

RECEIVED: 2/13/2019	REVIEWER: [MAM]	TYPE:	APP NO: pMAM1904443781
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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: CHRISTOPHER 31 FEDERAL #2 & LEAH 31 FEDERAL #1 **API:** 30-015-27617 & 30-015-27617
Pool: SAND DUNES ; DELAWARE, WEST **Pool Code:** 53815

**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 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

- ☐ 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.

Emily Messer

Print or Type Name

Emily Messer

Signature

Date

1-31-19

713-497-2076

Phone Number

Emily_Messer@oxy.com

e-mail Address

McMillan, Michael, EMNRD

From: Messer, Emily J <Emily_Messer@oxy.com>
Sent: Wednesday, February 13, 2019 12:02 PM
To: McMillan, Michael, EMNRD
Subject: [EXT] Christopher 31 Federal #2 Battery Commingle Application
Attachments: Christopher and Leah NMOCD Submittal.PDF; Christopher and Leah Well List NMOCD.xlsx

Good afternoon Mike,

OXY USA INC requests commingling approval at the Christopher 31 Federal #2 Battery. Please see attached application for Lease Commingle and Off-Lease Storage, Measurement and Sales.

Let me know if you have any questions or need additional information.

Thanks!

Emily Messer
Regulatory Engineer
O: 713.497.2076
C: 281.468.6252

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 INC.

OPERATOR ADDRESS: PO BOX 4294 HOUSTON, TX 77210

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 allowances? ☐ 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. RED TANK; DELAWARE, WEST (51689)
(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 Tests

(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: Emily Messer TITLE: REGULATORY ENGINEER DATE: 1-31-19

TYPE OR PRINT NAME EMILY MESSER TELEPHONE NO.: 713-497-2076

E-MAIL ADDRESS: EMILY_MESSER@OXY.COM

APPLICATION FOR LEASE COMMINGLE AND OFF-LEASE STORAGE, MEASUREMENT AND SALES
Commingling proposal for Christopher 31 Federal #2 Battery

OXY USA INC requests approval for a Lease Commingle and off-lease storage, measurement and sales at the Christopher 31 Federal #2 Battery (LAT 32.26241 LONG -103.80943, H-31-23S-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, WEST (53815)

Well Name	API	Surface Location	Oil (BOPD)	Gravity API	Gas (MSCFD)	BTU/cf	Water (BWPD)
12.5% BLM ROYALTY (NMNM0546732A)							
CHRISTOPHER 31 FEDERAL #2	30-015-27617	H-31-23S-31E	1	37.5	9	1265	85
12.5% BLM ROYALTY (NMNM0544986B)							
LEAH 31 FEDERAL #1	30-015-27624	I-31-23S-31E	5	38.7	6	1284	136

Process Flow:

Production will flow through a 6' X 20' heater-treater. Oil will then flow to two oil storage tanks before being trucked to sales (oil FMP, LAT 32.26241 LONG -103.80943). Gas will flow from the heater-treater to orifice meter #74049 (OXY check meter), which will serve as the gas FMP (LAT 32.26241 LONG -103.80943) for the purpose of royalty payments.

For well testing purposes, production is sent to a 4' X 20' heater treater, which is equipped with a water meter, oil meter (445367), and gas orifice meter (14964T). All wells have been online for over twenty 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:

