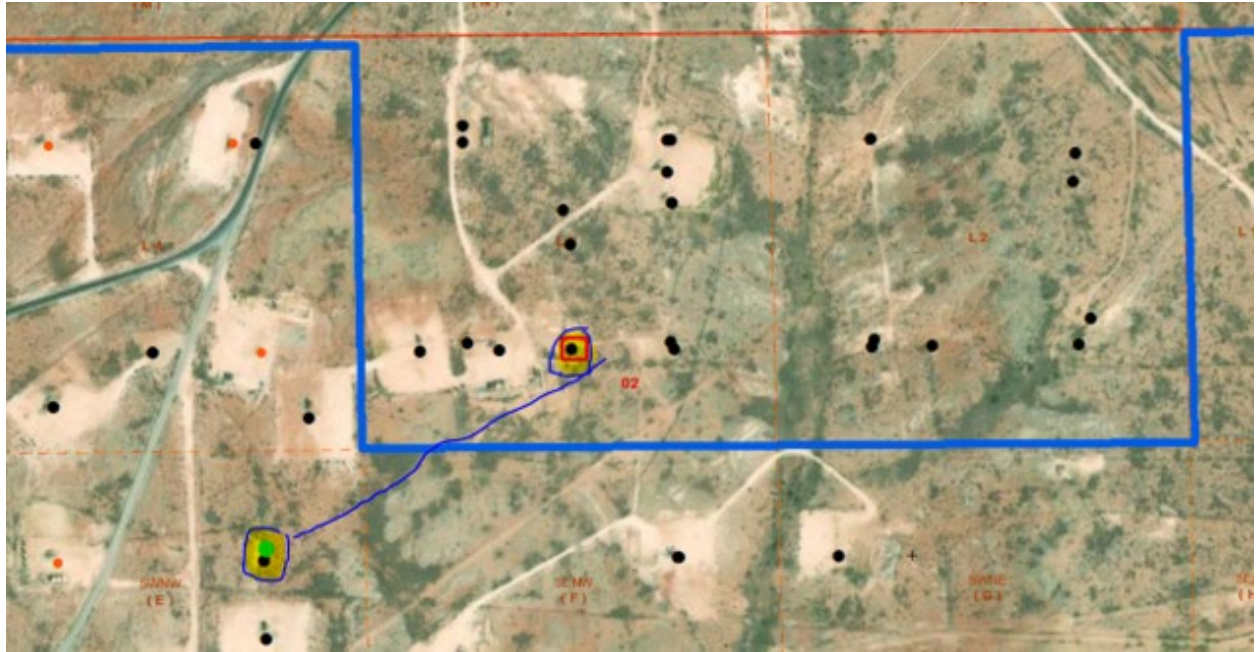






From: [David Catanach](#)
To: [Goetze, Phillip, EMNRD](#)
Cc: [Murphy, Kathleen A, EMNRD](#); [Powell, Brandon, EMNRD](#); [Joe Tarver](#)
Subject: RE: [EXTERNAL] RE: Tarco PMX-305 Brad State #6
Date: Wednesday, November 3, 2021 6:45:09 AM
Attachments: [image001.png](#)

Kathleen/Phil,

Tarco had its field personnel conduct a search of the area in the vicinity of the fresh water well identified as being 0.2 miles southwest of the Riverwolf Unit No. 5. The attached photo shows the results of that area search. The well in question appears to have been plugged and abandoned at some point in the past.

Mr. Joe Tarver, the President of Tarco Energy, LC recalls that there was a residence/farm house on or near that fresh water well site in the distant past. The house has long since disappeared, and there are not any other structures nearby. We can only ascertain that this well certainly was abandoned and it is highly unlikely that it will be used again.

If you need anything further, please advise. We would request that the Division issue an injection permit for the Riverwolf Unit Well No. 5.

Thank You,

David Catanach
Agent for Tarco Energy LC

Sent from [Mail](#) for Windows

From: [Goetze, Phillip, EMNRD](#)
Sent: Tuesday, October 19, 2021 1:17 PM
To: [David Catanach](#)
Cc: [Murphy, Kathleen A, EMNRD](#); [Powell, Brandon, EMNRD](#)
Subject: RE: [EXTERNAL] RE: Tarco PMX-305 Brad State #6

David, since Kathleen is heading out of town, I will have the honor to reply in order to continue this application processing. Two items:

1. Your request on the POD Kathleen identified is attached in the PDF. The primary concern is to verify the true status of the well – i.e. did it get converted or is this another uncompleted project? The OSE is still showing an approved benefit of three acre-feet a year. This is in a “closed” basin where the transfer of water rights is under a court order and a special master. And with the shallow depth of production/injection and well being within in the Roswell Artesian basin, it would be prudent to resolve.
2. And I would recommend not using the Water Column/Avg Depth to Water Selection as a final validation and would include the search that can be conducted using the Point of Diversion Report Selection found in Water Rights Reporting System. A little messy and the results have to be filtered, but much more thorough. Kathleen identified this well using OSE GIS data that can be

projected on workstations with ESRI software. And someday OCD may even link the OSE POD information to the public GIS platform on the website, but you know the ITO request list is always long.

Please provide Kathleen with your results. If you have additional questions on this content, you may contact me. Later. PRG

From: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Sent: Tuesday, October 19, 2021 9:17 AM
To: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Subject: FW: [EXTERNAL] RE: Tarco PMX-305 Brad State #6

From: David Catanach <catanach_david@comcast.net>
Sent: Tuesday, October 19, 2021 9:15 AM
To: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Subject: RE: [EXTERNAL] RE: Tarco PMX-305 Brad State #6

Hi Kathleen,

The State Engineer website does not show a fresh water well at a distance of 0.2 miles from the Brad State No. 6 (See Attached).

