

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
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.

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	2. Name of Operator OXY USA INC	8. Well Name and No. Multiple--See Attached
3a. Address MIDLAND, TX 79710	3b. Phone No. (include area code) Ph: 713 366 5106	9. API Well No. Multiple--See Attached
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		10. Field and Pool or Exploratory Area 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
☒ Notice of Intent	☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing ☐ Hydraulic Fracturing ☐ Reclamation ☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other
	☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon ☐ Surface Commingling
	☐ Convert to Injection ☐ Plug Back ☐ 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 recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

OXY USA INC requests to amend PLC-499 to add the wells listed below to the Sand Dunes South Corridor Central Tank Battery. All supporting documentation including table of wells, process flow, lease map and facility diagram is attached.

Wells to add:

PATTON MDP1 17 FEDERAL 171H - API 30-015-44989
PATTON MDP1 17 FEDERAL 172H - API 30-015-44990
PATTON MDP1 17 FEDERAL 173H - API 30-015-44991
PATTON MDP1 17 FEDERAL 174H - API 30-015-45077
PATTON MDP1 17 FEDERAL 175H - API 30-015-45078
PATTON MDP1 17 FEDERAL 176H - API 30-015-45079

Accepted For Record
NMOCD
4
1-31-19*THIS Approval Replaces EC# 403452 Approval 2/2/18*

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #430138 verified by the BLM Well Information System For OXY USA INC, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 08/10/2018 (18PP2454SE)	
Name (Printed/Typed) SANDRA MUSALLAM	Title REGULATORY ENGINEER
Signature (Electronic Submission)	Date 08/06/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>J. D. Whittaker</i>	Title <i>TLPET</i>	Date <i>12/13/18</i>
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 <i>CFO</i>

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 #430138 that would not fit on the form**5. Lease Serial No., continued**

NMNM82896
NMNM89172
NMNM89819
NMNM97133

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

NMNM137601
NMNM137685
NMNM137686
NMNM137687
NMNM137968
NMNM138291
NMNM138294
NMNM138295
NMNM138296
NMNM138992
NMNM138995
NMNM138996
NMNM138997

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 174H	30-015-45077-00-X1	Sec 17 T24S R31E NWNE 772FNL 1367FEL 32.222477 N Lat, 103.795723 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 175H	30-015-45078-00-X1	Sec 17 T24S R31E NWNE 772FNL 1332FEL 32.222477 N Lat, 103.795609 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 176H	30-015-45079-00-X1	Sec 17 T24S R31E NENE 772FNL 1297FEL 32.222477 N Lat, 103.795494 W Lon
NMNM137968	NMNM57273	PALLADIUM MDP1-7-6 FEDERAL 000M15H	30-015-44298-00-S1	Sec 7 T24S R31E SWSW 609FSL 682FWL 32.226265 N Lat, 103.823459 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 171H	30-015-44989-00-X1	Sec 17 T24S R31E NENW 374FNL 1545FWL 32.223564 N Lat, 103.803398 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 172H	30-015-44990-00-X1	Sec 17 T24S R31E NENW 374FNL 1580FWL 32.223564 N Lat, 103.803284 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 173H	30-015-44991-00-X1	Sec 17 T24S R31E NENW 374FNL 1615FWL 32.223564 N Lat, 103.803169 W Lon
NMNM82896	NMNM82896	NIMITZ MDP1 12 FEDERAL COM 000M15H	30-015-44528-00-X1	Sec 12 T24S R30E SESE 379FSL 778FEL 32.226185 N Lat, 103.828178 W Lon
NMNM82896	NMNM82896	NIMITZ MDP1 12 FEDERAL COM 000M15H	30-015-44529-00-X1	Sec 12 T24S R30E SESE 379FSL 868FEL 32.226185 N Lat, 103.828476 W Lon
NMNM82896	NMNM82896	NIMITZ MDP1 12 FEDERAL COM 000M15H	30-015-44527-00-X1	Sec 13 T24S R30E NENW 228FNL 2405FWL 32.224522 N Lat, 103.835136 W Lon
NMNM82896	NMNM82896	NIMITZ MDP1 13 FEDERAL COM 000M15H	30-015-44524-00-X1	Sec 13 T24S R30E NENW 258FNL 2405FWL 32.224442 N Lat, 103.835136 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 1H	30-015-44459-00-S1	Sec 8 T24S R31E SWSW 170FSL 846FWL 32.225060 N Lat, 103.805654 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 2H	30-015-44460-00-S1	Sec 8 T24S R31E SWSW 170FSL 906FWL 32.225060 N Lat, 103.805460 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 3H	30-015-44496-00-S1	Sec 8 T24S R31E SESW 432FSL 2232FWL 32.225780 N Lat, 103.801171 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 4H	30-015-44497-00-S1	Sec 8 T24S R31E SESW 432FSL 2292FWL 32.225780 N Lat, 103.800977 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 5H	30-015-44444-00-S1	Sec 8 T24S R31E SWSE 834FSL 1585FEL 32.226888 N Lat, 103.796428 W Lon
NMNM89172	NMNM89172	PATTON MDP1 17 FEDERAL 6H	30-015-44445-00-S1	Sec 8 T24S R31E SESE 427FSL 177FEL 32.225775 N Lat, 103.791876 W Lon
NMNM138992	NMNM82896	NIMITZ MDP1 12 FEDERAL COM 000M15H	30-015-44526-00-S1	Sec 12 T24S R30E SWSW 275FSL 102FWL 32.225925 N Lat, 103.842585 W Lon
NMNM138992	NMNM82896	NIMITZ MDP1 12 FEDERAL COM 000M15H	30-015-44580-00-S1	Sec 13 T24S R30E NENW 450FNL 1760FWL 32.223917 N Lat, 103.837225 W Lon
NMNM138995	NMNM82896	NIMITZ MDP1 12 FEDERAL COM 000M15H	30-015-44581-00-S1	Sec 13 T24S R30E NENW 474FNL 1778FWL 32.223851 N Lat, 103.837167 W Lon
NMNM138996	NMNM82896	NIMITZ MDP1 13 FEDERAL COM 000M15H	30-015-44498-00-S1	Sec 12 T24S R30E SESE 379FSL 838FEL 32.226186 N Lat, 103.828375 W Lon
NMNM138997	NMNM82896	NIMITZ MDP1 13 FEDERAL COM 000M15H	30-015-44525-00-S1	Sec 12 T24S R30E SESE 379FSL 808FEL 32.223186 N Lat, 103.828278 W Lon
NMNM137968	NMNM57273	PALLADIUM MDP1-7-6 FEDERAL 000M15H	30-015-44299-00-S1	Sec 7 T24S R31E SWSW 609FSL 742FWL 32.226265 N Lat, 103.823265 W Lon
NMNM137685	NMNM57273	PALLADIUM MDP1-7-6 FEDERAL 000M15H	30-015-44457-00-S1	Sec 18 T24S R31E NENW 169FNL 2225FWL 32.224128 N Lat, 103.818471 W Lon
NMNM137601	NMNM57273	PALLADIUM MDP1-7-6 FEDERAL 000M15H	30-015-44293-00-S1	Sec 7 T24S R31E SESE 293FSL 562FEL 32.225398 N Lat, 103.810207 W Lon
NMNM89819	NMNM89819	PATTON MDP1 18 FEDERAL 6H	30-015-43854-00-S1	Sec 18 T24S R31E NENE 150FNL 505FEL 32.224057 N Lat, 103.809539 W Lon
NMNM89819	NMNM89819	PATTON MDP1-18 FEDERAL 5H	30-015-44272-00-S1	Sec 18 T24S R31E NENE 150FNL 285FEL 32.224182 N Lat, 103.809311 W Lon
NMNM89819	NMNM89819	PATTON MDP1-18 FEDERAL 7H	30-015-44273-00-S1	Sec 18 T24S R31E NENE 150FNL 255FEL 32.224182 N Lat, 103.809212 W Lon
NMNM89819	NMNM89819	PATTON MDP1 18 FEDERAL 23H	30-015-44316-00-S1	Sec 18 T24S R31E NWNE 335FNL 2122FEL 32.223671 N Lat, 103.815254 W Lon
NMNM89819	NMNM89819	PATTON MDP1-18 FEDERAL 1H	30-015-44317-00-S1	Sec 7 T24S R31E SWSW 609FSL 712FWL 32.226265 N Lat, 103.823362 W Lon

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM89819	NMNM89819	PATTON MDP1 18 FEDER	10-035-44318-00-S	Sec 18 T24S R31E NWNE 335FNL 2092FEL 32.223671 N Lat, 103.815156 W Lon
NMNM89819	NMNM89819	PATTON MDP1-18 FEDER	10-015-44333-00-S	Sec 18 T24S R31E NENW 170FNL 1928FWL 32.224124 N Lat, 103.819432 W Lon
NMNM89819	NMNM89819	PATTON MDP1-18 FEDER	10-015-44337-00-S	Sec 18 T24S R31E NENW 170FNL 1898FWL 32.224124 N Lat, 103.819529 W Lon
NMNM89819	NMNM89819	PATTON MDP1 18 FEDER	10-035-44338-00-S	Sec 18 T24S R31E NWNE 335FNL 2062FEL 32.236717 N Lat, 103.815056 W Lon
NMNM137686	NMNM57273	PALLADIUM MDP1-7-6 FEDER	10-015-0075460-S	Sec 18 T24S R31E NENW 169FNL 2285FWL 32.224129 N Lat, 103.818275 W Lon
NMNM137687	NMNM57273	PALLADIUM MDP1-7-6 FEDER	10-015-0075460-S	Sec 7 T24S R31E SESE 293FSL 592FEL 32.225398 N Lat, 103.810304 W Lon
NMNM138291	NMNM63757	SUNRISE MDP1 8-5 FEDER	10-034-369-00-S	Sec 8 T24S R31E SWSW 170FSL 816FWL 32.225060 N Lat, 103.805751 W Lon
NMNM138291	NMNM63757	SUNRISE MDP1 8-5 FEDER	10-034-395-00-S	Sec 8 T24S R31E SWSW 170FSL 876FWL 32.225060 N Lat, 103.805557 W Lon
NMNM138294	NMNM29234	SUNRISE MDP1 8-5 FEDER	10-034-474-00-S	Sec 8 T24S R31E SESW 432FSL 2202FWL 32.225780 N Lat, 103.801268 W Lon
NMNM138295	NMNM031963	SUNRISE MDP1 8-5 FEDER	10-034-475-00-S	Sec 8 T24S R31E SESW 432FSL 2262FWL 32.225780 N Lat, 103.801074 W Lon
NMNM138296	NMNM031963	SUNRISE MDP1 8-5 FEDER	10-034-576-00-S	Sec 8 T24S R31E SWSE 834FSL 1555FEL 32.226888 N Lat, 103.796331 W Lon
NMNM138296	NMNM031963	SUNRISE MDP1 8-5 FEDER	10-034-573-00-S	Sec 8 T24S R31E SESE 457FSL 177FEL 32.225857 N Lat, 103.791876 W Lon

10. Field and Pool, continued

COTTON DRAW
 COTTON DRAW-BONE SPRING
 COTTONWOOD DRAW-BONE SPRING
 PURPLE SAGE-WOLFCAMP (GAS)
 UNKNOWN
 WOLFCAMP

APPLICATION FOR POOL AND LEASE COMMINGLED, OFF-LEASE MEASUREMENT, SALES AND STORAGE

Commingling proposal for Sand Dunes South Corridor Central Tank Battery

OXY USA INC respectfully requests to amend PLC-499 to add Patton MDP1 17 Federal #171, 172, 173, 174, 175 and 176. Wells feeding the Sand Dunes South Corridor Central Tank Battery are listed below.

POOL AND LEASE COMMINGLED - TRAIN #1

12.5% BLM ROYALTY - POOL: COTTON DRAW;BONE SPRING (13367) - COM AGREEMENTS PENDING

Lease Number	Well Name	API	Surface Location	DATE ONLINE	OIL (BPD)	Gravity API	GAS (MSCFD)	BTU/cf	WATER (BPD)
50% NMNM82896 50% NMNM97133	NIMITZ MDP1 12 FEDERAL 1H	30-015-44526	M-12-24S-30E	Jun-2018	2674	42.8	4031	1334	4999
50% NMNM82896 50% NMNM97133	NIMITZ MDP1 12 FEDERAL 2H	30-015-44580	C-13-24S-30E	Jun-2018	2600	42.8	3980	1265	4026
50% NMNM82896 50% NMNM97133	*NIMITZ MDP1 12 FEDERAL 8H	30-015-44527	C-13-24S-30E	EST MAR 2019	824	42.0	1627	1300	1396
50% NMNM82896 50% NMNM97133	NIMITZ MDP1 12 FEDERAL 9H	30-015-44581	C-13-24S-30E	Jun-2018	1731	42.8	2490	1274	3933
50% NMNM82896 50% NMNM120897	*NIMITZ MDP1 13 FEDERAL COM 1H	30-015-44524	C-13-24S-30E	EST FEB 2019	824	42.0	1627	1300	1396
75% NMNM82896 25% NMNM136214	*NIMITZ MDP1 13 FEDERAL COM 2H	30-015-44498	P-12-24S-30E	EST AUG 2018	824	42.0	1627	1300	1396
75% NMNM82896 25% NMNM136214	*NIMITZ MDP1 13 FEDERAL COM 3H	30-015-44525	M-07-24S-31E	EST AUG 2018	824	42.0	1627	1300	1396
CA NM137968 50% NMNM82904 50% NMNM57273	PALLADIUM MDP1 7-6 FEDERAL COM 1H	30-015-44298	M-07-24S-31E	Feb-2018	1459	40.8	2281	1337	3613
CA NM137968 50% NMNM82904 50% NMNM57273	PALLADIUM MDP1 7-6 FEDERAL COM 2H	30-015-44299	C-18-24S-31E	Feb-2018	1426	40.5	1985	1338	3744
CA NM137685 50% NMNM82904 50% NMNM57273	PALLADIUM MDP1 7-6 FEDERAL COM 3Y	30-015-44457	C-18-24S-31E	Dec-2017	1171	40.4	1776	1289	4646
CA NM137601 50% NMNM82904 50% NMNM57273	PALLADIUM MDP1 7-6 FEDERAL COM 6H	30-015-44293	M-08-24S-31E	Nov-2017	1381	41.6	1693	1325	3987
NMNM89172	PATTON MDP1 17 FEDERAL 1H	30-015-44459	N-08-24S-31E	Apr-2018	861	42.3	1057	1306	2492
NMNM89172	PATTON MDP1 17 FEDERAL 2H	30-015-44460	N-08-24S-31E	Apr-2018	795	41.9	1101	1278	2602
NMNM89172	PATTON MDP1 17 FEDERAL 3H	30-015-44496	N-08-24S-31E	Apr-2018	1036	41.1	1232	1289	4844
NMNM89172	PATTON MDP1 17 FEDERAL 4H	30-015-44497	O-08-24S-31E	Apr-2018	967	41.2	1101	1289	3195
NMNM89172	PATTON MDP1 17 FEDERAL 5H	30-015-44444	P-08-24S-31E	Mar-2018	520	41.6	791	1298	1626
NMNM89172	PATTON MDP1 17 FEDERAL 6H	30-015-44445	B-18-24S-31E	Mar-2018	846	41.6	1281	1274	1806