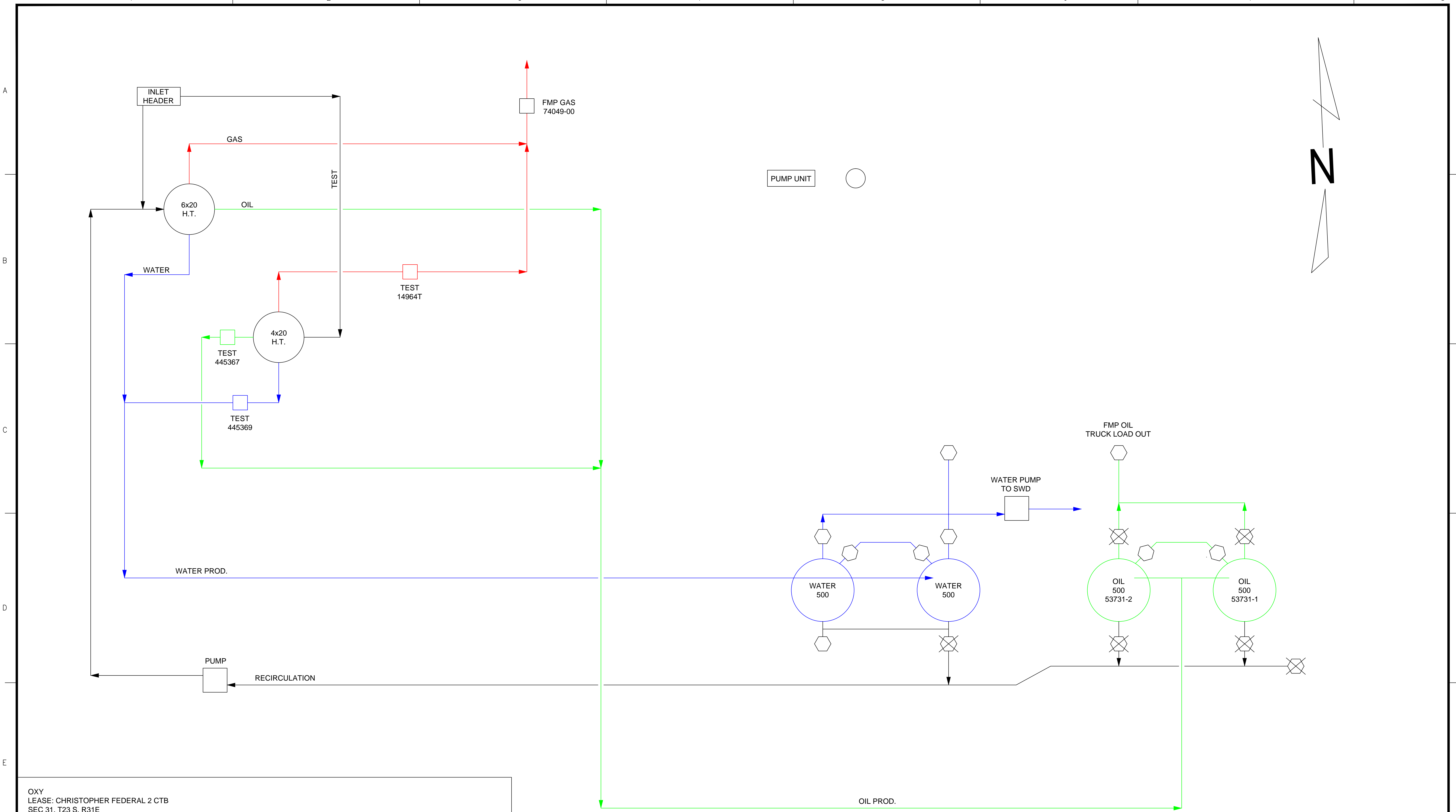
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundary, well and battery locations.

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



OXY
LEASE: CHRISTOPHER FEDERAL 2 CTB
SEC 31, T23 S, R31E
EDDY COUNTY, NEW MEXICO
OXY USA, INC.
NM 0546732-A
NM 0544986-B

CHRISTOPHER FED #2 30-015-27617
LEAH 31 FEDERAL #1 30-015-27624

NOTES

- = MIXED
- = GAS
- = OIL
- = WATER

REV	DATE	DRAWN BY	CHECKED BY	DESCRIPTION	ONEOXY PROJECT #	PROJ. ENG. OXY APPROVAL	SIGNATURE

PROJECT DRAWING REVISION
IN CASE OF DEVIATIONS A MARKED UP PRINT SHALL BE SENT TO THE PROJECT ENGINEER

REV	DATE	APP. BY	DESCRIPTION	PROJECT NUMBER	PROJ.ENG. OXY APPROVAL	SPEC.ENG.
A	11/27/18		ISSUED FOR REVIEW			

MASTER DRAWING REVISION
NOTES/REFERENCE DRAWINGS

FACILITY CODE: XXXXXXXXXXXX

DISC. CODE: PRO FACILITY TYPE: CTB

DWG. TYPE: LICENSE – PERMIT

DESCRIPTION: CHRISTOPHER FEDERAL 2 CTB

SCALE : NONE CAD DRAWING

Oxy USA Inc.- Permian Resources
A subsidiary of Occidental Petroleum Corporation

DWG	ASSET	FACILITY CODE	DISC. CODE	SERIAL NUMBER	SHEET NUMBER	REV
NO	PER	XXXXXXXXXX	HES	00001	001	A



**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: 713.497.2076
Emily_Messer@oxy.com

January 31, 2019

Re: Request for Lease Commingling and off-lease storage, measurement and sales at the Christopher
31 Federal #2 Battery

To Whom It May Concern:

This is to advise you that OXY USA INC is filing an application for surface commingling for the Christopher 31 Federal #2 Battery with the NMOCD and BLM. A copy of the application 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 Emily Messer at (713) 497-2076.

