

C. W. SHEPARD "a" WELL NO. 4

Spudded 9 7/8" hole 8:00 p.m. March 29, 1962. Ran 445' of 7 5/8" O.D. casing and cemented at 457' with 300 sx Incor. Plug at 424' cement circulated. Job complete 11:45 a.m. March 30, 1962. Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K. Job complete 4:30 p.m. March 31, 1962.

Ran 2960' of 4 1/2" O.D. casing and cemented at 2970' with DV tool at 2393'. Cement 1st stage with 300 sx trinity lite wate. Cement 2nd stage with 450 sx trinity lite wate. Plug at 2930'. Cement did not circulate. Tested before and after drilling plug for 30 minutes with 1000 PSI. Tested O.K. Job complete 2:00 a.m. April 8, 1962.

Ran Isotron Log to 2963'. Job complete 11:55 p.m. April 8, 1962.

Perforate 4 1/2" O.D. casing 2923' to 2926' with 2 jet shots per foot. Acidize with 500 gals LST NEA. Ran RTTS tool and set at 2636'. Cement casing perfs with 50 sx later. Maximum pressure 700 lbs.

Drilled out cement from 2833' to 2962'. Tested 4 1/2" casing with 1400 lbs. Tested O.K. Perforate casing with quadra jet at 2918'. Swab dry. Acidize with 500 gals LST NEA. Bradenhead squeeze perfs 2918' with 75 sx latex. Did not squeeze. Over flushed with 8 BW. Pumped into perfs with 2 BPM at 500 lbs. Squeeze perfs 2918' with 50 sx latex. Job complete 11:45 p.m. April 15, 1962.

Ran 2" sand drill tool set at 2915'. Sand drilled with 3 holes in a plane at 2915' using 1se oil with one lb. per gal. Job complete 2:45 p.m. April 17, 1962.

Load hole with lease crude. Acidize with 250 gals LST NEA. Kill well with water. Ran RTTS tool and set at 2636'. Squeezed 1st stage with 100 sx neat with .5% L.W.L. Maximum pressure 1600 - 800#. Squeezed 2nd stage with 100 sx neat. Maximum pressure 2000 lbs. Over flushed with 6 BW. Squeezed 3rd stage with 100 sx neat. Maximum pressure 1750 - 800#. Squeezed 4th stage with 75 sx neat with 14# Floseal per sx. Rev. out 52 sx cement. Ran sand drill and drilled at 2915' with lease crude with 1 lb. per gal. Rev out sand. Acidize with 250 gals LST NEA. Ran RTTS tool set at 2636'. Squeezed perfs at 2915' with 100 sx latex. Job complete 10:00 p.m. April 24, 1962.

Sand drill 3 holes at 2917' with 1se crude with 1 lb. per gal. Rev out sand. Complete 6:30 a.m. April 26, 1962. Acidize perfs at 2917' with 125 gals 5% LST NEA. Ran RTTS tool and set at 2791'. Squeeze perfs 2917' with 100 sx Incor - Latex. Sand drill 3 holes at 2923' using 1se crude with 1 lb. per gal. Followed with 150 gals 15% LST NEA. Rev out sand to 2956'. Complete 2:40 p.m. April 30, 1962. Ran RTTS tool and set at 2667'. Squeezed perfs at 2923' with 100 sx Incor with .5% L.W.L. Pumped 86 sx into formation. Complete 10:00 p.m. May 1, 1962. Sand drilled casing at 2908' using 1se crude and 1 lb. per gal followed by 150 gals LST NEA. Acidize with 150 gals LST NEA. Rev out 60 gals acid. Swab well. Place well on pump and prepare to test.

On 24 hour potential test well pumped 38 BO & 57 BW ending 7:00 a.m. May 11, 1962.

GOR - TSTM

Gravity - 29°

Top of Pay - 2908'

Btm of Pay - 2908'

USGS Date - April 5, 1962

TEXACO Inc. Date - May 11, 1962