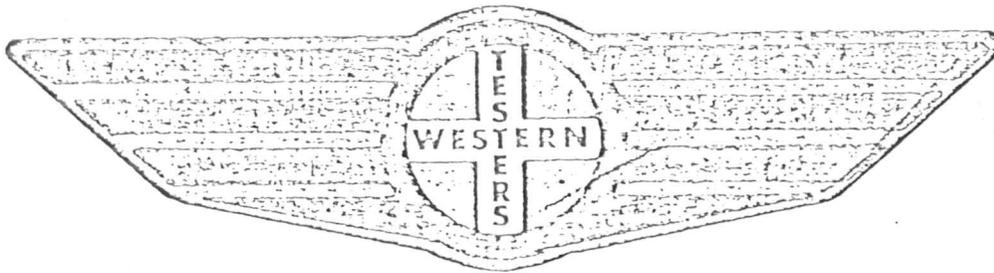


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company A P C, INC. Lease and Well No. #14 MOTT RANCH Sec. 35 Twp. 30S Rge. 12W Test No. 1 Date 6/20/8.

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 6/20/84 TICKET #4221  
CUSTOMER: A.P.C. LEASE: MOTT RANCH  
WELL: 14 TEST: 1 GEOLOGIST:  
ELEVATION (KB): 1623 FORMATION: DOUGLAS SANDSTONE #1  
SECTION: 35 TOWNSHIP: 30S  
RANGE: 12W COUNTY: BARBER STATE: KANSAS  
GAUGE SN #13221 RANGE: 4450 CLOCK: 12

INTERVAL TEST FROM: 3526 FT TO: 3575 FT TOTAL DEPTH: 3575 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 3521 FT SIZE: 6 3/4 IN PACKER DEPTH: 3526 FT SIZE: 6 3/4 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: HEARTLAND  
MUD TYPE: CHEMICAL VISCOSITY: 31  
WEIGHT: 9.3 WATER LOSS (CC): 56.0  
CHLORIDES (P.P.M.): 17000  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 456 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 3047 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 49 FT SIZE: 5 1/2 O.D. 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 X.H. IN

BLOW: STRONG WITH NO GAS TO SURFACE THROUGHOUT TEST.

RECOVERED: 90 FT OF: DRILLING MUD  
RECOVERED: 60 FT OF: WATERY MUD  
RECOVERED: 120 FT OF: MUDDY SALT WATER: 52000 PPM  
RECOVERED: 270 FT OF: SALT WATER  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
RECOVERED: FT OF:

REMARKS: CHLORIDES 88000 PPM  
PICKED TOOL UP TOO HIGH ON INITIAL SHUT-IN.

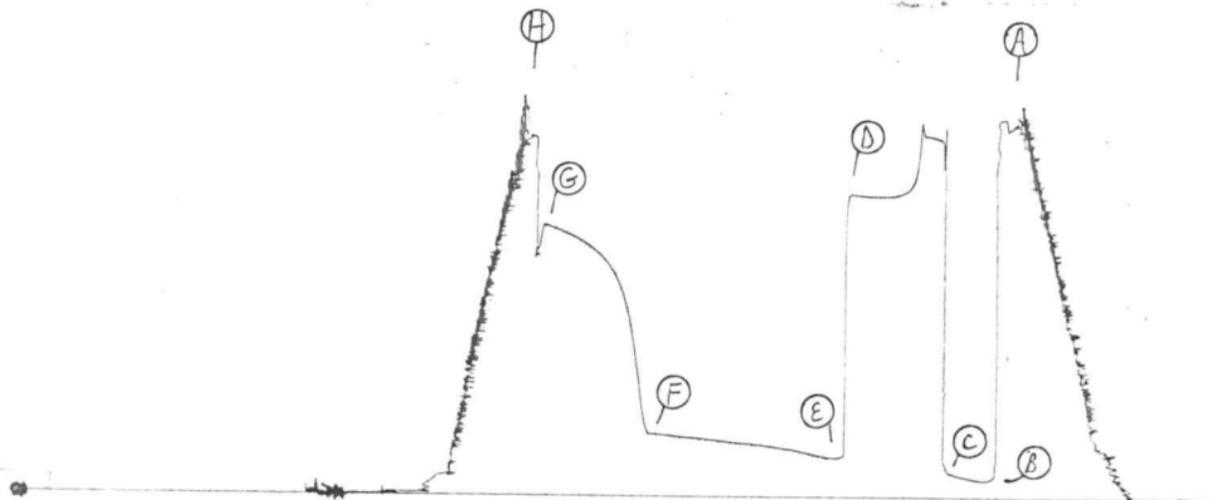
TIME SET PACKER(S): 2:58 A.M. TIME STARTED OFF BOTTOM: 7:18 A.M.  
WELL TEMPERATURE: 122 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 1650 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 80 PSI TO (C) 114 PSI  
INITIAL CLOSED IN PERIOD MIN: 57 (D) 1361 PSI  
FINAL FLOW PERIOD MIN: 115 (E) 179 PSI TO (F) 284 PSI  
FINAL CLOSED IN PERIOD MIN: 60 (G) 1215 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1606 PSI



