

ATTACHMENT I

Item 12 (continued)

McDonald State A/C 1 Com No. 9

- 04-28-90 Load csg w/2% KCl water & pressure test to 800 psig for 15 mins - OK. Release RBP & POOH w/plug & workstring. PU & RIH w/6 1/8" bit & 4-3 1/2" drill collars on 2 7/8" workstring. Tagged up @ 3844' KB. RU power swivel. Clean out & drill to TD of 3856' w/60% returns. Circulate & condition hole. POOH w/workstring & BHA. RIH w/20 stands 2 7/8". Secure well & SDFN.
- 04-29-90 SD for weekend.
- 04-30-90 SD for weekend.
- 05-01-90 POOH w/2 7/8" workstring. RU Apollo Wireline. Run GR-CNL-CCL logs from Loggers TD of 3865' to 2450'. RIH & perforate w/2 JSPF @ 3566-86', 3590-3610' & 3614-34' for a total of 120 holes. RD Apollo. PU & RIH w/2 3/8" SN, treating pkrs (Model R & AR) 7' spacing, mechanical collar locator & 2 7/8" SN on 2 7/8" workstring. Check depth w/csg collars @ 2963', 2994', 3004', 3027' & 3628'. Set pkr's straddling 3639-3646' (blank pipe) w/20 pts on slips. Drop standing valve. Secure well & SDFN.
- 05-02-90 RU Western Co. Load tbq w/2% KCl & pressure test to 2000 psig - OK. Fish standing valve. Acidize open hole interval (3662'-3856') w/4000 gals 15% NEFE acid in 4 stages using 1350 lbs Westblok 1 (rock salt) in 3 stages. Flushed w/20 bbls 2% KCl. Pmax=750 psig, Pavg=600 psig, AIR=4.2 BPM, ISDP=200 psig, Vac in 2 mins. Drop standing valve. PU & acidize perforations (3566'-86', 3590'-3610', 3614'-34') using treating pkrs w/7' spacing (9 setting). Acidized perfs w/3500 gals 15% NEFE flushed w/21 bbls 2% KCl water. Pmax=2700 psig, Pavg=200 psig, AIR=3.0 BPM, ISDP=0 psig. RD Western Co. Fish standing valve. PU 1 stand & set pkr @ 3513'. RU to swab. Made 23 swab runs in 5 1/2 hrs. Recovering 23 BO & 107 BW. IFL=1000' FS, FFL=2600' FS. Secure well & SDFN.
- 05-03-90 SITP=540 psig. Opened well up to frac tank. Well flowed 20 BF in 2 hrs, then died. RU swab. Staring FL 1900' FS. Made 30 swab runs in 9 hrs, rec'd 38 BO & 155 BW. Final FL 2400' FS. SWI. SDFN.
- 05-04-90 SITP=850 psig. Opened well up to frac tank. Well flowed 9 BF in 1 hr & died. Made 29 swab runs in 10 hrs recovering total of 28 BO & 155 BW. IFL=1800', FFL 2400'. Good blow of gas after each run. Secure well & SDFN.
- 05-05-90 SITP=890 psig. Opened well up to frac tank. Release pkr. Kill well w/50 bbls 2% KCl water. POOH w/pkr & workstring laying down. PU & RIH w/2 7/8" production string consisting of 2 7/8" slotted mud anchor, API SN, 12 jts 2 7/8" J-55 tbq, 2 7/8" x 7" TAC & 115 jts 2 7/8" tbq to 3831' KB. ND BOP's. Set TAC @ 3450' w/SN @ 3814' KB. NU wellhead w/tbq in 12 pts tension. RDPU. Drop from report waiting on installation of pumping equipment.
- 05-06-90 SD for weekend.
- 05-07-90 SD for weekend.
- 07-04-90 Set M228-256-120 Lufkin (transferred from Warn St. A/C 2 No. 14 w/30 hp electric motor). RU pulling unit. RIH w/1 3/4" pump on 3/4" & 7/8" steel rods. RD pulling unit. Start well pumping to test tanks. 104" 13 spm.
- 07-05-90 Well pumped 65 BO & 283 BW in 16 hrs.
- 07-06-90 Well pumped 112 BO & 318 BW in 24 hrs.