ILLEGIBLE

[illegible]

Tried to frac interval. Press. up w [illegible] psi for 10 min. and could not [illegible] to [illegible].

[illegible] out' with [illegible] test.

Tried to frac again. [illegible] on well with [illegible] psi pressure and [illegible] for [illegible] min. Formation still would not break down.

[illegible] with [illegible]. [illegible] 7-[illegible] opened [illegible]. Pressure [illegible] psi. [illegible].

2[illegible] [illegible] 20,00[illegible] [illegible] and [illegible] 20-[illegible] [illegible] rate [illegible] [illegible].

Went in hole [illegible] 57[illegible]'. [illegible] which [illegible] did not [illegible] connect[illegible] [illegible] wire line [illegible] came out of hole. Top of fish at 5763'. Total length of fish = [illegible].

Went in hole with [illegible] on [illegible] hole of [illegible] came out of hole with [illegible].

[illegible] interval [illegible] 57[illegible] [illegible] shots [illegible]. Got communication from [illegible] when [illegible] perfs were shot.

Frac [illegible] no visible [illegible] psi. ISIP = 2,[illegible] psi.

2/9/[illegible] Left well shut in 12 hours after frac. Press. bled down to [illegible]. Opened well and [illegible] off remaining pressure. Went in [illegible] out [illegible] oil. [illegible].

Tubing detail: [illegible] 2-3/8", [illegible] 4.7#, [illegible] with pin collar [illegible]. [illegible] depth [illegible]' K.B.

Released drilling rig.

[illegible] 10 [illegible] through [illegible] trying to [illegible] off and clean up [illegible]. Well would flow small volume of water, but very little [illegible] not [illegible] pressure and volume [illegible].

2/12/[illegible] through [illegible] not [illegible] [illegible] through the [illegible] [illegible].

History of Oil or Gas Well (continued)

3/3/61 Moved in workover unit. NU BOP. Tagged top of sd fillup at [illegible]' w/ tbg. Circ. out sd to [illegible] and started to swb tbg. Swbd well for 12 hrs. Could not lower fluid level below 1000'. Well acting just as it has previously. Pulled tbg out of hole.

3/4/61 Went in hole with pkr on tbg and set pkr above perforated interval [illegible]864-[illegible]884. Swbd zone for 16 hrs. At end of swb period water was entering well bore at a rate of 8 bbls per hr. Well making small amount of gas (approx. 50 MCFD).

3/5/61 Released pkr. Set bridge plug at 5826' and set pkr at 5690'. Swbd upper three perforated zones 12 hrs. Could not lower F.L. in tbg. Well making very small amount of gas. Took water samples. Wtr had a resistivity of 0.15 at 132° F.

3/6/61 Pulled tools out of hole. Went back in and set pkr at 5826' to further test lower zone. After swbg 24 hrs, wtr entry into well bore had decreased to approx. 4 BPH. Gauged gas flow. Well was making 95 MCFD immediately after pulling swab, and would drop to 45 MCFD in two minutes. Shut down swbg unit further orders.

3/7/61 Ran swb test on upper Dakota perf. Set bridge plug at 5526' and pkr at [illegible]77[illegible]'. Swbd well approx 8 hrs. Fluid level fluctuating slightly from [illegible]00' to 1[illegible]00'. Swbg an estimated 25 BWPH. Water of same description as that swbd on 3/5/61. Well making amount of gas too small to measure.

3/8/61 Went in hole and reset tools so as to test Graneros zones. Set bridge plug at [illegible]77[illegible]'. and pkr at [illegible]712'. Swbd for 14 hours. Test was almost identical to that reported for 3/7/61. This can be accredited to the fact that all these zones are cummunicated. Came out of hole with the tools.

3/9/61 Ran tbg back into well and released workover unit.

Plugging Detail: Plugged and abandoned by setting 2[illegible] sx cemt @ 5950-5670'. Shot off csg @ 2200' and set 20 sx plug at stub. Set 30 sx plug at 2050-2150 and 30 sx @ 1150-1250' and 30 sx @ 850-950'. A 50' plug was placed in surface pipe and a 4" pipe 4' high was set to mark location.