

Revised March 23, 2017

RECEIVED: 08/08/2011	REVIEWER: MAM	TYPE: R	APP NO: 21MAM1822040793
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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:** OCCIDENTAL PERMIAN LTD **OGRID Number:** 157984  
**Well Name:** STATE C TRACT 11 #008 & MULTIPLE **API:** 30-025-26109 & MULTIPLE  
**Pool:** HARDY; BLINEBRY & MULTIPLE **Pool Code:** 29710 & MULTIPLE

### 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 (PRODUCTION 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 IDENTICAL OWNERS

#### 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.

SANDRA MUSALLAM

Print or Type Name

*Sandra Musallam*

Signature

08/07/2018

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: OCCIDENTAL PERMIAN LTD  
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
SEE ATTACHED					

- (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. IDENTICAL OWNERS  
(4) Measurement type: ☐ Metering ☒ Other (Specify) WELL TEST  
(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.  
(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)

**(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: 08/07/2018

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

E-MAIL ADDRESS: SANDRA\_MUSALLAM@OXY.COM

## APPLICATION FOR POOL COMMINGLE

### Commingle proposal for State C Tract 11 Battery

Occidental Permian Ltd requests approval of a pool commingle at State C Tract 11 Battery located in R-02-21S-36E in Lea County. State C Tract 11 #009 will be recompleted to Eumont; Yates-7 RVRS-Queen (Gas) and Oil Center; Glorieta pools. The wells feeding the battery are listed below.

#### STATE C TRACT 11 BATTERY

##### POOL: HARDY; BLINEBRY - 29710

Well	API	Location	BOPD	OIL GRAVITY	MSCFD	BTU	BWPD
STATE C TRACT 11 #003	30-025-23103	R-02-21S-36E	0	41.1	6	1234	0
STATE C TRACT 11 #008	30-025-26109	W-02-21S-36E	3	41.1	18	1234	30

##### POOL: OIL CENTER; GLORIETA - 47970

Well	API	Location	BOPD	OIL GRAVITY	MSCFD	BTU	BWPD
STATE C TRACT 11 #007	30-025-25975	W-02-21S-36E	2	41.1	5	1285	68

##### POOL: PROPOSED DH COMMINGLE OF EUMONT; YATES-7 RVRS-QUEEN (GAS) 76480 & OIL CENTER; GLORIETA 47970

Well	API	Location	BOPD	EXPECTED OIL GRAVITY	MSCFD	EXPECTED BTU	BWPD
*STATE C TRACT 11 #009	30-025-26110	Q-02-21S-36E	0	N/A	450	1250	2
*STATE C TRACT 11 #009	30-025-26110	Q-02-21S-36E	28	41.4	405	1285	65

\*Expected production

#### State C Tract 11 Battery:

Production from State C Tract 11 #003 flows to a 2-phase separator. Gas will flow from the 2-phase separator to the Targa gas sales meter on location. The fluid stream will then flow to a heater treater, where it will be combined with production from #008, #007 and #009. The heater treater is equipped with a turbine meter for oil measurement and a turbine meter for water measurement. After separation, oil will be sent to the oil storage tanks then trucked to sales. Water will be sent to the water storage tanks then pumped to Rice Disposal System.

Gas production from the heater treater will be combined with #003 gas production from the 2-phse separator before flowing to the Targa gas sales meter on location.

In order to obtain well tests, the wells will be shut-in while only one well is being produced. Oil test volume is measured via the turbine meter off the 4' X 20' heater treater, and gas test volume is measured via the Targa gas sales meter. Production will be allocated back to all wells based on these well test values.

