

From: [Reeves, Leslie T](#)
To: [Murphy, Kathleen A, EMNRD](#)
Subject: [EXTERNAL] RE: FW: RE: RE: WBDU SWD #271 C-108 App
Date: Thursday, October 7, 2021 12:39:05 PM
Attachments: [AppChecklistRevised10-7-21.pdf](#)
[Oct2021RevisedNoticeLettersSHCorrections.pdf](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Kathleen-

Here are the updated pages (checklist, notice letters) with the SWD:Yeso pool noted. Let me know if you need anything further.

I also replaced those pages in my corrected notice mailing, I was able to retrieve it from our mailroom.

Thanks!

Leslie T. Reeves

Regulatory Advisor | Permian Resources – New Mexico
Office: (713) 497-2492 | 29.072 | Cell: (281) 733-0824
Email: Leslie_Reeves@oxy.com

From: Pickford, Katherine, EMNRD <Katherine.Pickford@state.nm.us>
Sent: Thursday, October 7, 2021 11:49 AM
To: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>; Kautz, Paul, EMNRD <paul.kautz@state.nm.us>; Reeves, Leslie T <Leslie_Reeves@oxy.com>
Subject: RE: [EXTERNAL] FW: RE: RE: RE: WBDU SWD #271 C-108 App

WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.

Leslie,
If you are injecting into the Yeso,

SWD;YESO [96183]

Kate

From: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Sent: Thursday, October 7, 2021 10:41 AM
To: Pickford, Katherine, EMNRD <Katherine.Pickford@state.nm.us>; Kautz, Paul, EMNRD <paul.kautz@state.nm.us>; Reeves, Leslie T <Leslie_Reeves@oxy.com>
Subject: RE: [EXTERNAL] FW: RE: RE: RE: WBDU SWD #271 C-108 App

Is there a pool for the Yeso, which is what they are going to inject into now instead of the Tubb?

From: Pickford, Katherine, EMNRD <Katherine.Pickford@state.nm.us>
Sent: Thursday, October 7, 2021 10:39 AM
To: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>; Reeves, Leslie T <Leslie_Reeves@oxy.com>
Cc: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Subject: RE: [EXTERNAL] FW: RE: RE: RE: WBDU SWD #271 C-108 App

Hi Leslie,
The (96387) West Bravo Dome CO2 Gas is shown as cancelled in that well record and active pool would be the correct one;

[98148] SWD; TUBB

Kate

From: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>
Sent: Thursday, October 7, 2021 10:11 AM
To: Reeves, Leslie T <Leslie_Reeves@oxy.com>
Cc: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>; Pickford, Katherine, EMNRD <Katherine.Pickford@state.nm.us>
Subject: RE: [EXTERNAL] FW: RE: RE: RE: WBDU SWD #271 C-108 App

Hi Leslie,

I believe that this area is in the Aztec District. You will need to contact Kate Pickford.

Paul Kautz
Petroleum Specialist
Hobbs District Geologist
Energy Minerals Natural Resources Dept.
Oil Conservation Division
1625 N. French Dr.
Hobbs, NM 88240
Cell # 575-602-4493

From: Reeves, Leslie T <Leslie_Reeves@oxy.com>
Sent: Thursday, October 7, 2021 9:35 AM
To: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>

Cc: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>

Subject: [EXTERNAL] FW: RE: RE: RE: WBDU SWD #271 C-108 App

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Hi Paul-

Can you please assist with the correct Pool name for the subject well C-108? We are requesting to amend the C108 to inject into the Yeso formation from the Tubb. Below is the well information.

West Bravo Dome Unit SWD #271 – 30-021-20540
1650' FNL 1650' FWL F-27-T18N-R30E
Currently in the Unit Pool: (96387) West Bravo Dome CO2 Gas

Feel free to call me if that is easier, 281-733-0824.
Thanks in advance!

Leslie T. Reeves

Regulatory Advisor | Permian Resources – New Mexico
Office: (713) 497-2492 | 29.072 | Cell: (281) 733-0824
Email: Leslie_Reeves@oxy.com

From: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>

Sent: Thursday, October 7, 2021 10:22 AM

To: Reeves, Leslie T <Leslie_Reeves@oxy.com>

Subject: RE: [EXTERNAL] RE: RE: RE: WBDU SWD #271 C-108 App

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particularly with links and attachments.**

You will need to call Paul. I cannot do that.