Lease Number	Well Name	API	Surface Location	DATE ONLINE	OIL (BPD)	Gravity API	GAS (MSCFD)	BTU/cf	WATER (BPD)
NMNM89819	PATTON MDP1 18 FED 23H	30-015-44316	B-18-24S-31E	Dec-2017	567	43.5	1018	1335	2552
NMNM89819	PATTON MDP1 18 FED 33H	30-015-44338	B-18-24S-31E	Dec-2017	430	43.2	2022	1330	473
NMNM89819	PATTON MDP1 18 FED 73H	30-015-44318	M-07-24S-31E	Dec-2017	417	42.8	881	1318	3505
NMNM89819	PATTON MDP1 18 FEDERAL 1H	30-015-44317	C-18-24S-31E	Feb-2018	508	41.5	768	1302	1316
NMNM89819	PATTON MDP1 18 FEDERAL 2H	30-015-44337	C-18-24S-31E	Dec-2017	651	41.5	1222	1321	2489
NMNM89819	PATTON MDP1 18 FEDERAL 3H	30-015-44333	A-18-24S-31E	Dec-2017	466	41.7	902	1324	2169
NMNM89819	PATTON MDP1 18 FEDERAL 5H	30-015-44272	A-18-24S-31E	Dec-2017	876	41.2	1773	1275	2377
NMNM89819	PATTON MDP1 18 FEDERAL 7H	30-015-44273	M-18-24S-31E	Dec-2017	1019	41.5	1584	1289	2519
CA NM138291 37.5% NMNM104730 12.5% NMNM82904 37.5% NMNM29234 12.5% NMNM63757	SUNRISE MDP1 8-5 FEDERAL COM 1H	30-015-44369	M-08-24S-31E	Mar-2018	1389	41.1	1519	1335	3646
CA NM138291 43.75% NMNM104730 6.25% NMNM82904 43.75% NMNM29234 6.25% NMNM63757	SUNRISE MDP1 8-5 FEDERAL COM 2H	30-015-44395	N-08-24S-31E	Mar-2018	1657	41.4	1915	1338	3902
CA NM138294 50% NMNM29234 50% NMNM104730	SUNRISE MDP1 8-5 FEDERAL COM 3H	30-015-44474	N-08-24S-31E	Apr-2018	1894	40.5	2405	1284	7266
CA NM138295 50% NMNM31963 50% NMNM104730	SUNRISE MDP1 8-5 FEDERAL COM 4H	30-015-44475	N-08-24S-31E	Apr-2018	1309	41.1	1779	1291	8090
9-NM 7296 50% NMNM31963 50% NMNM104730	SUNRISE MDP1 8-5 FEDERAL COM 5H	30-015-44476	N-08-24S-31E	Mar-2018	1510	41.0	1928	1303	6196
CA NM138296 50% NMNM31963 50% NMNM104730	SUNRISE MDP1 8-5 FEDERAL COM 6H	30-015-44473	N-08-24S-31E	Mar-2018	1713	41.0	2284	1265	5606

12.5% BLM ROYALTY - POOL: PURPLE SAGE;WOLFCAMP GAS (98220)

Lease Number	Well Name	API	Surface Location	DATE ONLINE	OIL (BPD)	Gravity API	GAS (MSCFD)	BTU/cf	WATER (BPD)
NMNM89819	PATTON MDP1 18 FEDERAL 6H	30-015-43854	A-18-24S-31E	Nov-2016	208	44.4	19	1326	648
NMNM89172	*PATTON MDP1 17 FEDERAL 171H	30-015-44989	C-17-24S-31E	EST OCT 2018	715	44.4	1757	1325	1852
NMNM89172	*PATTON MDP1 17 FEDERAL 172H	30-015-44990	C-17-24S-31E	EST OCT 2018	715	44.4	1757	1325	1852
NMNM89172	*PATTON MDP1 17 FEDERAL 173H	30-015-44991	C-17-24S-31E	EST OCT 2018	715	44.4	1757	1325	1852
NMNM89172	*PATTON MDP1 17 FEDERAL 174H	30-015-45077	B-17-24S-31E	EST OCT 2018	715	44.4	1757	1325	1852
NMNM89172	*PATTON MDP1 17 FEDERAL 175H	30-015-45078	B-17-24S-31E	EST OCT 2018	715	44.4	1757	1325	1852
NMNM89172	*PATTON MDP1 17 FEDERAL 176H	30-015-45079	A-17-24S-31E	EST OCT 2018	715	44.4	1757	1325	1852

LEASE COMMINGLE ~~TRAIN #2~~**87.5% BLM ROYALTY (12.5%) & 12.5% FEE FOR BLM INTEREST ALLOCATION OF 10.94%****POOL: COTTON DRAW;BONE SPRING (13367) - COM AGREEMENTS PENDING**

Lease Number	Well Name	API	Surface Location	DATE ONLINE	OIL (BPD)	Gravity API	GAS (MSCFD)	BTU/cf	WATER (BPD)
50% NMNM97133 37.5% NMNM82896 12.5% FEE	NIMITZ MDP1 12 FEDERAL COM 6H	30-015-44528	P-12-24S-30E	EST AUG 2018	824	42.0	1627	1300	1396
CA NM137686 50% NMNM82904 37.5% NMNM57273 12.5% FEE	PALLADIUM MDP1 7-6 FEDERAL COM 4H	30-015-44295	P-07-24S-31E	Dec-2017	1145	41.9	1553	1295	4740

LEASE COMMINGLE ~~TRAIN #3~~**93.75% BLM ROYALTY (12.5%) & 6.25% FEE FOR BLM INTEREST ALLOCATION OF 11.72%****POOL: COTTON DRAW;BONE SPRING (13367) - COM AGREEMENTS PENDING**

Lease Number	Well Name	API	Surface Location	DATE ONLINE	OIL (BPD)	Gravity API	GAS (MSCFD)	BTU/cf	WATER (BPD)
50% NMNM97133 43.75% NMNM82896 6.25% FEE	NIMITZ MDP1 12 FEDERAL COM 7H	30-015-44529	P-12-24S-30E	EST AUG 2018	824	42.0	1627	1300	1396
CA NM137687 50.03% NMNM82904 43.72% NMNM57273 6.25% FEE	PALLADIUM MDP1 7-6 FEDERAL COM 5H	30-015-44294	P-07-24S-31E	Nov-2017	1290	41.4	1893	1360	4065

Process Description:

The Sand Dunes South Corridor CTB is located in Section 18 T24S R31E at 32.2233, -103.812737 in Eddy County, New Mexico.

Production from all wells is routed to one of three production trains, based on the federal royalty rate. For example, the 87.5% and 93.75% wells are all routed into the appropriate same production train. Each train has dedicated 10' X 40' production separators and 6' X 20' test separators with turbine meters for oil and water and orifice meters for gas. Each well and the associated federal royalty rate per train can be seen on the attached facility diagram.

After separation, the oil stream will flow through a heater treater and then flow to tanks before being measured by a LACT unit dedicated to that train. The aforementioned LACT units will serve as the oil FMPs for each train.

The orifice meters off of the production and test separators will serve as the gas FMPs for that train.

All wells will be tested according to the methodology presented in Hearing Order R-14299, described below.

Wells will be tested daily prior to Range 1 of decline. Wells will be tested at least three times per month once they reach Range 1 of decline. Once wells reach Range 2 of decline, they will be tested at least twice per month, and at least once per month during Range 3 of decline. Production allocated to each well will be based on the aforementioned well tests.

The following tables summarize the test separators that wells share and the decline range of each well. Each test separator is able to exceed the required testing frequency of the wells.

TRAIN #1

WELL NAME	TESTER	RANGE OF DECLINE
Palladium MDP1 7-6 Federal Com 6H	TESTER 1	RANGE 2
Patton MDP1 18 Federal 6H	TESTER 1	RANGE 3
Sunrise MDP1 8-5 Federal Com 3H	TESTER 1	RANGE 1
Sunrise MDP1 8-5 Federal Com 6H	TESTER 1	RANGE 2
Patton MDP1 17 Federal 3H	TESTER 2	RANGE 1
Patton MDP1 18 Fed 23H	TESTER 2	RANGE 2
Patton MDP1 18 Federal 7H	TESTER 2	RANGE 2
Palladium MDP1 7-6 Federal Com 1H	TESTER 3	RANGE 2
Palladium MDP1 7-6 Federal Com 2H	TESTER 3	RANGE 2
Patton MDP1 17 Federal 2H	TESTER 3	RANGE 1
Patton MDP1 17 Federal 5H	TESTER 3	RANGE 2
Nimitz MDP1 12 Federal 2H	TESTER 4	RANGE 1
Patton MDP1 17 Federal 6H	TESTER 4	RANGE 2
Patton MDP1 18 Fed 73H	TESTER 4	RANGE 2
Patton MDP1 18 Federal 5H	TESTER 4	RANGE 2
Sunrise MDP1 8-5 Federal Com 2H	TESTER 4	RANGE 2
Sunrise MDP1 8-5 Federal Com 4H	TESTER 4	RANGE 1
Palladium MDP1 7-6 Federal Com 3Y	TESTER 5	RANGE 2
Patton MDP1 17 Federal 1H	TESTER 5	RANGE 1
Patton MDP1 18 Fed 33H	TESTER 5	RANGE 2
Sunrise MDP1 8-5 Federal Com 5H	TESTER 5	RANGE 2
Nimitz MDP1 12 Federal 9H	TESTER 5	RANGE 1
Nimitz MDP1 12 Federal 1H	TESTER 6	RANGE 1
Patton MDP1 17 Federal 4H	TESTER 6	RANGE 1
Patton MDP1 18 Federal 1H	TESTER 6	RANGE 2
Patton MDP1 18 Federal 2H	TESTER 6	RANGE 2
Patton MDP1 18 Federal 3H	TESTER 6	RANGE 2
Sunrise MDP1 8-5 Federal Com 1H	TESTER 6	RANGE 2
Nimitz MDP1 12 Federal 8H	TESTER TBD	EST 3/2019 ONLINE
Nimitz MDP1 13 Federal Com 1H	TESTER TBD	EST 2/2019 ONLINE
Nimitz MDP1 13 Federal Com 2H	TESTER TBD	EST 8/2018 ONLINE
Nimitz MDP1 13 Federal Com 3H	TESTER TBD	EST 8/2018 ONLINE
Patton MDP1 17 Federal 171H	TESTER TBD	EST 10/2018 ONLINE
Patton MDP1 17 Federal 172H	TESTER TBD	EST 10/2018 ONLINE
Patton MDP1 17 Federal 173H	TESTER TBD	EST 10/2018 ONLINE
Patton MDP1 17 Federal 174H	TESTER TBD	EST 10/2018 ONLINE
Patton MDP1 17 Federal 175H	TESTER TBD	EST 10/2018 ONLINE
Patton MDP1 17 Federal 176H	TESTER TBD	EST 10/2018 ONLINE

TRAIN #2

WELL NAME	TESTER	RANGE OF DECLINE
Nimitz MDP1 12 Federal Com 6H	WILL SHARE 1 TESTER	EST 8/2018 ONLINE
Palladium MDP1 7-6 Federal Com 4H	WILL SHARE 1 TESTER	RANGE 2

TRAIN #3

WELL NAME	TESTER	RANGE OF DECLINE
Nimitz MDP1 12 Federal Com 7H	WILL SHARE 1 TESTER	EST 8/2018 ONLINE
Palladium MDP1 7-6 Federal Com 5H	WILL SHARE 1 TESTER	RANGE 2

Gas for lift operations will be pulled downstream of the gas FMPs. It is then sent to four compressors which are located off-site of the Battery. The four compressors feed all of the wells at the Battery that are on gas lift. The table below lists each well on gas lift and the respective meter number. Estimated volume ranges from 300 MCFPD to 1100 MCFPD. Fuel gas for each compressor is approximately 25 MCFPD based on manufacturer's published usage rate.