#### Additional Application Components:

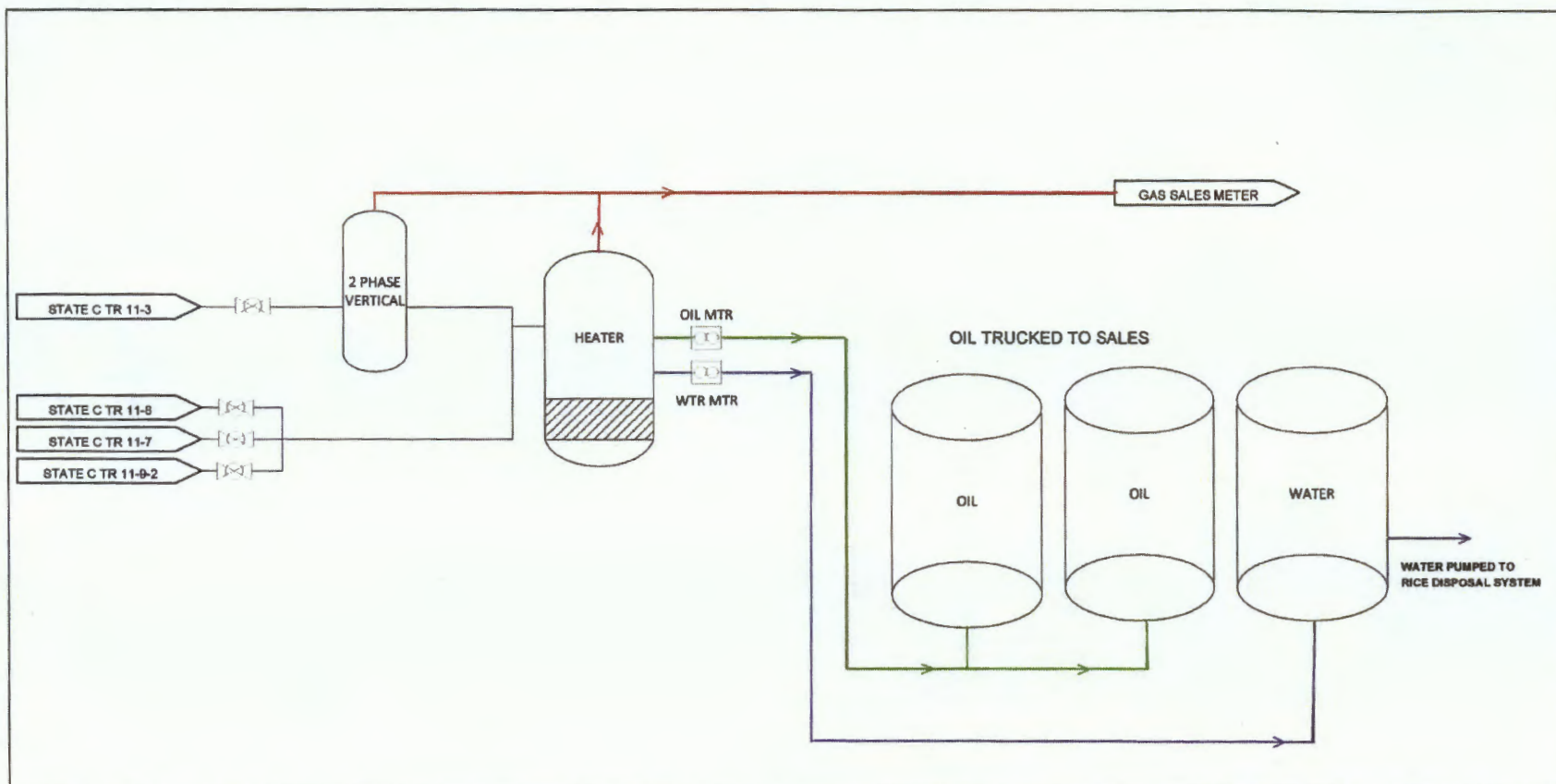
The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

The working interest, royalty interest and overriding royalty interest owners are identical in all wells.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) Occidental Permian Ltd requests the option to include additional pools or leases within the defined parameters set forth in the Order for future additions.