From: Reeves, Leslie T <Leslie_Reeves@oxy.com>

Sent: Thursday, October 7, 2021 9:18 AM

To: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>

Subject: [EXTERNAL] RE: RE: RE: WBDU SWD #271 C-108 App

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I didn't. Is that something that you can provide? If not, I can give Paul a call.

Leslie T. Reeves

Regulatory Advisor | Permian Resources – New Mexico
Office: (713) 497-2492 | 29.072 | Cell: (281) 733-0824
Email: Leslie_Reeves@oxy.com

From: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Sent: Thursday, October 7, 2021 10:16 AM
To: Reeves, Leslie T <Leslie_Reeves@oxy.com>
Subject: RE: [EXTERNAL] RE: RE: WBDU SWD #271 C-108 App

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particularly with links and attachments.**

I thought you had a pool code and name in the app for the Yeso—However the pool code is not the CO2 pool, I would think.

Did you contact Paul Kautz to get a pool code??

From: Reeves, Leslie T <Leslie_Reeves@oxy.com>
Sent: Thursday, October 7, 2021 9:04 AM
To: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Subject: [EXTERNAL] RE: RE: WBDU SWD #271 C-108 App

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

I'm not sure of the new official pool name or code. Do you know which pool applies here for the Yeso?

I can amend the pool name also if you would like me to.

Thanks!

Leslie T. Reeves

Regulatory Advisor | Permian Resources – New Mexico
Office: (713) 497-2492 | 29.072 | Cell: (281) 733-0824
Email: Leslie_Reeves@oxy.com

From: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Sent: Thursday, October 7, 2021 9:53 AM
To: Reeves, Leslie T <Leslie_Reeves@oxy.com>
Subject: RE: [EXTERNAL] RE: WBDU SWD #271 C-108 App

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particularly with links and attachments.

Shouldn't the pool be changed also?

From: Reeves, Leslie T <Leslie_Reeves@oxy.com>
Sent: Thursday, October 7, 2021 8:12 AM
To: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Subject: [EXTERNAL] RE: WBDU SWD #271 C-108 App

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Sorry about that! I have put the corrected notice letters in the mail this morning to the two parties. See the attached updated letters included. Let me know if you need anything else.

Thank you!

Leslie T. Reeves

Regulatory Advisor | Permian Resources – New Mexico
Office: (713) 497-2492 | 29.072 | Cell: (281) 733-0824
Email: Leslie_Reeves@oxy.com

From: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Sent: Wednesday, October 6, 2021 2:33 PM
To: Reeves, Leslie T <Leslie_Reeves@oxy.com>
Subject: [EXTERNAL] WBDU SWD #271 C-108 App

**WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS,
particularly with links and attachments.**

Leslie,

On P52 and 53 of the C-108 application, I believe you have the location data for the WBDU SWD #271 wrong in the heading.

It was mailed to the SLO and the F&F Family.

Please correct this and resend to the 2 parties, and let me know when it is corrected.

Thanks,

June 3, 2021

CERTIFIED MAIL – RETURN RECEIPT REQUESTED # 7019 0140 0000 3887 7234

Re: *Application for Administrative Approval of SWD
West Bravo Dome Unit SWD #271 (30-021-20540)*

Surface – 230° E.N.L. 2355° F.W.L. Unit C Sec 6 T40N R30E

Pool: West Bravo Dome CO₂ GAS (96387)

Harding County, New Mexico

COPY

F&F Family Limited Partnership (Surface Owner)
130 Fitzgerald Lane
Mosquero, NM 87733

To Whom it May Concern,

Enclosed is a copy of an application, filed with the New Mexico Oil Conservation Division (NMOCD) by OXY USA Inc., requesting administrative approval for a saltwater disposal well, changing from the Tubb formation to the Yeso. As an affected party, notice is being provided to you pursuant to Rule 19.15.26.8 (1)(C) NMAC. and 19.15.26.8 (2)(B). The well is located as follows:

Surface – 1650° E.N.L. 1650° E.W.L. Unit F Sec 27 T40N R30E

If you object to this application, you must notify the Division within 15 days from the date this application was mailed. You can notify the NMOCD (1220 South St. Francis Drive, Santa Fe, NM 87505) via phone (505)476-3441.

If you need any additional information, you can contact Leslie Lusk at 713-215-7277 or myself at 713-497-2492.

Thank you,

Leslie T. Reeves
Regulatory Advisor
OXY USA Inc.