WELL NAME	GAS LIFT METER #
Nimitz MDP1 12 Federal 1H	*T1822224402
Palladium MDP1 7-6 Federal Com 1H	T174197457
Palladium MDP1 7-6 Federal Com 2H	T181417336
Palladium MDP1 7-6 Federal Com 3Y	T180105052
Palladium MDP1 7-6 Federal Com 4H	T180105050
Palladium MDP1 7-6 Federal Com 5H	T174902797
Palladium MDP1 7-6 Federal Com 6H	T180105049
Patton MDP1 17 Federal 1H	T180105042
Patton MDP1 17 Federal 2H	T174197460
Patton MDP1 17 Federal 3H	T180105064
Patton MDP1 17 Federal 4H	T180105058
Patton MDP1 17 Federal 5H	T180610534
Patton MDP1 17 Federal 6H	T181719725
Patton MDP1 18 Fed 23H	T180105045
Patton MDP1 18 Fed 33H	T180105046
Patton MDP1 18 Fed 73H	T180105047
Patton MDP1 18 Federal 1H	T181417328
Patton MDP1 18 Federal 2H	T180105041
Patton MDP1 18 Federal 3H	T180105051
Patton MDP1 18 Federal 5H	T180105043
Patton MDP1 18 Federal 6H	T163257706
Patton MDP1 18 Federal 7H	T180105044
Sunrise MDP1 8-5 Federal Com 1H	*T180105039
Sunrise MDP1 8-5 Federal Com 2H	*T174197454
Sunrise MDP1 8-5 Federal Com 3H	*T180105062
Sunrise MDP1 8-5 Federal Com 4H	*T180105067
Sunrise MDP1 8-5 Federal Com 5H	T181719724
Sunrise MDP1 8-5 Federal Com 6H	T180105057

*Well not on gas lift but expected to be converted in near future

All water generated at the facility will be sent to the Sand Dunes SWD Integration System.

Additional Application Components:

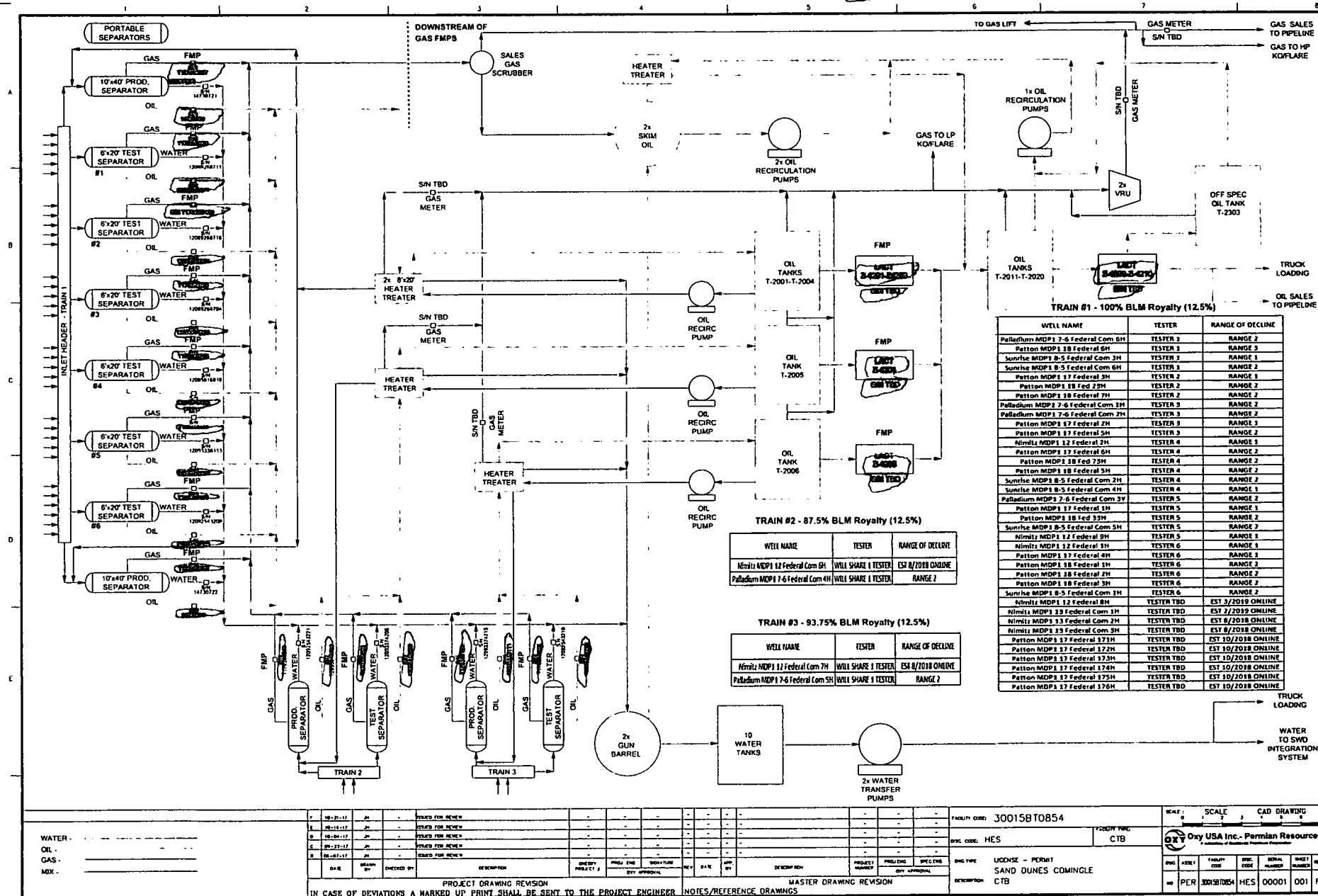
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, battery and well locations.

The oil and gas meters will be calibrated on a regular basis per API, NMOCD and BLM specifications.

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.

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.

TO REAR GAS LIFT COMPRESSORS LOCATED OFF-SITE
EST FUEL USAGE 25 GALLONS PER COMPRESSOR BASED ON MANUFACTURERS SPECIFICATIONS



4054.

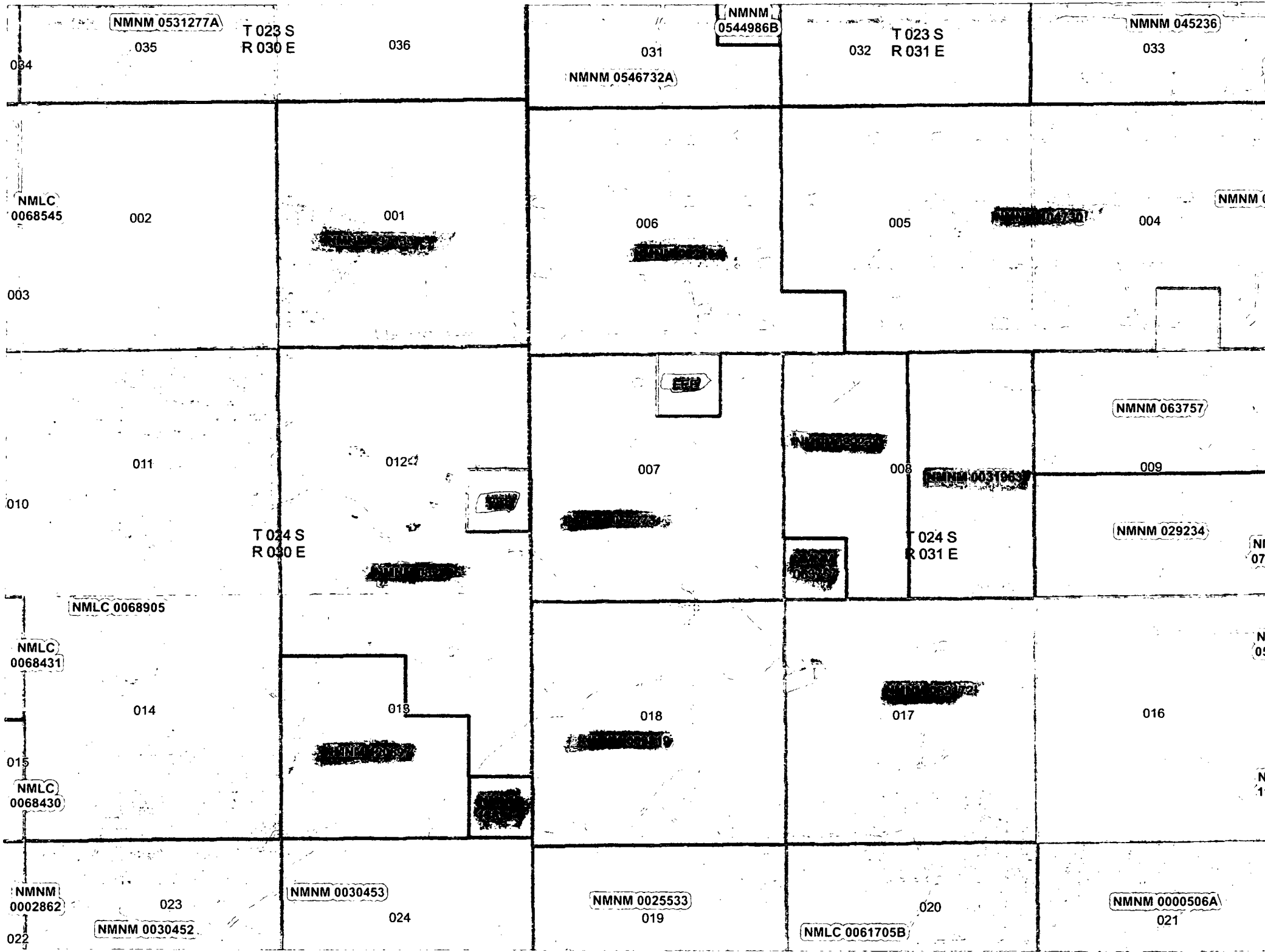
~~Four compressors, located off-site, feed all of the wells on gas lift~~

A vertical scale from 0 to 100. Tick marks are present at 0, 20, 40, 60, 80, and 100. Labels A, B, C, D, and E are positioned to the left of the scale at approximately 10, 30, 50, 70, and 90 respectively.

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35	36	NMNM 0030452	37	NMNM 0546732A	49
36	37	NMNM 0030452	38	NMNM 0546732A	50
37	38	NMNM 0030452	39	NMNM 0546732A	51
38	39	NMNM 0030452	40	NMNM 0546732A	52
39	40	NMNM 0030452	41	NMNM 0546732A	53
40	41	NMNM 0030452	42	NMNM 0546732A	54
41	42	NMNM 0030452	43	NMNM 0546732A	55
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44	45	NMNM 0030452	46	NMNM 0546732A	58
45	46	NMNM 0030452	47	NMNM 0546732A	59
46	47	NMNM 0030452	48	NMNM 0546732A	60
47	48	NMNM 0030452	49	NMNM 0546732A	61
48	49	NMNM 0030452	50	NMNM 0546732A	62
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70	71	NMNM 0030452	72	NMNM 0546732A	84
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Sand Dunes Wells
Sand Dunes South Corridor CTB



NMNM 0531277A

T 023 S
R 030 E

035

036

NMNM
0544986B

031

T 023 S
R 031 E

032

NMNM 045236

033

NMNM 0546732A

NMLC
0068545

002

001

NMNM 007133

006

NMNM 082904

005

NMNM 104730

004

NMNM 0

003

Sand
Dunes
SWD 1

011

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FEE

NMNM 063757

009

010

T 024 S
R 030 E

NMNM 082904

FEE

NMNM 057273

007

NMNM 029234

SAND DUNES
SWD 2

NMNM 0031983

T 024 S
R 031 E

NMNM 029234

NMLC 0068905

NIMITZ MDP1-13
FEDERAL COM 1H
NIMITZ MDP1-12
NIMITZ MDP1-12
FEDERAL 1H

FEDERAL COM 1H

NIMITZ MDP1-12
FEDERAL COM 6H

NIMITZ MDP1-12
FEDERAL 8H

PALLADIUM MDP1-18
MDP1-7-6 FEDERAL 1H

PATTON MDP1-18

FEDERAL 2H

PATTON MDP1-18

FEDERAL 3H

PALLADIUM MDP1-7-6
FEDERAL COM 5H

SUNRISE MDP1 8-5

FEDERAL COM 1H

SUNRISE MDP1 8-5

FEDERAL COM 171H

NMNM 0037577

SUNRISE MDP1
8-5 FEDERAL COM 3H

SUNRISE MDP1 PATTON MDP1 17

8-5 FEDERAL COM 176H

SUNRISE MDP1 PATTON MDP1 17

8-5 FEDERAL COM 174H

SUNRISE MDP1 8-5

FEDERAL COM 6H

FEDERAL COM 175H

FEDERAL 175H

FEDERAL 175H

014

013

NMNM 120897

018

NMNM 080619

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NMNM 080472

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015

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NMNM
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NMNM 0030452