Occidental Permian Ltd 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 SLO regulations.



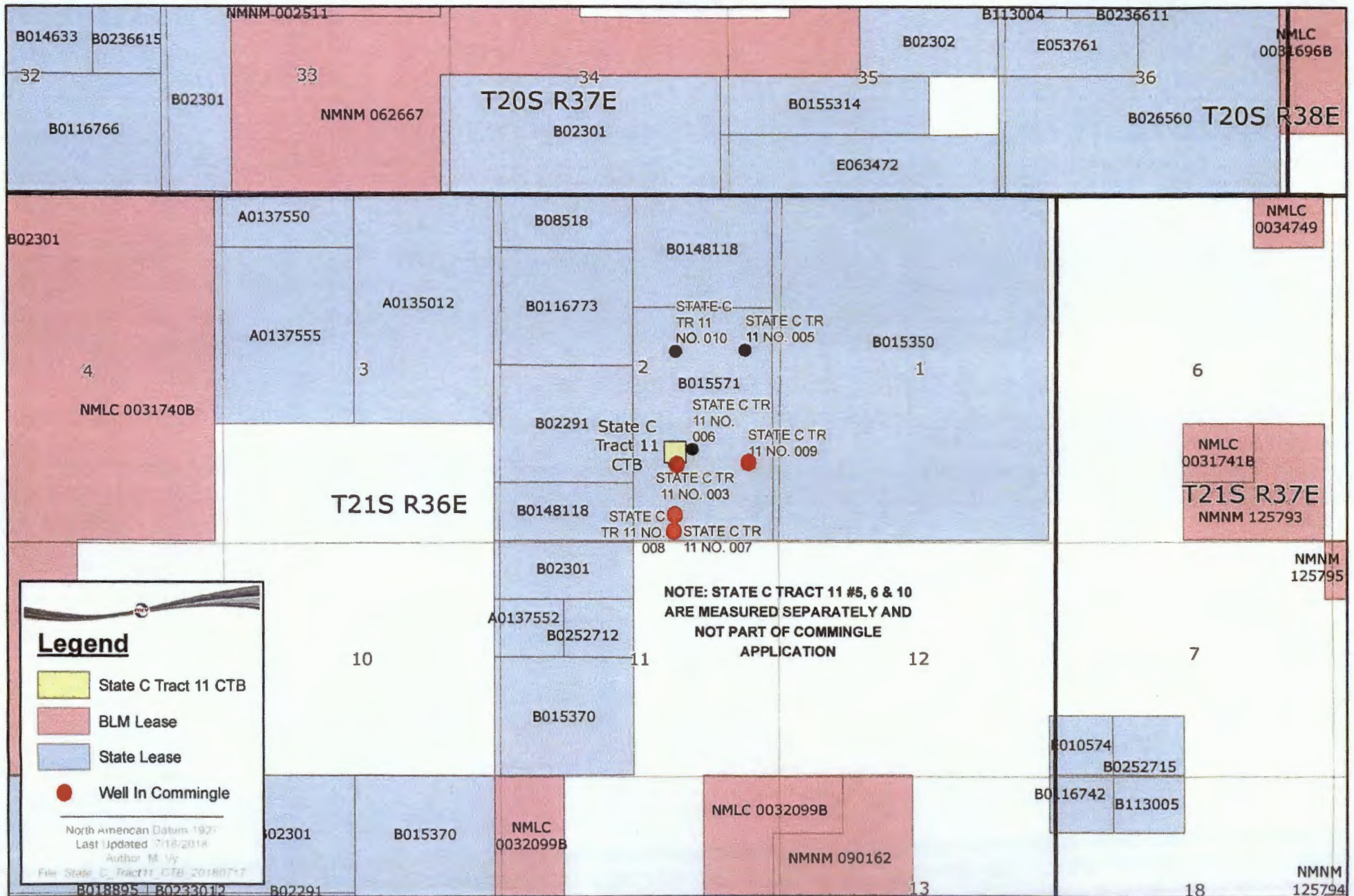
REVISION BLOCK						ENGINEERING RECORD	
NO	DATE	DESCRIPTION	BY	CHK	APP	BY	DATE
1	7/24/2016	PPD OF BATTERY AND MEASUREMENTS FOR CURRENT OPERATION	ACP			DRN: ACP	7/24/2016
						DES	
						CHK	
						APP	
						AFE	