Respectfully,

A handwritten signature in blue ink that reads "Emily Messer".

OXY USA INC
Emily Messer
Regulatory Engineer
Emily_Messer@oxy.com

OWNER NAME	ADDRESS	CITY	STATE	ZIP	TRACKING NUMBERS
MINERALS MANAGEMENT SERVICE	PO BOX 25627	DENVER	CO	80225	ONLINE SUBMITTAL
SPENCER REVOCABLE TRUST	309 S SANDSTONE POINT	PAYSON	AZ	85541	7018 1830 0000 8832 5833
WRIGHT MINERALS LLC	P O BOX 2312	SANTA FE	NM	87504	7018 1830 0000 8832 5840
OXY USA INC	P O BOX 27570	HOUSTON	TX	77227	OXY
BOARD OF REGENTS UNIVERSITY OF NM	1 UNIVERSITY OF NEW MEXICO	ALBUQUERQUE	NM	87131	7018 1830 0000 8832 5857
CONQUISTADOR COUNCIL BOY SCOUTS	P O BOX 840738	DALLAS	TX	75284	7018 1830 0000 8832 5864
DENTON, DOUGLAS A	1501 PRINCETON	MIDLAND	TX	79701	7018 1830 0000 8832 5871
DISCOVERY INC	ADDRESS UNKNOWN	UNKNOWN	XX		PUBLICATION
EQUITY TRUST COMPANY CUSTODIAN	10676 COX LANE	DALLAS	TX	75229	7018 1830 0000 8832 5888
G W ALLEN	ADDRESS UNKNOWN	UNKNOWN	XX		PUBLICATION
GEORGE GIBSON	ADDRESS UNKNOWN	UNKNOWN	XX		PUBLICATION
JADT MINERALS LTD	PO BOX 190229	DALLAS	TX	75219	7018 1830 0000 8832 5895
JONES JR, RICHARD DONALD	200 N GAINES RD	CEDAR CREEK	TX	78612	7018 1830 0000 8832 5901
NEW MEXICO MILITARY INSTITUTE	101 W COLLEGE BLVD	ROSWELL	NM	88201	7018 1830 0000 8832 5918
PATRICIA BOYLE YOUNG MANAGEMENT TR	P O BOX 1037	OKMULGEE	OK	74447	7018 1830 0000 8832 5925
SOUTHWEST OIL CORPORATION PENSION T	ADDRESS UNKNOWN	UNKNOWN	XX		PUBLICATION

Mailed 2/1/19

CARLSBAD CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

Ad No.
0001275806

OXY USA INC
5 GREENWAY PLAZA OFFICE 29.076
HOUSTON TX 77046

I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

01/31/19

Kevin Carey
Legal Clerk

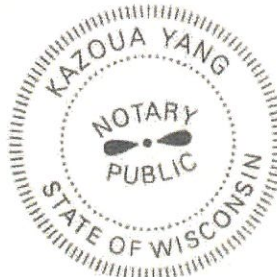
Subscribed and sworn before me this
12th of February 2019.

Kazoua Yang
State of WI, County of Brown
NOTARY PUBLIC

11/9/22
My Commission Expires

Oxy USA INC is filing an application with the New Mexico Oil Conservation Division and Bureau of Land Management to commingle production from section 31 in T23S R31E. All production will be from the same pool, Sand Dunes; Delaware, West. Production will be commingled at the Christopher Federal 2 Central Tank Battery in Eddy County, NM. Pursuant to NMAC 19.15.12.10, interested parties must file objections or requests for hearing in writing with the division's Santa Fe office within 20 days after publication, or the NMOCD may approve the application. For questions pertaining to the application, please contact Emily Messer at (713) 497-2076.

