Jones, William V, EMNRD

From: Perry, Jake A <Jake_Perry@oxy.com>
Sent: Thursday, August 22, 2019 9:13 AM
To: Jones, William V, EMNRD
Cc: Rickman, Leslie, EMNRD; Goetze, Phillip, EMNRD; Kautz, Paul, EMNRD
Subject: [EXT] RE: South Hobbs 28 Preliminary Procedure for P&A
Attachments: E26L-00087_OXY_SHU-38_Corrosion.Pdf; E26L-00087_OXY_SHU-28_IBC.pdf; SHU 28 WBD Post Plugging.pdf; SHU 28 WBD Current.pdf

Will,

Please see attached PDFs of the log files and wellbore diagrams.

For the USIT Log data, the corrosion print shows normal thickness for a wellbore of this vintage with minimal loss along the entire range of pipe logged. There is an interval between 200'-330' where the thickness measurements show loss of pipe, this interval corresponds to the perforated intervals from remedial cement work completed in the 1980s, so you would expect to see pipe thickness decrease where it was perforated. The cement log shows moderate cement bond in the deeper interval (2600') until reaching 1630'. At this point the cement bond is quite good and shows good cement to about 1300'. This interval isolates the 9-5/8 shoe from surface. The cement from this point towards surface has variability until reaching 300' where the cement bond improves significantly and has good bond to surface. Also, please note we conducted positive and negative pressure tests on the well and each time the wellbore either held pressure with minimal bleed or gained no pressure or flow.

Please let me know if you have any questions.

Jake Perry
Production Engineer
Oxy Permian EOR – Hobbs RMT
(O) 713-215-7546
(C) 864-303-3793

From: Jones, William V, EMNRD <WilliamV.Jones@state.nm.us>
Sent: Thursday, August 22, 2019 9:36 AM
To: Perry, Jake A <Jake_Perry@oxy.com>
Cc: Rickman, Leslie, EMNRD <Leslie.Rickman@state.nm.us>; Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>; Kautz, Paul, EMNRD <paul.kautz@state.nm.us>
Subject: [EXTERNAL] RE: South Hobbs 28 Preliminary Procedure for P&A

Hi Jake,
I found your email, thanks. "Rick" Rickman's email is above.

Would you forward a written interpretation of the two logs to all of us listed in this email?
It could be a short summary, but we need something.

Also, send a quick wellbore diagram with the wellbore as it is now (re-entered) and as it would be after plugging with this procedure.
Send the formation tops marked on the wellbore diagrams. You could just draw it by hand if that is quicker.

Procedure sounds good to me as you said the well is holding pressure,
I would like Paul Kautz to look at it.

Would you please ask your folks to send the logs to Paul Kautz in Hobbs for review and archiving.

Thanks Much,
Will

William V. Jones, P.E.
New Mexico Oil Conservation Division
Engineering and District IV – Santa Fe
505-419-1995 work cell
http://www.emnrd.state.nm.us/OCD/about.html

From: Perry, Jake A <Jake_Perry@oxy.com>
Sent: Thursday, August 22, 2019 4:58 AM
To: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>; Jones, William V, EMNRD <WilliamV.Jones@state.nm.us>
Subject: [EXT] RE: South Hobbs 28 Preliminary Procedure for P&A

Mr. Jones,

Per our phone call yesterday, we received the CBL and casing corrosion data from Schlumberger late last night. The CBL showed good isolation in the 6-5/8 – 9-5/8 annulus from the previous remediation in 1986. The preliminary procedure I supplied will be followed and for clarity, I have copied it below. With your verbal approval last night, we will begin setting our Rustler plug (1600'-1450') this morning. Please let me know if you need any clarification.

1. RIH to 2600' with work string and circulate plug mud to surface.
2. Trip out to 1600' and spot plug with minimum 25 sx of cement.
3. Trip out to 1000' and wait on cement overnight
4. Tag top of plug to verify at least 1450'

5. Trip out to 300’ and circulate cement to surface
6. Remove wellhead and top off cement as needed
7. Install dry hole marker and allow Mr. Rickman to inspect the site prior to backfill

a. This is a below grade marker due to the proximity to the public street.

Jake Perry
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From: Perry, Jake A
Sent: Tuesday, August 20, 2019 10:03 AM
To: Phillip.Goetze@state.nm.us; williamV.jones@state.nm.us
Subject: South Hobbs 28 Preliminary Procedure for P&A

Will,

Attached is the preliminary procedure for SHU 28 that you requested on our call this morning. I don’t have Mr. Rickman’s email address. Could you please reply all and CC him on this email so I can record his email address for the other items I will submit related to the water well and SHU 28?

Jake Perry
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<< File: SHU 028 PA Preliminary Procedure.pdf >>