13221

TKT # 4221

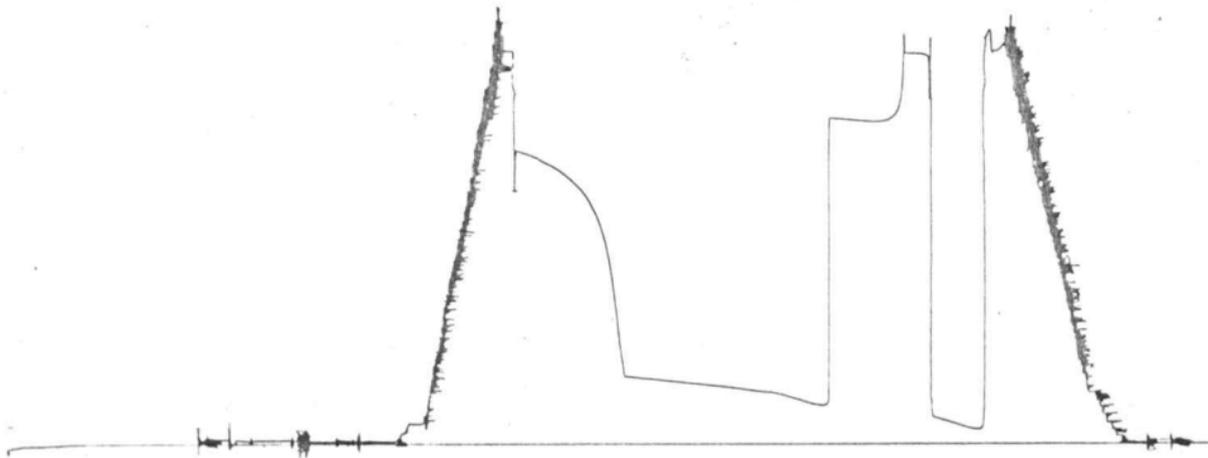
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TKT # 4221

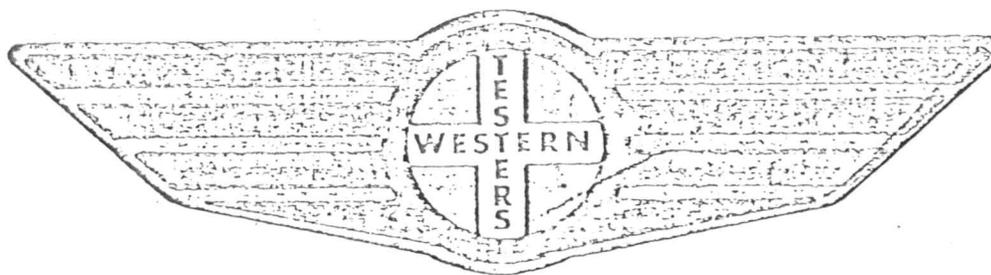
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# FORMATION

# TEST

# REPORT



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Wichita, Kansas 67201

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Company A P C, INC. Lease and Well No. #14 MOTT RANCH Sec. 35 Twp. 30S Rge. 12W Test No. 2 Date 6/20/84