**PROCESS FLOW DIAGRAM**  
STATE C TR 11 BATTERY 1

LEA COUNTY, NEW MEXICO



# State C Tract 11 Lease T21S R36E



## State C Tract 11 Production Data

STATE C TRACT 11 003J02B (30-025-23103)					
Month	Oil (bbl)	Avg Daily Oil (bopd)	Gas (MCF)	Avg Daily Gas (MSCFD)	Water (bbl)
Dec-2017	0	0	215	7	0
Jan-2018	0	0	173	6	0
Feb-2018	0	0	186	7	0
Mar-2018	0	0	237	8	0
Apr-2018	0	0	196	7	0
May-2018	0	0	50	2	0

STATE C TRACT 11 008O02 (30-025-26109)					
Month	Oil (bbl)	Avg Daily Oil (bopd)	Gas (MCF)	Avg Daily Gas (MSCFD)	Water (bbl)
Dec-2017	135	4	867	28	60
Jan-2018	102	3	623	20	54
Feb-2018	119	4	689	25	16
Mar-2018	141	5	869	28	26
Apr-2018	36	1	271	9	23
May-2018	0	0	0	0	0

STATE C TRACT 11 007W02 (30-025-25975)					
Month	Oil (bbl)	Avg Daily Oil (bopd)	Gas (MCF)	Avg Daily Gas (MSCFD)	Water (bbl)
Dec-2017	54	2	173	6	90
Jan-2018	65	2	134	4	81
Feb-2018	79	3	155	6	27
Mar-2018	90	3	191	6	36
Apr-2018	64	2	163	5	90
May-2018	0	0	38	1	84



**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

August 2, 2018

Re: **Pool Commingle Application For State C Tract 11 Wells:**

**Section 2, T21S R36E, Lea County**

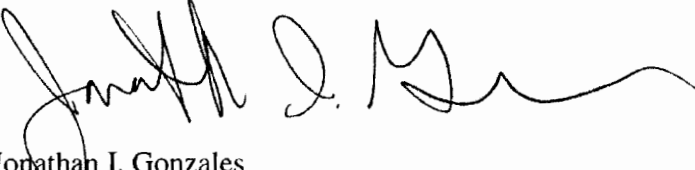
**State C Tract 11 #003 – Hardy; Blinebry Pool 29710**  
**State C Tract 11 #007 – Oil Center; Glorieta Pool 47970**  
**State C Tract 11 #008 – Hardy; Blinebry Pool 29710**  
**State C Tract 11 #009 – Eumont; Yates-7 RVRS-Queen Gas 76480 &**  
**Oil Center; Glorieta Pool 47970**

To Whom It May Concern:

OCCIDENTAL PERMIAN LTD, as Operator, will be filing an application with the New Mexico Oil Conservation Division for approval of the above mentioned commingle project. This letter serves to notice you that the operator and interest owners are identical for the wells listed above.

