

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6/26/84
CUSTOMER: MOLZ OIL COMPANY
WELL: 1 TEST: 1
ELEVATION (KB): 1642 FORMATION: HEEBNER
SECTION: 11 TOWNSHIP: 34S
RANGE: 13W COUNTY: BARBER STATE: KANSAS
GAUGE SN #13266 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3947 FT TO: 3965 FT TOTAL DEPTH: 3965 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3947 FT SIZE: 6 3/4 IN PACKER DEPTH: 3938 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN DRLG
MUD TYPE: GEL VISCOSITY: 47
WEIGHT: 9.3 WATER LOSS (CC):
CHLORIDES (P.P.M.):
JARS - MAKE: WTC SERIAL NUMBER: 408
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 270 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3644 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 33 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 18 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: WEAK BLOW FOR 10 MINUTES.

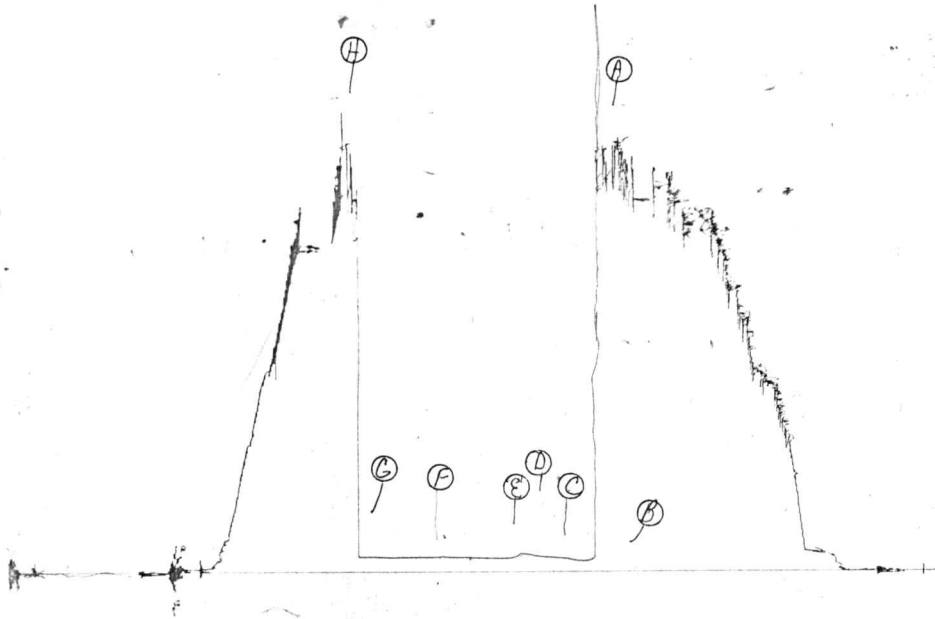
RECOVERED: 10 FT OF: DRILLING MUD WITH VERY SLIGHT SHOW OF OIL.
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REMARKS: OPERATOR REQUESTED 9 FEET SPACING BETWEEN PACKERS.

TIME SET PACKER(S): 9:20 AM TIME STARTED OFF BOTTOM: 12:10 PM
WELL TEMPERATURE: 115 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2025 PSI
INITIAL FLOW PERIOD MIN: 20 (B) 56 PSI TO (C) 69 PSI
INITIAL CLOSED IN PERIOD MIN: 33 (D) 97 PSI
FINAL FLOW PERIOD MIN: 60 (E) 69 PSI TO (F) 75 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 79 PSI
FINAL HYDROSTATIC PRESSURE (H) 1998 PSI

TKT #5554

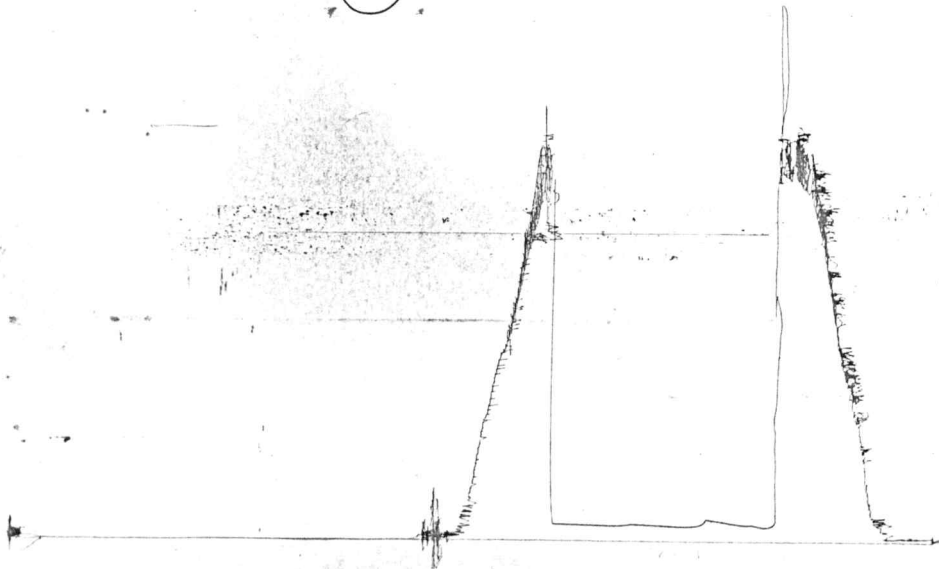
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TKT # 5554