Kathleen Murphy

Petroleum Specialist- Advanced
Geologist/GIS Analyst
New Mexico Oil Conservation Division
1200 South St Francis Drive
Santa Fe, New Mexico 87505

505-365-3161

Email: kathleena.murphy@state.nm.us

** Please use email during this stressful time **



RECEIVED:	REVIEWER:	TYPE:	APP NO:
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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: _____ OGRID Number: _____
 Well Name: _____ API: _____
 Pool: _____ Pool Code: _____

**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.

 Print or Type Name

Leslie T. Reeves

Signature

 Date

 Phone Number

 e-mail Address



OXY USA Inc

**5 Greenway Plaza, Suite 110
Houston, TX 77046-0521**

October 7, 2021

CERTIFIED MAIL – RETURN RECEIPT REQUESTED #7013 1090 0000 6870 9412

Re: *Application for Administrative Approval of SWD
West Bravo Dome Unit SWD #271 (30-021-20540)
Surface – 1650' FNL 1650' FWL Unit F Sec 27 T18S R30E
Pool: SWD: Yeso (96183)
Harding County, New Mexico*

COPY

NM State Land Office
PO Box 1148
Santa Fe, NM 87594
505-827-5766

To Whom it May Concern,

This is a corrected copy of this notice letter. The original letter showed the incorrect surface hole location and pool of the subject well in the header details.

Enclosed is a copy of an application, filed with the New Mexico Oil Conservation Division (NMOCD) by OXY USA Inc., requesting administrative approval for a saltwater disposal well, changing from the Tubb formation to the Yeso. As an affected party, notice is being provided to you pursuant to Rule 19.15.26.8 (1)(C) NMAC. and 19.15.26.8 (2)(B). The well is located as follows:

Surface – 1650' FNL 1650' FWL Unit F Sec 27 T18N R30E

If you object to this application, you must notify the Division within 15 days from the date the original application was mailed. You can notify the NMOCD (1220 South St. Francis Drive, Santa Fe, NM 87505) via phone (505)476-3441.

If you need any additional information, you can contact Bret Fugate at 713-366-5382 or myself at 713-497-2492.

Thank you,

A handwritten signature in blue ink, appearing to read "Leslie T. Reeves".

Leslie T. Reeves
Regulatory Advisor
OXY USA Inc.



OXY USA Inc

**5 Greenway Plaza, Suite 110
Houston, TX 77046-0521**

October 7, 2021

CERTIFIED MAIL – RETURN RECEIPT REQUESTED # 7014 2120 0003 4372 3832

Re: *Application for Administrative Approval of SWD
West Bravo Dome Unit SWD #271 (30-021-20540)
Surface – 1650' FNL 1650' FWL Unit F Sec 27 T18S R30E
Pool: SWD; Yeso (96183)
Harding County, New Mexico*

COPY

F&F Family Limited Partnership (Surface Owner)
130 Fitzgerald Lane
Mosquero, NM 87733

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If you need any additional information, you can contact Leslie Lusk at 713-215-7277 or myself at 713-497-2492.

Thank you,

A handwritten signature in blue ink that reads "Leslie Reeves".

Leslie T. Reeves
Regulatory Advisor
OXY USA Inc.



C-108 APPLICATION FOR AUTHORIZATION TO INJECT ADMINISTRATIVE COMPLETENESS FORM

Well Name: _____

Applicant: _____

PO Number: _____

Admin. App. No: _____

C-108 Item	Description of Required Content	Yes	No
I. PURPOSE	Selection of proper application type.		
II. OPERATOR	Name; address; contact information.		
III. WELL DATA	Well name and number; STR location; footage location within section.		
	Each casing string to be used, including size, setting depth, sacks of cement, hole size, top of cement, and basis for determining top of cement.		
	Description of tubing to be used including size, lining material, and setting depth.		
	Name, model, and setting depth of packer to be used, or description of other seal system or assembly to be used.		
	Well diagram: Existing (if applicable).		
	Well diagram: Proposed (either Applicant's template or Division's Injection Well Data Sheet).		
IV. EXISTING PROJECT	For an expansion of existing well, Division order number authorizing existing well (if applicable).		
V. LEASE AND WELL MAP	AOR map identifying all wells and leases within 2 mile radius of proposed well, and depicting a 1/2 mile radius circle around any another projected injection well and a 1 mile radius circle around any other projected injection well in the Devonian formation.		
VI. AOR WELLS	Tabulation of data for all wells of public record within AOR which penetrate the proposed injection zone, including well type, construction, date drilled, location, depth, and record of completion.		
	Schematic of each plugged well within AOR showing all plugging detail.		
VII. PROPOSED OPERATION	Proposed average and maximum daily rate and volume of fluids to be injected.		
	Statement that the system is open or closed.		
	Proposed average and maximum injection pressure.		
	Sources and analysis of injection fluid, and compatibility with receiving formation if injection fluid is not produced water.		
	A chemical analysis of the disposal zone formation water if the injection is for disposal and oil or gas is not produced or cannot be produced from the formation within 1 mile of proposed well. Chemical analysis may be based on sample, existing literature, studies, or nearby well.		
VIII. GEOLOGIC DATA	Proposed injection interval, including appropriate lithologic detail, geologic name, thickness, and depth.		
	USDW of all aquifers overlying the proposed injection interval, including geologic name and depth to bottom.		
	USDW of all aquifers underlying the proposed injection interval, including the geologic name and depth to bottom.		



