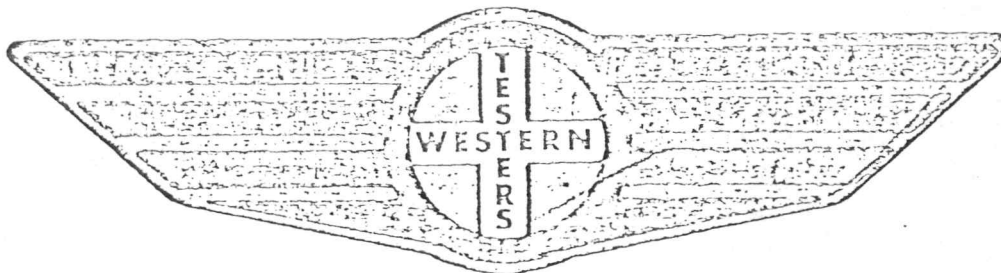


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 6/12/84  
 CUSTOMER: MALLONEE-WARREN LTD.  
 WELL: 1 TEST: 1  
 ELEVATION (KB): 1481 FORMATION: VIOLA  
 SECTION: 2 TOWNSHIP: 20S  
 RANGE: 4W COUNTY: MCPHERSON STATE: KANSAS  
 GAUGE SN #3659 RANGE: 4000 CLOCK: 12

INTERVAL TEST FROM: 3710 FT TO: 3725 FT TOTAL DEPTH: 3725 FT  
 DEPTH OF SELECTIVE ZONE: FT  
 PACKER DEPTH: 3705 FT SIZE: 6 5/8 IN PACKER DEPTH: 3710 FT SIZE: 6 5/8 IN  
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RED TIGER  
 MUD TYPE: STARCH VISCOSITY: 47  
 WEIGHT: 9.6 WATER LOSS (CC): 9.3  
 CHLORIDES (P.P.M.): 31000  
 JARS - MAKE: WTC SERIAL NUMBER: 499  
 DID WELL FLOW? NO REVERSED OUT? NO  
 DRILL COLLAR LENGTH: FT I.D.: IN  
 WEIGHT PIPE LENGTH: 620 FT I.D.: 2.7 IN  
 DRILL PIPE LENGTH: 3060 FT I.D.: 3.8 IN  
 TEST TOOL LENGTH: 30 FT TOOL SIZE: 4 1/2 IN  
 ANCHOR LENGTH: 15 FT SIZE: 5 1/2 IN  
 SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN  
 MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: STRONG BLOW - OFF BOTTOM OF BUCKET  
 IN 40 MINUTES - BOTH FLOW PERIODS.

RECOVERED: 500 FT OF: CLEAN GASSY OIL - NO WATER  
 RECOVERED: FT OF:  
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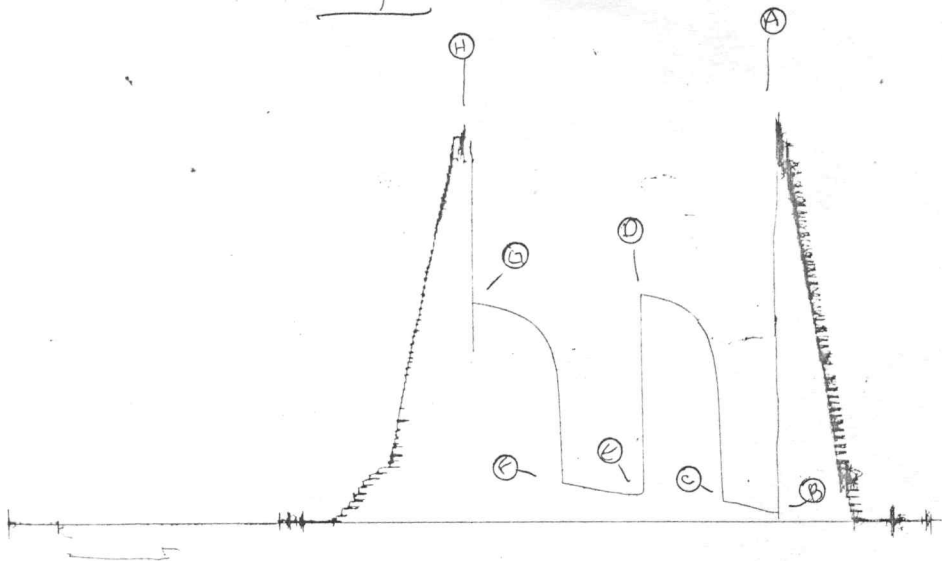
REMARKS:

TIME SET PACKER(S): 12:20 PM TIME STARTED OFF BOTTOM: 4:05 PM  
 WELL TEMPERATURE: 117 °F  
 INITIAL HYDROSTATIC PRESSURE: (A) 1860 PSI  
 INITIAL FLOW PERIOD MIN: 40 (B) 47 PSI TO (C) 105 PSI  
 INITIAL CLOSED IN PERIOD MIN: 60 (D) 1181 PSI  
 FINAL FLOW PERIOD MIN: 60 (E) 144 PSI TO (F) 204 PSI  
 FINAL CLOSED IN PERIOD MIN: 66 (G) 1138 PSI  
 FINAL HYDROSTATIC PRESSURE (H) 1860 PSI



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