I again searched in Sections 2, 3 and 10, T-18S, R-27E. The only well they show to the SW of the Brad State No. 6 is Well Record No. RA 03917, which I referenced in an earlier E-mail. This well is approximately 1.2 miles SW of the Brad State No. 6, and as I mentioned earlier, it was drilled in 1958 and is likely not in use at this time.

If you have other information about a well 0.2 miles SW of the Brad State No. 6, can you please forward that information to me, and we will see if we can track it down. I don't know of other sources besides the State Engineer that has information about the location and existence of fresh water wells. If you can provide that reference to me, it would really help.

Thanks,
David

Sent from [Mail](#) for Windows

From: [Murphy, Kathleen A, EMNRD](#)
Sent: Monday, October 18, 2021 3:58 PM
To: [David Catanach](#)
Subject: RE: [EXTERNAL] RE: Tarco PMX-305 Brad State #6

Mr. Catanach,

After discussions with Mr. Goetze, I will need more information on the status of water well that is 0.2 mile to the SW of the Riverwolf Unit 5 well, as mentioned below. It appears this water well was not identified in the original application. I agree that the other well to the SW is not in the AOR, as it is just over 1.2 miles in distance.

Again, Thank you.



From: David Catanach <catanach_david@comcast.net>
Sent: Monday, October 18, 2021 9:39 AM
To: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Cc: Joe Tarver <joe@tarcosupply.com>
Subject: RE: [EXTERNAL] RE: Tarco PMX-305 Brad State #6

Good Morning Kathleen,

Regarding the well name, please note that historically, the OCD District Offices would not approve APD's for Re-entry of plugged wells for conversion to injection until a valid injection permit had been issued for the well from the Santa Fe OCD. In filing this injection application, we were under the assumption that this process was still in place. In order to expedite approval of this injection application, we would therefore request that the permit be issued under the current well name, the Riverwolf Unit Well No. 5. Subsequent to approval of this application, Tarco Energy, LC will file a C-101 form, complete with all necessary attachments, to obtain OCD approval for re-entry of the well. If necessary, Tarco will also file a request to amend Order No. PMX-305 to reflect the correct well name.

With regards to fresh water in this area: In the previous application, (PMX-280), the OCD did not require fresh water sample analysis because there were no fresh water wells within a one-mile radius of the Brad State No. 1. I have again conducted a search of the New Mexico State Engineer's Waters Database to determine the location of any fresh water wells in this area. As stated in the pending

application, there are no fresh water wells located within a one-mile radius of the Brad State No. 6. The closest well, as you have stated, appears to be in the SE/4 NW/4 NE/4 of Section 10, T-18S, R-27E, at a distance of approximately 1.2 miles from the Brad State No. 6. This well was drilled in 1958 to a depth of 130 feet. Given the drill date, it is highly unlikely that this well is still in use and available for sampling. Waters Database shows that there are two other wells, located in Sections 25 and 26, T-17S, R-27E that may be available for sampling.

These wells are located approximately 2-miles from the Brad State No. 6. Please note that OCD Form C-108 does not require the applicant to provide fresh water data from wells located greater than one mile from the proposed injection well, and therefore, this data was not submitted with the application. If the OCD deems this information necessary, Tarco will attempt to locate these wells and obtain fresh water samples. Please advise.

Thanks,
David Catanach
Agent for Tarco Energy, LC

Sent from [Mail](#) for Windows

From: [Murphy, Kathleen A, EMNRD](#)
Sent: Friday, October 15, 2021 8:11 AM
To: [David Catanach](#)
Cc: [Joe Tarver](#)
Subject: RE: [EXTERNAL] RE: Tarco PMX-305 Brad State #6

I will work on the order and use the current well name. Please submit a short summary regarding the name change and why OCD will use the current well name in the order that is different than in the application.

Also, please elaborate on the fresh water well sampling. Were there samples obtained in a previous order? There is a FW well to the southwest of the river wolf unit (0.2 mi) although I don't know whether it is a viable well at this point. But this section needs more specifics.

Thank you.

From: David Catanach <catanach_david@comcast.net>
Sent: Friday, October 15, 2021 6:51 AM
To: Murphy, Kathleen A, EMNRD <KathleenA.Murphy@state.nm.us>
Cc: Joe Tarver <joe@tarcosupply.com>
Subject: [EXTERNAL] RE: Tarco PMX-305 Brad State #6

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

Hi Kathleen,

Thanks for reviewing our application.

We were focused on obtaining injection approval prior to applying to the OCD to re-enter and complete the well for injection. I was under the assumption that the OCD would not approve a re-entry and well name change prior to obtaining this authority. We will prepare and submit a C-103, or whatever OCD form is necessary to obtain permission to re-enter the well.

So as not to delay injection approval, I don't think it would be a problem to issue the injection permit under the old well name, since changing the well name will be taken care of when we file the C-103.

Thanks,
David

Sent from [Mail](#) for Windows

From: [Murphy, Kathleen A, EMNRD](#)
Sent: Thursday, October 14, 2021 2:13 PM
To: catanach_david@comcast.net
Subject: Tarco PMX-305 Brad State #6

Mr. Catanach,

I am reviewing the PMX-305 for the Brad State #6. It is still under the River Unit #5 well name in the well file. Did Tarco put in a C-103 for a request for a name change and get it approved? I did not see it in Imaging. If not, I will have to write the order using the Riverwolf well name. thanks

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**

