

67M00-200625-C-107B CTB-881-A

Revised March 23, 2017

RECEIVED: 6/25/20	REVIEWER: DM	TYPE: CTB	APP NO: pMAM1834654526
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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: OXY USA INC. **OGRID Number:** 16696
Well Name: SUNDANCE 8 FEDERAL #2 & OTHERS **API:** 30-015-27229 & OTHERS
Pool: SAND DUNES; DELAWARE, SOUTH **Pool Code:** 53818

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

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 holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐

Notice Complete

☐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.

6/30/2020

Date

KATHLEEN MOWERY

Print or Type Name

713-366-5109

Phone Number

Kathleen Mowery
 Signature

KATHLEEN_MOWERY@OXY.COM

e-mail Address



**OXY USA WTP Limited Partnership / OXY
USA INC / OCCIDENTAL PERMIAN LTD**
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046
P.O. Box 4294, Houston, Texas 77210-4294
Direct: 713.366.5109
Kathleen_Mowery@oxy.com

June 30, 2020

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Application for Amendment to Lease Commingle Permit and Off-lease Measurement, Sales, & Storage for Wells at the Sundance 8 Federal 1 Battery in Eddy County, New Mexico.

Dear Interest Owner:

This is to advise you that OXY USA INC. is filing an amendment to Order CTB-881 for surface commingling at the Sundance 8 Federal 1 Battery. A copy of the application submitted to the Division is attached.

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

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

For questions regarding this application, please contact Kathleen Mowery at (713) 366-5109.

Respectfully,

A handwritten signature in blue ink that reads "Kathleen Mowery".

OXY USA INC.
Kathleen Mowery
Regulatory Engineer
Kathleen_Mowery@oxy.com

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 IV1220 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 DIVISION1220 S. St Francis Drive
Santa Fe, New Mexico 87505Submit 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 INC.

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 ☒ FederalIs this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. CTB-881

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: Kathleen Mowery TITLE: REGULATORY ENGINEER DATE: 6/30/2020TYPE OR PRINT NAME KATHLEEN MOWERY TELEPHONE NO.: 713-566-5109E-MAIL ADDRESS: KATHLEEN_MOWERY@OXY.COM

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

OXY USA INC respectfully requests to amend CTB-881 to add Palladium 7 Federal #005 to 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.

LEASE COMMINGLE**POOL: SAND DUNES; DELAWARE, SOUTH (53818)**

Well Name	API	Surface Location	OIL (BPD)	API Gravity	GAS (MCFPD)	BTU	WATER (BPD)
BLM 12.5% NMNM 029234							
SUNDANCE 8 FEDERAL #2	30-015-27229	E-08-24S-31E	7	40	0	1318	7
BLM 12.5% NMNM 063757							
SUNDANCE 8 FEDERAL #3Q	30-015-32775	M-08-24S-31E	6	40	0	1318	5
BLM 12.5% NMNM 057273							
PALLADIUM 7 FEDERAL #005	30-015-32816	F-07-24S-31E	25	40	41	1300	123

Process Description:

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:

