0025

Incoming
C0250005
#3371
BK

From: <petersen@relia.net>
To: "Jim Smith" <jimdsmith@utah.gov>
CC: <petersen@relia.net>
Date: 10/13/2009 8:28 AM
Subject: Re: Coal Hollow
Attachments: Figure 17 Pump test drawdown plot.pdf

Hi Jim. Here is a copy of Figure 17 to Appendix 7-7 that shows the drawdown for the Y-61 pump test. This figure will be formally submitted to DOGM on Wednesday. Let me know if you have any other questions.

Thanks,
Erik

> The Governor has charged us to either approve or deny, by Oct 15, the
> permit we have in front of us. We are thinking if we approve, there
> will need to be conditions, and providing these maps will be one of the
> conditions. In the meantime, could you e-mail me copies. Thanks.
>
> JIM
>
>>>> <petersen@relia.net> 10/11/2009 11:10 PM >>>
> Hi Jim,
>
> I checked this one out and discovered that the figure I created to
> show
> the Y-61 pump test drawdowns somehow didn't get included in the
> August 27th submittal. It will be included in the next submittal. As
> you
> mentioned, the SP-8, SS-30, and C2-40 pump-test responses were
> addressed
> in Appendix 7-7.
>
> I apologize for this oversite and I hope it didn't cause you any
> problems.
>
> Thanks,
> Erik
>
>> OK, this one counts.
>>
>> In the Aug 27 submittal, you've added a discussion of the Y-61 pump
>> test at the end Appendix 7-7; is that the response to my request for
>> contour maps of the drawdown?
>>
>>
>> R645-301-724.500, The Applicant needs to provide a map Ã¢â‚¬â€œ or set
> of
>> maps Ã¢â‚¬â€œ illustrating the size and shape of the cone of depression
> from
>> the pump-drawdown test at Y-61 (Figure 18 in Appendix 7-1 indicates
> that
>> during the pump test, water levels actually increased at SP-8 and
> SS-30

>> and flow increased at C2-40 after 4 hours of pumping)
>>
>>
>>
>>
> Thanks,
>>
>> JIM
>>
>>
>
>

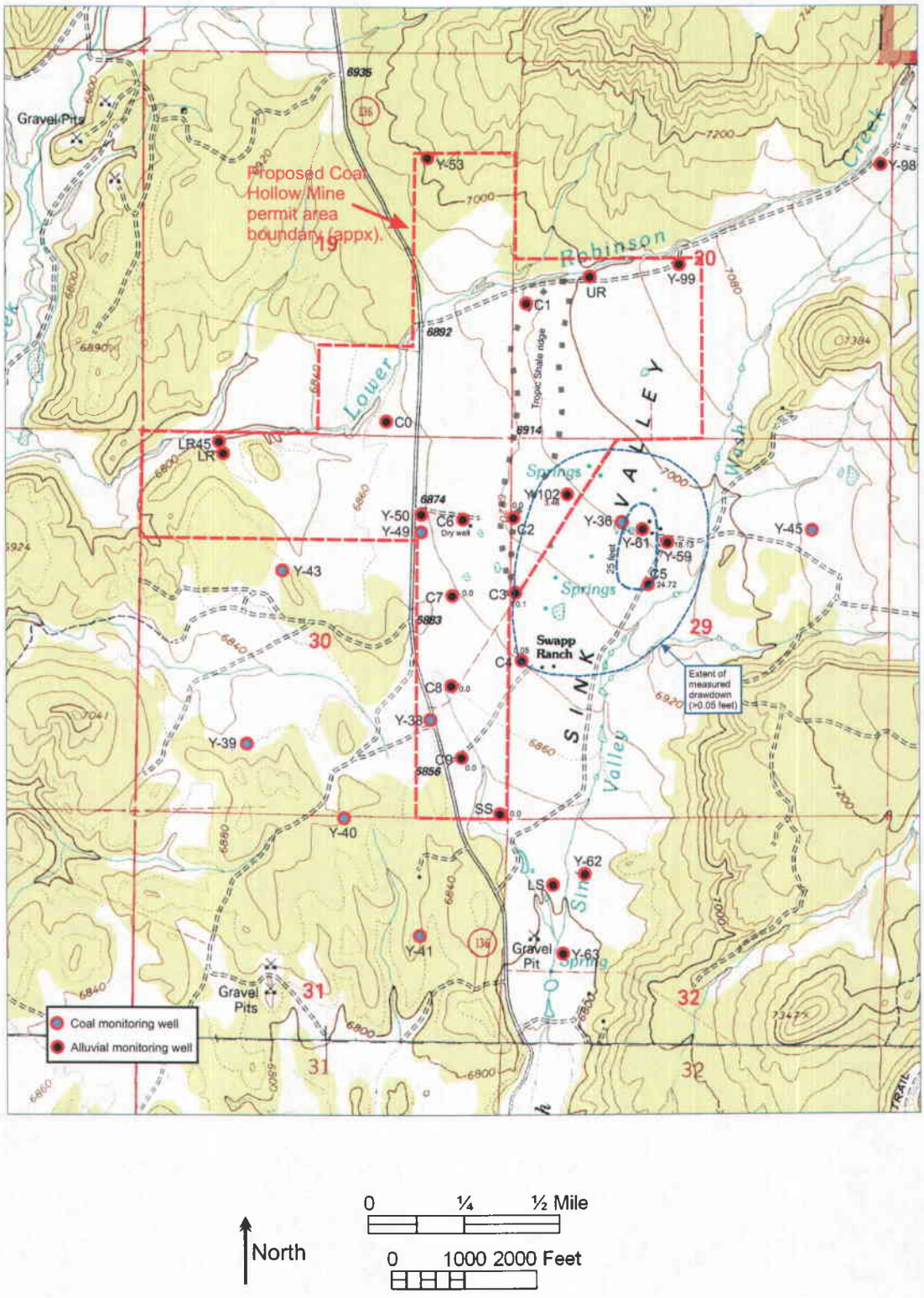

Figure 17 Approximate water level drawdown contour map for the January 2007 pump test of alluvial well Y-61 after 28 hours of pumping. The outer contour shows the limit of measurable drawdown (>0.05 feet). The inner contour shows 25 feet of drawdown. The measured drawdowns are posted next to the monitoring well locations.