

30.025-42958

**Lea Unit #51H – Sundry Notice**

Attachment to sundry dated 7-19-17,  
approved by BLM 7-28-17

Subsequent Report

\*Other

**Drilling Operations**

01-Jun-2017: Spud well @ 10:30 hours.

02-Jun-2017: Drilled 17-1/2" surface hole to 1,855' MD (TD).

04-Jun-2017: Ran 44 joints of 13-3/8", 54.5#, J-55, STC casing set @ 1,855'. Pumped lead cement: 1,400 sx of Class C, 13.5 ppg, 1.72 yield, followed by tail cement: 200 sx Class C, 14.8 ppg, 1.32 yield. Circulated 379 sx / 116 bbls of cement to surface. Wait on cement for 8 hours per COA. Installed Cameron 13-5/8" x 3K wellhead and test to 800 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 250 psi low / 3000 psi high. Tested annular preventer to 250 psi low / 2500 psi high, and tested 13-3/8" surface casing to 1500 psi (good).

06-Jun-2017: Drilled 12-1/4" intermediate hole to a TD of 5,600'.

07-Jun-2017: Ran 90 joints of 9-5/8" 40#, J-55, LTC, and 46 joints of 9-5/8" 40#, HCK-55, LTC casing set @ 5,600'. Pumped lead cement: 1600 sx of 35:65 Poz/Class C, 12.60 ppg, 2.06 yield followed by tail cement: 300 sx of Class C, 14.8 ppg, 1.33 yield. Circulated 401 sx / 147 bbls of cement to surface. Wait on cement 8 hours per COA. Installed B Section & tested to 1800 PSI. Installed 13-5/8" x 5K Double Ram Preventer & 5K annular. requirements. Tested BOPE, choke manifold and all valves to 250 psi low / 5000 psi high. Tested annular preventer to 250 psi low / 2500 psi high. Tested 9-5/8" casing to 1500 psi (all test good).

19-Jun-2017: TD 8-3/4" production hole @ 16,282' MD / 10,981' TVD.

21-Jun-2017: Ran 394 joints of 5-1/2" 20#, HCP-110, GBCD casing set @ 16,282' MD. Pumped lead cement: 1500 sx 50:50 Poz/Class H, 11.9 ppg, 2.47 yield followed by tail cement: 1200 sx PVL, 12.6 ppg, 1.62 yield. Circulated 443 sx / 195 bbls of cement to surface, floats held. Set 5-1/2" casing slips and install 7-1/16" x 10k tubing spool, and test to 3750 psi (good).

22-Jun-2017: Rig release @ 00:00 hours. End of drilling operations, preparing well and location for completion operations.

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