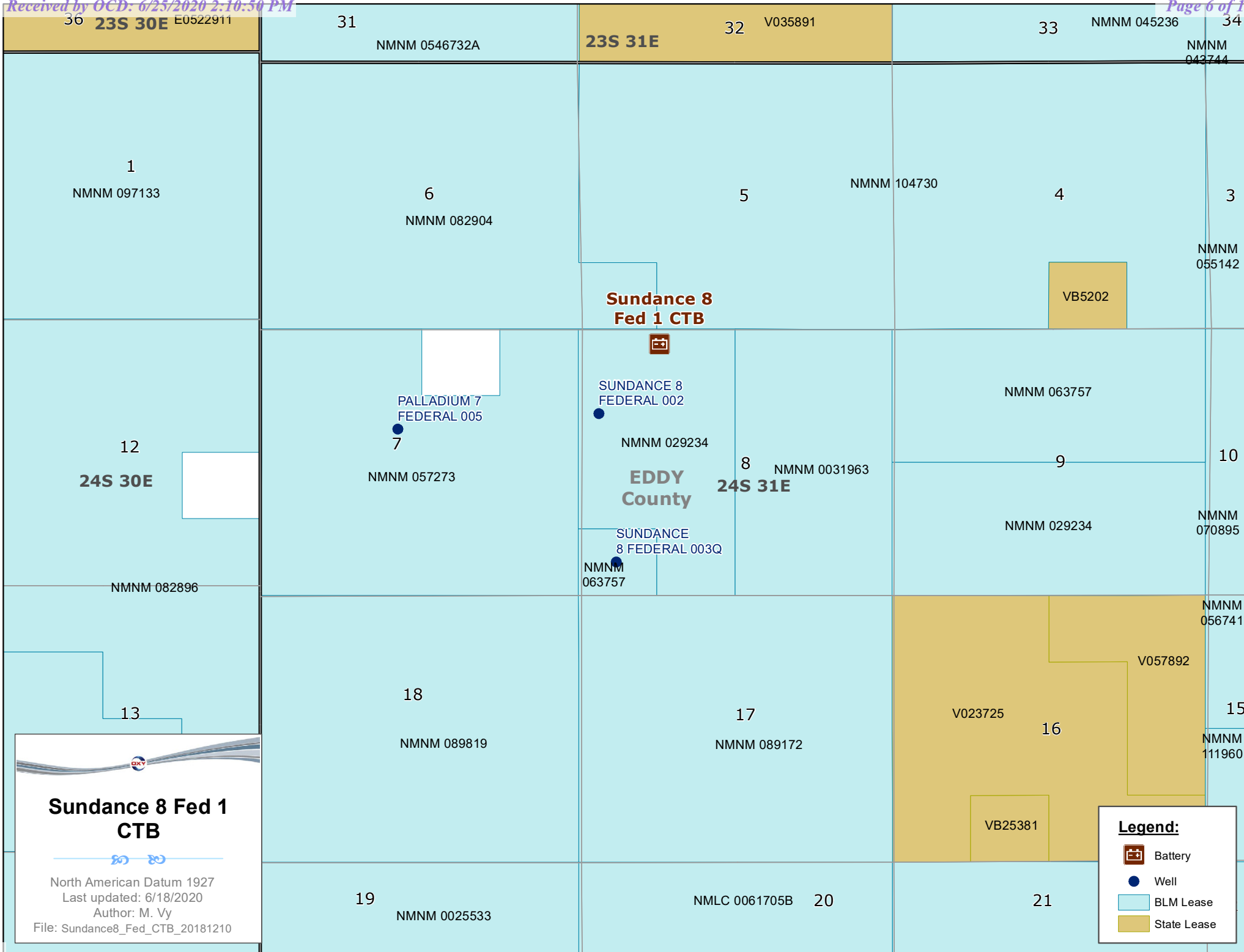
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

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

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.





(July 1992)

Oil Cons.

Page 7 of 13

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. DIVISION

301 W. Grand Avenue

ARTESIA, NM 88210

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐SINGLE ZONE ☒MULTIPLE ZONE ☐

2. NAME OF OPERATOR

POGO PRODUCING COMPANY

(RICHARD WRIGHT 915-685-8140)

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 (915-685-8140)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

1980' FNL & 2310' FWL SECTION 7 T24S-R31E EDDY CO. NM

At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approximately 15 miles East Southeast of Carlsbad New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

1980'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

1320'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3494' GR. Carlsbad Controlled Water Basin

23.

22. APPROX. DATE WORK WILL START WHEN APPROVED

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface with Redi-mix
17 1/2"	H-40 13 3/8"	48	975	1050 Sx. circulate to surface
11"	J-55 8 5/8"	32	4150	1200 Sx " " "
7 7/8"	J-55 5 1/2"	17 & 15.5	8500'	1750 Sx. 3 stages TOC surface

