

E. P. CAMPBELL NO. 1 CLEVELAND

Perforated 6030-40 feet, 6050-56 feet, swabbed estimated 400 bbls fresh water in 24 hours. BB 5985 feet. Perforated 5100-10 feet, swabbed estimated 500 bbls fresh sulphur water in 8 hours. BB 4950 feet. Perforated 4875-90 feet. Treated w/500 gallons mud acid, swabbed dry. Treated w/5000 gallons regular acid, swabbed dry. BB 4850 feet. Perforated 4800-14 feet, swabbed 300 bbls fresh water. Squeezed perforis 5100-10 feet, 4875-90 feet. Swabbed 4800-14 feet communicated. Squeezed 5100-10 feet, had show of oil and water. Tested 4800-14 feet, swabbed dry with slight show gas. Still communicated 4800-14 feet and 4875-90 feet, squeezed 4875 feet with 200 sacks. Fair squeeze. Tested 4800-14 feet, swabbed down dry. Treated 4800-14 feet with 1000 gallons of 15% NE acid. Communicated. Squeezed 4800-14 feet, 4875-90 feet. Shut in 5 hours with 1200# pressure. Opened - well started flowing. Flowed 1 bbl oil every 4 minutes. Reversed fluid out - heavy show gas - swabbed dry. Resqueezed with 100 sacks. Drilled out. Resqueezed 4814-90 feet, treated 4913-19 feet, 4926-30 feet with emulsion breaker. Treated 4933-37 feet with 2000 gallons acid, swabbed slight oil and gas show. Swabbed down, did not return fluid. Treated with 18 bbls lease crude & 10,000 gallons 15% NE acid.

DRILL STEM TESTS:

DST #1 2570-2785'

Open 2 hours 15 minutes, tool opened with weak blow throughout test. No gas or fluid to surface. Recovered 90' oil, 360' sulphur water. IHP 1186 FHP 1187, SIP 353-480, FP 142-184#.

DST #2 2810-3010'

Open 3 hours, tool opened with good blow throughout test. Recovered 30' oil, 160' slightly oil & gas j cut drilling water, and 90' heavily oil & gas cut salty drilling water, HP 1278-1278, SIP 309-260, FP 151-186#.

DST #3 3620-3761'

Open 2 hours 1 minute, tool opened with fair blow throughout test. No gas or fluid to surface. Rev. out 10 bbls slightly salty sulphur water, recovered 60' slightly salty sulphur water, HP 1651-1651, SIP 1639-1492, FP 119-214#.

DST #4 4790-4950'

Open 3 hours 30 minutes, tool opened with fair blow air. Gas to surface in 2 hours. No fluid to surface. Recovered 75' free oil, 50' heavily oil & gas cut mud, HP 2237-2234#, SIP 461-398, FP 124-110.

DST #5 5533-5633'

Open 2 hours, tool open with strong blow decreasing throughout test. No gas or fluid to surface, rec. 4260' sulphur water, HP 2589, SIP 2397-2389, FP 107-1867.

DST #6 5882-5983'

Op 2 hours, opened with fair blow throughout. No gas to surface, rec. 65' gas cut mud, HP 2757-2752, SI 244-501, FP 103-66.

DST #7 5983-6058'

Open 2 hours, opened with fair blow air. Gas to surface in 75 minutes, rec. 2430' gas cut sulphur water, FP 130-1038, HP 2810-2799, SIP 2520-2484.

DST #8 5095-5240'

Op 1 hour, opened with good blow increasing to good. No gas to sur. rec. 2520' sul. water, HP 2353-2321, FP

Treated with 18 dips before curing & 10,000 gallons 1% KK acid.
solid, swabbed slight oil and gas show. Swabbed down, did not return fluid.
1971-30 feet with emulsion pressure. Treated 1933-37 feet with 2000 gallons
with 100 sacks. Unfilled zone. Recommended 1611-30 feet, treated 1611-30 feet,
every 1 minute. Reversed fluid out - heavy show gas - swabbed dry. Returned
bottom with 1200 pressure. Opened - well started flowing. Flowed 1 dip oil
1% KK acid. Communicated. Recommended 1600-15 feet, 1675-30 feet. Shut in 2
1600-15 feet, swabbed down dry. Treated 1600-15 feet with 1000 gallons of
fluid and 1675-30 feet, swabbed 1675 feet with 200 sacks. Air separator, "test"
1600-15 feet, swabbed dry with slight show gas. 1611 communicated 1600-15
communicated. Recommended 2100-10 feet, had show of oil and water. Tested.

12819-1725 1-710

Open 2 hours 12 minutes, last opened with weak blow throughout rest. No gas or fluid to surface. Recovered 37' oil, 300' sulphur water. THE END
THE 1187, 275 283-196, 275 118-196.

100-000000 100-000000

UP 101-1864.
voice grilling water, HP 1078-1876, 1079-1876,
out grilling water, and 90° heavily oil & gas cap
test. "recovered 30° oil," 101° oil, slightly oil & gas
Upstream 1 hour, pool covered with black glass chips.

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over 3 hours 30 minutes, tool opened with 1 inch blow
to surface in 2 inches. No fluid to surface.
observed 25' from oil, 30' heavily oil & gas out and
the 25-25' oil 25-25' oil 25-25' oil 25-25' oil 25-25' oil

The "salmon water" was 2509, air 2387-2389, at 10-16-5.

The amount used, no gas or fluid to surface, rec.

Open 2 hours, cool open with strong flow decreasing

any other. No one
to anyone, rec. 27, has cut mud, HP 2757-2758, at 2757-
HP 103-6.

Open 2 hours, opened with false blow air. Gas to surface in 75 minutes, rec. 2130'. Gas out surface water, 2135'. 11-10-68. Wt 2010-2135. Air 2520-2581.

OIL CONSERVATION COMMISSION

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On 1 hour, opened with good slow increasing