

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/19/83
 CUSTOMER: RAINS & WMSON OIL CO. INC.
 WELL: 1 TEST: 2
 ELEVATION (KB): 1829 FORMATION: LANSING
 SECTION: 5 TOWNSHIP: 12S
 RANGE: 14W COUNTY: RUSSELL STATE: KANSAS
 GAUGE SN #3659 RANGE: 4000 CLOCK: 12

TICKET #1412
 LEASE: W & S BAR S RANCH
 GEOLOGIST: HUNS?

INTERVAL TEST FROM: 3182 FT TO: 3256 FT TOTAL DEPTH: 3256 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 3177 FT SIZE: 6 5/8 IN PACKER DEPTH: 3182 FT SIZE: 6 5/8 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

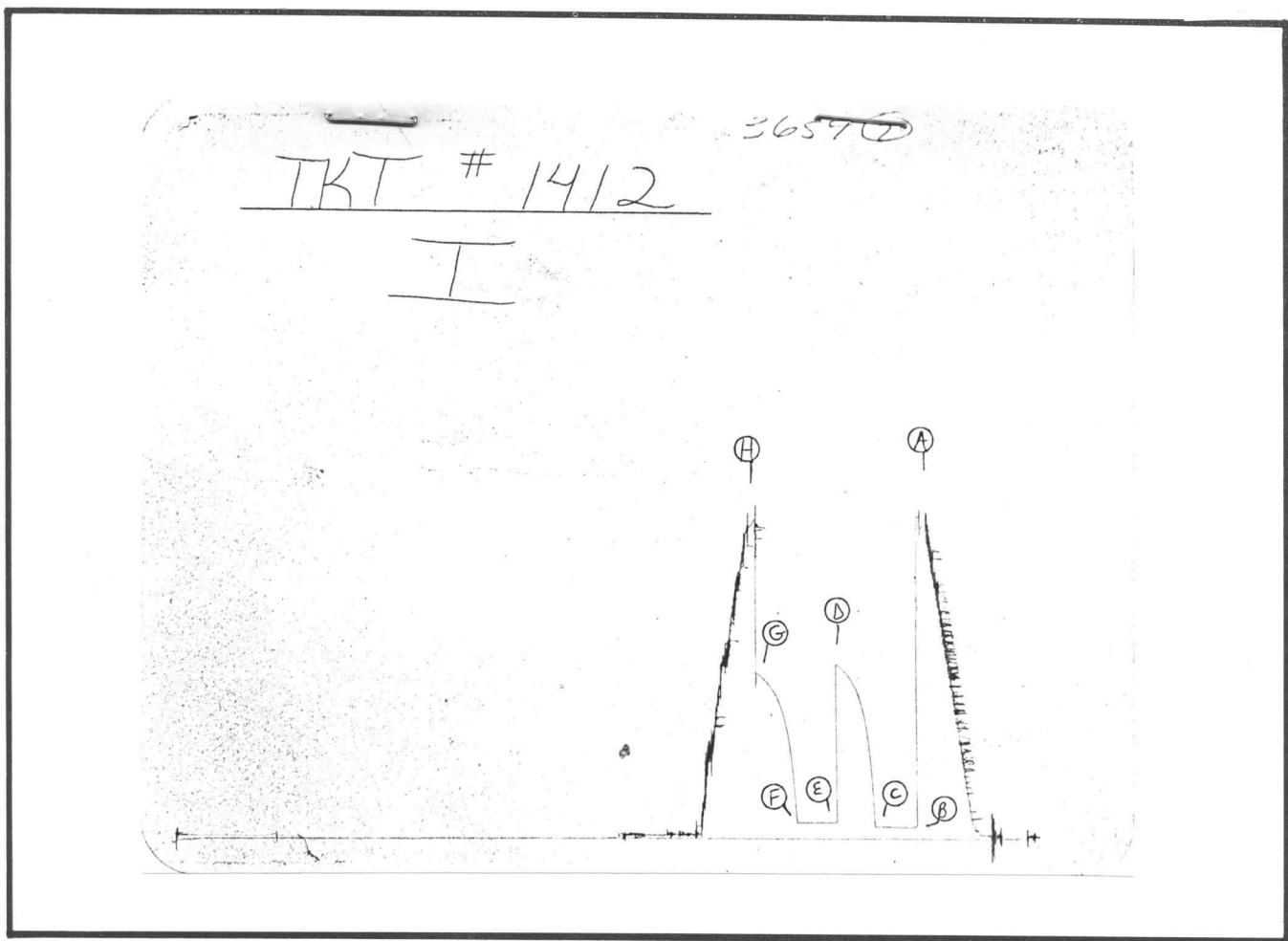
DRILLING CONTRACTOR: RAINS & WMSON
 MUD TYPE: STARCH VISCOSITY: 40
 WEIGHT: 9.8 WATER LOSS (CC): 13.4
 CHLORIDES (P.P.M.): 62000
 JARS - MAKE: NO SERIAL NUMBER:
 DID WELL FLOW? NO REVERSED OUT? NO
 DRILL COLLAR LENGTH: 120 FT I.D.: 2.2 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 3041 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 1/2 IN
 ANCHOR LENGTH: 74 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: INITIAL FLOW PERIOD WEAK BLOW -
 DIED IN 8 MINUTES.
 FINAL FLOW PERIOD NO BLOW.

RECOVERED: 60 FT OF: MUD
 RECOVERED: FT OF:
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REMARKS:

TIME SET PACKER(S): 11:05 PM TIME STARTED OFF BOTTOM: 1:05 PM
 WELL TEMPERATURE: 108 °F
 INITIAL HYDROSTATIC PRESSURE: (A) 1670 PSI
 INITIAL FLOW PERIOD MIN: 30 (B) 63 PSI TO (C) 67 PSI
 INITIAL CLOSED IN PERIOD MIN: 30 (D) 941 PSI
 FINAL FLOW PERIOD MIN: 30 (E) 88 PSI TO (F) 88 PSI
 FINAL CLOSED IN PERIOD MIN: 33 (G) 897 PSI
 FINAL HYDROSTATIC PRESSURE (H) 1670 PSI



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1743	1670	PSI
(B) First Initial Flow Pressure	71	63	PSI
(C) First Final Flow Pressure	71	67	PSI
(D) Initial Closed-in Pressure	938	941	PSI
(E) Second Initial Flow Pressure	91	88	PSI
(F) Second Final Flow Pressure	91	88	PSI
(G) Final Closed-in Pressure	888	897	PSI
(H) Final Hydrostatic Mud	1703	1670	PSI