

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6/16/83 TICKET #18850
CUSTOMER: PAN WESTERN PETROLEUM INC. LEASE: "A" ALLEN
WELL: 3 TEST: 1 GEOLOGIST: TOBY ELSTER
ELEVATION (KB): 1336 FORMATION: DOUGLAS SAND
SECTION: 13 TOWNSHIP: 34S
RANGE: 6E COUNTY: COWLEY STATE: KANSAS
WELL SN #13265 RANGE: 3975 CLOCK: 12

INTERVAL TEST FROM: 1419 FT TO: 1428 FT TOTAL DEPTH: 1428 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 1414 FT SIZE: 6 3/4 IN PACKER DEPTH: 1419 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BLUE STREAK
FLUID TYPE: CHEMICAL VISCOSITY: 35
FLOW RATE: 9.4 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 1600
MATERIALS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 336 FT I.D.: 2 1/4 IN
DRILL PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 1086 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 25 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 9 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 FH IN

FLOW: WEAK BLOW THROUGHOUT TEST.

RECOVERED: 350 FT OF: SALTWATER CHLORIDES 77000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
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RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 11:00 AM TIME STARTED OFF BOTTOM: 3:00 PM
WELL TEMPERATURE: 90 °F
INITIAL HYDROSTATIC PRESSURE: (A) 702 PSI
INITIAL FLOW PERIOD MIN: 60 (B) 36 PSI TO (C) 87 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 383 PSI
INITIAL FLOW PERIOD MIN: 60 (E) 113 PSI TO (F) 133 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (G) 381 PSI
INITIAL HYDROSTATIC PRESSURE (H) 683 PSI

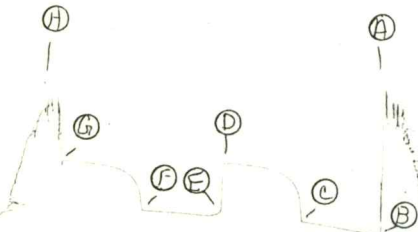
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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6/18/83
CUSTOMER: PAN WESTERN PETROLEUM INC.
WELL: 3 TEST: 2
ELEVATION (KB): 1336 FORMATION: UPPER LAYTON
SECTION: 13 TOWNSHIP: 34S
RANGE: 6E COUNTY: COWLEY STATE: KANSAS
GAUGE SN #13265 RANGE: 3975 CLOCK: 12

INTERVAL TEST FROM: 2080 FT TO: 2100 FT TOTAL DEPTH: 2100 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2075 FT SIZE: 6 3/4 IN PAKER DEPTH: 2080 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BLUE STREAK
MUD TYPE: CHEMICAL VISCOSITY: 35
WEIGHT: 9.4 WATER LOSS (CC): 12.0
CHLORIDES (P.P.M.): 1400
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 90 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 1989 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 25 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 20 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 FH IN

BLOW: FAIRLY STRONG 9 INCH BLOW THROUGHOUT TEST.

RECOVERED: 845 FT OF: SALTWATER CHLORIDES 100000 PPM
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RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 12:45 AM TIME STARTED OFF BOTTOM: 4:45 AM
WELL TEMPERATURE: 104 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1046 PSI
INITIAL FLOW PERIOD MIN: 60 (B) 71 PSI TO (C) 234 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 740 PSI
FINAL FLOW PERIOD MIN: 60 (E) 280 PSI TO (F) 385 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 738 PSI
FINAL HYDROSTATIC PRESSURE (H) 1020 PSI

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