

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/20/84
CUSTOMER: PATE-DOUMBAUGH & MARTIN EXPL.
WELL: 1 TEST: 1
ELEVATION (KB): 1393 FORMATION: SIMPSON
SECTION: 4 TOWNSHIP: 28S
RANGE: 2E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #5666 RANGE: 3950 CLOCK: 12

INTERVAL TEST FROM: 3295 FT TO: 3310 FT TOTAL DEPTH: 3310 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3290 FT SIZE: 6 3/4 IN PAKER DEPTH: 3295 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: KAW DRLG
MUD TYPE: CHEMICAL VISCOSITY: 41
WEIGHT: 9.9 WATER LOSS (CC): 9.6
CHLORIDES (P.P.M.): 1700
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? YES
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 304 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 2971 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 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 THROUGHOUT TEST.

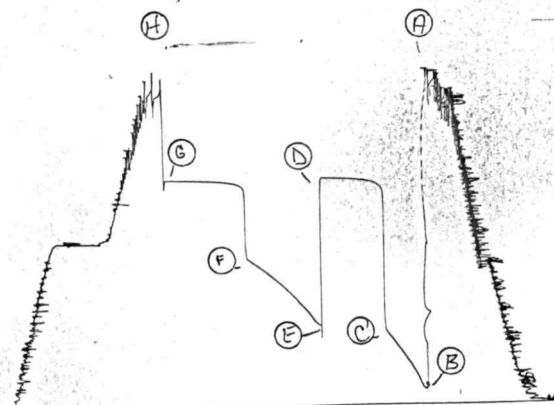
RECOVERED: 1750 FT OF: SALT WATER. CHLORIDES 32000 PPM.
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REMARKS:

TIME SET PACKER(S): 11:45 PM TIME STARTED OFF BOTTOM: 3:00 AM
WELL TEMPERATURE: 120 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1658 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 74 PSI TO (C) 388 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1185 PSI
FINAL FLOW PERIOD MIN: 55 (E) 416 PSI TO (F) 765 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1174 PSI
FINAL HYDROSTATIC PRESSURE (H) 1640 PSI

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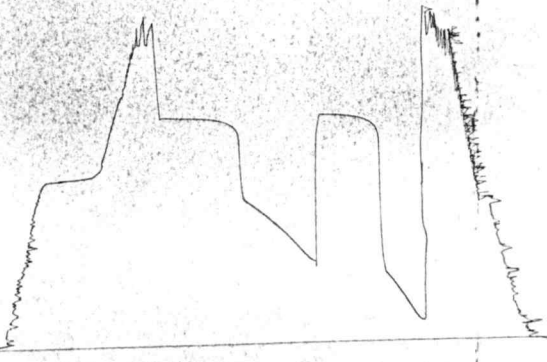


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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/24/84
CUSTOMER: PREMIER PETROLEUM INC.
WELL: 3 TEST: 1
ELEVATION (KB): 0 FORMATION:
SECTION: 1 TOWNSHIP: 28S
RANGE: 2E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #5666 RANGE: 3950 CLOCK: 12

INTERVAL TEST FROM: 3104 FT TO: 3135 FT TOTAL DEPTH: 3135 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3104 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS DRLG
MUD TYPE: CHEMICAL VISCOSITY: 40
WEIGHT: 9.5 WATER LOSS (CC): 15.2
CHLORIDES (P.P.M.): 1700
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 243 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2841 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 31 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: WEAK BLOW TO A FAIR BLOW THROUGHOUT TEST.

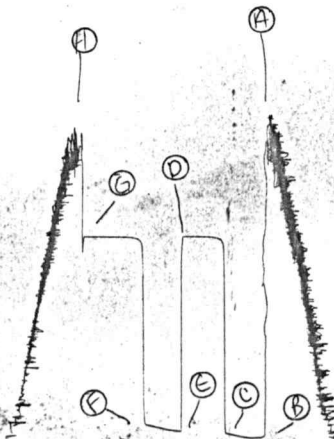
RECOVERED: 185 FT OF: MUDDY WATER. CHLORIDES 14000 PPM.
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REMARKS: TIGHT HOLE

TIME SET PACKER(S): 3:00 PM TIME STARTED OFF BOTTOM: 5:15 PM
WELL TEMPERATURE: 116 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1596 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 50 PSI TO (C) 71 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 1097 PSI
FINAL FLOW PERIOD MIN: 30 (E) 87 PSI TO (F) 122 PSI
FINAL CLOSED IN PERIOD MIN: 45 (G) 1100 PSI
FINAL HYDROSTATIC PRESSURE (H) 1576 PSI

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