

Revised March 23, 2017

RECEIVED: <u>12/12/2018</u>	REVIEWER: <u>MA</u>	TYPE: <u>CTB</u>	APP NO: <u>DM/AM 18346 54526</u>
--------------------------------	------------------------	---------------------	-------------------------------------

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Applicant: <u>OXY USA INC</u>	OGRID Number: <u>16696</u> ✓
Well Name: <u>SUNDANCE 8 FEDERAL #2 & #3Q</u>	API: <u>30-015-27229 & 30-015-32775</u>
Pool: <u>SAND DUNES, DELAWARE, SOUTH</u>	Pool Code: <u>53818</u>

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

C 73-881

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location - Spacing Unit - Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
- [I] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

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

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

SANDRA MUSALLAM
 Print or Type Name

Sandra Musallam
 Signature

12/12/2018
 Date

713-366-5106
 Phone Number

SANDRA_MUSALLAM@OXY.COM
 e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: OXY USA WTP LIMITED PARTNERSHIP
OPERATOR ADDRESS: 5 GREENWAY PLAZA SUITE 110, HOUSTON TX 77046
APPLICATION TYPE:

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: Fee State Federal

Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
 Yes No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

- (2) Are any wells producing at top allowables? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No.
(4) Measurement type: Metering Other (Specify)
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

- (1) Pool Name and Code. SAND DUNES;DELAWARE, SOUTH (53818)
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify) WELL TEST

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

- (1) Is all production from same source of supply? Yes No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Sandra Musallam TITLE: REGULATORY ENGINEER DATE: 12/12/2018

TYPE OR PRINT NAME SANDRA MUSALLAM TELEPHONE NO.: 713-366-5106

E-MAIL ADDRESS: SANDRA_MUSALLAM@OXY.COM

**APPLICATION FOR LEASE COMMINGLE AND OFF-LEASE STORAGE, MEASUREMENT AND SALES
Commingling proposal for Sundance 8 Federal 1 Battery**

OXY USA INC requests approval for a Lease Commingling and off-lease storage, measurement and sales at the Sundance 8 Federal 1 Battery (LAT 32.23818 LONG -103.80344, D/C-08-24S-31E).

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

Wells feeding the battery are listed below.

POOL - SAND DUNES;DELAWARE, SOUTH (53818)

WELL NAME	API	LOCATION	OIL (BPD)	API GRAVITY	GAS (MCFPD)	BTU	WATER (BPD)
BLM 12.5% NMNM029234							
SUNDANCE 8 FEDERAL #2	30-015-27229	E-08-24S-31E	14	39.7	14	1305	70
BLM 12.5% NMNM063757							
SUNDANCE 8 FEDERAL #3Q	30-015-32775	M-08-24S-31E	3	39.7	9	1305	43

Process Flow:

Production will flow through a heater-treater. Oil will then flow to two oil storage tanks before being pumped to sales. The tanks are strapped (oil FMP) to determine the oil sales volume. Gas will flow from the heater-treater to sales meter DCP 13155025 (gas FMP).

For well testing purposes, a well is shut-in while the other produces. The oil tank is strapped to determine the volume of oil produced, and the daily reading on DCP 13155025 determines the gas volume produced. All wells have been online for over fifteen years and have established production. They will be individually tested on a monthly basis for allocation purposes.

Produced water will be sent to the Sand Dunes Salt Water Disposal system.

Additional Application Components:

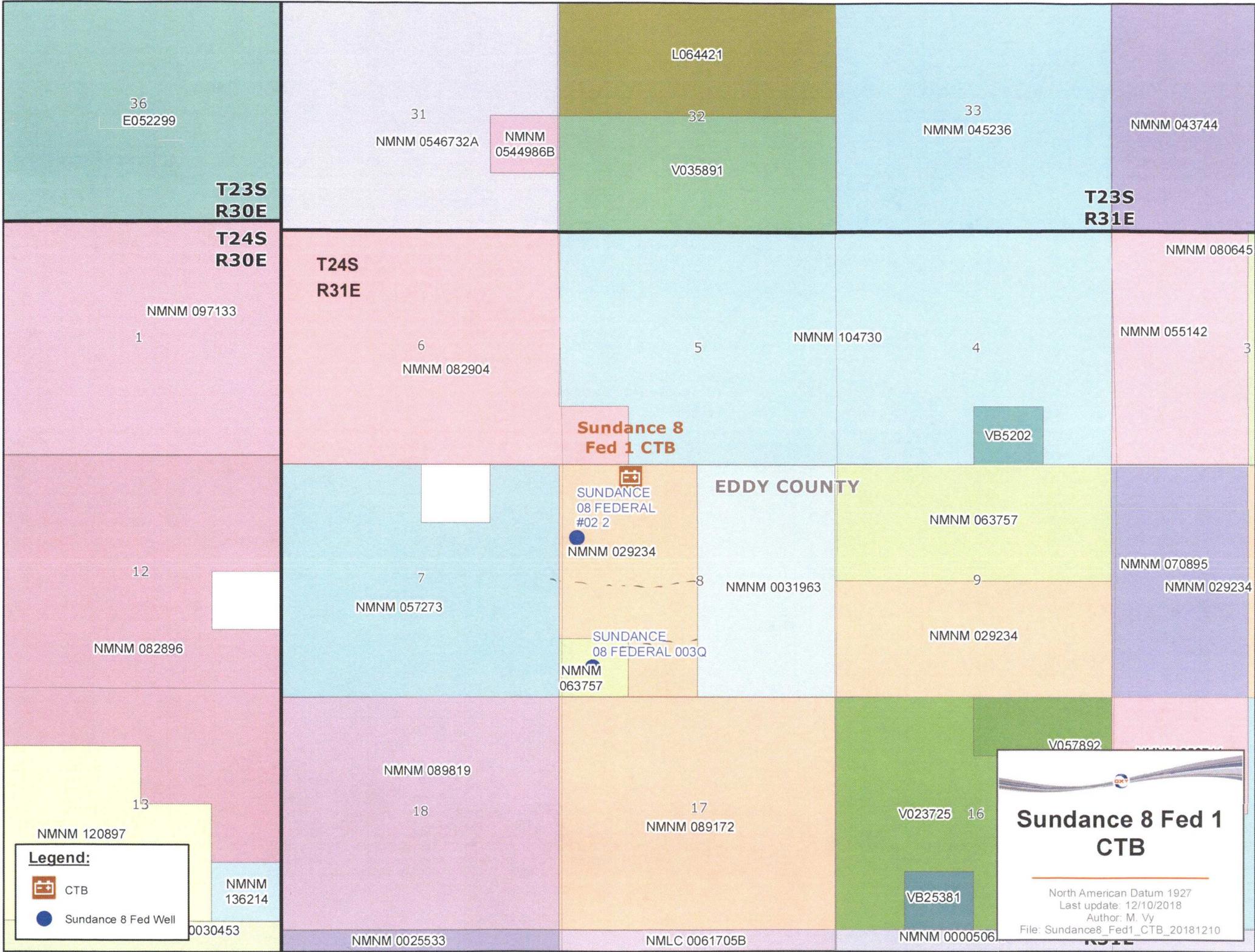
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundary, well and battery locations.

The gas meter 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.

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.

The surface commingling application will be submitted separately for approval per NMOCD and BLM regulations.



36
E052299

31
NMNM 0546732A
NMNM 0544986B

L064421

32
V035891

33
NMNM 045236

NMNM 043744

**T23S
R30E**

**T23S
R31E**

**T24S
R30E**

**T24S
R31E**

NMNM 080645

NMNM 097133

1

6
NMNM 082904

5

NMNM 104730

4

NMNM 055142

**Sundance 8
Fed 1 CTB**

VB5202

EDDY COUNTY

SUNDANCE
08 FEDERAL
#02 2

NMNM 029234

NMNM 063757

NMNM 070895

12

NMNM 082896

7

NMNM 057273

8

NMNM 0031963

9

NMNM 029234

SUNDANCE
08 FEDERAL 003Q

NMNM
063757

NMNM 029234

V057892

13

NMNM 120897

NMNM 089819

18

17

NMNM 089172

V023725 16

**Sundance 8 Fed 1
CTB**

Legend:

