

G. L. Erwin "a" Well No. 2

Spudded 17 $\frac{1}{2}$ " hole, 6:00 P. M. May 31, 1962. Ran 263' of 13 3/8" O. D. Casing, (27.06 lb, Spiral Weld), and cemented at 277' with 350 sx. neat, cement circulated. Plug at 239'. Job complete 3:20 P. M. June 1, 1962. Tested 13 3/8" O. D. Casing for 30 minutes before and after drilling plug with 600 PSI. Tested O. K. Job complete 8:00 P. M. June 2, 1962

Ran 3533' of 9 5/8" O. D. (32.30 lb, H-40, 8-R), casing and cemented at 3545'. DV tool at 2507'. Cement 1st stage with 400 sx El Toro 35, cement 2nd stage with 500 sx TLW and 100 sx El Toro 35. Top of cement by temperature survey, 2100'. Job complete 6:45 P.M. June 11, 1962. Tested before and after drilling plug for 30 minutes with 1600 PSI. Tested O.K. Job complete 10:30 P.M. June 12, 1962.

Ran electric logs, 6:30 P.M. June 27, 1962.

Ran String X (Blinebry) zone, 7145' of 2 7/8" O. D. Casing and cemented at 7435'.

Ran String Y (Drinkard) zone, 6141' of 2 7/8" O. D. Casing and cemented at 6151'.

Ran String Z (Siluro-Devonian) zone, 7421' of 2 7/8" O. D. Casing and cemented at 7431'.

Flushed down strings X and Y with 135 bbls. brine and 40 bbls fresh water preceding cement. Cement with 1200 Sx. El Toro 35 with 1% LWL, 4% Gel and 2% Cal. Top of cement by Temperature survey, 3900'. Job complete 1:50 P.M. June 29, 1962.

String X (Blinebry) zone, Perforate 2 7/8" casing from 5605' to 5618', 5627' to 5631' with 2 jet shots per foot. Acidize with 500 gals LST NEA. Frac with 10,000 gals refined oil with 10,000 lbs. sand.

On 9 Hour Potential Test well flowed 94 B0 and No water thru 21/64" choke, ending 5:30 P.M. July 8, 1962.

GOR - 846

Gravity - 37

Top of Pay - 5605'

Btm of Pay - 5631'

USGS Date - June 27, 1962

TEXACO Inc. Date - July 8, 1962

String Y (Drinkard) zone, Perforate 2 7/8" casing from 6025' to 6033', 6042' to 6046', 6061' to 6069', 6080' to 6086', 6099' to 6103' with 2 jet shots per ft. Acidize with 1000 gals LST NEA.

On 15 Hour Potential Test well flowed 91 B0 and 1 BW thru 16/64" choke ending 10:30 A.M. July 6, 1962.

GOR - 1484

Gravity - 37.5

Top of Pay - 6025'

Btm of Pay - 6103'

USGS Date - June 27, 1962.

TEXACO Inc. Date - July 6, 1962.

String Z (Siluro-Devonian) zone, Perforate 2 7/8" O. D. Casing from 7166' to 7170', 7180' to 7183', 7187' to 7200' with 2 jet shots per ft. Acidize with 1000 gals LST NEA. Re-Acidize with 5000 gals LST NEA. Perforate with 2 jet shots per ft. 7067' to 7171', 7081' to 7085', 7103' to 7113', 7118' to 7127'. Pumped 150 gals blocking material into perforations 7166' to 7200'. Acidize with 2500 gals LST NEA. Re-Acidize with 10,000 gals retarded acid with LWL and slicking additives.

On 12 Hour Potential Test well swabbed 33 B0 and No water ending 7:00 P. M. July 18, 1962.

GOR - TSTM

Gravity - 38

Top of Pay - 7067'

Btm of Pay - 7200'

USGS Date - June 27, 1962

TEXACO Inc. Date - July 18, 1962