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 975'. Run and set 975' of 13 3/8" 48# H-40 ST&C casing. Cement with 800 Sx. of 65/35/6 Class "C" POZ-GEL, tail in with 250 Sx of Class "C" cement + 2% CaCl, + 1/2# Flocele/Sx., circulate cement to surface.
3. Drill 11" hole to 4150'. Run and set 4150' of 8 5/8" 32# J-55 ST&C casing. Cement with 1000 Sx. of 65/35/6 Class "C" POZ-GEL + 5% Salt, tail in with 200 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
4. Drill 7 7/8" hole to 8500'. Run and set 5 1/2" casing as follows: 2500' of 5 1/2" 17# J-55 LT&C, 5000' of 5 1/2" 15.5# J-55 LT&C, 1000' of 5 1/2" 17# J-55 LT&C casing. Cement in 3 stages with DV Tools at 8500' & 3700'±. Cement 1st stage with 650 Sx. of Class "H" cement + additives, 2nd stage cement with 600 Sx. of Class "C" cement + 8# of Gilsonite/Sx., 3rd stage cement with 400 Sx. of 65/35/6 Class "C" POZ-GEL, tqil in with 100 Sx. of Class "C" + 1% CaCl, circulate cement to surface.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED DeT. Canica

TITLE Agent

DATE 03/22/03

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject property. It only certifies that the applicant has provided the information required by this form and that the applicant is qualified to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

ACTING

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

APPROVED BY

/s/ Richard A. Whitley

TITLE

STATE DIRECTOR

DATE

MAY 23 2003

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes 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.

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

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

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 53818	Pool Name SAND DUNES DELAWARE SOUTH
Property Code	Property Name PALLADIUM 7 FEDERAL	Well Number 5
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3494'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	7	24-S	31-E		1980'	NORTH	2310'	WEST	EDDY

Bottom Hole Location If Different From Surface

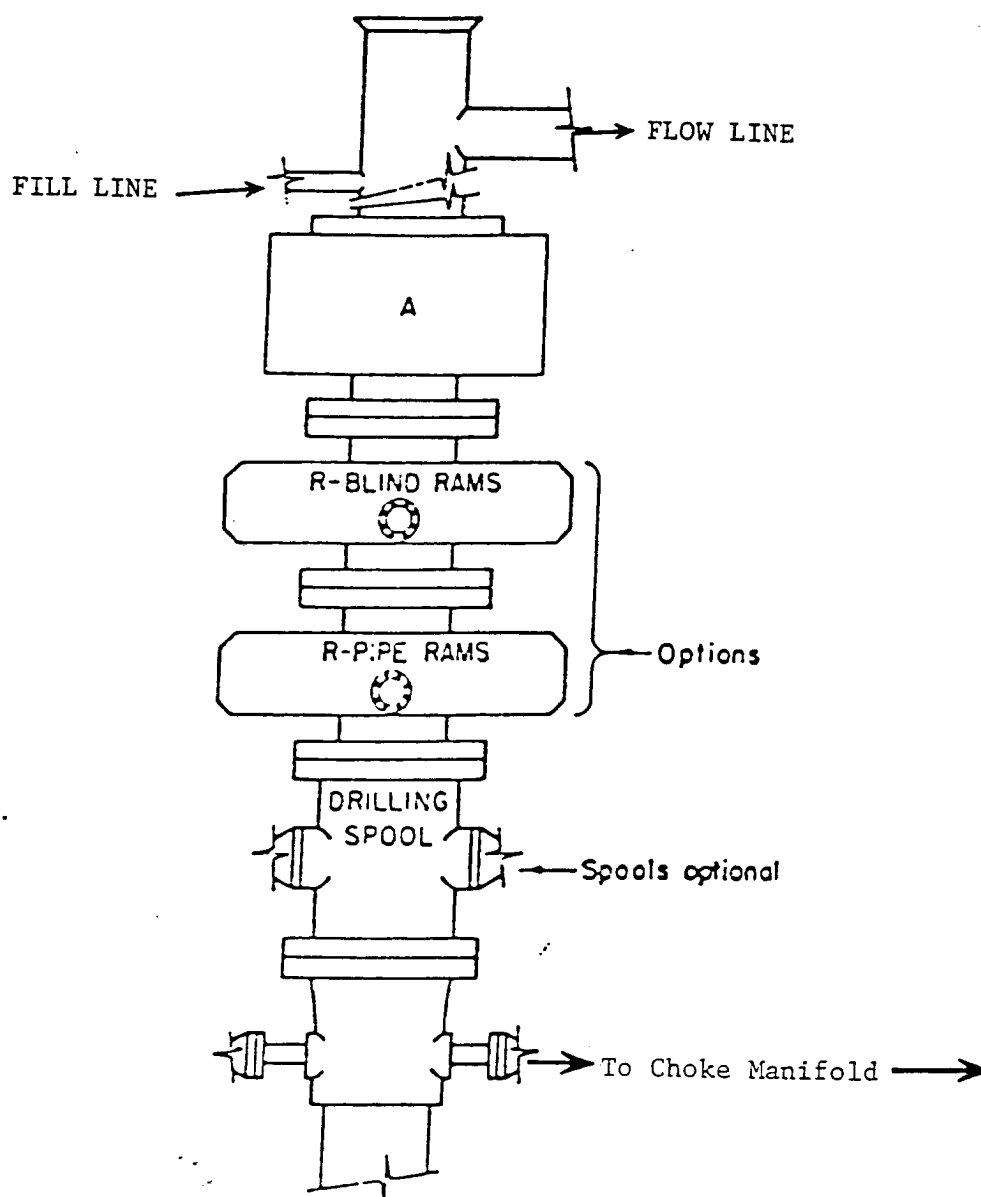
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>LOT 1</p> <p>41.75 AC LOT 2</p> <p>41.78 AC LOT 3</p> <p>41.80 AC LOT 4</p> <p>41.83 AC</p> <p>2310'</p> <p>1980'</p> <p>3465.7'</p> <p>3466.9'</p> <p>3475.9'</p> <p>3476.0'</p> <p>GEODETIC COORDINATES NAD 27 NME Y = 449070.3 X = 659437.3 LAT. 32°14'00.81"N LONG. 103°49'03.73"W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 03/22/03 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>MARCH 06, 2003</p> <p>Date Surveyed A.W.B. Signature & Seal of Professional Surveyor <i>Gary J. Edson</i> 3/10/03 03.11/0279 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641</p>
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EXHIBIT "A"



