

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 10/1/83  
CUSTOMER: ABERCROMBIE DRILLING INC.  
WELL: 1 TEST: 1  
ELEVATION (KB): 0 FORMATION: MISSISSIPPI  
SECTION: 10 TOWNSHIP: 33S  
RANGE: 6W COUNTY: HARPER STATE: KANSAS  
GAUGE SN #13547 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 4458 FT TO: 4474 FT TOTAL DEPTH: 4474 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 4453 FT SIZE: 6 5/8 IN PACKER DEPTH: 4458 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BRANDT  
MUD TYPE: PREMIXCHEM VISCOSITY: 43  
WEIGHT: 9.3 WATER LOSS (CC): 11.2  
CHLORIDES (P.P.M.): 12000  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 150 FT I.D.: 2 1/4 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 4287 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN  
ANCHOR LENGTH: 16 FT SIZE: 5 1/2 OD 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 FH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW  
INCREASED TO STRONG BLOW.  
FINAL FLOW PERIOD STRONG BLOW  
THROUGHOUT.

RECOVERED: 35 FT OF: SLIGHTLY OIL & GAS CUT MUD  
RECOVERED: 30 FT OF: MUDDY WATER- FEW SPECKS OF OIL  
RECOVERED: 120 FT OF: SALTWATER  
RECOVERED: FT OF:  
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REMARKS: CHLORIDES 67000 PPM

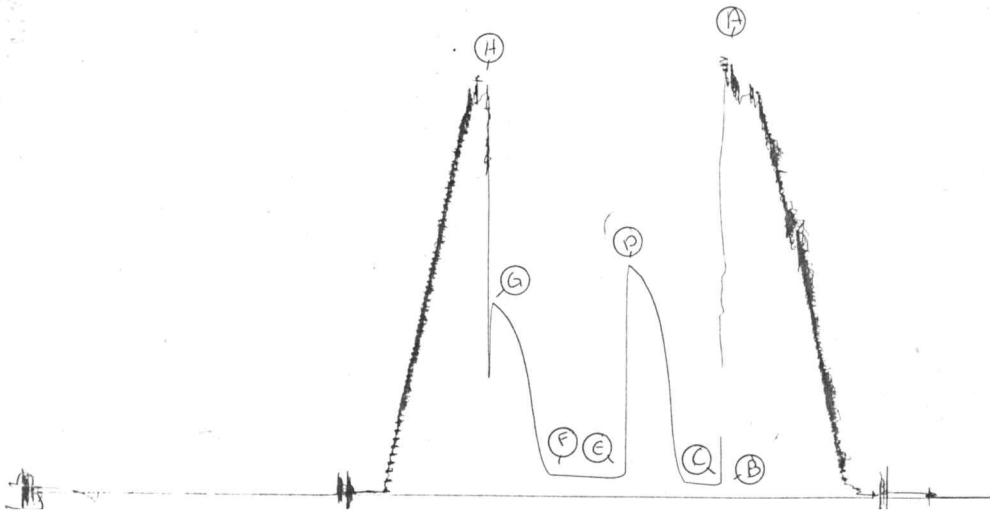
TIME SET PACKER(S): 6:40 AM TIME STARTED OFF BOTTOM: 9:40 AM  
WELL TEMPERATURE: 124 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 2265 PSI  
INITIAL FLOW PERIOD MIN: 25 (B) 66 PSI TO (C) 82 PSI  
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1274 PSI  
FINAL FLOW PERIOD MIN: 60 (E) 102 PSI TO (F) 117 PSI  
FINAL CLOSED IN PERIOD MIN: 45 (G) 1063 PSI  
FINAL HYDROSTATIC PRESSURE (H) 2242 PSI



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WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 10/2/83 TICKET #1780  
CUSTOMER: ABERCROMBIE DRILLING INC. LEASE: "B" CAROTHERS  
WELL: 1 TEST: 2 GEOLOGIST: S F  
ELEVATION (KB): 0 FORMATION: MISSISSIPPI  
SECTION: 10 TOWNSHIP: 33S  
RANGE: 6W COUNTY: HARPER STATE: KANSAS  
GAUGE SN #13547 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 4485 FT TO: 4510 FT TOTAL DEPTH: 4510 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 4480 FT SIZE: 6 5/8 IN PACKER DEPTH: 4485 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BRANDT  
MUD TYPE: PREM-CHEM VISCOSITY: 40  
WEIGHT: 9.4 WATER LOSS (CC): 12.0  
CHLORIDES (P.P.M.): 9000  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 210 FT I.D.: 2 1/4 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 4254 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN  
ANCHOR LENGTH: 25 FT SIZE: 5 1/2 OD 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 FH IN

BLOW: WEAK BLOW THROUGHOUT TEST.

RECOVERED: 120 FT OF: SLIGHTLY OIL CUT MUD  
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REMARKS:

TIME SET PACKER(S): 11:15 PM TIME STARTED OFF BOTTOM: 2:15 AM  
WELL TEMPERATURE: 124 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 2329 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 70 PSI TO (C) 54 PSI  
INITIAL CLOSED IN PERIOD MIN: 42 (D) 876 PSI  
FINAL FLOW PERIOD MIN: 60 (E) 74 PSI TO (F) 86 PSI  
FINAL CLOSED IN PERIOD MIN: 45 (G) 530 PSI  
FINAL HYDROSTATIC PRESSURE (H) 2310 PSI



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