# Louis Dreyfus Natural Gas
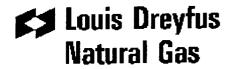
## HAPPY VALLEY '4' FED #22

11/19/97    Days- 91; TD- 11856; PBTD- 11813;RIH W/UNI-6 PKR & TBG;Lower Morrow; Perfs- 11770'-11772' & 11774'-11776' 4' w/19 holes.; Csg- 4 1/2 13.5# 8933'-11856; Tbg- 2 3/8"; BOPD- 0; MCF/D- 0; BWPD- 0;IFL @ 9000' made two swab runs. Swab dry @ 11,400' had small amount gas @ top of runs. Fire will burn. 1st hourly run fluid level @ 11000 scattered fluid to 11400' swab 150' fluid. 2nd hourly run fluid level 11100 scattered to 11400' recovered no fluid. Recovered 8.5 bbls. Total recovered 29 bbls. Shut well in & SDON.

DWC-$ 1,097 CWC-$ 1,301,502 CMIC- CD

11/20/97    Days- 92; TD- 11856; PBTD- 11813;SWAB TBG;Lower Morrow; Perfs- 11770'-11772' & 11774'-11776' 4' w/19 holes.; Csg- 4 1/2 13.5# 8933'-11856; Tbg- 2 3/8"; BOPD- 0; MCF/D- 0; BWPD- 0;IFL 11000' swab tbg down to 11400' RU Dowell, RU tree saver. Pressure up csg to 1200#. Tested line to 11000#. Held safety meeting. Acidize well as follows: 1000 gals 7 1/2% acid w/inhibitor & iron control w/methanal, flushed w/65,000 SCF nitrogen. Max psi 6300#, min psi 3800#, avg psi 6100#, avg BPM 3.2, ISIP 6000#, 5 min 5532#, 10 min 5345#, 15 min 5244#. RD tree saver. RD Dowell. Open well up to pit on 14/64 choke. Pressure drop off. Open well to 26/64, open well wide open. Well flowed for 30 min. Well died w/no fluid recovered w/no natural gas. RU swab, IFL @ 9000' made 1 run w/acid. Had no flag on swab line after 1st run because of acid. SD for 2 hr. Made swab run fluid @ 9500' no flag on swab line. SDON.

DWC-$ 8,551 CWC-$ 1,310,053 CMIC- CD

11/21/97    Days- 93; TD- 11856; PBTD- 11813;SWABBING;Lower Morrow; Perfs- 11770'-11772' & 11774'-11776' 4' w/19 holes.; Csg- 4 1/2 13.5# 8933'-11856; Tbg- 2 3/8"; BOPD- 0; MCF/D- 0; BWPD- 0;IFL 9000' made 1 run. Swab had cut off 400', powered rope socket. 2 run 9500'. 3rd run 10500', after run had 3' flare. Flowed well on 10/64 choke for 2 hours w/no pressure. RU swab, level @ 10500 swab dry. Shut well in overnight. SDON.

DWC-$ 1618 CWC-$ 1,311,671 CMIC- CD