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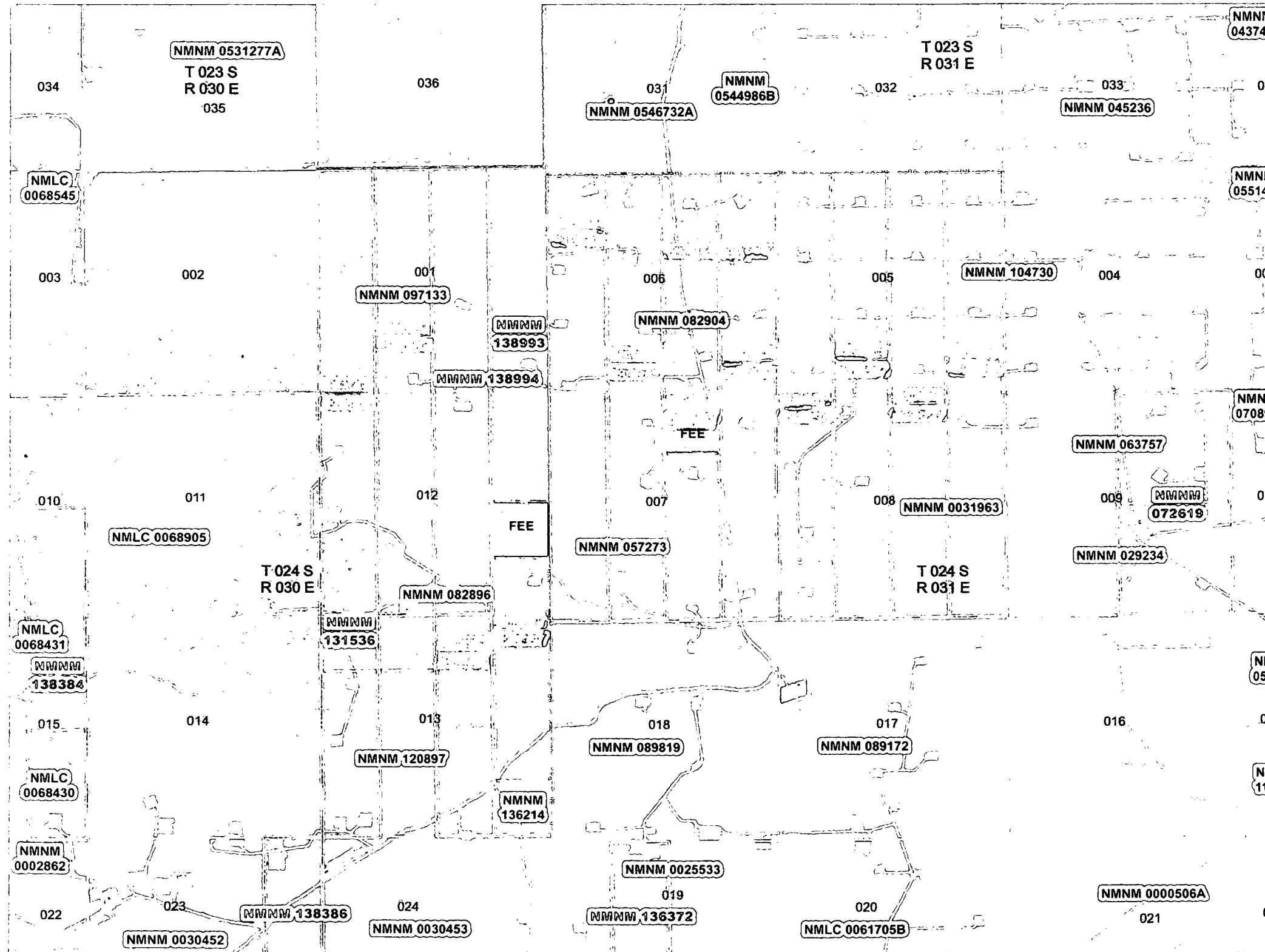
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NMLC 0061705B

NMNM 0000506A

021

022



Owner Name	Address	City	State	ZIP	TRACKING
CENTENNIAL LLC	P O BOX 1837	ROSWELL	NM	88202	7017 2400 0000 4417 0560
CHARMAR LLC	4815 VISTA DEL OSO COURT NE	ALBUQUERQUE	NM	87109	7017 2400 0000 4417 0577
COLL BROTHERS OIL	P O BOX 1818	ROSWELL	NM	88202	7017 2400 0000 4417 0591
DELAWARE INVESTMENT COMPANY	1112 N MAIN ST	ROSWELL	NM	88201	7017 2400 0000 4417 0584
ENERGY PROPERTIES LIMITED LP	P O BOX 51408	CASPER	WY	82605	7017 2400 0000 4417 0607
HUTCHINGS OIL COMPANY	P O BOX 1216	ALBUQUERQUE	NM	87103	7017 2400 0000 4417 0614
INNOVENTIONS INC	P O BOX 40	CEDAR CREST	NM	87008	7017 2400 0000 4417 0621
JACKS PEAK LLC	PO BOX 294928	KERRVILLE	TX	78029	7017 2400 0000 4417 0638
JAMES, TEDDY A & CONNIE K	708 VISTA PARKWAY	ROSWELL	NM	88201	7017 2400 0000 4417 0645
LEONARD LEGACY ROYALTY LLC	PO BOX 3422	MIDLAND	TX	79702	7017 2400 0000 4417 0652
LML PROPERTIES LLC	PO BOX 3194	BOULDER	CO	80307	7017 2400 0000 4417 0669
MARK B MURPHY IRREVOCABLE TRUST	PO BOX 2484	ROSWELL	NM	88202	7017 2400 0000 4417 0676
Marvin C. Gross	P O BOX 358	ROSWELL	NM	88202	7017 2400 0000 4417 0683
MIDKIFF, JACKIE A	7001 CACTUS TRAIL	MIDLAND	TX	79707	7017 2400 0000 4417 0690
MITCHELL EXPLORATION	6212 HOMESTEAD BLVD	MIDLAND	TX	79707	7017 2400 0000 4417 0706
MORGAN, FRANK S & ROBIN L	135 W COTTONWOOD RD	ARTESIA	NM	88210	7017 2400 0000 4417 0713
NORTON LLC	60 BEACH AVENUE BAY VIEW	DARTMOUTH	MA	02748	7017 2400 0000 4417 0720
OGL, Inc.	841 HERSCH AVENUE	PAGOSA SPRINGS	CO	81147	7017 2400 0000 4417 0737
Permian Basin Investment Corporation	302 W TILDEN	ROSWELL	NM	88203	7017 2400 0000 4417 0744
Permian Basin Investment Corporation	3515 JOSHUA ST	CARLSBAD	NM	88220	7017 2400 0000 4417 0751
Robin K. Shackelford	108 PARADISE CANYON	RUIDOSO	NM	88345	7017 2400 0000 4417 0768
ROEC, Inc.	P O BOX 490	GRAND JUNCTION	CO	81502	7017 2400 0000 4417 0775
Sam L. Shackelford	1096 MECHEM	RUIDOSO	NM	88345	7014 1820 0000 0733 2369
SCOTT EXPLORATION INC	P O BOX 1834	ROSWELL	NM	88202	7014 1820 0000 0733 2376
SUSAN S MURPHY MARITAL TRUST	P O BOX 2484	ROSWELL	NM	88202	7014 1820 0000 0733 2383
William N. Heiss and Susan E. Heiss, Co-Trustees of the William N. Heiss Profit Sharing Plan	P O BOX 2680	CASPER	WY	82602	7014 1820 0000 0733 1829
WINGO, DAVID	7027 S GULFSIDE LN	PHOENIX	AZ	85042	7014 1820 0000 0733 2390
WINN MD, DAVID L & LESLIE	17305 CHERRY LANE	LAGO VISTA	TX	78645	7014 1820 0000 0733 1799
WORRALL INVESTMENTS	P O BOX 1834	ROSWELL	NM	88202	7014 1820 0000 0733 1805
PETROLUX INC	2 ESCALANTE COURT	ROSWELL	NM	88201	7014 1820 0000 0733 1812
SCOTT BROTHERS TRUST	UNKNOWN				NEWSPAPER

MAILED 08/01/2018

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 10:49 AM

Page 1 of 2

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

Total Acres
639.800

Serial Number
NMNM-- - 097133

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

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 097133

Name & Address	Int Rel	%Interest
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
OXY USA INC PO BOX 27570	HOUSTON TX 772277570	OPERATING RIGHTS 0.000000000

Serial Number: NMNM-- - 097133

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0300E	001	ALIQ	S2N2,S2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0300E	001	LOTS	1,2,3,4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 097133

Act Date	Code	Action	Action Remarks	Pending Office
07/16/1996	387	CASE ESTABLISHED	9607053	
07/17/1996	191	SALE HELD		
07/17/1996	267	BID RECEIVED	\$464000.00;	
07/17/1996	392	MONIES RECEIVED	\$1280.00;	
07/30/1996	392	MONIES RECEIVED	\$462720.00;	
08/07/1996	237	LEASE ISSUED		
09/01/1996	496	FUND CODE	05;145003	
09/01/1996	530	RLTY RATE - 12 1/2%		
09/01/1996	868	EFFECTIVE DATE		
09/19/1996	084	RENTAL RECEIVED BY ONRR	\$960.00;11/MULTIPLE	
11/26/1996	963	CASE MICROFILMED/SCANNED		
07/14/1997	084	RENTAL RECEIVED BY ONRR	\$960.00;21/0000000081	
07/13/1998	084	RENTAL RECEIVED BY ONRR	\$960.00;21/0000000022	
01/25/1999	899	TRF OF ORR FILED		
02/10/1999	140	ASGN FILED	PENWELL/CONCHO	
02/25/1999	139	ASGN APPROVED	EFF 03/01/99;	
08/09/1999	084	RENTAL RECEIVED BY ONRR	\$960.00;21/0000000079	
08/14/2000	084	RENTAL RECEIVED BY ONRR	\$960.00;21/164	
07/16/2001	084	RENTAL RECEIVED BY ONRR	\$1280;21/231	
08/16/2001	817	MERGER RECOGNIZED	CONCHO RES/DEVON ENE	
06/16/2004	650	HELD BY PROD - ACTUAL	/1/	
02/01/2006	791	TERMINAT'N NOTICE ISSUED		
02/08/2006	643	PRODUCTION DETERMINATION	/1/	
02/08/2006	658	MEMO OF 1ST PROD-ACTUAL	/1/BLACKJACK 1 FED 2;	
02/15/2006	792	TERMINATION VACATED		
09/28/2017	932	TRF OPER RGTS FILED	DEVON ENERG/OXY USA;1	
10/10/2017	933	TRF OPER RGTS APPROVED	EFF 10/01/17;	
10/10/2017	974	AUTOMATED RECORD VERIF	RCC	

Line Nr Remarks

Serial Number: NMNM-- - 097133

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

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

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Page 1 of 2

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

Total Acres

Serial Number

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

880.000

NMNM-- - 082896

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 082896

Name & Address	Int Rel	%Interest
BURLINGTON PRODUCTION CO PO BOX 2504 HOUSTON TX 77252	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC PO BOX 4362 HOUSTON TX 772104362	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC PO BOX 4362 HOUSTON TX 772104362	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

Serial Number: NMNM-- - 082896

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0300E	012	ALIQ	N2,SW,W2SE,SESE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0300E	013	ALIQ	NE,N2NW,NESE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: **NMNM-- - 082896**

Act Date	Code	Action	Action Remarks	Pending Office
08/15/1989	387	CASE ESTABLISHED	PARCEL #127	
08/16/1989	191	SALE HELD		
08/16/1989	267	BID RECEIVED	\$51040.00;	
08/16/1989	392	MONIES RECEIVED	\$51040.00;	
08/17/1989	111	RENTAL RECEIVED	\$1320.00;1YR/89-90	
10/11/1989	237	LEASE ISSUED		
10/11/1989	974	AUTOMATED RECORD VERIF	SSP/LBO	
11/01/1989	496	FUND CODE	05;145003	
11/01/1989	530	RLTY RATE - 12 1/2%		
11/01/1989	868	EFFECTIVE DATE		
11/01/1989	909	BOND ACCEPTED	EFF 04/06/89;NM1576	
12/08/1989	600	RECORDS NOTED		
12/20/1989	963	CASE MICROFILMED/SCANNED	CNUM 567,136	
10/15/1990	111	RENTAL RECEIVED	\$1320.00;21/582739	
10/15/1991	111	RENTAL RECEIVED	\$1320.00;21/590404	
06/11/1992	140	ASGN FILED	SUN OP LTD PRTNS/BAX	
08/24/1992	139	ASGN APPROVED	EFF 07/01/92;	
08/24/1992	974	AUTOMATED RECORD VERIF	TF/JS	
08/26/1992	140	ASGN FILED	BAX INC/HANAGAN PETRO	
09/02/1992	139	ASGN APPROVED	EFF 09/01/92;	
09/02/1992	974	AUTOMATED RECORD VERIF	MV/JS	
09/18/1992	111	RENTAL RECEIVED	\$1320.00;21/20352	
10/09/1992	140	ASGN FILED	HANAGAN/MERIDIAN	
10/23/1992	899	TRF OF ORR FILED		
02/01/1993	139	ASGN APPROVED	EFF 11/01/92;	
02/01/1993	974	AUTOMATED RECORD VERIF	SSP/JS	
09/30/1993	111	RENTAL RECEIVED	\$1320.00;21/54571	
04/07/1994	575	APD FILED	MERIDIAN OIL INC	
04/29/1994	576	APD APPROVED	1 GILA 13 FED	

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

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 10:53 AM

Page 1 of 2

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

Total Acres

Serial Number

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

320.000

NMNM-- - 120897

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 120897

Name & Address

Int Rel

%Interest

OCCIDENTAL PERMIAN LP	5 E GREENWAY PLAZA #110	HOUSTON TX 770460521	LESSEE	90.000000000
OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	LESSEE	10.000000000

Serial Number: NMNM-- - 120897

Mer Twp Rng Sec SType Nr Suff Subdivision

District/Resource Area

County

Mgmt Agency

23	0240S	0300E	013	ALIQ	S2NW,SW,W2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
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Serial Number: **NMNM-- - 120897**

Act Date	Code	Action	Action Remarks	Pending Office
05/30/2008	387	CASE ESTABLISHED	200807015;	
06/30/2008	299	PROTEST FILED	SUSAN H BELL;	
07/01/2008	299	PROTEST FILED	WESTERN ENVR LAW CTR;	
07/01/2008	299	PROTEST FILED	WILD EARTH GUARDIANS;	
07/16/2008	191	SALE HELD		
07/16/2008	267	BID RECEIVED	\$992000.00;	
09/08/2008	298	PROTEST DISMISSED	SUSAN H BELL;	
10/24/2008	298	PROTEST DISMISSED	WILD EARTH GUARDIANS;	
10/31/2008	237	LEASE ISSUED		
10/31/2008	298	PROTEST DISMISSED	WESTERN ENVR LAW CTR;	
10/31/2008	974	AUTOMATED RECORD VERIF	BTM	
11/01/2008	496	FUND CODE	05;145003	
11/01/2008	530	RLTY RATE - 12 1/2%		
11/01/2008	868	EFFECTIVE DATE		
09/19/2011	899	TRF OF ORR FILED	1	
11/18/2011	940	NAME CHANGE RECOGNIZED	OGX RES LLC/COG PROD	
04/15/2013	246	LEASE COMMITTED TO CA	NMNM131536;	
04/15/2013	650	HELD BY PROD - ACTUAL	/1/	
04/15/2013	658	MEMO OF 1ST PROD-ACTUAL	/1/MNMM131536;#2H	
11/14/2013	643	PRODUCTION DETERMINATION	/1/	
02/14/2018	140	ASGN FILED	COG PRODU/OCCIDENTA;1	
02/14/2018	140	ASGN FILED	COG PRODUCT/OXY USA;1	
03/22/2018	139	ASGN APPROVED	EFF 03/01/18;1	
03/22/2018	139	ASGN APPROVED	EFF 03/01/18;2	
03/22/2018	974	AUTOMATED RECORD VERIF	RCC	