Best Regards,

**OCCIDENTAL PERMIAN LTD**



Jonathan I. Gonzales  
Land Negotiator



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Amoco Production Company			Lease State C Tract 11		Well No. 3
Unit Letter R	Section 2	Township 21-South	Range 36-East	County Lea	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the East line					
Ground Level Elev.	Producing Formation Glorietta		Post Oil Center Glorietta		Dedicated Acreage 160

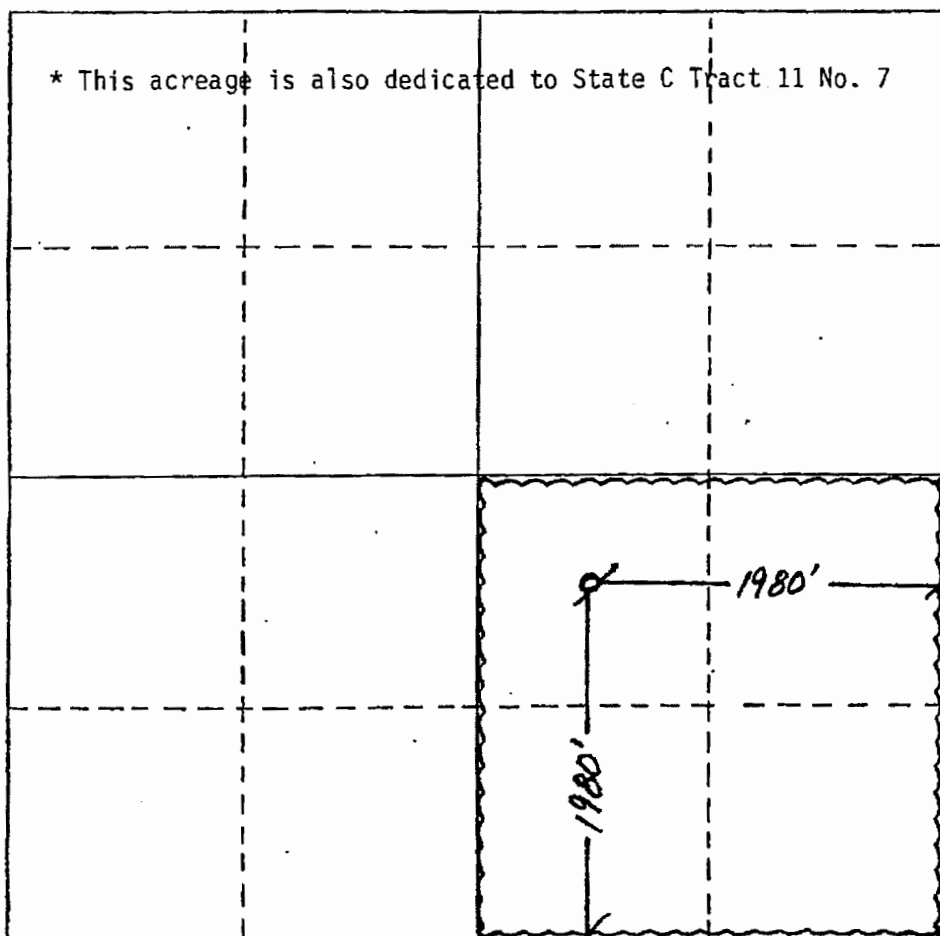
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

\* This acreage is also dedicated to State C Tract 11 No. 7



CERTIFICATION

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

Signature: *Lester M. Perry*  
Position: Administrative Analyst  
Company: Amoco Production Company

Date: June 3, 1983

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.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

**MEXICO OIL CONSERVATION COMMISS**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

THE  
 SUPERSEDES C-122  
 C-122-1111-1-1-1-1

All distances must be from the outer boundaries of the Section

Lease		State C Tract 11		7
Operator	Section	Township	Range	Lea
Amoco Production Co.	2	21 South	36 East	
Section		Range	Lea	
510	South	1980	East	
Acres	Containing	Oil Center Glorieta (Oil)		40
3533.6	Glorieta			

- 1 Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- 2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 3 If more than one lease of different ownership is dedicated to the well, have the interests 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 (on reverse side of this form if necessary) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

**CERTIFICATION**

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

*Renton Green*

Admin. Analyst (SG)

