

# WESTATES PETROLEUM CORPORATION

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### HISTORY OF OIL OR GAS WELL

CARLSON B 26 WELL NO. 4

SEC. 26, T25S, R37E.

Spudded June 14, 1956 making 11" rotary hole. Drilled to 2160'. Set & cmt. 2148' of new 8 5/8" csg. using 100 sks. neat cmt. around bottom and 500 sks. of 50-50 poz-mix cmt. thru DV cmtr. at 1138' circulated to surface, June 19th. Drilled cmt. after 36 hrs. on June 20th to 2155'. Tested csg. w/1000# for 30 min. w/o loss of press., continued drilling making 7 7/8" rotary hole. Made 7 7/8" rotary hole to 4802'. Tested Glorietta formation from 4802' to 4683'. Tool open 2 1/2 hrs. - Initial hydro-static press. 1980 P.S.I., I.F. 320#, F.F. 420#, S.I. Press. after 30 min., 520#, recovered 600' fluid. 1.0% gas, 1.0% oil, 38% water, 60.% solids or mud. Made 7 7/8" rotary hole to 4831', T.D., w/o any show of oil or gas pay, 7-7-56. Ran gamma ray neutron log to T.D. Run 3350' of new 5 1/2" 15.5# Ygat. smls. csg. using 250 sks. poz-mix 50-50 cmt. at 3360'. Plug back from 3390' to 3360' on 7-8-56 leaving hole full of heavy rotary mud below plug. Ran temp. survey and found cmt. top at 2358'. Perforated csg. at 2350' and recemented through perforation using 100 sks. neat cmt. Ran temp survey and found cmt. at 2160', the base of the 8 5/8 csg. Drilled cmt. 7-10-56 and tested csg. w/1000# press. for 30 min. w/o loss. Perforated csg. from 2614' to 2628' and from 2319' to 2325'. Broke each zone down separately w/acid. Fraced formation using 15,000# sand and 15,000 gal. Tested well. Recovered 450 bbls. frac fluid plus oil load. Gas flow only w/less than 200 MCF per day at 20 P.S.I. separator press. Set retainer at 2285' and cemented using 200 sks. neat cmt., final press. 1200#. Drilled cmt. to 2355'. Tested w/1000# press. & found cmt. not holding. Set retainer at 2272' and cmt. w/100 sks. neat cmt. final press. 3000#. Drilled cmt. on 7-21-56. Tested csg. at 2355' and at 2660' w/1000# press. w/o loss. Drilled bridging plug at 2660'. Perforated csg. at 3030' to 3048' 4 shots per ft. Fraced formation w/10,000 gal. fluid and 10,000 lbs. sand. Final test of well, well head pot. 3,800 MCF, O.F. Pot. 6,400 MCF and S.I. Press. 728 P.S.I.