Line Nr Remarks

Serial Number: NMNM-- - 120897

0002	STIPULATIONS ATTACHED TO LEASE:
0003	NM-11-LN SPECIAL CULTURAL RESOURCE
0004	SENM-LN-1 CAVE - KARST OCCURRENCE AREA
0005	SENM-S-1 POTASH STIPULATION

NO WARRANTY IS MADE BY BLM
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**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 10:47 AM

Page 1 of 1

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

Total Acres

Serial Number

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

40.000

NMNM-- - 136214

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris:

Serial Number: NMNM-- - 136214

Name & Address

Int Rel

%Interest

OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	LESSEE	100.000000000
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Serial Number: NMNM-- - 136214

Mer Twp Rng Sec SType Nr Suff Subdivision

District/Resource Area

County

Mgmt Agency

23	0240S	0300E	013	ALIQ	SESE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
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Serial Number: **NMNM-- - 136214**

Act Date	Code	Action	Action Remarks	Pending Office
04/20/2016	387	CASE ESTABLISHED	201609006;	
05/20/2016	299	PROTEST FILED	CENTER BIO DIVERSITY;	
05/20/2016	299	PROTEST FILED	WILDEARTH GUARDIANS;	
09/01/2016	143	BONUS BID PAYMENT RECD	\$80.00;	
09/01/2016	191	SALE HELD		
09/01/2016	267	BID RECEIVED	\$640000.00;	
09/13/2016	143	BONUS BID PAYMENT RECD	\$639920.00;	
04/26/2017	298	PROTEST DISMISSED	CENTER BIO DIVERSITY;	
04/26/2017	298	PROTEST DISMISSED	WILDEARTH GUARDIANS;	
04/27/2017	237	LEASE ISSUED		
04/27/2017	974	AUTOMATED RECORD VERIF	DME	
05/01/2017	496	FUND CODE	05;145003	
05/01/2017	530	RLTY RATE - 12 1/2%		
05/01/2017	868	EFFECTIVE DATE		
07/20/2017	140	ASGN FILED	PERCHERON P/OXY USA;1	
08/15/2017	139	ASGN APPROVED	EFF 08/01/17;	
08/15/2017	974	AUTOMATED RECORD VERIF	RCC	
04/30/2027	763	EXPIRES		

Line Nr Remarks

Serial Number: NMNM-- - 136214

0002	STIPULATIONS ATTACHED TO LEASE:
0003	SENM-S-1 POTASH STIPULATION
0004	SENM-S-22 PRAIRIE CHICKENS
0005	SENM-S-34 ZONE 3 - POD
0006	SENM-LN-6 OG DEV IN DESIGNATED POTASH AREA
0007	NM-11-LN SPECIAL CULTURAL RESOURCE

NO WARRANTY IS MADE BY BLM
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PURPOSES NOT INTENDED BY BLM

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 10:57 AM

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

Total Acres

Serial Number

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

688.290

NMNM-- - 082904

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 082904

Name & Address			Int Rel	%Interest
EOG A RESOURCES INC	105 S 4TH ST	ARTESIA NM 882102177	LESSEE	32.000000000
EOG M RESOURCES INC	105 S 4TH ST	ARTESIA NM 882102177	LESSEE	32.000000000
EOG Y RESOURCES INC	105 S 4TH ST	ARTESIA NM 882102177	LESSEE	4.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATING RIGHTS	0.000000000
OXY Y-1 COMPANY	PO BOX 27570	HOUSTON TX 772277570	LESSEE	32.000000000

Serial Number: NMNM-- - 082904

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0310E	005	ALIQ	SWSW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	006	ALIQ	S2NE, SENW, E2SW, SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	006	LOTS	1-7;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: **NMNM-- - 082904**

Act Date	Code	Action	Action Remarks	Pending Office
08/15/1989	387	CASE ESTABLISHED	PARCEL #135	
08/16/1989	191	SALE HELD		
08/16/1989	267	BID RECEIVED	\$5512.00;	
08/17/1989	111	RENTAL RECEIVED	\$1033.50; 1YR/89-90	
10/16/1989	237	LEASE ISSUED		
10/16/1989	974	AUTOMATED RECORD VERIF	SSP/LBO	
11/01/1989	496	FUND CODE	05;145003	
11/01/1989	530	RLTY RATE - 12 1/2%		
11/01/1989	868	EFFECTIVE DATE		
11/09/1989	111	RENTAL RECEIVED	\$1033.50; 21/003570687	
12/08/1989	600	RECORDS NOTED		
12/20/1989	963	CASE MICROFILMED/SCANNED	CNUM 567,156	
09/12/1990	111	RENTAL RECEIVED	\$1033.50; 21/27443	
09/12/1991	111	RENTAL RECEIVED	\$1033.50; 21/34006	
07/20/1992	575	APD FILED	YATES PETROLEUM CE	
08/21/1992	576	APD APPROVED	ADELINE ALN NO 1	
09/04/1992	111	RENTAL RECEIVED	\$1033.50; 21/41189	
09/24/1992	575	APD FILED	YATES PETROLEUM CE	
09/30/1992	575	APD FILED	(1) YATES PETRO	
09/30/1992	575	APD FILED	(2) YATES PETRO	
09/30/1992	575	APD FILED	(3) YATES PETRO	
09/30/1992	575	APD FILED	(4) YATES PETRO	
09/30/1992	575	APD FILED	(5) YATES PETRO	
10/25/1992	650	HELD BY PROD - ACTUAL	/1/	
10/25/1992	658	MEMO OF 1ST PROD-ACTUAL	/1/#1;	
11/10/1992	575	APD FILED	YATES PETROLEUM; BM	
11/12/1992	575	APD FILED	YATES PETROLEUM; BM	
11/18/1992	643	PRODUCTION DETERMINATION	/1/	

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**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 10:58 AM

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

Total Acres
607.160

Serial Number
NMNM-- - 057273

Case Type 311211: O&G LSE SIMO PUBLIC LAND

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 057273

Name & Address

Int Rel

%Interest

OXY USA INC	PO BOX 27570	HOUSTON TX 772277570	LESSEE	100.000000000
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Serial Number: NMNM-- - 057273

Mer Twp Rng Sec SType Nr Suff Subdivision

District/Resource Area

County

Mgmt Agency

23	0240S	0310E	007	ALIQ		NENE,S2NE,E2W2,SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	007	LOTS		1,2,3,4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 057273

Act Date	Code	Action	Action Remarks	Pending Office
07/05/1983	387	CASE ESTABLISHED	SPAR246;	
07/06/1983	888	DRAWING HELD		
03/06/1984	237	LEASE ISSUED		
03/15/1984	600	RECORDS NOTED		
03/30/1984	111	RENTAL RECEIVED	\$0;84-85	
04/01/1984	496	FUND CODE	05;145003	
04/01/1984	530	RLTY RATE - 12 1/2%		
04/01/1984	868	EFFECTIVE DATE		
04/10/1984	140	ASGN FILED	GROOMS/GROOMS	
06/26/1984	139	ASGN APPROVED	EFF 05/01/84;	
01/07/1985	111	RENTAL RECEIVED	\$0;85-86	
04/15/1985	140	ASGN FILED	GROOMS/SOHIO PETRO	
06/05/1985	139	ASGN APPROVED	EFF 05/01/85;	
07/08/1985	963	CASE MICROFILMED/SCANNED	CNUM 552,932 AC	
03/10/1986	111	RENTAL RECEIVED	\$0;86-87	
03/05/1987	111	RENTAL RECEIVED	\$0;87-88	
03/07/1988	111	RENTAL RECEIVED	\$608.00;1YR/88-89	
03/09/1988	974	AUTOMATED RECORD VERIF	ITV/VG	
04/19/1988	140	ASGN FILED	SOHIO PETRO/CC FOLSON	
06/01/1988	139	ASGN APPROVED	EFF 05/01/88;	
06/01/1988	974	AUTOMATED RECORD VERIF	AR/JR	
03/27/1989	111	RENTAL RECEIVED	\$1216.00;1YR/89-90	
03/23/1990	140	ASGN FILED	C FOLSON/BRANEX RES	
03/26/1990	111	RENTAL RECEIVED	\$608.00;21/1886	
05/17/1990	139	ASGN APPROVED	EFF 04/01/90;	
05/17/1990	974	AUTOMATED RECORD VERIF	MT/ML	
06/25/1990	140	ASGN FILED	BRANEX RES/SANTA FE	
08/01/1990	139	ASGN APPROVED	EFF 07/01/90;	
08/01/1990	974	AUTOMATED RECORD VERIF	GLC/MT	
03/11/1991	111	RENTAL RECEIVED	\$608.00;21/10882	
08/30/1991	909	BOND ACCEPTED	EFF 08/30/91;UT0855	

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**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 10:59 AM

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

Total Acres
647.880

Serial Number
NMNM-- - 089819

Serial Number: NMNM-- - 089819

Name & Address				Int Rel	%Interest
EOG RESOURCES INC	PO BOX 4362	HOUSTON TX 772104362		OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	PO BOX 4362	HOUSTON TX 772104362		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

Mer Twp Rng Sec SType Nr Suff Subdivision						Serial Number: NMNM-- - 089819	District/Resource Area	County	Mgmt Agency
23	0240S	0310E	018	ALIQ		E2,E2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	018	LOTS		1,2,3,4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Act Date	Code	Action	Action Remarks	Pending Office
10/20/1992	387	CASE ESTABLISHED	9210123	
10/21/1992	191	SALE HELD		
10/21/1992	267	BID RECEIVED	\$324000.00;	
10/21/1992	392	MONIES RECEIVED	\$324000.00;	
10/23/1992	237	LEASE ISSUED		
11/01/1992	496	FUND CODE	05;145003	
11/01/1992	530	RLTY RATE - 12 1/2%		
11/01/1992	868	EFFECTIVE DATE		
11/24/1992	600	RECORDS NOTED		
01/04/1993	963	CASE MICROFILMED/SCANNED	CUN 569,630	
02/02/1993	575	APD FILED	MERIDIAN OIL INC;	
05/17/1993	576	APD APPROVED	POKER LAKE "18" #1;	
06/20/1993	650	HELD BY PROD - ACTUAL	POKER LAKE 18 #1	
09/10/1993	575	APD FILED	MERIDIAN OIL INC	
09/30/1993	111	RENTAL RECEIVED	\$972.00;21/54572	
10/09/1993	578	APD REJECTED	6 POKER LAKE 18	
10/22/1993	578	APD REJECTED	2 POKER LAKE 18	
10/22/1993	578	APD REJECTED	3 POKER LAKE 18	
10/22/1993	578	APD REJECTED	4 POKER LAKE 18	
11/01/1993	578	APD REJECTED	7 POKER LAKE 18	
11/01/1993	578	APD REJECTED	8 POKER LAKE 18	
11/01/1993	578	APD REJECTED	9 POKER LAKE 18	
05/20/1996	817	MERGER RECOGNIZED	EL PASO PROD/MERIDIAN	
05/20/1996	817	MERGER RECOGNIZED	MERIDIAN PRO/MERIDIAN	
05/20/1996	817	MERGER RECOGNIZED	SOUTHLAND/MERIDIAN	
07/09/1996	366	DEC REVRSD & REMANDED	136 IBLA 91;	
08/02/1996	238	LEASE MODIFIED-AMENDED	10 YR LSE;	
09/18/1996	940	NAME CHANGE RECOGNIZED	MERIDIAN/BURLINGTON	
03/16/1998	932	TRF OPER RGTS FILED	BURLINGTON/POGO	

**NO WARRANTY IS MADE BY BLM
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**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Run Time: 07:03 AM

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**CASE RECORDATION
(MASS) Serial Register Page**

Run Date: 08/01/2017

01 02-25-1920;041STAT0437;30USC226

Total Acres
1,202.120

Serial Number

Case Type 311111: O&G LSE NONCOMP PUB LAND

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

NMNM--104730

Serial Number: NMNM-- - 104730

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	0.000000000

Serial Number: NMNM-- - 104730

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	02405	0310E	004	ALIQ	S2N2,SW,N2SE,SESE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	02405	0310E	004	LOTS	1,2,3,4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	02405	0310E	005	ALIQ	N2SW,SESW,SE,S2N2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	02405	0310E	005	LOTS	1,2,3,4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 104730