Amoco Production Company

December 22, 1986

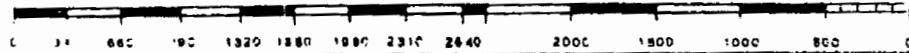
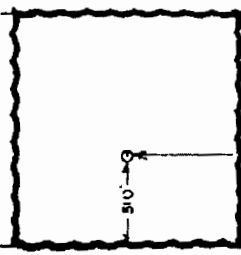
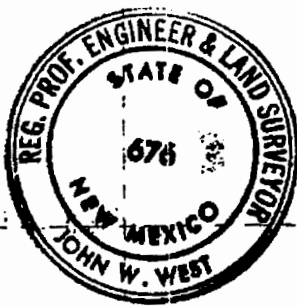
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

June 21, 1978

Registered Professional Engineer  
 and a Surveyor

*John W. West*

Certificate No. John W. West 676  
 Ronald J. Eidson 3239



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1  
Superseded 6-1-78  
1-1-78

All distances must be from the outer boundaries of the Section

Lessee <b>AMOCO PRODUCTION CO.</b>			Lease <b>Section 2, T11N, R36E, S21</b>		Well No. <b>8</b>
Tract Letter <b>W</b>	Section <b>2</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Well Location of Well:					
810 feet from the SOUTH line and		1980 feet from the EAST line			
Ground Level <b>3529.7</b>	Producing Formation <b>Permian</b>	Pool <b>Und. Permian</b>	Dedicated Acreage <b>40</b>		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

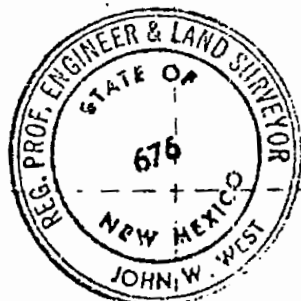
CERTIFICATION

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

By *Dennis Evans*  
Position *Asst. Admin. Analyst*  
Company *Amoco Prod. Co.*  
Date *10-11-78*

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.

Date Surveyed *OCTOBER 6, 1978*  
Registered Professional Engineer and Land Surveyor  
*John W. West*  
Certificate No. *John W. West 676*  
*Ronald J. Fisher*



810  
1980

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

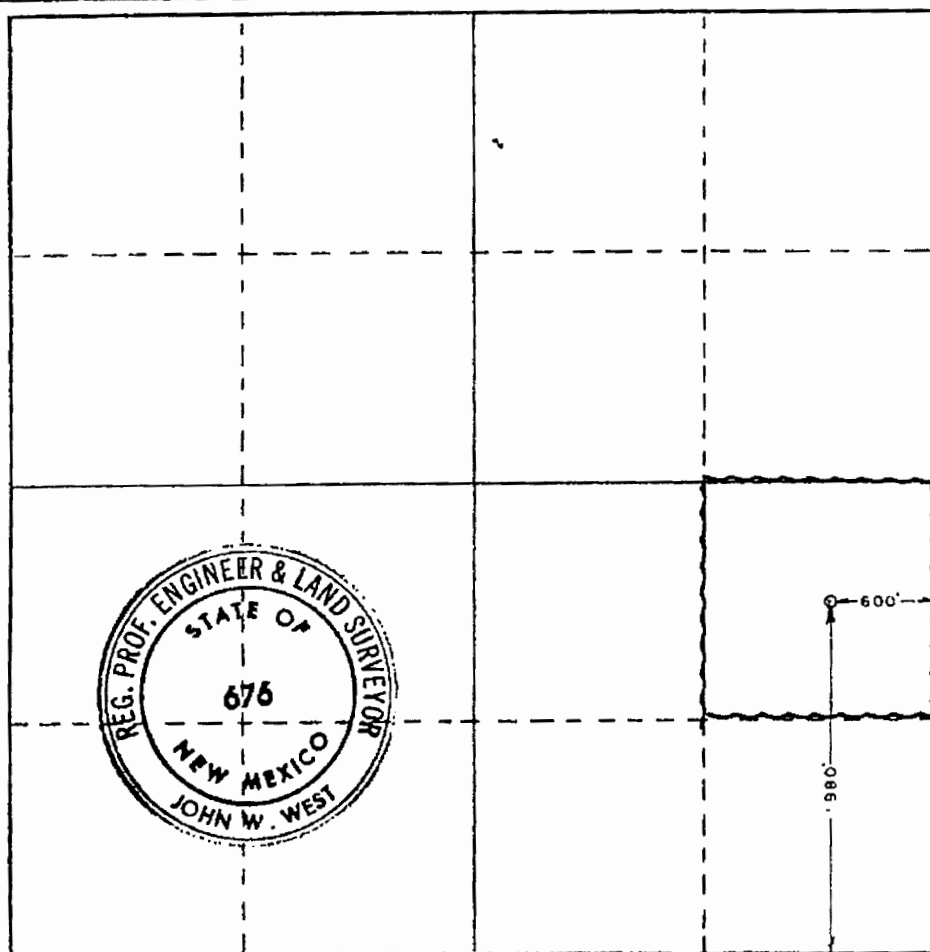
Operator <b>AMOCO PRODUCTION CO.</b>			Lease <b>State "c" Tract 11</b>		Well No. <b>9</b>
Grid Letter <b>Q</b>	Section <b>2</b>	Township <b>21 SOUTH</b>	Range <b>36 East</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>SOUTH</b> line and <b>600</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3517.2</b>	Producing Formation <b>Blinebry</b>		Pool <b>Hardy Blinebry</b>		Dedicated Acreage: <b>40</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name Bob Davis

