

Shell Federal #1 – Plug and Abandon

1/22/19


Notified Dillon Rossmango with BLM Carlsbad office at 9:26 am MT 1/22/19 of intent to commence P&A operations on 1/23/19.

1/23/19

RU Stone vacuum truck for catchback and RIW with 34 jts tubing and tagged PBTD at 3051'. RU cement pump and circulated well with 35 bbw followed by 160 bbls mud laden brine water. POW and LD 6 jts tubing and RIW with 12' subs to 2839'. RU cement pump and spotted 40 sx Class C cement (s.w. 14.8 ppg, yield 1.32 cuft/ft) with 1 bfw spacer and 9.4 bbls mud laden brine water. RIW and tagged TOC at 2718', reported tag depth to BLM Carlsbad.

1/24/19

RIW with tubing and tagged TOC at 2698'. Notified Chase Messer with Carlsbad BLM and received approval to continue with P&A operations. RU Basic cement pump and spotted 40 sx Class C cement with 1 bfw spacer and 8 bbls mud laden brine water. RIW and did not tag cement at 2407', POW and LD 6 jts and WOC 1 additional hr. RIW and tagged at 2397' (2390' required). Notified Chase Messer with BLM via text message at 1:13 pm MT and waited 1 hr and RIW and tagged at 2397'. Sent second text message to Chase Messer at 2:04 pm MT of second tag at 2397' and did not receive response by 2:06 pm. Called BLM Carlsbad office and spoke with Mike Balliett and received approval to continue with P&A operations with 2397' tag depth. Sent follow up text to Chase Messer to let him know I received approval from Mike Balliett to continue. Spotted 30 sx Class C cement (s.w. 14.8 ppg, yield 1.32 cuft/ft) with 3.2 bbls mud laden brine water. POW and LD 3 jts tubing and stood 20 jts in derrick.

 1/25/19

RIW with tubing and tagged TOC at 849'. Notified Chase Messer and Mike Balliett with Carlsbad BLM. Spotted 30 sx Class C cement with .9 bbl mud laden brine water. POW with tubing, WOC 5 hrs and RIW and tagged TOC at 300'. Reported results to Chase Messer with BLM Carlsbad office and advised to spot additional 25 sx on top of cement. RIW with tubing to 286' and RU Basic cement pump and spotted 25 sx Class C cement (s.w. 14.8 ppg, yield 1.32 cuft/sk) and displaced with .5 bbl mud laden brine water. POW and LD tubing to 60' and attempted to circulate cement to surface and ran out of cement prior to achieving correct weight. Circulated well clean and waited on cement for 1-1/2 hrs. Mixed and circulated 16 sx Class C cement (s.w. 14.8 ppg, yield 1.32 cuft/sk) to surface. Washed up pump and lines, ND BOP and washed out BOP and wellhead. RD Basic cement equipment. NU capping flange with two bolts and SDON. Notified Chase Messer with BLM of final plug being set.

1/28/19

RDPU and cleaned location. Well plugged and abandoned, awaiting cut off and installation of dry hole marker on Feb 6th, 2019.

2/7/19

Contractor installed 1/4" plate with 1" valve and dry hole marker with the legal description of well. Removed mast anchors and cleaned up area. Well Plugged and Abandoned.