

Mudge B 15 - Bradenhead Repair - Subsequent
7/29/96

MIRUSU 6/24/96. RIH w/1-1/4" impression block and tagged up at 5058'. Block had one inch gouge on one side. SICP 300#, SITP 300#.

TIH and set RBP @ 4608' and pressure test to 500#. Held okay. Spot sand on RBP.

Run CBL from 95' to 4599'. Estimated TOC @ 4280'.

Perforated at 2726', 2340' with 2jspf, .450 inch diameter, total 4 shots fired.

TIH with tbg and set cmt retainer at 2553' and pressure test tbg to 1000#. Held okay.

Squeezed holes at 2726' with 100 sxs Class B cmt.

Pressure test casing with pkr @ 1993' and lost 500# in 30 seconds. Isolated leak between 1464' and 1482'.

TIH and set RBP above squeeze hole @ 2340' to squeeze off leaks. Will squeeze perfs @ 2340' later.

Squeezed leak at 1464'-1482' with 50 sxs Class B cmt.

Perforated at 1079' with 2jspf, .450 inch diameter, total 2 shots fired, circ dye to surface.

Squeezed from 12' to 1079' with 385 sxs Class B cmt.

TOH with pkr & TIH with bit, scraper and tbg. Tagged cmt drilled out first squeeze and tst. Tested to 500#, casing held. Drilled thru second squeeze and pressure tst'd and squeezed leak. Drilled thru cmt @ 1460' to 1480' and RU to test holes and pressure leaked off.

Squeezed from 1463' to 1479' with 50 sxs Class B cmt.

TIH with bit and scraper and tagged cmt and drilled out cmt and prep to pressure tst squeeze. Pressure test casing to 500#. Tested okay.

TOH w/tbg, scraper and bit & TIH with retainer head and RBP @ 2304. TOH w/RBP & SI.

Cleanout sand on RBP & TOH w/plug and prep to cmt holes in Fruitland.

Squeezed at 2340' with 50 sxs Class B cmt.

RU and pressure tested Fruitland down tbg, test held. Tested squeeze at 1462' and found a leak. TOH prep to cmt.

Squeezed at 1461' with 50 sxs Class B cmt.

TIH and drill out cmt and cmt retainer set @ 2553'. Pressure test casing to 300#. Held okay. Circ off sand to 4008' and TOH with drill collars and bit. TIH w/retainer head.

Ran CBL from 100' to 3000' to check squeeze Isolation at 2720' to 2810'.

TIH with 3-7/8" bit and cleaned out open hole 3 times. TIH and land production string @ 4993'.

RDMOSU 7/17/96.