Act Date	Code	Action	Action Remark	Pending Office
03/01/1957	387	CASE ESTABLISHED		
01/01/1958	496	FUND CODE	05;145003	
01/01/1958	530	RETRACTED - 12/1/80		
01/01/1958	868	EFFECTIVE DATE		
06/22/1972	650	HELD BY PROD - ACTUAL		
12/27/1999	932	TRF OPER RGTS FILED	CNG PROD/POGO PROD	
12/27/1999	932	TRF OPER RGTS FILED	SANTA FE SNYDER/POGO	
05/31/2000	553	CASE CREATED BY ASGN	OUT OF NMNM 0031963;	
06/01/2000	933	TRF OPER RGTS APPROVED	(1)EFF 01/01/2000;	
06/01/2000	933	TRF OPER RGTS APPROVED	(2)EFF 01/01/2000;	
06/01/2000	974	AUTOMATED RECORD VERIF	LBO	
01/17/2002	963	CASE MICROFILMED/SCANNED		
05/01/2008	140	ASGN FILED	POGO PRODUC/OXY USA;1	
05/01/2008	932	TRF OPER RGTS FILED	POGO PRODUC/OXY USA;1	
06/13/2008	139	ASGN APPROVED	EFF 06/01/2008;	
06/13/2008	933	TRF OPER RGTS APPROVED	EFF 06/01/2008;	
06/13/2008	974	AUTOMATED RECORD VERIF	SSP	
01/08/2009	140	ASGN FILED	POGO PRODUC/OXY USA;1	
01/08/2009	932	TRF OPER RGTS FILED	POGO PRODUC/OXY USA;1	
03/25/2009	139	ASGN APPROVED	EFF 02/01/09;	
03/25/2009	933	TRF OPER RGTS APPROVED	EFF 02/01/09;	
03/26/2009	974	AUTOMATED RECORD VERIF	ANN	
06/30/2016	932	TRF OPER RGTS FILED	FORD PEGGY/OXY USA;1	
06/30/2016	932	TRF OPER RGTS FILED	WILLIAM F F/OXY USA;1	
08/12/2016	933	TRF OPER RGTS APPROVED	EFF 07/01/16;1	
08/12/2016	933	TRF OPER RGTS APPROVED	EFF 07/01/16;2	
08/12/2016	974	AUTOMATED RECORD VERIF	DME	

Serial Number: NMNM-- - 104730

Line Nr	Remarks
0002	06/13/2008 - OXY USA INC - ES0136 - NW
0003	OPERATOR BONDED - 03/25/2009

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

Run Time: 07:03 AM

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Run Date: 08/01/2017

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

Total Acres
1,280.000

Serial Number

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

NMNM-- - 029234

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 029234

Name & Address			Int Rel	% Interest
CHEVRON USA INC	6301 DEALVILLE	MIDLAND TX 797062964	LESSEE	100.000000000
EP ENERGY E&P CO LP	PO BOX 4660	HOUSTON TX 772104660	OPERATING RIGHTS	0.000000000
MERIT ENERGY PTNRS	13727 NOEL RD #500	DALLAS TX 75240	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
RSE PARTNERS I LP	3141 HOOD ST #350	DALLAS TX 75219	OPERATING RIGHTS	0.000000000
SLASH FOUR ENTERPRISES INC	PO BOX 1433	ROSWELL NM 88202	OPERATING RIGHTS	0.000000000
WILSON WILBUR A	200 W 1ST ST #367	ROSWELL NM 88201	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 029234

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	0240S	0310E	008	ALIQ	NW,N25W,SESW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	009	ALIQ	S2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	010	ALIQ	E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	011	ALIQ	NWNE,NW,SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 029234

Act Date	Code	Action	Action Remark	Pending Office
10/25/1976	387	CASE ESTABLISHED	SPAR82;	
10/26/1976	888	DRAWING HELD		
12/20/1976	237	LEASE ISSUED		
01/01/1977	496	FUND CODE	05;145003	
01/01/1977	530	LEASE DATE 12-1-2014		
01/01/1977	868	EFFECTIVE DATE		
01/01/1977	909	BOND ACCEPTED	EFF 11/18/55;ES0101	
02/16/1977	140	ASGN FILED	SHELLY/TEXACO INC	
02/24/1977	139	ASGN APPROVED	EFF 03/01/77;	
07/24/1978	909	BOND ACCEPTED	EFF 07/24/78;WY0405	
12/17/1984	111	RENTAL RECEIVED	\$0;85-86	
12/23/1985	111	RENTAL RECEIVED	\$0;86-87	
11/14/1986	111	RENTAL RECEIVED	\$0;87-88	
11/17/1986	140	ASGN FILED	TEXACO INC/BETTIS BRO	
12/08/1986	139	ASGN APPROVED	EFF 12/01/86;	
03/18/1987	932	TRF OPER RGTS FILED	(1)	
03/18/1987	932	TRF OPER RGTS FILED	(2)	
04/17/1987	235	EXTENDED	THRU 12/31/88;	
07/13/1987	933	TRF OPER RGTS APPROVED	(1) EFF 04/01/87;	
07/13/1987	933	TRF OPER RGTS APPROVED	(2) EFF 04/01/87;	
07/29/1987	974	AUTOMATED RECORD VERIF	GEA/MT	
08/18/1987	963	CASE MICROFILMED/SCANNED	CNUM 559,735 DS	
11/16/1987	111	RENTAL RECEIVED	\$640.00;1YR/88-88	
11/27/1988	651	HELD BY PROD - ALLOCATED	NMNM-72619 MO	
12/09/1988	111	RENTAL RECEIVED	\$640.00;1YR/89-89	
01/23/1989	140	ASGN FILED	BETTIS BROS/TURSCO	

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

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 11:03 AM

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01 02-25-1920;041STAT0437;30USC226

**Total Acres
480.000**

**Serial Number
NMNM-- 0 031963**

Case Type 311111: O&G LSE NONCOMP PUB LAND

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- 0 031963

Name & Address			Int Rel	%Interest
BETTIS BROTHERS INC	500 W TEXAS #830	MIDLAND TX 79701	OPERATING RIGHTS	0.000000000
BURLINGTON RES OIL & GAS CO LP	PO BOX 51810	MIDLAND TX 797101810	OPERATING RIGHTS	0.000000000
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND TX 797062964	OPERATING RIGHTS	0.000000000
CNX GAS CO LLC	PO BOX 1248	JANE LEW WV 263781248	OPERATING RIGHTS	0.000000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	LESSEE	100.000000000
EP ENERGY E&P CO LP	PO BOX 4660	HOUSTON TX 772104660	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
RSE PARTNERS I LP	3141 HOOD ST #350	DALLAS TX 75219	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- 0 031963

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0310E	008	ALIQ	E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	011	ALIQ	SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM 0031963

Relinquished/Withdrawn Lands

23 0240S 0310E 704	FF	1-4 ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0310E 704	FF	S2N2,SW,N2SE,SESE ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0310E 705	FF	1-4 ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0310E 705	FF	N2SW,SESW,SE,S2N2 ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0310E 705	FF	SWSW ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- 0 031963

Act Date	Code	Action	Action Remarks	Pending Office
03/01/1957	124	APLN RECD		
12/16/1957	237	LEASE ISSUED		
01/01/1958	496	FUND CODE	05;145003	
01/01/1958	530	RLTY RATE - 12 1/2%		
01/01/1958	868	EFFECTIVE DATE		
04/01/1964	496	FUND CODE	05;145003	
12/01/1967	570	CASE SEGREGATED BY ASGN	INTO NMNM031963-A;	
11/30/1969	235	EXTENDED	THRU 11/30/71;	
11/30/1971	235	EXTENDED	THRU 11/30/73;	
06/22/1972	643	PRODUCTION DETERMINATION		
06/22/1972	658	MEMO OF 1ST PROD-ACTUAL		
07/28/1972	102	NOTICE SENT-PROD STATUS		
12/12/1984	140	ASGN FILED	SUN OIL CO/EXPL	
02/24/1986	932	TRF OPER RGTS FILED		
03/10/1986	940	NAME CHANGE RECOGNIZED	ADOBE OG/ADOBE RES	
03/10/1986	940	NAME CHANGE RECOGNIZED	MADISON RES/ADOBE RES	
03/17/1986	140	ASGN FILED	SUNDANCE/AMER PENN	
03/17/1986	932	TRF OPER RGTS FILED		
05/16/1986	139	ASGN APPROVED	(1)EFF 04/01/86;	
05/16/1986	933	TRF OPER RGTS APPROVED	(2)EFF 04/01/86;	
05/16/1986	933	TRF OPER RGTS APPROVED	EFF 03/01/86;	
09/09/1986	139	ASGN APPROVED	(3)EFF 04/01/86;	

**NO WARRANTY IS MADE BY BLM
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**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

Run Time: 07:03 AM

Page 1 of 3

Run Date: 08/01/2017

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

Total Acres
360.000

Serial Number

Case Type 311211: O&G LSE SIMO PUBLIC LAND

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

~~NMNM--063757~~

Serial Number: NMNM-- - 063757

Name & Address			Int Rel	% Interest
B A G A M LTD	PO BOX 37	GRAHAM TX 76046	OPERATING RIGHTS	0.000000000
BETTIS BROTHERS INC	500 W TEXAS #830	MIDLAND TX 79701	OPERATING RIGHTS	0.000000000
BOYLE W T	PO BOX 1240	GRAHAM TX 76046	OPERATING RIGHTS	0.000000000
CHEVRON USA INC	6301 DEAUVILLE	MIDLAND TX 797062964	LESSEE	100.000000000
CNX GAS CO LLC	PO BOX 1248	JANE LEW WV 263781248	OPERATING RIGHTS	0.000000000
GAYLORD EDWARD K II	RR 8 BOX 104 B	GUTHRIE OK 73044	OPERATING RIGHTS	0.000000000
H M BETTIS INC	PO BOX 1240	GRAHAM TX 76046	OPERATING RIGHTS	0.000000000
JAMES R GUINN ESTATE	201 E ABRAM #650	ARLINGTON TX 76010	OPERATING RIGHTS	0.000000000
OPPERMANN L E	1505 NEELY	MIDLAND TX 79705	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
S B STREET & CO	PO BOX 206	GRAHAM TX 76046	OPERATING RIGHTS	0.000000000
STOVALL NORMAN D JR	BOX 10	GRAHAM TX 76046	OPERATING RIGHTS	0.000000000
THE ALLAR CO	PO BOX 1567	GRAHAM TX 76450	OPERATING RIGHTS	0.000000000
TURNCO INC	PO BOX 1168	GRAHAM TX 76046	OPERATING RIGHTS	0.000000000
WT BOYLE & CO	PO BOX 1240	GRAHAM TX 76046	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 063757

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23	02405	0310E	008	ALIQ	SWSW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	02405	0310E	009	ALIQ	N2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: ~~NMNM--063757~~

Act Date	Code	Action	Action Remark	Pending Office
07/31/1985	387	CASE ESTABLISHED	SPAR367;	
08/01/1985	888	DRAWING HELD		
10/28/1985	237	LEASE ISSUED		
11/01/1985	496	FUND CODE	05;145003	
11/01/1985	530	LEASE DATE 12/1/87		
11/01/1985	868	EFFECTIVE DATE		
11/01/1985	909	BOND ACCEPTED	EFF 07/24/78;WY0405	
11/21/1985	600	RECORDS NOTED		
11/25/1985	963	CASE MICROFILMED/SCANNED	CNUM 554,565 AC	
09/30/1986	140	ASGN FILED	DOROUGH/DOROUGH JR	
10/15/1986	111	RENTAL RECEIVED	\$0;86-87	
11/12/1986	140	ASGN FILED	DOROUGH JR/BETTIS	
11/20/1986	139	ASGN APPROVED	EFF 10/01/86;	
01/14/1987	139	ASGN APPROVED	EFF 12/01/86;	
09/14/1987	111	RENTAL RECEIVED	\$360.00;1YR/87-88	
06/07/1988	974	AUTOMATED RECORD VERIF	EW/JA	
09/09/1988	111	RENTAL RECEIVED	\$360.00;1YR/88-89	
11/27/1988	651	HELD BY PROD - ALLOCATED	NMNM-72619 MO	
01/23/1989	140	ASGN FILED	BETTIS BROS/TURNCO	
02/15/1989	139	ASGN APPROVED	EFF 02/01/89;	
02/15/1989	974	AUTOMATED RECORD VERIF	MCS/MT	

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

Run Time: 07:02 AM

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Run Date: 08/01/2017

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
640.000

Serial Number

~~NMNM--089172~~

Serial Number: NMNM-- - 089172

Name & Address	Int Rel	% Interest
EOG RESOURCES INC PO BOX 4362 HOUSTON TX 772104362	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC PO BOX 4362 HOUSTON TX 772104362	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

Serial Number: NMNM-- - 089172

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0240S 0310E 017	ALIQ		NE,E2NW,NWNW,S2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0310E 017	LOTS		1;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0240S 0310E 017	TR		37;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 089172

Act Date	Code	Action	Action Remark	Pending Office
07/21/1992	387	CASE ESTABLISHED	9207112	
07/22/1992	191	SALE HELD		
07/22/1992	267	BID RECEIVED	\$262400.00;	
07/22/1992	392	MONIES RECEIVED	\$1280.00;	
08/05/1992	392	MONIES RECEIVED	\$261120.00;	
08/10/1992	237	LEASE ISSUED		
08/10/1992	974	AUTOMATED RECORD VERIF	GSB/LR	
08/27/1992	111	RENTAL RECEIVED	\$960.00;21	
09/01/1992	496	FUND CODE	05;145003	
09/01/1992	530	STAFF NOTE: 12/1/92		
09/01/1992	868	EFFECTIVE DATE		
09/25/1992	600	RECORDS NOTED		
11/20/1992	140	ASGN FILED	ENERGEX/MERIDIAN	
12/17/1992	899	TRF OF ORR FILED		
02/17/1993	139	ASGN APPROVED	EFF 12/01/92;	
02/17/1993	974	AUTOMATED RECORD VERIF	SSP/KRP	
02/26/1993	963	CASE MICROFILMED/SCANNED	CNUM 569,533 RGO	
08/02/1993	111	RENTAL RECEIVED	\$960.00;21/53980	
08/23/1994	111	RENTAL RECEIVED	\$960.00;21/0800010044	
08/21/1995	084	RENTAL RECEIVED BY ONRR	\$960.00;21/10610	
05/20/1996	817	MERGER RECOGNIZED	EL PASO PROD/MERIDIAN	
05/20/1996	817	MERGER RECOGNIZED	MERIDIAN PRO/MERIDIAN	
05/20/1996	817	MERGER RECOGNIZED	SOUTHLAND/MERIDIAN	
05/20/1996	974	AUTOMATED RECORD VERIF	BTM	
08/20/1996	084	RENTAL RECEIVED BY ONRR	\$960.00;21/11073	
09/18/1996	940	NAME CHANGE RECOGNIZED	MERIDIAN/BURLINGTON	
10/17/1996	575	APD FILED		
11/13/1996	576	APD APPROVED	#1 PATTON "17" FED	
01/16/1997	899	TRF OF ORR FILED		
01/29/1997	650	HELD BY PROD - ACTUAL	/1/	

