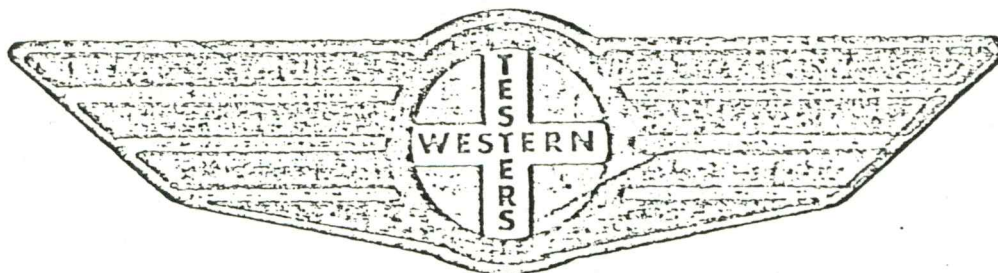


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9/29/84
CUSTOMER: A.P.C. INC.
WELL: 4-11
ELEVATION (KB): 1638
SECTION: 11
RANGE: 15W
GAUGE SN #13551

TEST: 1

FORMATION: MISSISSIPPI
TOWNSHIP: 35S

COUNTY: BARBER
RANGE: 4150

TICKET #5722
LEASE: Z BAR RANCH
GEOLOGIST: HARGIS
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4950 FT TO: 5070 FT TOTAL DEPTH: 5070 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4945 FT SIZE: 6 3/4 IN PACKER DEPTH: 4950 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: HEARTLAND

MUD TYPE: POLYPAC VISCOSITY: 46
WEIGHT: 9.2 WATER LOSS (CC): 16.0

CHLORIDES (P.P.M.): 6000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT?

DRILL COLLAR LENGTH: 365 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4563 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 22 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 120 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 XH IN

BLOW: INITIAL FLOW PERIOD; WEAK BUILDING TO GOOD. NO
GAS TO SURFACE. FINAL FLOW PERIOD; FAIR BUILDING
TO GOOD; NO GAS TO SURFACE.

RECOVERED: 120	FT	OF: DRILLING MUD; UNCUT
RECOVERED: 60	FT	OF: DRILLING MUD; WITH SLIGHT OIL SCUM.
RECOVERED: 60	FT	OF: OIL CUT MUD; 5% GAS; 10% OIL; 85% MUD
RECOVERED: 60	FT	OF: GAS CUT MUD; 5% GAS; 15% OIL; 80% MUD
RECOVERED: 120	FT	OF: GAS CUT MUD; 20% OIL; 80% MUD
RECOVERED: 30	FT	OF: OIL & GAS CUT MUD; 40% GAS; 20% OIL; 40% MUD
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: PLUGGING ACTION IN FINAL FLOW PERIOD. READ
OUTSIDE CHART.

TIME SET PACKER(S): 5:24 P.M.

TIME STARTED OFF BOTTOM: 9:54 P.M.

WELL TEMPERATURE: 129 °F

INITIAL HYDROSTATIC PRESSURE:

(A) 2487 PSI

INITIAL FLOW PERIOD

MIN: 25

(B) 158

PSI TO (C) 225 PSI

INITIAL CLOSED IN PERIOD

MIN: 66

(D) 450

PSI

FINAL FLOW PERIOD

MIN: 85

(E) 257

PSI TO (F) 303 PSI

FINAL CLOSED IN PERIOD

MIN: 96

(G) 473

PSI

FINAL HYDROSTATIC PRESSURE

(H) 2468

PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 9/29/84
CUSTOMER: A.P.C. INC.
WELL: 4-11
ELEVATION (KB): 1638
SECTION: 11
RANGE: 15W
GAUGE SN #13551

TEST: 1

FORMATION: MISSISSIPPI
TOWNSHIP: 35S

COUNTY: BARBER
RANGE: 4150

TICKET #5722
LEASE: Z BAR RANCH
GEOLOGIST: HARGIS
MISSISSIPPI
355
STATE: KANSAS
CLOCK: 12

(A)	INITIAL HYDROSTATIC PRESSURE:	2487	PSI
(B)	FIRST INITIAL FLOW PRESSURE:	158	PSI
(C)	FIRST FINAL FLOW PRESSURE:	225	PSI
(D)	INITIAL CLOSED-IN PRESSURE:	450	PSI
(E)	SECOND INITIAL FLOW PRESSURE:	257	PSI
(F)	SECOND FINAL FLOW PRESSURE:	303	PSI
(G)	FINAL CLOSED-IN PRESSURE:	473	PSI
(H)	FINAL HYDROSTATIC PRESSURE:	2468	PSI
WELL TEMPERATURE:		129	'F
OPEN TOOL: 5:24 P.M.			

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	66 MIN
SECOND FLOW PRESSURE:	90 MIN	85 MIN
FINAL CLOSED-IN PRESSURE:	90 MIN	96 MIN

PRESSURE BREAKDOWN

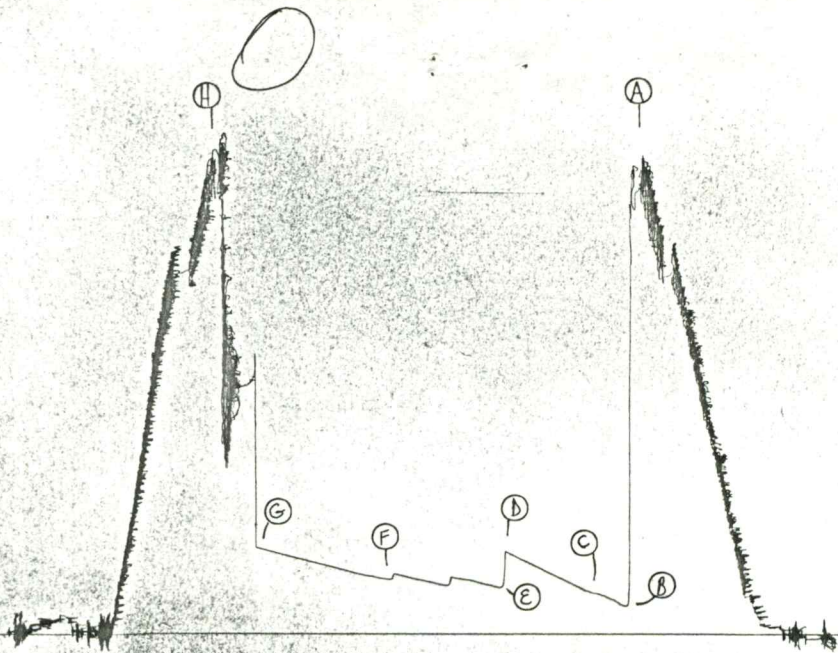
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TKT # 5722

#13551



TKT # 5722

#13221

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