- CTB
- Sundance 8 Fed Well

NMNM
136214

0030453

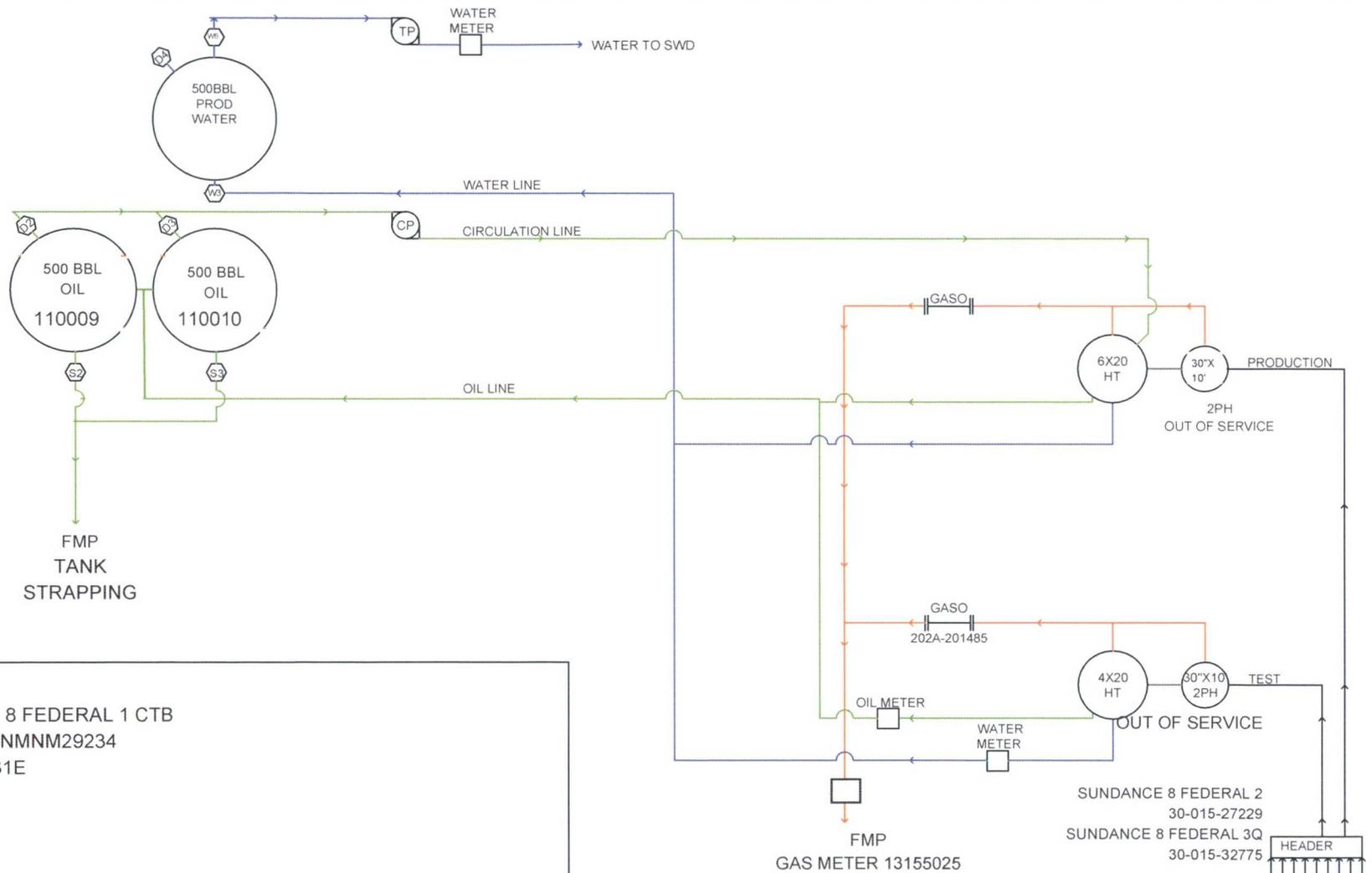
NMNM 0025533

NMLC 0061705B

VB25381

NMNM 0000506

North American Datum 1927
Last update: 12/10/2018
Author: M. Vy
File: Sundance8_Fed1_CTB_20181210



OXY USA INC
 LEASE: SUNDANCE 8 FEDERAL 1 CTB
 LEASE SERIAL NO: NMNM29234
 SECTION 8 T24S R31E
 EDDY CO NM

NOTE:

REFERENCE DRAWINGS		REVISIONS				ENGINEERING RECORD	
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK	APP.



Occidental
PERMIAN LTD.

