

GALLEGOS #4E
Basin Dakota Completion
5/18, 1994

N-33-26N-11W

File

5/04/94, MIRUSU. On 5/05/94, TIH w/bit & scraper & 8 DC - TIH & tagged cmt @ 2484' Drl outs stage tool @ 4292' Test 1500 PSI, TIH and tagged cmt @ 5813' drl cmt to 5918' SWIFN. On 5/06/94, CMT top @ surf- RD WLE - ND BOP nu frac valve, Press to 3500#

PERF: TIH & Perf DK w/4" HCG w 4 JSPF 90 deg. Phased 19.5 GRM charge .45 hole - f/5832-5868, w/fluid level @ 5300'.

FRAC: Frac DK interval 5832-5868 w 20/40 Ottawa sand w/ 70 quality foam - pump 4179 gal of PAD, Pmp 4271 gal PAD staged sand f/ 1 lb to 5 lb, Pmp 127000 lbs. 20/40 Ottawa & 30000 lbs. 20/40 super DC sand, actual pump = 141200 lbs - all sand was RA tagged w/IR - 142. Total liq. vol pump 30808 gal, total N2 = 1826893 SCF. avg rate = 19 BPM, avg pressure 3500.

TIH, Land tbg @ 5858'. ND ABOP, NUWH, SWI, RDMOSU.