

DRILL STEM TESTS (Continued)

| <u>No.</u> | <u>Date</u> | <u>From</u> | <u>To</u> | <u>No., Kind &amp; Size<br/>or Open Hole</u> | <u>Tool<br/>Set @</u> | <u>Choke</u><br><u>Top Bottom</u> |    | <u>Water<br/>Cushion</u> | <u>Time<br/>Tested</u> |
|------------|-------------|-------------|-----------|----------------------------------------------|-----------------------|-----------------------------------|----|--------------------------|------------------------|
| 4          | 10-28-57    | 12190       | 12221     | Open Hole                                    | 12190                 | 5/8"                              | 1" | None                     | 2 hrs.                 |

(Devonian) Nothing to surface. Recovered 100' of heavy oil cut drlg. mud + 1 qt. free oil - no water. SFP 0# - bottom hole flowing pressure 0-35# - 30 mins. SIP 365# - Hydrostatic Head 6370-6335#.

ACIDIZING RECORD

11-10-57 Cardinal Chemical Company acidized open hole 12172-12231 w/1000 gals. 15% regular acid. TP 4500-5200-1800#. 44 BPM. 5 Min. SIP 1000# - flow 48 bbls. load oil + 24 bbls. acid water in 3 1/2 hrs. 32/64" choke (all load & acid). TP: 100#. Flow 59 bbls. new oil & no water in 3 hrs. on 20/64" choke. TP: 125#. S/O .2 of 1% AW, .2 of 1% BS.

11-11-2009 11:00 AM

[illegible]

*[The following information was obtained from a review of the files of the Department of Defense, Office of Inspector General, dated 10-17-68.]*

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