

## WORKOVER PROCEDURE

DATE: 9-08-86

ARCO WI: 50.00%

Lease & Well Name: Schlosser WN Federal #1R Location: 1850' FNL & 790' FWL Sec 10 T27N, R11W, San Juan Co., New Mexico Job Title: Re-complete Gallup/Dual w/Dakota

Lease: Schlosser WN Federal Lease Field: Basin Dakota Engineer: R. D. Trimble

Production Foreman: Chris Fuhr Spud: 12-15-84 Prepared By: K. D. Krawietz

TD: 6830' PBD: 6748' Elevation GL: 6250' RKB: 14' AGL

Tubinghead: Make OCT-TCM Pressure Rating: 11" 3000 x 7-1/16" 5000

Tubing Data: Size 2-3/8" Wt. 4.7# Grade J-55 Thd EUE 8r Btmd @ 6609'  
Jts 201 Misc. \_\_\_\_\_

Casing Information:	Size	Wt.	Grade	Set @	Sx Cmt	Top of cement
Surface	<u>9-5/8"</u>	<u>36#</u>	<u>K-55</u>	<u>505</u>	<u>300</u>	<u>Surf</u>
Intermediate					<u>2 Stage</u>	
Producing	<u>7"</u>	<u>29#</u>	<u>S-95</u>	<u>6829</u>	<u>1525</u>	<u>Surf</u>
Innerstring						

Liner: Size NA Wt. \_\_\_\_\_ TOP \_\_\_\_\_ Bottom \_\_\_\_\_ TOC \_\_\_\_\_

Present Perforations and Formation: Dakota: 6615'-6662'

Open Hole Size NA From: \_\_\_\_\_ To: \_\_\_\_\_

Packer & Miscellaneous: No pkr. Has 1.81" ID SN on bottom of bottom jt.

Status: SI. SITP 680 SICP 680. Produced intermittently ARO 600 MCFPD

## PROCEDURE

1. Test anchors. MIRU Completion Unit. Bleed well down. Kill well as necessary w/2% KCL wtr to ND tree & NU 5000 psi WP BOPE.
2. Tag btm w/prod tbg to check for fill. Clean out if necessary. POH.
3. GIH w/Model "G" RBP on 2-3/8" tbg. Set @  $\pm 6200'$ . Test casing & RBP to 4000 psi. Spot 200 gal acid f/5980' to 5858' & POH LD 2-3/8" tbg. Replace couplings w/turned down and beveled couplings.
4. Perforate the Gallup formation w/1-0.38" hole per foot using deep penetrating charges @ 5858, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 5900, 02, 04, 06, 08, 10, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, & 80. (62 holes). NOTE: CML indicates excellent bond throughout this interval.
5. TIH w/7" Baker Model "C" full bore pkr & 2-3/8" SSN on new 2-3/8" production tbg w/turned down & beveled couplings to 5750'±. Set pkr and press annulus to 1000 psi.
6. Acidize Gallup perf f/5858-5980' down 2-3/8" tbg w/5500 gal 15% HCl @ 4-6 BPM using 100 - 1.3 SG ball sealers. Flush to bottom perf w/2% KCl wtr.

Notes: a. Actual acid volumes and additives will be specified by engineering.  
b. Deep balls to groups of 10 for each 10 bbls of acid after pumping