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 6/20/84 TICKET #4222  
CUSTOMER: A.P.C. LEASE: MOTT RANCH  
WELL: 14 TEST: 2 GEOLOGIST:  
ELEVATION (KB): 1623 FORMATION: DOUGLAS #2 SANDSTONE  
SECTION: 35 TOWNSHIP: 30S  
RANGE: 12W COUNTY: BARBER STATE: KANSAS  
GAUGE SN #13221 RANGE: 4450 CLOCK: 12

INTERVAL TEST FROM: 3639 FT TO: 3650 FT TOTAL DEPTH: 3650 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 3634 FT SIZE: 6 3/4 IN PACKER DEPTH: 3639 FT SIZE: 6 3/4 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: HEARTLAND  
MUD TYPE: CHEMICAL VISCOSITY: 31  
WEIGHT: 9.3 WATER LOSS (CC): 56.0  
CHLORIDES (P.P.M.): 17000  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 456 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 3160 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 11 FT SIZE: 5 1/2 O.D. 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 X.H. IN

BLOW: VERY STRONG WITH GAS TO SURFACE IN 12 MINUTES  
IN INITIAL FLOW PERIOD.

RECOVERED: 420 FT OF: SALT WATER  
RECOVERED: FT OF: CHLORIDES 86000 PPM  
RECOVERED: FT OF:  
RECOVERED: FT OF:

REMARKS: SLIGHT PLUGGING ACTION ON FLOWS.

TIME SET PACKER(S): 7:00 P.M. TIME STARTED OFF BOTTOM: 11:00 P.M.  
WELL TEMPERATURE: 121 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 1694 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 84 PSI TO (C) 173 PSI  
INITIAL CLOSED IN PERIOD MIN: 57 (D) 1281 PSI  
FINAL FLOW PERIOD MIN: 60 (E) 230 PSI TO (F) 281 PSI  
FINAL CLOSED IN PERIOD MIN: 90 (G) 1277 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1694 PSI



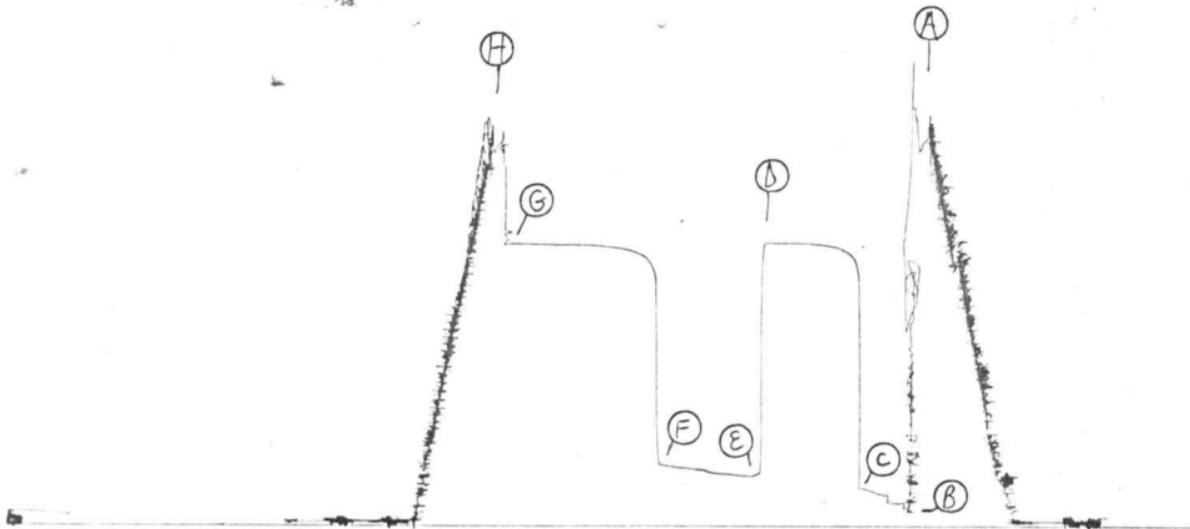




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TKT # 4222

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TKT # 4222

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