ARRANGEMENT SRRA

900 Series
3000 PSI WP

EXHIBIT "E"
SKETCH OF B.O.P. TO BE USED ON

POGO PRODUCING COMPANY
PALLADIUM "7" FEDERAL # 5
UNIT "F" SECTION 7
T24S-R31E EDDY CO. NM

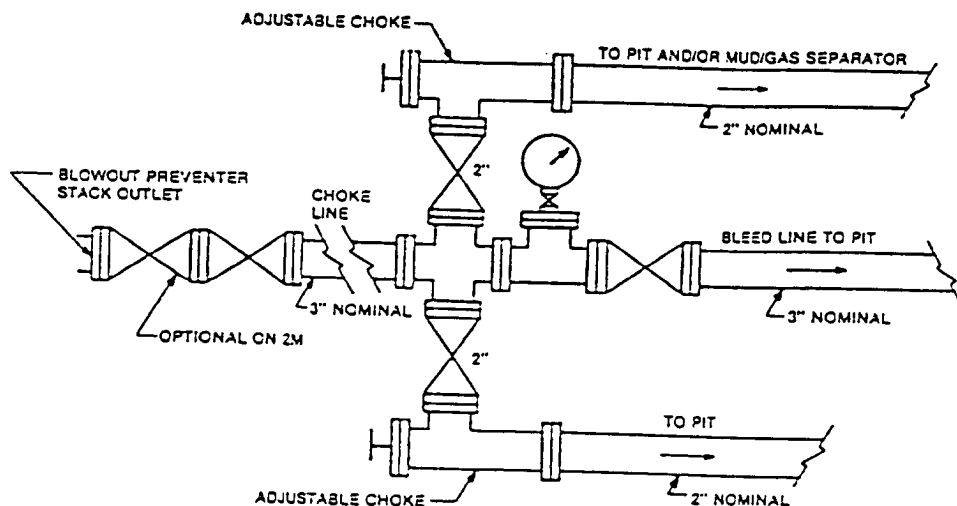


FIGURE K4-1. Typical choke manifold assembly for 2M and 3M rated working pressure service — surface installation.