January 31, 2019



Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-90

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Arriba Rd., Alamogordo, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

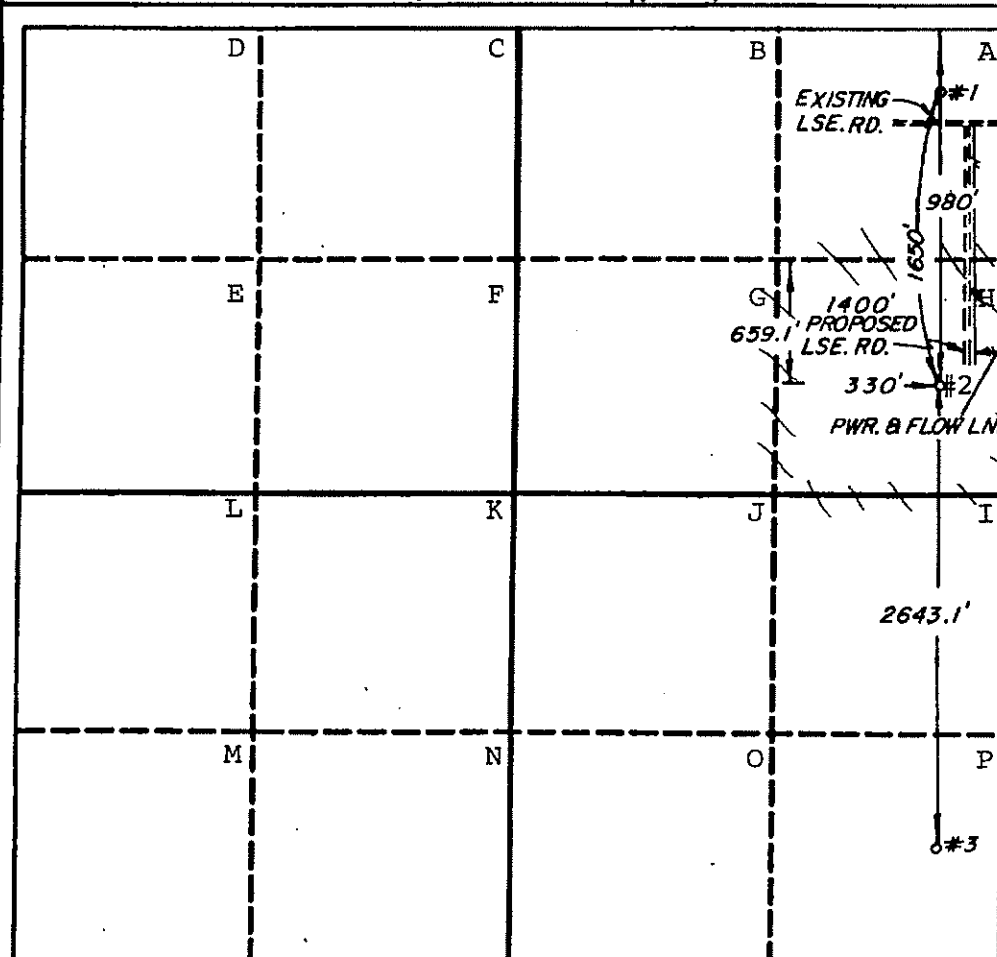
All Distances must be from the outer boundaries of the section 31

Operator PHILLIPS PETROLEUM COMPANY			Lease CHRISTOPHER FEDERAL <u>31</u>		Well No. # 2
Unit Letter H	Section 31	Township 23 SOUTH	Range 31 EAST	County NM/M	EDDY

Actual Footage Location of Well:

1980 feet from the NORTH line and		330 feet from the EAST line	
Ground level Elev. 3356'	Producing Formation Undesignated (Delaware)	Foot Undesignated (Delaware)	Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or indelible marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
L. M. Sanders

Printed Name
L. M. Sanders

Position
Supv., Reg. Affairs

Company
Phillips Petroleum Co.

Date
June 21, 1993

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 knowledge and belief.

4-30-93

Date Surveyed

Signature & Seal of
Professional Surveyor

Bill B. [Signature]

Certificate No.
4882

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

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-104
Revised 1-1-89
See Instructions
at Bottom of Page

dist
WT
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Op

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator <u>Phillips Petroleum Company</u>		Well API No. <u>30-015-27617</u>
Address <u>4001 Penbrook St., Odessa, Texas 79762</u>		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Christopher "31" Fed.</u>	Well No. <u>2</u>	Pool Name, including Formation <u>West Sand Dunes Delaware</u>	Kind of Lease <u>State, Federal</u>	Lease No. <u>NM-0546732-A</u>
Location				
Unit Letter <u>H</u>	<u>1980</u>	Feet From The <u>North</u>	Line and <u>330</u>	Feet From The <u>East</u>
Section <u>31</u>	Township <u>23-S</u>	Range <u>31-E</u>	<u>NMPM</u>	Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <u>Phillips Petroleum Co. (Trucks)</u> <u>P. O. Box 791, Midland, Texas 79702</u>	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <u>GPM Gas Services Company</u> <u>4044 Penbrook St., Odessa, Texas 79762</u>	
If well produces oil or liquids, give location of tanks.	Unit <u>H</u>	Sec. <u>31</u>
	Twp. <u>23S</u>	Rge. <u>31E</u>
	Is gas actually connected? <u>No</u>	
	When?	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded <u>9/5/93</u>	Date Compl. Ready to Prod. <u>10/11/93</u>		Total Depth <u>8060'</u>		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.) <u>3366' DF; 3355' GR</u>	Name of Producing Formation <u>Delaware</u>		Top Oil/Gas Pay <u>7848'</u>		Tubing Depth <u>6140'</u>			
Perforations <u>7848'-7890'</u>					Depth Casing Shoe <u>8060</u>			

