

#1 STP State - PPC  
 Simpson Trading Post Pr  
 NLNW, Section 16, T27N-R12W  
 San Juan County, New Mexico  
 Estimated TD 7,000' - Dakota Formation

8/21/79 - WOCT.

8/22/79 - MICU.

8/23/79 - Allen Construction Company moved in completion rig. Rigged up unit & installed tbg head. Picked up 189 jts of 2-3/8" 4.7#/ft tbg. Tagged 6,050' ground level. Left tbg in hole to displace w/KCL wtr. Preparing to log & perforate this morning.

8/24/79 Rigged up Western Company and mixed 400 barrel tank of KCL water. Displaced hole with 2% KCL water. Tested casing to 3000 psi, held OK. Rig down Western and Rig up McCulloch. Ran GR-Cement Bond Log and Sonic Seismogram log - had good bond to above Dakota formation. PBDT 6043'. Swabbed well down to 2300'. Perforate from 5916'-5921 and 5924'-5944'. Had 1 SPF of 3-1/8" Omega II casing gun. McCulloch had problem and did not finish until 5:30 p.m. Ran all of tubing except ten stands and SDON.

8/25/79 - Ran 10 stands tbg. Swbd AW & KCL wtr. Swbd well dn. Had very slight show of gas on tbg. Had 180 psi on csg w/well swbd dn. Est. swbd 127 bbls load (est. all load). Checked wtr samples. Wtr samples were SW & KCL wtr mixed. SD for weekend.

8/26/79 - SD Sunday. Checked well head pressures. No pressure on csg. Could not check tbg due to well head hook up.

8/27/79 - Prep to frac (dn csg) w/Western Company.

8/28/79 - Well had 550 psi on tbg. 0 psi on csg. Bled well dn. Ran 10 stds tbg. Ran swb. Fnd F/L @ approx 3,200'. Pulled tbg. RU Western. Fraced well w/Mini-Max III (gel fresh wtr) as follows:

<u>VOLUME</u>	<u># GAL</u>	<u>RATE</u>	<u>PRESSURE</u>	<u>TOTAL SAND</u>
5,000	pre-pad	25	2,400	-----
10,000	pad	25	2,200	-----
10,000	0.5	25	2,200	5,000
10,000	1.0	25	2,200	10,000
10,000	1.5	25	2,250	15,000
10,000	2.0	25	2,300	20,000
5,000	2.5	25	2,300	12,500
5,000	3.0	25	2,400	15,000
4,000	flush	25	2,700	-----

Minimum treating pressure, 2,200 psi. Maximum treating pressure, 2,700 psi. Average treating pressure, 2,300 psi. Average rate, 25 RPM. Instant SIP 1,950 psi, 15 min SI - 1,850 psi. Total sand used, 77,500# 20-40. Total load to recover - 1641. Well SI until 4:30 p.m.

<u>TIME</u>	<u>PRESSURE</u>	<u>CHOKE</u>	<u>VOLUME</u>	<u>CUM VOLUME</u>
4:30	970	14/64	-----	0
5:00	905	14/64	1	1
5:00	850	16/64	-----	-----
5:30	700	16/64	27	28