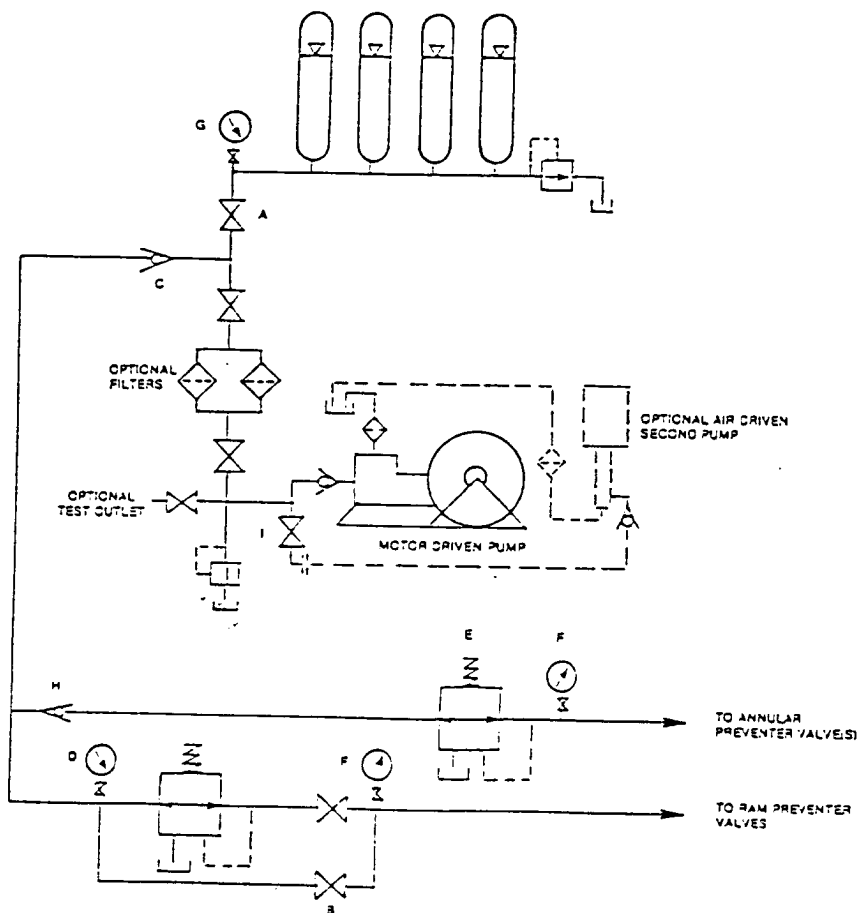


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

POGO PRODUCING COMPANY
PALLADIUM "7" FEDERAL # 5
UNIT "F" SECTION 7
T24S-R31E EDDY CO. NM

District I
PO Box 1988, Hobbs, NM 88241-1988
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

APN Number		Pool Code 96036	Pool Name Undesignated Delaware
Property Code 13794	Property Name Sundance "8" Federal		Well Number 2
OCRID No. 017891	Operator Name POGO PRODUCING COMPANY		Elevation 3513'

10 Surface Location

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

11 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

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

District I
PO Box 1900, Hobbs, NM 88241-1900
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-104
Revised February 10, 1994
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☐ 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
		Reason for Filing Code CO
API Number 30 - 0 15-27229	Pool Name Sand Dunes Delaware, South	Pool Code 53818
Property Code 13794	Property Name Sundance 8 Federal	Well Number 2

II. Surface Location

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

Bottom Hole Location

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

Lee 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	2811135	O	
32109	Hadson Gas G&P Co. 921 Sanger, Hobbs, NM 88240-4917	2811136	G	

IV. Produced Water

POD	POD ULSTR Location and Description
2811137	

V. Well Completion Data

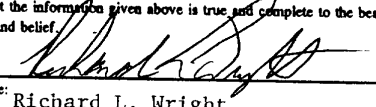
Spud Date	Ready Date	TD	PBTD	Perforations

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	Csg. 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 1980, Hobbs, NM 88241-1980

DISTRICT II

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

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 53818	Pool Name SAND DUNES DELAWARE-SOUTH
Property Code	Property Name SUNDANCE "8" FED.	Well Number 3
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 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 40	Joint or Infill	Consolidation Code	Order No.						

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

<p>WGS 84 LAT. 32°13'35.12"N LONG. 103°48'22.57"W</p> <p>SEE DETAIL</p>	<p>DETAIL</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the 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</p> <p><i>Ronald J. Eidson</i> 03.11.0098</p> <p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p>	

EXHIBIT "A"