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<u>17-1/2"</u>	<u>13-3/8"</u>	<u>705'</u>	<u>750 sx 'C'</u>
<u>12-1/4"</u>	<u>8-5/8"</u>	<u>4120'</u>	<u>1700 sx 'C'</u>
<u>7-7/8"</u>	<u>5-1/2"</u>	<u>8060'</u>	<u>400 sx 'C'</u>

2nd stage: 250 sx 'C' 65/35 poz & 630 sx 'C'

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank <u>10/15/93</u>	Date of Test <u>11/26/93</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Pump</u>	
Length of Test <u>24 hrs</u>	Tubing Pressure	Casing Pressure	Choke Size <u>3-4-91</u>
Actual Prod. During Test	Oil - Bbls. <u>40</u>	Water - Bbls. <u>163</u>	Gas - MCF <u>30</u>

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations 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.

L. M. Sanders
Signature
L. M. Sanders
Printed Name
11/29/93
Date
Supv., Reg. Affairs
Title
915/368-1488
Telephone No.

OIL CONSERVATION DIVISION

Date Approved DEC 3 1 1993

By M. Morgan

Title SS

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

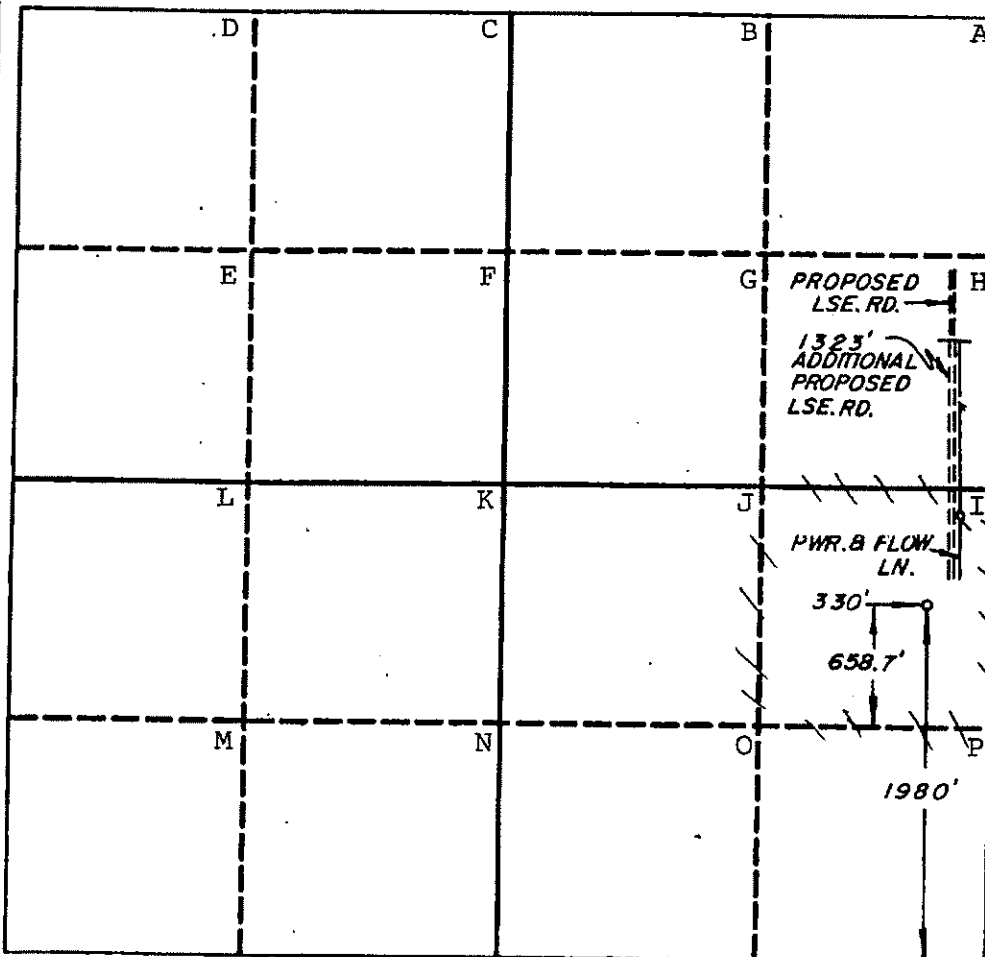
DISTRICT III
1000 Rio Brancos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM COMPANY			Lease LEAH FEDERAL "31"		Well No. #1
Unit Letter I	Section 31	Township 23 SOUTH	Range 31 EAST	County EDDY	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 330 feet from the EAST line					
Ground level Elev. 3372'	Producing Formation Undesignated (Delaware)		Pool Undesignated (Delaware)		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
L. M. Sanders
Printed Name
L. M. Sanders
Position
Supv., Reg. Affairs
Company
Phillips Petroleum Co.
Date
6/21/93

