

Lea Unit #49H – Sundry Notice

Subsequent Report

*Other

Drilling Operations

12-Feb-2018: Spud well @ 21:00 hours.

13-Feb-2018: Drilled 17-1/2" hole to 1,805' MD (TD). Ran 44 joints of 13-3/8", 54.5#, J-55, STC casing set @ 1,800'. Pumped lead cement: 1,300 sx of Class C, 13.50 ppg, 1.72 yield, followed by tail cement: 200 sx Class C Neat, 14.80 ppg, 1.32 yield. Circulated 538 sx / 165 bbls of cement to surface. WOC 8 hours.

14-Feb-2018: Installed Cameron 13-5/8" x 3K wellhead and test to 500 psi (good). Installed 13-5/8" x 5K mud cross, double-ram preventer and annular preventer, rotating head bowl and flow nipple. Test BOP, top-drive, floor valves and mud lines to 3000 psi high / 250 psi low. Tested annular preventer to 2500 psi, and tested 13-3/8" surface casing to 1000 psi (good).

17-Feb-2018: Drilled 12-1/4" intermediate hole to a TD of 5,600'. Ran 47 joints of 9-5/8" 47#, HCL-80, LTC casing and 82 joints of 9-5/8" 40#, J-55, LTC casing set @ 5,597'. Pumped lead cement: 1700 sx of 35:65 Poz/Class C, 12.60 ppg, 1.94 yield, followed by tail cement: 350 sx of Class H, 15.6 ppg, 1.18 yield. Opened DV Tool @ 1,926'. Circulated 567 sx / 196 bbls of cement to surface. WOC 8 hours.

18-Feb-2018: Installed B Section and tested to 1800 PSI. Installed 13-5/8" x 5K Double Ram Preventer and 5K annular. Tested BOPE, choke manifold and all valves to 5000 psi high / 1500 psi low. Tested annular preventer to 2500 psi high / 250 psi low. Tested 9-5/8" casing to 1500 psi (all test good).

27-Feb-2018: TD 8-1/2" production hole @ 15,810' MD / 10,462' TVD.

28-Feb-2018: Ran 364 joints of 5-1/2" 20#, HCP-110, GBCD casing set @ 15,802' MD. Pumped lead cement: 1300 sx 50:50 Poz/Class H, 11.9 ppg, 2.47 yield followed by tail cement: 1600 sx PVL, 12.6 ppg, 1.62 yield. Circulated 454 sx / 200 bbls of cement to surface. Set 5-1/2" casing slips. WOC 4 hours. Install 7-1/16" x 10k tubing spool, and test to 3800 psi (good). Rig release @ 22:00 hours. End of drilling operations, preparing well and location for completion operations.

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