

PETROLEUM DEVELOPMENT CORPORATION
Daily Completion Report
May 5, 2004

Wells Ranch 14-2	04/30/2004	MIRU Nuex Wireline. Ran GR/CCL log setting a CIBP @ 7000' (between J-Sand & Codell). Perforated the Codell formation from 6645-6651' (2 spf, 11 gram charges, 0.34" entry hole, & 13.59" penetration, total 12 shots). Perforated the Niobrara from 6476-6482' (6 shots total, 2 spf, 11 gram charges, 13.59" penetration, 0.34" entry holes). 120° phasing for all shots. 18 total shots. RDMO Nuex Wireline.
	05/04/2004	MIRU HES for Codell/Niobrara limited entry fracture treatment. Load hole & breakdown formation with 2% KCl water (83 bbls @ 2.3 bpm, maximum pressure). Pump 36 bio-ball sealers 5 bbls before starting acid. Pump 12 bbls of 7 ½% HCl treated acid. Flush acid and well to 2 bbls overflush (200 total bbls total fluid to recover during BD. Could not achieve rate needed for fracture treatment. RD HES from wellhead.
	05/04/2004	MIRU Nuex Wireline to reperforate codell formation. RIH & perforate the codell @ 6646-6652' (1 spf, 23 gram charges, 0.42" entry holes, 20.45" penetration). RDMO Nuex Wireline.
	05/04/2004	RU HES back to wellhead, start fracture treatment. Pump pad 1 ppg stage, part of 2 ppg stage (41,600 lbs total) (2125 bbls of Silverstim 32# gel, clean bbls). Overflush well by 40 bbls. 3 shutdowns due to HES equipment issues, SD HES FN. Rehaul sand and fluid to start over with fracture treatment Thursday morning. Turn well on to flowback tank on a 12/64" choke.
	05/05/2004	Well flowed back 514 bbls overnight, cutting oil. 250 psi on wellhead in am.
	05/06/2004	MIRU Halliburton. Restarted the stimulation on the Codell/Niobrara from 5/4/04. Pump 3677 bbl Silverstim 30# fluid, 335900# of 20/40 mesh white sand and 16000# of 20/40 mesh AcFrac Black resin sand. MTP - 4892 psig; ATP - 4538 psig; AIR - 25.6 bpm; stage sand @ 1-4 ppg; ISIP - 4618 psig; flush with 103 bbl. 1.15 FG. Open well to tank on a 20/64 choke.