SITE FACILITY DIAGRAM
 PATTON 18 FEDERAL BATTERY
 EDDY COUNTY, NEW MEXICO

PROJ ENGR: C. VASQUEZ
 SCALE: NONE

PLOT SCALE: DWG. NO. 001
 CAD NO. REV A

Sundance 8 Federal Battery Production Data

Sundance 8 Federal #2 (30-015-27229)			
Month	Oil (BBL)	Gas (MCF)	Water (BBL)
Apr-2018	465	352	1595
May-2018	337	356	1566
Jun-2018	375	416	1771
Jul-2018	388	464	2516
Aug-2018	353	355	2474
Sep-2018	191	301	949

Sundance 8 Federal #3Q (30-015-32775)			
Month	Oil (BBL)	Gas (MCF)	Water (BBL)
Apr-2018	78	405	864
May-2018	128	216	1279
Jun-2018	109	152	1181
Jul-2018	79	315	1265
Aug-2018	26	73	857
Sep-2018	0	0	0



December 12, 2018

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

To Whom It May Concern:

This is to advise you that OXY USA INC is filing a surface commingle permit with the New Mexico Oil Conservation Division and Bureau of Land Management. Wells included in the application are listed below.

- Sundance 8 Federal #2: 30-015-27229
- Sundance 8 Federal #3Q: 30-015-32775

A copy of the application is enclosed for your review.

Pursuant to NMAC 19.15.23.9, interested parties must file objections or requests for hearing in writing with the New Mexico Oil Conservation Division office within 20 days after notice, or the Commission may approve the application.

For questions pertaining to the application, please contact Sandra Musallam at (713) 366-5106.

Respectfully,

OXY USA INC
Sandra Musallam
Regulatory Engineer – Compliance Lead
(713) 366-5106
Sandra_Musallam@oxy.com

OWNER NAME_1	ADDRESS_1	CITY_1	STATE_1	ZIP_1	TRACKING NUMBERS
MINERALS MANAGEMENT SERVICE	PO BOX 25627	DENVER	CO	80225	WIS SYSTEM
AGEL, RONALD C	49 COMMONWEALTH AVENUE	BOSTON	MA	02116	7018 1830 0000 8832 3815
BARBE, CHAD	PO BOX 2107	ROSWELL	NM	88202	7018 1830 0000 8832 3624
BRILI LLC	2135 SEDONA HILLS PARKWAY	LAS CRUCES	NM	88011	7018 1830 0000 8832 3631
COMMUNITIES FOUNDATION OF TEXAS	PO BOX 1588	TULSA	OK	74101	7018 1830 0000 8832 3648
ECKELS, CHRISTOPHER RICHARD F	P O BOX 30	CEDAREGE	CO	81413	7018 1830 0000 8832 3655
ESCONDIDO OIL & GAS	PO BOX 51390	MIDLAND	TX	79710	7018 1830 0000 8832 3662
HANNIFIN, ALAN R	P O BOX 8874	DENVER	CO	80201	7018 1830 0000 8832 3679
HANNIFIN, SHAWN PATRICK	730 17TH ST STE 325	DENVER	CO	80202	7018 1830 0000 8832 3686
HONEYMAN, LANELL	406 SKYWOOD CIRCLE	MIDLAND	TX	79705	7018 1830 0000 8832 3693
ICE, JAN C	POST OFFICE BOX 7366	KENT	WA	98042	7018 1830 0000 8832 3709
JPT FAMILY JV#1	PO DRAWER 99084	FORT WORTH	TX	76199	7018 1830 0000 8832 3716
LESLIE ROBERT HONEYMAN TRUST	406 SKYWOOD CIRCLE	MIDLAND	TX	79705	7018 1830 0000 8832 3525
LILLEY, TIM & TASHINA	4873 RAINTREE CIRCLE	PARKER	CO	80134	7018 1830 0000 8832 3532
MAP 92-96 MGD	P O BOX 268984	OKLAHOMA CITY	OK	73126	7018 1830 0000 8832 3549
MAP HOLDINGS - OKLA. GEN PRTNRSH	PO BOX 268947	OKLAHOMA CITY	OK	73126	7018 1830 0000 8832 3556
MORGAN MINERALS TRUST	1209 KNOLL CREST COURT	GRAPEVINE	TX	76051	7018 1830 0000 8832 3563
NUEVO SEIS LIMITED PARTNERSHIP	PO BOX 2588	ROSWELL	NM	88202	7018 1830 0000 8832 3570
OPPERMAN, L E	1505 NEELY	MIDLAND	TX	79705	7018 1830 0000 8832 3587
ROBERT EDWARD ECKELS JR LLC	POST OFFICE BOX 1093	CEDAREGE	CO	81413	7018 1830 0000 8832 3594
S & E ROYALTY LLC	8470 WEST 4TH AVENUE	DENVER	CO	80226	7018 1830 0000 8832 3600
SANTA ELENA MINERALS IV LP	P O BOX 2063	MIDLAND	TX	79702	7018 1830 0000 8832 3617
T-BAR OIL & GAS LTD	P O BOX 247	CRESTED BUTTE	CO	81224	7018 1830 0000 8832 5024
VIPER ENERGY PARTNERS LLC	9400N BROADWAY SUITE 700	OKLAHOMA CITY	OK	73114	7018 1830 0000 8832 5031
CHEVRON U S A INC	P O BOX 730436	DALLAS	TX	75373	7018 1830 0000 8832 5048
OXY USA INC	P O BOX 27570	HOUSTON	TX	77227	
EMG REVOC TRUST	1000 W FOURTH STREET	ROSWELL	NM	88201	7018 1830 0000 8832 5055
F ANDREW GROOMS SSP TRUST	P O BOX 2990	RUIDOSO	NM	88355	7018 1830 0000 8832 5062
FAVOR, MARY JANE	P O BOX 96	HAYNEVILLE	AL	36040	7018 1830 0000 8832 5079
SORENSEN, DAVID J	BOX 1453	ROSWELL	NM	88201	7018 1830 0000 8832 5086
WILBUR D & AFTON H WILSON REV TRST	1013 EAST 5400 SOUTH	OGDEN	UT	84405	7018 1830 0000 8832 4928