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6/28/84
CUSTOMER: MOLZ OIL COMPANY
WELL: 1 TEST: 2
ELEVATION (KB): 1642 FORMATION: HERTHA
SECTION: 11 TOWNSHIP: 34S
RANGE: 13W COUNTY: BARBER STATE: KANSAS
GAUGE SN #13268 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 4587 FT TO: 4605 FT TOTAL DEPTH: 4605 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4587 FT SIZE: 6 3/4 IN PACKER DEPTH: 4582 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN DRLO
MUD TYPE: STARCH VISCOSITY: 55
WEIGHT: 9.1 WATER LOSS (CC): 8.4
CHLORIDES (P.P.M.):
JARS - MAKE: WTC SERIAL NUMBER: 408
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 270 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4289 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 18 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: STRONG BLOW DIMINISHING TO FAIR
BLOW AT THE END OF THE TEST.

RECOVERED: 260 FT OF: SALT WATER. TOP 80' SLIGHTLY MUDDY.
RECOVERED: FT OF: .08 RESISTIVITY AT 80 DEGREES.
RECOVERED: FT OF: CHLORIDES 135000 PPM.
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REMARKS: READ OUTSIDE CHART.

TIME SET PACKER(S): 5:15 AM TIME STARTED OFF BOTTOM: 9:00 AM
WELL TEMPERATURE: 123 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2379 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 105 PSI TO (C) 126 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1099 PSI
FINAL FLOW PERIOD MIN: 60 (E) 145 PSI TO (F) 172 PSI
FINAL CLOSED IN PERIOD MIN: 84 (G) 1069 PSI
FINAL HYDROSTATIC PRESSURE (H) 2369 PSI

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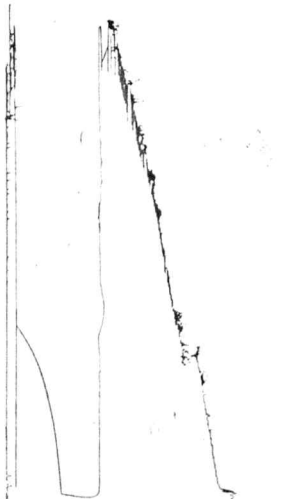
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WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/1/84
CUSTOMER: MOLZ OIL COMPANY
WELL: 1 TEST: 3
ELEVATION (KB): 0 FORMATION: KANSAS CITY
SECTION: 11 TOWNSHIP: 34S
RANGE: 13W COUNTY: BARBER STATE: KANSAS
GAUGE SN #13402 RANGE: 4025 CLOCK: 12

INTERVAL TEST FROM: 4526 FT TO: 4549 FT TOTAL DEPTH: 5250 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4521 FT SIZE: 6 3/4 IN PACKER DEPTH: 4526 FT SIZE: 6 3/4 IN
PACKER DEPTH: 4549 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN
MUD TYPE: STARCH VISCOSITY: 51
WEIGHT: 9.5 WATER LOSS (CC): 12.2
CHLORIDES (P.P.M.):
JARS - MAKE: W.T.C. SERIAL NUMBER: 406
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 210 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4487 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 23 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: INITIAL FLOW PERIOD; WEAK SLOWLY BUILDING TO FAIR
FINAL FLOW PERIOD; FAIR THROUGHOUT.

RECOVERED: 90 FT OF: WATERY MUD
RECOVERED: 240 FT OF: WATER
RECOVERED: FT OF: CHLORIDES 65000 PPM
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REMARKS:

TIME SET PACKER(S): 8:05 P.M. TIME STARTED OFF BOTTOM: 11:50 P.M.
WELL TEMPERATURE: 120 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2434 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 72 PSI TO (C) 137 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1709 PSI
FINAL FLOW PERIOD MIN: 60 (E) 156 PSI TO (F) 190 PSI
FINAL CLOSED IN PERIOD MIN: 90 (G) 1713 PSI
FINAL HYDROSTATIC PRESSURE (H) 2434 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 7/1/84	TICKET #5590
CUSTOMER: MOLZ OIL COMPANY	LEASE: "E" DONOVAN
WELL: 1	TEST: 3
ELEVATION (KB): 0	FORMATION: KANSAS CITY
SECTION: 11	TOWNSHIP: 34S
RANGE: 13W	COUNTY: BARBER
GAUGE SN #13402	STATE: KANSAS
	CLOCK: 12

(A)	INITIAL HYDROSTATIC PRESSURE:	2434	PSI
(B)	FIRST INITIAL FLOW PRESSURE:	72	PSI
(C)	FIRST FINAL FLOW PRESSURE:	137	PSI
(D)	INITIAL CLOSED-IN PRESSURE:	1709	PSI
(E)	SECOND INITIAL FLOW PRESSURE:	156	PSI
(F)	SECOND FINAL FLOW PRESSURE:	190	PSI
(G)	FINAL CLOSED-IN PRESSURE:	1713	PSI
(H)	FINAL HYDROSTATIC PRESSURE:	2434	PSI
WELL TEMPERATURE:		120	'F
OPEN TOOL: 8:05 P.M.			

