

Cleaveland #2

RECEIVED

ELEVATION: 3376' K.B.

MAR 4 1960

COMPLETION DATA:

C. E. C.
ARTERIAL OFFICE

- 2-15-59 Perf. 2816-2826 4/ft Jets (Welex).
Went in hole with tubing and packer. Set pkr @ 2772, open end tubing @ 2806. Treated with 500 gal. MCA acid. Swab down. Very little water and good show of oil and gas. Kem-frac with 5000 gal. - 10,000# sand, swab test 18-20 bbls salt water per hour plus 5% oil. Squeeze perfs. 2816-2826 with 50 sacks.—
- 3-24-59 Perf. 2699-2709, 2728-2733, 2758-2762
Treat with 3000 gal. NE - swab 2 bbls. fluid per hour. 80% salt water, 20% new oil. Later 90% salt water & 10% oil.
- 3-30-59 Set Bridge Plug @ 2686.
Per. 2456-2472, 2540-2546, 2586-2590, 2618-2623, swab & test perfs. 2540-46, 2586-90, 2618-23. Swab dry making no fluid. Treated with 500 gals. MCA. Swab down, no shows. Set Bridge Plug @ 2500 and Pkr. @ 2446. Swab & test perf. 2465-2472. Treated perfs with 500 gals. MCA.
- 3-31-59 Treat perfs 2465-2472 with 500 gals. FE NE (acetic acid) flowed back 10 min. & died. Swabbed down to 200' fluid level. 80% spent acid water, 10% B.S., 10% oil, good gas.
- 4-1-59 Swabbing well - 10% - 40% oil. 600' fluid level.
- 4-2-59 Sandfrac perfs. 2465-72 with 12,000 gals. crude plus 20,000# 20-40 sand.
- 4-3-59 Flowed back 50 bbls. oil. Started swabbing. Recovered approx. 300 bbls oil from frac. job. Started swabbing black emulsion. Washed perfs with 24 bbls oil plus 10 gals. Nor-flow. Flushed with 37 bbls. Shut-in 1 hour. Swabbed down, very little results from wash job.
- 4-10-59 Came out of hole with bridge plug & found circulating parts open. Probably did not get frac job on perf. 2465-72. Went back in hole and found approx. 65 feet frac sand covering perfs. 2699-2709, 2728-2733, 2758-2762. Cleaned sand out of hole. Went back in hole w/ packer and set @ 2509'. Started swabbing perf. 2699-2709, 2728-33, 2758-62. Swabbed 24 hrs. still lack about 100 bbls oil having total back from frac job.
- 4-12-59 Came out of hole with tubing. Went back in with Halliburton retrieveable bridge plug and sweet packer. Set

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Cleveland #2

1950

ELEVATION: 3376' K.B.

COMPLETION DATA:

3-12-59 Perf. 2816-2826 4 1/2" Jetex (Welex).
Went in hole with tubing and packer. Set pkr @ 2775'
open and tubing @ 2806'. Treated with 500 gal. MCA
acid. Swap down. Very little water and good show of
oil and gas. Kem-frac with 5000 gal. - 10,000# sand,
swap test 12-20 bbls salt water per hour plus 2% oil.
squeeze perf. 2816-2826 with 20 sacks.

3-24-59 Perf. 2699-2709, 2728-2733, 2758-2762
Treat with 5000 gal. NE - swap 2 bbls. fluid per hour.
80% salt water, 20% new oil. Later 90% salt water &
10% oil.

3-30-59 Set Bridge plug @ 2686'.
Perf. 2426-2472, 2540-2546, 2586-2590, 2618-2623,
swap & test perf. 2540-46, 2586-90, 2618-23. Swap
dry making no fluid. Treated with 500 gals. MCA.
Swap down, no shows. Set Bridge plug @ 2500 and pkr.
@ 2446. Swap & test perf. 2462-2472. Treated perf.
with 500 gals. MCA.

3-31-59 Treat perf. 2462-2472 with 500 gals. FE NE (acetic
acid) flowed back 10 min. & died. Swapped down to
200' fluid level. 80% spent acid water, 10% R.S.,
10% oil, good gas.

4-1-59 Swapping well - 10% - 40% oil. 600' fluid level.

4-2-59 Sandfrac perf. 2462-72 with 12,000 gals. crude plus
20,000# 20-40 sand.

4-3-59 Flowed back 28 bbls. oil. Started swapping. Recovered
approx. 300 bbls oil from frac. job. Started swapping
black emulsion. Washed perf. with 24 bbls oil plus
10 gals. Mor-flow. Flushed with 37 bbls. Shut-in
1 hour. Swapped down, very little results from wash job.

4-10-59 Came out of hole with bridge plug & found circulating
parts open. Probably did not get frac job on perf.
2462-72. Went back in hole and found approx. 62 feet
frac sand covering perf. 2699-2709, 2728-2733, 2758-
2762. Cleaned sand out of hole. Went back in hole w/
packer and set @ 2599'. Started swapping perf. 2699-2709,
2728-33, 2758-62. Swapped 24 hrs. still lack about 100
bbls oil having total back from frac job.

4-12-59 Came out of hole with tubing. Went back in with Halli-