DATE MAILED
12/12/2018

District I
 PO Box 1908, Hobbs, NM 88241-1908
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-10
 Revised February 10, 199
 Instructions on back
 Submit to Appropriate District Office:
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. Well Number		2. Pool Code		3. Pool Name	
		96036		Undesignated Delaware	
4. Property Code		5. Property Name			6. Well Number
13794		Sundance "8" Federal			2
7. OGRID No.		8. Operator Name			9. Elevation
017891		POGO PRODUCING COMPANY			3513'

10. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	B	24S	31E		1650	North	330	West	Eddy

11. Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12. Dedicated Acres	13. Joint or Infill	14. Consolidation Code	15. Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 1650' 31. 3512' E1. 3510' E1. 3512' E1. 3498' 330' 		17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature JAMES M. c. Ritchie, Jr. Printed Name AGENT Title 4/30/94 Date
		18. SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. April 19, 1994 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number 648

District I
PO Box 1900, Hobbs, NM 88241-1900
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brann Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies
 AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Pogo Producing Company P. O. Box 10340, Midland, TX 79702-7340		OGRID Number 017891
API Number 30 - 0 15-27229		Reason for Filing Code CO
Property Code 13794	Pool Name Sundance - Delaware - South	Pool Code 50008
	Property Name Sundance - Federal	Well Number 2

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
E	8	24S	31E		1650	North	330	West	Eddy

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County

Law Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
----------	-----------------------	---------------------	---------------------	----------------------	-----------------------

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
22628	TX-NM Pipeline Company P. O. Box 60028 San Angelo, TX 76906	281135	O	
32109	Hadson Gas G&P Co. 921 Sanger, Hobbs, NM 88240-4917	281136	G	
				RECEIVED
				MAR 1 1996

IV. Produced Water

POD 281137	POD ULSTR Location and Description
---------------	------------------------------------

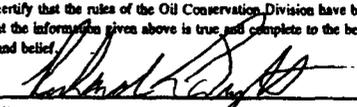
V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Cap. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name: Richard L. Wright

Title: Division Operations Manager

Date: 2/29/96 Phone: (915) 682-6822

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: MAR 4 1996

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

DISTRICT I
P.O. Box 1890, Hobbs, NM 88241-1890

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code	Pool Name
	53818	SAND DUNES DELAWARE-SOUTH
Property Code	Property Name	Well Number
	SUNDANCE "8" FED.	3
OGRID No.	Operator Name	Elevation
17891	POGO PRODUCING COMPANY	3533'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	24-S	31-E		660	SOUTH	660	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>WGS 84 LAT. 32°13'35.12"N LONG. 103°48'22.57"W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T. Janica</i> Signature</p> <p>Joe T. Janica Printed Name</p> <p>Agent Title</p> <p>02/18/03 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 21, 2003</p> <p>Date Surveyed _____ L.A.</p> <p>Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> 1/23/03 03.17.0098</p> <p>Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641</p>

EXHIBIT "A"