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	45 MIN	45 MIN
SECOND FLOW PRESSURE:	60 MIN	60 MIN
FINAL CLOSED-IN PRESSURE:	90 MIN	90 MIN

PRESSURE BREAKDOWN

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PRESSURE BREAKDOWN - CONT. TICKET #5590

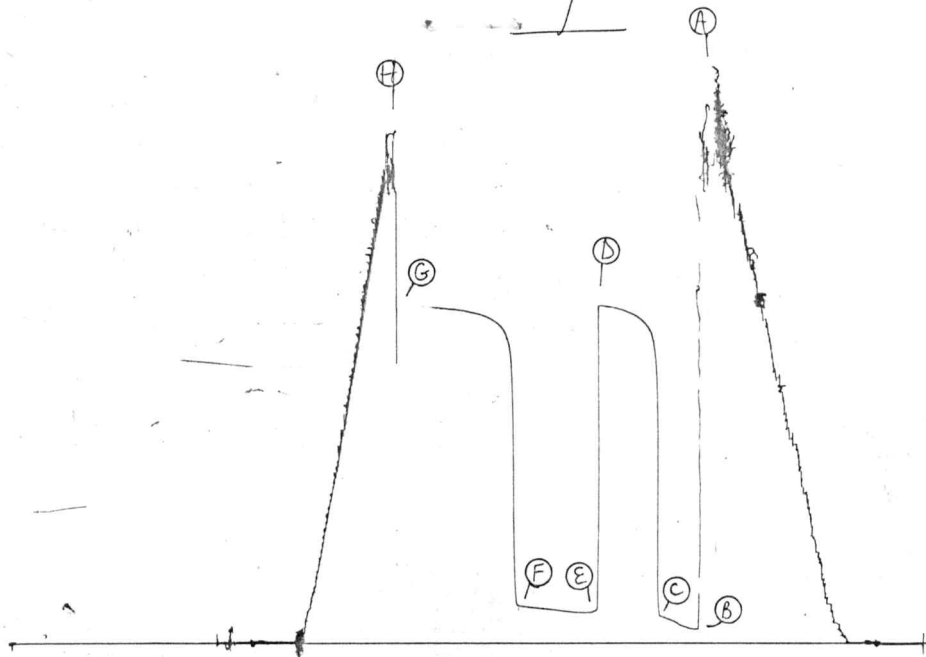
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
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DST #3.

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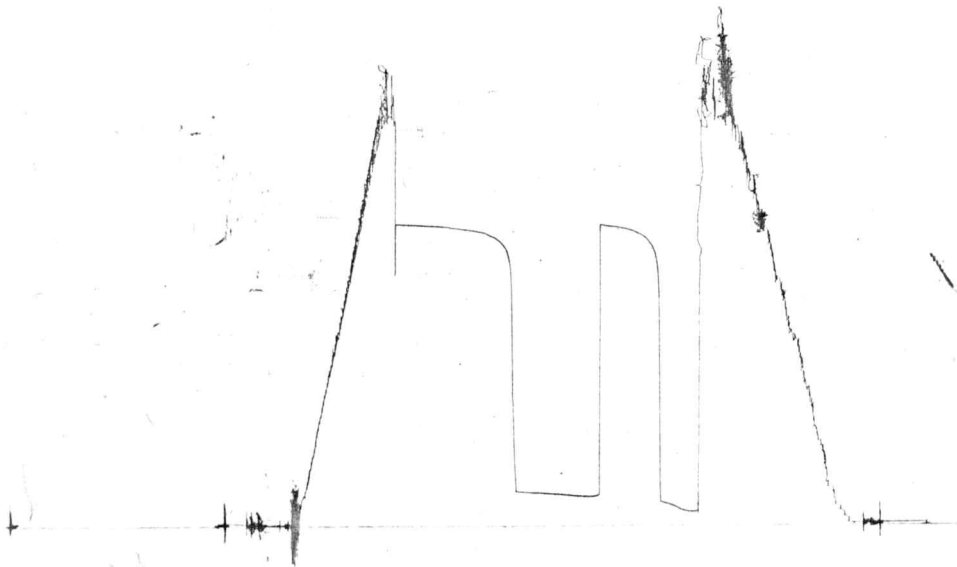
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