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

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 11:08 AM

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

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Total Acres

334.890

Serial Number

NMNM-- - 137968

Serial Number: NMNM-- - 137968

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-- - 137968

Mer Twp Rng Sec SType Nr Suff Subdivision

District/Resource Area

County

Mgmt Agency

23	0240S	0310E	006	LOTS	4-7;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	007	LOTS	1-4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 137968

Act Date	Code	Action	Action Remarks	Pending Office
11/01/2017	387	CASE ESTABLISHED		
11/01/2017	516	FORMATION	BONE SPRING;	
11/01/2017	526	ACRES-FED INT 100%	334.89;100%	
11/01/2017	868	EFFECTIVE DATE	/A/	
11/06/2017	580	PROPOSAL RECEIVED		
05/14/2018	334	AGRMT APPROVED		
11/01/2019	763	EXPIRES		

Line Nr Remarks

Serial Number: NMNM-- - 137968

0001	/A/RECAPITULATION EFFECTIVE 11/01/2017			
0002	TR#	LEASE SERIAL NO	AC COMMITTED	% INTEREST
0003	1	NMNM82904	167.73	50.08510
0004	2	NMNM57273	167.16	49.91490
0005	TOTAL		334.89	100.000000

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 11:13 AM

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

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

320.150

NMNM-- - 137685

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 137685

Name & Address

Int Rel

%Interest

BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.00000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATOR	100.00000000

Serial Number: NMNM-- - 137685

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0310E	006	ALIQ	SENW,E2SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	006	LOTS	3;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	007	ALIQ	E2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 137685

Act Date	Code	Action	Action Remarks	Pending Office
10/04/2017	387	CASE ESTABLISHED		
10/04/2017	516	FORMATION	BONE SPRING;	
10/04/2017	526	ACRES-FED INT 100%	320.15;100%	
10/04/2017	868	EFFECTIVE DATE	/A/	
10/11/2017	580	PROPOSAL RECEIVED	CA REC'D	
12/20/2017	654	AGRMT PRODUCING	NMNM137685, PALL 3Y	
03/08/2018	334	AGRMT APPROVED		
04/05/2018	690	AGRMT VALIDATED		

Line Nr Remarks

Serial Number: NMNM-- - 137685

0001	/A/RECAPITULATION EFFECTIVE 10/04/2017		
0002	TR#	LEASE SERIAL NO	AC COMMITTED % INTEREST
0003	1	NMNM82904	160.15 50.02343
0004	2	NMNM57273	160.00 49.97657
0005	TOTAL		320.15 100.00000

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 11:26 AM

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

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Total Acres

320.220

Serial Number

NMNM-- - 137601

Serial Number: NMNM-- - 137601

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-- - 137601

Mer Twp Rng Sec SType Nr Suff Subdivision

District/Resource Area

County

Mgmt Agency

23	0240S	0310E	006	ALIQ		SENE,E2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	006	LOTS		1;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	007	ALIQ		E2E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 137601

Act Date	Code	Action	Action Remarks	Pending Office
08/15/2017	387	CASE ESTABLISHED		
08/15/2017	516	FORMATION	BONE SPRING;	
08/15/2017	526	ACRES-FED INT 100%	320.00;100%	
08/15/2017	868	EFFECTIVE DATE	/A/	
10/03/2017	580	PROPOSAL RECEIVED	CA RECD	
11/19/2017	654	AGRMT PRODUCING	NMNM137601,PALL 6H	
03/06/2018	334	AGRMT APPROVED		
03/06/2018	690	AGRMT VALIDATED		

Line Nr Remarks

Serial Number: NMNM-- - 137601

0001	/A/RECAPITULATION EFFECTIVE 08/15/2017			
0002	TR#	LEASE SERIAL NO	AC COMMITTED	% INTEREST
0003	1	NMNM82904	160.22	50.03435
0004	2	NMNM57273	160.00	49.96565
0005		TOTAL	320.22	100.00000

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 11:22 AM

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

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

320.190

NMNM-- - 137686

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 137686

Name & Address			Int Rel	%Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 137686

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0310E	006	ALIQ	SWNE,W2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	006	LOTS	2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	007	ALIQ	W2E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 137686

Act Date	Code	Action	Action Remarks	Pending Office
09/30/2017	387	CASE ESTABLISHED		
09/30/2017	516	FORMATION	BONE SPRING;	
09/30/2017	525	ACRES-NONFEDERAL	40.00;12.49258%	
09/30/2017	526	ACRES-FED INT 100%	280.19;87.50742%	
09/30/2017	868	EFFECTIVE DATE	/A/	
10/11/2017	580	PROPOSAL RECEIVED	CA REC'D	
12/20/2017	654	AGRMT PRODUCING	NMNM137686, PALL 4H	
03/08/2018	334	AGRMT APPROVED		
04/04/2018	690	AGRMT VALIDATED		

Line Nr Remarks

Serial Number: NMNM-- - 137686

0001	/A/RECAPITULATION EFFECTIVE 09/30/2017		
0002	TR#	LEASE SERIAL NO	AC COMMITTED
0003	1	NMNM82904	160.19
0004	2	FEE	40.00
0005	3	NMNM57273	120.00
0006	TOTAL		320.19
			100.00000

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 07/05/18 11:17 AM

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

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Total Acres

640.410

Serial Number

NMNM-- - 137687

Serial Number: NMNM-- - 137687

Name & Address

BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 137687

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0310E	006	ALIQ	S2NE,SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	006	LOTS	1,2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	007	ALIQ	E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 137687

Act Date	Code	Action	Action Remarks	Pending Office
09/21/2017	387	CASE ESTABLISHED		
09/21/2017	516	FORMATION	BONE SPRING;	
09/21/2017	525	ACRES-NONFEDERAL	40.00;6.2460%	
09/21/2017	526	ACRES-FED INT 100%	600.41;93.754%	
09/21/2017	868	EFFECTIVE DATE	/A/	
10/06/2017	580	PROPOSAL RECEIVED	CA REC'D	
11/19/2017	654	AGRMT PRODUCING	NMNM137687,PALL. 5H	
03/12/2018	334	AGRMT APPROVED		
03/12/2018	690	AGRMT VALIDATED		

Line Nr Remarks

Serial Number: NMNM-- - 137687

0001	/A/RECAPITULATION EFFECTIVE 09/21/2017			
0002	TR#	LEASE SERIAL NO	AC COMMITTED	% INTEREST
0003	1	NMNM82904	320.41	50.03201
0004	2	FEE	40.00	6.24600
0005	3	NMNM57273	280.00	43.72199
0006		TOTAL	640.41	100.00000

NO WARRANTY IS MADE BY BLM
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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 8/6/2018 6:54 AM

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01 02-25-1920;041STAT0437;30USC181
Case Type 318310: O&G COMMUNITIZATION AGRMT
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
320.250

Serial Number

~~NMNM 138291~~

Serial Number: NMNM-- - 138291

Name & Address	Int Rel	% Interest
BLM CARLSBAD FO 620 E GREENE ST CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
OXY USA INC 5 GREENWAY PLZ #110 HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 138291

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0240S	0310E	005	LOTS			4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	005	ALIQ			SWNW,W2SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	008	ALIQ			W2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 138291

Serial Number: NMNM-- - 138291

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
11/01/2017	387	CASE ESTABLISHED		
11/01/2017	516	FORMATION	BONE SPRING;	
11/01/2017	868	EFFECTIVE DATE	/A/	
01/08/2018	580	PROPOSAL RECEIVED	CA REC'D	
06/12/2018	334	AGRMT APPROVED		
10/31/2019	763	EXPIRES		

Serial Number: NMNM-- - 138291

Line Number	Remark Text
0001	
0002	/A/RECAPITULATION EFFECTIVE 11/01/2017
0003	TR# LEASE SERIAL NO AC COMMITTED % INTEREST
0004	1 NMNM 104730 120.25 37.54879
0005	2 NMNM 82904 40.00 12.49024
0006	3 NMNM 29234 120.00 37.47073
0007	4 NMNM 63757 40.00 12.49024
0008	TOTAL 320.25 100.00000

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 Date/Time: 8/6/2018 6:55 AM

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01 02-25-1920;041STAT0437;30USC181
Case Type 318310: O&G COMMUNITIZATION AGRMT
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
320.260

Serial Number

NMNM 138294

Serial Number: NMNM-- - 138294

Name & Address	Int Rel	% Interest
BLM CARLSBAD FO 620 E GREENE ST CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
OXY USA INC 5 GREENWAY PLZ #110 HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 138294

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0240S	0310E	005	LOTS			3;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	005	ALIQ			SENW,E2SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	008	ALIQ			E2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 138294

Serial Number: NMNM-- - 138294

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
11/01/2017	387	CASE ESTABLISHED		
11/01/2017	516	FORMATION	BONE SPRING;	
11/01/2017	868	EFFECTIVE DATE	/A/	
01/08/2018	580	PROPOSAL RECEIVED	CA REC'D	
06/29/2018	334	AGRMT APPROVED		
10/31/2019	763	EXPIRES		

Line Number Remark Text Serial Number: NMNM-- - 138294

0001			
0002	/A/RECAPITULATION EFFECTIVE 11/01/2017		
0003	TR#	LEASE SERIAL NO	AC COMMITTED % INTEREST
0004	1	NMNM 104730	160.26 50.04059
0005	2	NMNM 29234	160.00 49.95941
0006	TOTAL		320.26 100.00000

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 Date/Time: 8/6/2018 6:56 AM

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01 02-25-1920;041STAT0437;30USC181
Case Type 318310: O&G COMMUNITIZATION AGRMT
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
320.280

Serial Number

NMNM 138295

Name & Address		Serial Number: NMNM-- - 138295		Int Rel	% Interest
BLM CARLSBAD FO	620 E GREENE ST	CARLSBAD	NM 88220	OFFICE OF RECORD	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON	TX 770460521	OPERATOR	100.000000000

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	Serial Number: NMNM-- - 138295	County	Mgmt Agency
23	0240S	0310E	005	ALIQ			SWNE,W2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT	
23	0240S	0310E	005	LOTS			2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT	
23	0240S	0310E	008	ALIQ			W2E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT	

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 138295

Act Date	Act Code	Action Txt	Action Remarks	Serial Number: NMNM-- - 138295
11/01/2017	387	CASE ESTABLISHED		Pending Off
11/01/2017	516	FORMATION	BONE SPRING;	
11/01/2017	868	EFFECTIVE DATE	/A/	
01/08/2018	580	PROPOSAL RECEIVED	CA REC'D	
06/29/2018	334	AGRMT APPROVED		
10/31/2019	763	EXPIRES		

Line Number	Remark Text	Serial Number: NMNM-- - 138295
0001		
0002	/A/RECAPITULATION EFFECTIVE 11/01/2017	
0003	TR# LEASE SERIAL NO AC COMMITTED % INTEREST	
0004	1 NMNM 104730 160.28 50.04371	
0005	2 NMNM 031963 160.00 49.95629	
0006	TOTAL 320.28 100.00000	

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 Date/Time: 8/6/2018 6:57 AM

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01 02-25-1920;041STAT0437;30USC181
Case Type 318310: O&G COMMUNITIZATION AGRMT
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
320.090

Serial Number

NMNM 138296

Serial Number: NMNM-- - 138296

Name & Address	Int Rel	% Interest
BLM CARLSBAD FO 620 E GREENE ST CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000
OXY USA INC 5 GREENWAY PLZ #110 HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 138296

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0240S	0310E	005	LOTS			1;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	005	ALIQ			SENE,E2SE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0310E	008	ALIQ			E2E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 138296

Serial Number: NMNM-- - 138296

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
11/01/2017	387	CASE ESTABLISHED		
11/01/2017	516	FORMATION	BONE SPRING;	
11/01/2017	868	EFFECTIVE DATE	/A/	
01/08/2018	580	PROPOSAL RECEIVED	CA REC'D	
06/29/2018	334	AGRMT APPROVED		
10/31/2019	763	EXPIRES		

Serial Number: NMNM-- - 138296

Line Number	Remark Text
0001	-
0002	/A/RECAPITULATION EFFECTIVE 11/01/2017
0003	TR# LEASE SERIAL NO AC COMMITTED % INTEREST
0004	1 NMNM 104730 160.29 50.04527
0005	2 NMNM 031963 160.00 49.95473
0006	TOTAL 320.29 100.00000

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

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 12/11/18 03:48 PM

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

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

319.910

NMNM-- - 138992

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 138992

Name & Address

Int Rel

%Interest

BLM NMSO	301 DINOSAUR TRL	SANTA FE NM 875081560	OFFICE OF RECORD	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 138992

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0300E	001	ALIQ	W2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0300E	012	ALIQ	W2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 138992

Act Date	Code	Action	Action Remarks	Pending Office
05/01/2018	387	CASE ESTABLISHED		
05/01/2018	516	FORMATION	BONE SPRING	
05/01/2018	526	ACRES-FED INT 100%	319.91;100%	
05/01/2018	868	EFFECTIVE DATE	/A/	
06/25/2018	580	PROPOSAL RECEIVED	CA REC'D	
06/27/2018	654	AGRMT PRODUCING	NMNM138992, 12-1H	
11/02/2018	334	AGRMT APPROVED		
11/02/2018	690	AGRMT VALIDATED		

