RECEIVED	\$160.00;1YR/87-88	
02/11/1987	933	TRF OPER RGTS APPROVED	EFF 01/01/87;	

Run Time: 08:21 AM

Page 1 of 3

Run Date:

10/25/2017

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

(MASS) Serial Register Page

Total Acres

Serial Number

Case Type 311211: O&G LSE SIMO PUBLIC LAND Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

280.000 NMNM-- - 053229

Serial Number: NMNM-- - 053229

Name & Address			Int Rel	% Interest
EOG RESOURCES INC	333 CLAY ST #4200	HOUSTON TX 77002	LESSEE	100.000000000
KAY JAY OIL	PO BOX 1306	ARTESIA NM 88211	OPERATING RIGHTS	0.00000000
KAY JAY OIL CO	BOX 568	ARTESIA NM 88210	OPERATING RIGHTS	0.000000000
LEVI OIL & GAS LLC	PO BOX 568	ARTESIA NM 882110568	OPERATING RIGHTS	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.00000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS	0.00000000
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	0.00000000
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	0.00000000
ST MARY LAND & EXPL	1776 LINCOLN ST #1100	DENVER CO 802031080	OPERATING RIGHTS	0.000000000
XTO ENERGY INC	810 HOUSTON ST	FORT WORTH TX 761026203	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 053229

Mer Twp Rng Sec	STyp	SNr Suff Subdivision	District/Field Office	County	Mgmt Agency	
23 02405 0290F 029	ALIO	SW W2SE SESE:	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT	

Serial Number: NMNM-- - 053229

Act Date	Code	Action	Action Remark	Pending Office
04/11/1982	387	CASE ESTABLISHED	SPAR976;	
04/12/1982	888	DRAWING HELD		
07/28/1982	237	LEASE ISSUED		
08/01/1982	496	FUND CODE	05;145003	
08/01/1982	530	RLTY RATE - 12 1/2%		
08/01/1982	868	EFFECTIVE DATE		
09/13/1982	140	ASGN FILED	WILLIAMS/HNG OIL CO	
09/29/1982	139	ASGN APPROVED	EFF 10/01/82;	
03/21/1984	909	BOND ACCEPTED	EFF 03/21/84;NM0402	
06/28/1984	111	RENTAL RECEIVED	\$0;84-85	
07/01/1985	111	RENTAL RECEIVED	\$0;85-86	
08/07/1985	500	GEOGRAPHIC NAME	UNDEFINED FLD;	
08/07/1985	510	KMA CLASSIFIED		
11/01/1985	315	RENTAL RATE DET/ADJ	\$2.00;	
11/12/1985	963	CASE MICROFILMED/SCANNED	CNUM 554,380 AC	
06/26/1986	111	RENTAL RECEIVED	\$0;86-87	
07/06/1987	111	RENTAL RECEIVED	\$0;87-88	
09/21/1987	817	MERGER RECOGNIZED	BELNORTH/ERON O&G	
02/03/1988	974	AUTOMATED RECORD VERIF	EB/RAYC	
07/08/1988	111	RENTAL RECEIVED	\$560.00;1YR/88-89	
07/07/1989	059	ONRR REFUND	\$280.00;71	
07/07/1989	111	RENTAL RECEIVED	\$280.00;1YR/89~90	
07/09/1990	059	ONRR REFUND	\$280.00;71	
07/09/1990	111	RENTAL RECEIVED	\$560.00;24/20957	
07/01/1991	059	ONRR REFUND	\$303.33;71	
07/01/1991	111	RENTAL RECEIVED	\$560.00;24/23983	

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 WTP LP December 12, 2017 Condition of Approval

Commingling of lease/CA production, Pool and Off lease Storage, Measurement, & Sales of production

- 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.
- 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 Onshore Order #5 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 and/or leases require additional commingling approvals.
- 10. Notify this office 24 Hrs. prior to any meter 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.

Well Name, Number	API Numbers
Cedar Canyon 27 Fed 6H, 7H	3001543232, 3001543233
Cedar Canyon 28 Fed 6H, 7H, 9H	3001543234, 3001543238, 3001544016
Cedar Canyon 29 Fed 3H, 21H	3001542993, 3001543601
Cedar Canyon 29 Fed Com 2H	3001542992
Cedar Canyon 27-28 Fed Com 43H, 44H	3001544437, 3001544438
Cedar Canyon 29 Fed Com 24H, 25H	3001544521, 3001544522
Cedar Canyon 29 Fed 26H	3001544523