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 knowledge and belief.
4-30-93

Date Surveyed
4-30-93
Signature & Seal of Professional Surveyor

[Signature]
Certificate No.
4882



Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

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-104
Revised 1-1-89
See Instructions
at Bottom of Page

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REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Phillips Petroleum Company		Well API No. 30-015-27624
Address 4001 Penbrook St., Odessa, Texas 79762		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input checked="" type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
Recompletion <input type="checkbox"/>		
Change in Operator <input type="checkbox"/>		
If change of operator give name and address of previous operator		

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II. DESCRIPTION OF WELL AND LEASE

Lease Name Leah "31" Fed.	Well No. 1	Pool Name, including Formation West Sand Dunes-Delaware	Kind of Lease State/Federal 20/200K	Lease No. NM 0544986-B
Location Unit Letter I : 1980 Feet From The South Line and 330 Feet From The East Line Section 31 Township 23-S Range 31-E, NMPM, Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Phillips Petroleum Company (Trucks)	Address (Give address to which approved copy of this form is to be sent) P. O. Box 791, Midland, Texas 79702	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> GPM Gas Services Company	Address (Give address to which approved copy of this form is to be sent) 4044 Penbrook St., Odessa, Texas 79762	
If well produces oil or liquids, give location of tanks.	Unit H	Sec. 31
	Twp. 23S	Rge. 31E
	Is gas actually connected? No	
	When?	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 9/25/93	Date Compl. Ready to Prod. 10/23/93	Total Depth 8070'	P.B.T.D. 8008'					
Elevations (DF, RKB, RT, GR, etc.) 3371' GR; 3382' DF	Name of Producing Formation Delaware	Top Oil/Gas Pay 7816'	Tubing Depth 7750'					
Performances 7816'-7900'			Depth Casing Shoe 8070'					
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE 17-1/2"	CASING & TUBING SIZE 13-3/8"		DEPTH SET 705'		SACKS CEMENT 700 sx			
	8-5/8"		4110'		1400 sx			
	5-1/2"		8070'		1100 sx			
	2-7/8"		7750'					

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank 10/25/93	Date of Test 11/26/93	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hrs	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls. 56	Water - Bbls. 84	Gas - MCF 48

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations 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.

L.M. Sanders
Signature
L. M. Sanders
Printed Name
11/30/93
Date
Supv., Reg. Affairs
Title
915/368-1488
Telephone No.

OIL CONSERVATION DIVISION

Date Approved JAN 23 1994

By SUPERVISOR, DISTRICT II

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

CHRISTOPHER 31 FEDERAL #2 BATTERY

CHRISTOPHER 31 FEDERAL #2 (API 30-015-27617)

Month	Oil (bbl)	Gas (MCF)	Water (bbl)	Days Online
May-2018	56	189	4672	29
Jun-2018	61	249	3318	31
Jul-2018	9	328	1031	29
Aug-2018	17	135	342	9
Sep-2018	8	34	499	9
Oct-2018	99	175	2282	30
Average Daily Prod	2	10	113	

LEAH 31 FEDERAL #1 (API 30-015-27624)

Month	Oil (bbl)	Gas (MCF)	Water (bbl)	Days Online
May-2018	100	120	3884	29
Jun-2018	127	183	3648	31
Jul-2018	146	104	2259	29
Aug-2018	102	61	1271	13
Sep-2018	59	9	1919	9
Oct-2018	72	0	4885	28
Average Daily Prod	5	4	161	