



Sundry Notice - P&A
Cavalcade "21" Federal #3

Date 9-17-96

1. Rigged up pulling unit on 9-6-96 and went in hole with tubing to PBTD at 10,052'. Circulated hole with 10# brine and salt gel mud.
2. Pulled up and spotted 25 sacks Class H cement from 7003' up to 6777'. This plug covers the Bone Springs formation top.
3. Pulled up and spotted 25 sacks Class H cement from 4020' up to 3794'. This plug covers the Queen formation top. TOH.
4. WIH and perforated 4 squeeze holes at 3415' (50' above 8 5/8" casing shoe). WIH with packer and attempted to pump into squeeze holes. Pressured up to 2500# and held. Bled off and TOH with packer.
5. WIH and perforated 4 squeeze holes at 3365' (100' above casing shoe) and perforated 4 more squeeze holes at 2320' (100' below base of salt).
6. WIH with packer and attempted to pump into squeeze holes at 3365' and 3415'. Pressured up to 2500# and held. Pulled up and set packer at 2012' and pumped into squeeze holes at 2320' at 2 BPM at 1500#. TOH with packer.
7. Received verbal approval from Andy Cortez with the BLM to spot a plug across lower squeeze holes at 3415' and 3365'. WIH with tubing and spotted 25 sacks Class H cement from 3465' up to 3239'. This plug covers lower squeeze holes and 8 5/8" casing shoe. TOH.
8. WIH with packer and cement squeezed perfs at 2320' with 30 sacks Class H with 2% CaCl. WOC. TOH with packer and WIH and tagged top of plug at 2179'. This plug covers the base of the salt section.
9. Spotted 25 sacks Class H cement from 913' up to 687'. TOH. This plug covers the top of the salt section.
10. Spotted an 80' surface plug on 9-9-96.
11. Cut off casing and anchors. Set P&A marker. Will do surface restorations as per BLM orders.