Position Admin Analyst

Company Amoco Production Company

Date 4-18-80

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.

Date Surveyed OCTOBER 6, 1978

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. John W. West 676  
Ronald J. Eidson 3239

## **McMillan, Michael, EMNRD**

---

**From:** Sandra\_Musallam@oxy.com  
**Sent:** Wednesday, August 8, 2018 5:15 PM  
**To:** McMillan, Michael, EMNRD  
**Subject:** RE: STATE C TRACT 11 PROPOSED POOL SURFACE COMMINGLE

Actually production has been 0 for the past 6 months for #9. Do you want me to make a note somewhere in the write up or have the production table show 0 with note that well is going to be recompleted?

Sandra Musallam  
Regulatory Engineer - Compliance Lead  
713-366-5106 (office)  
713-504-8577 (cell)

-----Original Message-----

From: Musallam, Sandra C  
Sent: Wednesday, August 08, 2018 6:01 PM  
To: 'McMillan, Michael, EMNRD' <Michael.McMillan@state.nm.us>  
Subject: RE: STATE C TRACT 11 PROPOSED POOL SURFACE COMMINGLE

Do I need to include the historical production for #9, even though OXY would like to plug off current producing and open new zones? I can add the well into the production table if needed.

thx!

Sandra Musallam  
Regulatory Engineer - Compliance Lead  
713-366-5106 (office)  
713-504-8577 (cell)

-----Original Message-----

From: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>  
Sent: Wednesday, August 08, 2018 5:09 PM  
To: Musallam, Sandra C <Sandra\_Musallam@oxy.com>  
Subject: [EXTERNAL] RE: STATE C TRACT 11 PROPOSED POOL SURFACE COMMINGLE

I do not see production from the #9 well Mike

-----Original Message-----

From: Sandra\_Musallam@oxy.com <Sandra\_Musallam@oxy.com>  
Sent: Wednesday, August 8, 2018 4:03 PM  
To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>  
Subject: RE: STATE C TRACT 11 PROPOSED POOL SURFACE COMMINGLE

I will replace the C-107 with this and send the packet to you FedEx. Thx!

Sandra Musallam  
Regulatory Engineer - Compliance Lead  
713-366-5106 (office)