



State  
of  
Colorado



Andrews - DNR, David <david.andrews@state.co.us>

## great west well

Andrews - DNR, David <david.andrews@state.co.us>

Wed, Feb 13, 2013 at 11:56 AM

To: "Ash - DNR, Margaret" <margaret.ash@state.co.us>

Cc: Soraya Baroumand - DNR <soraya.baroumand@state.co.us>, Jay Krabacher <jay.krabacher@state.co.us>

All,

I have completed reviewing the file, and I made extensive changes to correct/update the scout card.

Surface casing was cemented with more than 100% excess, and the lift pressure looked good prior to bumping the plug, so we should have a fully cemented surface casing. Production casing cement did not circulate to surface, but it would have made it 200' above the surface casing shoe if there were no losses to the formation during the cement job. Despite the scout card showing a WSTC completion, the well was not completed (I am waiting on confirmation from Teri before I go ahead with deleting the WSTC completion from the scout card).

OK BY TERI, WSTC COMPLETION DELETED.

D.A.

It appears that the intent of the 50 sk P&A plug on 5/6/1992 was to place a plug in the production casing, across the bottom of the casing shoe. The production casing was originally cemented at 995', more than 400' above the hole TD at 1482', with open-hole below the shoe. Based on the displacement pressure, it appears that they likely satisfied their objective with a calculated cement top of 707' in the casing.

There is no cement report to confirm a surface plug, but it was required by Jaime Adkins on 11/30/1994 (clarified as a 10 sk cement requirement by Ed DiMatteo in December 1994). There is no cement ticket to confirm the surface plug, but the operator filed a Notice of Intent to place the surface plug during the week of 12/5/1994.

Based on field inspection observations (standing water 5' down in casing by Jaime on 1/30/1996 and "rock drop" test indicating cement at or very close to surface by Soraya), it is my opinion that the surface plug was likely set as required in 12/1994.

In my opinion, no further P&A work is necessary, and the existing swedge serves as an adequate, but not typical above grade P&A marker. ~~However, it wouldn't take much to persuade me to force the operator to remove it and install a "regular" P&A marker.~~ \*

There are several documents from other wells in this well file that need to be moved to the appropriate well files or deleted. I am working on that next.

D.A.

DONE

Thanks,

David D. Andrews, P.E., P.G.  
Engineering Supervisor - Western Colorado

State of Colorado  
Oil and Gas Conservation Commission  
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\* AFTER DISCUSSION WITH  
MARGARET ASH, P&A ACCEPTED  
AS-IS FOR BOND RELEASE  
WITHOUT REPLACING ABOVE-  
GRADE MARKER.

D.A.