Line Nr Remarks

Serial Number: NMNM-- - 138992

0001				
0002	/A/RECAPITULATION EFFECTIVE 05/01/2018			
0003	TR#	LEASE SERIAL NO	AC COMMITTED	% INTEREST
0004	1	NMNM097133	159.91	50.00
0005	2	NMNM082896	160.00	50.00
0006		TOTAL	319.91	100.00

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 12/11/18 03:51 PM

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

Total Acres
319.940

Serial Number
~~NMNM-- - 138998~~

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 138995

Name & Address

Int Rel

%Interest

BLM NMSO	301 DINOSAUR TRL	SANTA FE NM 875081560	OFFICE OF RECORD	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 138995

Mer Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0300E	001	ALIQ		E2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23	0240S	0300E	012	ALIQ		E2W2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 138995

Act Date	Code	Action	Action Remarks	Pending Office
05/01/2018	387	CASE ESTABLISHED		
05/01/2018	516	FORMATION	BONE SPRING	
05/01/2018	526	ACRES-FED INT 100%	319.94;100%	
05/01/2018	868	EFFECTIVE DATE	/A/	
06/25/2018	580	PROPOSAL RECEIVED	CA REC'D	
06/30/2018	654	AGRMT PRODUCING	NMNM138995,12-9H	
11/01/2018	334	AGRMT APPROVED		
11/01/2018	690	AGRMT VALIDATED		

Line Nr Remarks Serial Number: NMNM-- - 138995

0001			
0002	/A/RECAPITULATION EFFECTIVE 05/01/2018		
0003	TR#	LEASE SERIAL NO	AC COMMITTED % INTEREST
0004	1	NMNM97133	159.94 50.000
0005	2	NMNM82896	160.00 50.000
0006	TOTAL		319.94 100.000

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

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 12/11/18 03:52 PM

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

Total Acres

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

160.000

~~NMNM-- - 138996~~

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED Case File Juris:

Serial Number: NMNM-- - 138996

Name & Address

Int Rel

%Interest

BLM NMSO	301 DINOSAUR TRL	SANTA FE NM 875081560	OFFICE OF RECORD	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 138996

Mer Twp Rng Sec SType Nr Suff Subdivision

District/Resource Area

County

Mgmt Agency

23	0240S	0300E	013	ALIQ	W2E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
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Serial Number: NMNM-- - 138996

Act Date

Code

Action

Action Remarks

Pending Office

05/01/2018	387	CASE ESTABLISHED		
05/01/2018	516	FORMATION	BONE SPRING	
05/01/2018	526	ACRES-FED INT 100%	160.00;100%	
05/01/2018	868	EFFECTIVE DATE	/A/	
06/25/2018	580	PROPOSAL RECEIVED	CA REC'D	
08/11/2018	654	AGRMT PRODUCING	NMNM138996,13-2H	
11/01/2018	334	AGRMT APPROVED		
11/01/2018	690	AGRMT VALIDATED		

Line Nr Remarks

Serial Number: NMNM-- - 138996

0001			
0002	/A/RECAPITULATION EFFECTIVE 05/01/2018		
0003	TR# LEASE SERIAL NO	AC COMMITTED	% INTEREST
0004	NMNM82896	80.00	50.00
0005	2 NMNM120897	80.00	50.00
0006	TOTAL	160.00	100.00

**BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) SERIAL REGISTER PAGE**

Run Date/Time: 12/11/18 03:53 PM

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

Total Acres
160.000

Serial Number
NMNM-- - 138997

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED **Case File Juris:**

Serial Number: NMNM-- - 138997

Name & Address			Int Rel	%Interest
BLM NMSO	301 DINOSAUR TRL	SANTA FE NM 875081560	OFFICE OF RECORD	0.000000000
OXY USA INC	5 GREENWAY PLZ #110	HOUSTON TX 770460521	OPERATOR	100.000000000

Serial Number: NMNM-- - 138997

Mer Twp	Rng	Sec	SType	Nr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23	0240S	0300E	013	ALIQ	E2E2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 138997

Act Date	Code	Action	Action Remarks	Pending Office
05/01/2018	387	CASE ESTABLISHED		
05/01/2018	516	FORMATION	STONE SPRING	
05/01/2018	526	ACRES-FED INT 100%	160.00;100%	
05/01/2018	868	EFFECTIVE DATE	/A/	
06/25/2018	580	PROPOSAL RECEIVED	CA REC'D	
08/11/2018	654	AGRMT PRODUCING	NMNM138997,13-3H	
11/01/2018	334	AGRMT APPROVED		
11/01/2018	690	AGRMT VALIDATED		

Line Nr **Remarks** **Serial Number:** NMNM-- - 138997

0001			
0002	/A/RECAPITULATION EFFECTIVE 05/01/2018		
0003	TR# LEASE SERIAL NO	AC COMMITTED	%INTEREST
0004	1 NMNM 92896	120.00	75.000
0005	2 NMNM 136214	40.00	25.000
0006	TOTAL	160.00	100.000

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

Sand Dunes South CTB, Palladium MDP, Patton MDP, Nimitz MDP, & Sunrise MDP wells (see list below)

**Oxy USA Inc.
December 12, 2018**

**Condition of Approval
Lease/CA Commingling, Off lease/CA 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.
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 or 43 CFR 3175 and API requirements for sales meters, or as approved in this approval to commingle production.
7. Oil measurement for allocation must be measured as per Onshore Order #4 or 43 CFR 3174 and API requirements for oil measurement, or as approved in this approval to commingle production.
8. 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" for royalty-bearing flared gas and disposition code 63 for royalty-bearing vented gas.
DC 33 = Flared gas – royalty due
DC 63 = Vented gas – royalty due
9. This agency shall be notified of any change in sales method or location of sales point.
10. Additional wells and/or leases/CAs require additional commingling approvals.
11. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.
12. Submit meter numbers upon installation of meters and also provide updated facility diagram with meters numbers.
13. This approval does not authorize any by passes around any allocation meter or metering separator, this is to include the use of headers to divert production other production equipment other than the approve measurement points.

Well Name	API #	Formation	Lease/CA
Nimitz MDP1 12 Federal Com 1H	3001544526	Bone Springs	NM82896/CA-NMNM138992
Nimitz MDP1 12 Federal Com 2H	3001544580	Bone Springs	NM82896/CA-NMNM138992
Nimitz MDP1 12 Federal Com 6H	3001544528	Bone Springs	NM82896/CA-Pending
Nimitz MDP1 12 Federal Com 7H	3001544529	Bone Springs	NM82896/CA-Pending
Nimitz MDP1 12 Federal Com 8H	3001544527	Bone Springs	NM82896/CA-Pending
Nimitz MDP1 12 Federal Com 9H	3001544581	Bone Springs	NM82896/CA-NMNM138992
Nimitz MDP1 13 Federal Com 1H	3001544524	Bone Springs	NM82896/CA-Pending
Nimitz MDP1 13 Federal Com 2H	3001544498	Bone Springs	NM82896/CA-NMNM138992
Nimitz MDP1 13 Federal Com 3H	3001544525	Bone Springs	NM82896/CA-NMNM138992
Palladium MDP1 7-6 Federal Com 1H	3001544298	Bone Springs	NM57273/CA-NM137968
Palladium MDP1 7-6 Federal Com 2H	3001544299	Bone Springs	NM57273/CA-NM137968
Palladium MDP1 7-6 Federal Com 3Y	3001544457	Bone Springs	NM57273/CA-NM137685
Palladium MDP1 7-6 Federal Com 4H	3001544295	Bone Springs	NM57273/CA-NM137686
Palladium MDP1 7-6 Federal Com 5H	3001544294	Bone Springs	NM57273/CA-NM137687
Palladium MDP1 7-6 Federal Com 6H	3001544293	Bone Springs	NM57273/CA-NM137601
Patton MDP1 17 Federal 1H	3001544459	Bone Springs	NM89172
Patton MDP1 17 Federal 2H	3001544460	Bone Springs	NM89172
Patton MDP1 17 Federal 3H	3001544496	Bone Springs	NM89172
Patton MDP1 17 Federal 4H	3001544497	Bone Springs	NM89172
Patton MDP1 17 Federal 5H	3001544444	Bone Springs	NM89172
Patton MDP1 17 Federal 6H	3001544445	Bone Springs	NM89172
Patton MDP1 17 Federal 23H	3001544459	Bone Springs	NM89819
Patton MDP1 17 Federal 33H	3001544338	Bone Springs	NM89819
Patton MDP1 17 Federal 73H	3001544318	Bone Springs	NM89819
Patton MDP1 18 Federal 1H	3001544317	Bone Springs	NM89819
Patton MDP1 18 Federal 2H	3001544337	Bone Springs	NM89819
Patton MDP1 18 Federal 3H	3001544333	Bone Springs	NM89819
Patton MDP1 18 Federal 5H	3001544272	Bone Springs	NM89819
Patton MDP1 18 Federal 6H	3001543854	Wolfcamp	NM89819
Patton MDP1 18 Federal 7H	3001544273	Bone Springs	NM89819
Patton MDP1 18 Federal 171H	3001544989	Wolfcamp	NM89172 Added to commingle
Patton MDP1 18 Federal 172H	3001544990	Wolfcamp	NM89172 Added to commingle
Patton MDP1 18 Federal 173H	3001544991	Wolfcamp	NM89172 Added to commingle
Patton MDP1 18 Federal 174H	3001545077	Wolfcamp	NM89172 Added to commingle
Patton MDP1 18 Federal 175H	3001545078	Wolfcamp	NM89172 Added to commingle
Patton MDP1 18 Federal 176H	3001545079	Wolfcamp	NM89172 Added to commingle
Sunrise MDP1 8-5 Federal Com 1H	3001544369	Bone Springs	NM63757/ CA-NMNM138291
Sunrise MDP1 8-5 Federal Com 2H	3001544395	Bone Springs	NM63757/ CA-NMNM138291
Sunrise MDP1 8-5 Federal Com 3H	3001544474	Bone Springs	NM29234/ CA-NMNM138294
Sunrise MDP1 8-5 Federal Com 4H	3001544475	Bone Springs	NM29234/ CA-NMNM138295
Sunrise MDP1 8-5 Federal Com 5H	3001544476	Bone Springs	NM031963/ CA-NMNM138296
Sunrise MDP1 8-5 Federal Com 6H	3001544473	Bone Springs	NM031963/ CA-NMNM138296

Leases involved in this commingle are: NMNM97133, NMNM82896, NMNM120897, NMNM136214, NMNM82904, NMNM57273, NMNM89819, NMNM104730, NMNM29234, NMNM63757, NMNM031963, NMNM89172;
All have a Royalty Rate 12.5%

Palladium MDP1 7-6 Federal Com wells

CA-NMNM137968 - includes Lease NM82904 - 50.08510% & NMNM57273 - 49.914490%

CA-NMNM137685 - includes Lease NM82904 - 50.02343% & NMNM57273 - 49.97657%

CA-NMNM137687 - includes Lease NM82904 - 50.03201% & NMNM57273 - 43.72199% & FEE - 6.24600%

CA-NMNM137686 - includes Lease NM82904 - 50.02967% & NMNM57273 - 37.47775% & FEE - 12.49258%

CA-NMNM137601 - includes Lease NM82904 - 50.03435% & NMNM57273 - 49.96565%

Nimitz MDP1 12 & 13 Federal Com wells

CAs – Pending Nimitz

Nimitz MDP1 12 Federal Com 1H
Nimitz MDP1 12 Federal Com 2H
Nimitz MDP1 12 Federal Com 6H
Nimitz MDP1 12 Federal Com 7H
Nimitz MDP1 12 Federal Com 8H
Nimitz MDP1 12 Federal Com 9H
Nimitz MDP1 13 Federal Com 1H
Nimitz MDP1 13 Federal Com 2H
Nimitz MDP1 13 Federal Com 3H

CA-NMNM138992 - NMNM97133 – 50% & NMNM82896 – 50%
CA-NMNM138992 - NMNM97133 – 50% & NMNM82896 – 50%
CA-Pending - NMNM97133 – 50% & NMNM82896 – 37.5% & Fee – 12.5%
CA-Pending - NMNM97133 – 50% & NMNM82896 – 43.75% & Fee – 6.25%
CA-Pending - NMNM97133 – 50% & NMNM82896 – 50%
CA-NMNM138995 - NMNM97133 – 50% & NMNM82896 – 50%
CA-Pending - NMNM120897 – 50% & NMNM82896 – 50%
CA-NMNM138996 - NMNM120897 – 50% & NMNM82896 – 50%
CA-NMNM138997 - NMNM136214 – 25% & NMNM82896 – 75%

Sunrise MDP1 8-5 Federal Com wells

CAs – Pending Sunrise

Sunrise MDP1 8-5 Federal Com 1H
12.5%, NMNM104730 – 37.5%
Sunrise MDP1 8-5 Federal Com 2H
– 6.25%, NMNM104730 – 43.75%
Sunrise MDP1 8-5 Federal Com 3H
12.5%, NMNM104730 – 37.5%
Sunrise MDP1 8-5 Federal Com 4H
Sunrise MDP1 8-5 Federal Com 5H
Sunrise MDP1 8-5 Federal Com 6H

CA – NMNM138291 - NMNM63757 – 12.5%, NMNM29234 – 37.5%, NMNM82904 –
CA – NMNM138291 - NMNM63757 – 6.25%, NMNM29234 – 43.75%, NMNM82904
CA – NMNM138294 - NMNM63757 – 12.5%, NMNM29234 – 37.5%, NMNM82904 –
CA – NMNM138295 - NMNM031963 – 50%, & NMNM104730 – 50%
CA – NMNM138296 - NMNM031963 – 50%, & NMNM104730 – 50%
CA – NMNM138296 - NMNM031963 – 50%, & NMNM104730 – 50%