

## WORKOVER PROCEDURE

**Well Name:** Happy Valley Fed Com #1      **Date:** 6/90

**Field:** South Carlsbad

**Objective:** Add upper Morrow. Plugback of lower Morrow is contingent.

**Background:** Well is incapable of flowing into sales line. Good Upper Morrow potential exists based on offset well production. This workover proposes to add perfs to the upper Morrow.

### Anticipated Pressures:

	BHP (psi)	Observed SITP	Workover Fluid	H <sub>2</sub> S (PPM)
Current zone:	1245 <sup>1</sup>	830 <sup>2</sup>	N/A	0

### BOP Specs:

Class	H <sub>2</sub> S Service Equip. Req.	Variances Apply Requested	H <sub>2</sub> S (PPM)
Class II	No	No variances apply	0

### Pipe performance:

	Burst (w/1.1 SF)	Drift	Capacity (bbl/ft)	Service (years)	Depth Set (feet)
Tbg: 2-7/8", 6.5#, N-80	9609 psi	2.347"	.00579	5	surf-10213'
Prod Csg: 5", 20.8#, P-110	14773 psi	4.031"	.0167	5	surf-TD
Inter Csg: 9-5/8", 40#, K-55	3591 psi	8.679"	.0758	5	surf-2595'

### Footnotes:

1. Actual static BHP measured 9/14/88 after 14 days SI.
2. Actual SITP measured 9/14/88 after 14 days SI.

### Procedure:

1. Prior to MIRU, check the pressures on the tubing and all casing annuli. Report annular pressures found to the Exxon Supervisor and discuss appropriate and safe blow down procedures. Attempt to bleed annulus pressures to zero. For annular pressures that will not bleed to zero, first review with the Field Supt., then inform the Subsurface Engr. Document all annular pressure activity on morning report.