C-108 (SWD) APPLICATION FOR AUTHORIZATION TO INJECT ADMINISTRATIVE COMPLETENESS FORM

Well Name: _____

Applicant: _____

PO Number: _____

Admin. App. No: _____

C-108 Item	Description of Required Content	Yes	No
IX. PROPOSED STIMULATION	Description of stimulation process or statement that none will be conducted.		
X. LOGS/WELL TESTS	Appropriate logging and test data on the proposed well or identification of well logs already filed with OCD.		
XI. FRESH WATER	Chemical analysis of fresh water from two or more fresh water wells (if available and producing) within 1 mile of the proposed well, including location and sampling date(s).		
XII. AFFIRMATION STATEMENT	Statement of qualified person endorsing the application, including name, title, and qualifications.		
XIII. PROOF OF NOTICE	Identify of all " <i>affected persons</i> " identified on AOR map in Section V, including all affected persons within 1/2 mile radius circle around any another projected injection well and a 1 mile radius circle around any other projected injection well in the Devonian formation.		
	Identification and notification of all surface owners.		
	BLM and/or NMSLO notified per 19.15.2.7(A)(8)(d) NMAC.		
	Notice of publication in local newspaper in county where proposed well is located with the following specific content:		
	<ul style="list-style-type: none"> Name, address, phone number, and contact party for Applicant; 		
	<ul style="list-style-type: none"> Intended purpose of proposed injection well, including exact location of a single well, or the section, township, and range location of multiple wells; 		
	<ul style="list-style-type: none"> Formation name and depth, and expected maximum injection rates and pressures; and 		
XIV. CERTIFICATION	Signature by operator or designated agent, including date and contact information.		

Review Date*:

Reviewer:

☐ Administratively COMPLETE

☐ Administratively INCOMPLETE

NOTES:

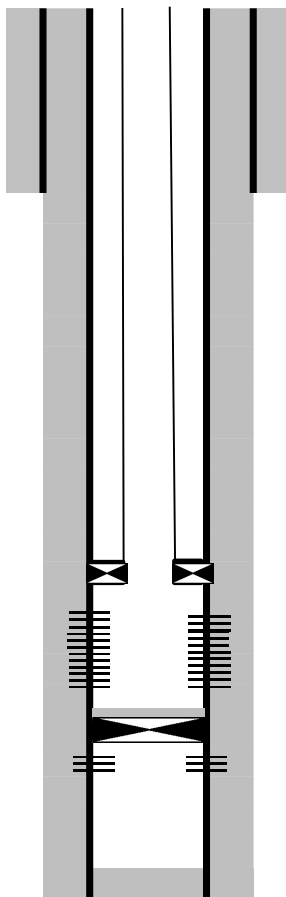
* The Review Date is the date of administrative completeness determination that commences the 15 day protest period in 19.15.26.8 (C)(2) NMAC.

OXY USA Inc. - Proposed Yeso Inj
West Bravo Dome Unit SWD #271
API No. 30-021-20540

2 7/8" J-55 Tubing w/ TK-15XT IPC (or similar)

Arrowset Packer set @ +/- 1560'

Proposed Inj. Interval 1600' - 1940'



Spud 07/06/2012

12-1/4" hole @ 776'
8-5/8"24# csg @ 776'
w/ 415sx-TOC-Surf-Circ.

7-7/8" hole @ 2221' MD
5-1/2" 15.5# csg @ 2221'
w/ 332sx - TOC-Surf-Circ.

CIBP Set @ 2000' w/ 20' cement
Perfs 2030' - 2055'

PBTD - 2221'

TD - 2221' V