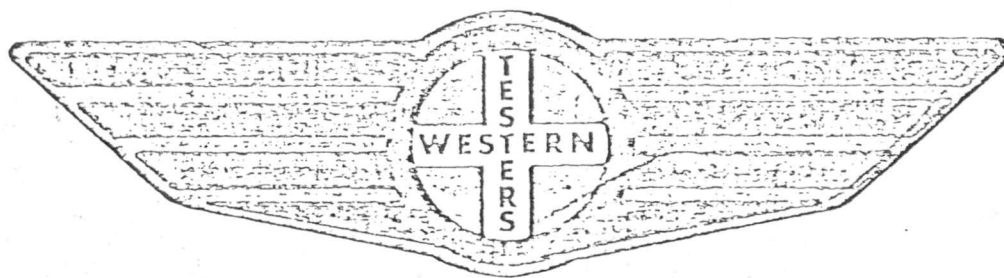


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/27/84
CUSTOMER: MOLZ OIL COMPANY
WELL: 1 TEST: 1
ELEVATION (KB): 1490 FORMATION: ELGIN
SECTION: 4 TOWNSHIP: 32S
RANGE: 12W COUNTY: BARBER STATE: KANSAS
GAUGE SN #13221 RANGE: 4450 CLOCK: 12

INTERVAL TEST FROM: 3406 FT TO: 3415 FT TOTAL DEPTH: 3415 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3401 FT SIZE: 6 3/4 IN PACKER DEPTH: 3406 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN
MUD TYPE: STARCH VISCOSITY: 43
WEIGHT: 9.2 WATER LOSS (CC): 6.4
CHLORIDES (P.P.M.): 22000
JARS - MAKE: W.T.C. SERIAL NUMBER: 411
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: 3107 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 9 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 TO FAIR WITH FAIR BUT
STEADY BUILD TO 6 INCH BLOW. NO GAS TO SURFACE.
FINAL FLOW PERIOD; WEAK BLOW WITH SLOW WEAK BUILD
NO GAS TO SURFACE.

RECOVERED: 15 FT OF: SLIGHT GAS CUT MUD WITH SLIGHT OIL SPOTTING;
RECOVERED: FT OF: 40% GAS; 60% MUD; LESS THAN 1/2% OIL
RECOVERED: FT OF:
RECOVERED: 240 FT OF: SALT WATER
RECOVERED: FT OF: CHLORIDES 132000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 9:50 A.M. TIME STARTED OFF BOTTOM: 1:35 P.M.
WELL TEMPERATURE: 116 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1920 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 66 PSI TO (C) 86 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 854 PSI
FINAL FLOW PERIOD MIN: 60 (E) 121 PSI TO (F) 161 PSI
FINAL CLOSED IN PERIOD MIN: 90 (G) 854 PSI
FINAL HYDROSTATIC PRESSURE (H) 1887 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 8/27/84
CUSTOMER: MOLZ OIL COMPANY
WELL: 1 TEST: 1
ELEVATION (KB): 1490 FORMATION: ELGIN
SECTION: 4 TOWNSHIP: 32S
RANGE: 12W COUNTY: BARBER STATE: KANSAS
GAUGE SN #13221 RANGE: 4450 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 1920 PSI
(B) FIRST INITIAL FLOW PRESSURE: 66 PSI
(C) FIRST FINAL FLOW PRESSURE: 86 PSI
(D) INITIAL CLOSED-IN PRESSURE: 854 PSI
(E) SECOND INITIAL FLOW PRESSURE: 121 PSI
(F) SECOND FINAL FLOW PRESSURE: 161 PSI
(G) FINAL CLOSED-IN PRESSURE: 854 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1887 PSI
WELL TEMPERATURE: 116 °F
OPEN TOOL: 9:50 A.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

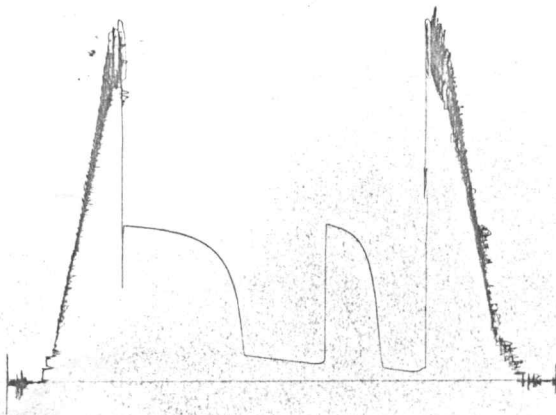
PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	66	0	86	0	121	0	161
2	5	66	3	181	5	121	3	301
3	10	66	6	356	10	123	6	445
4	15	68	9	518	15	125	9	535
5	20	72	12	624	20	127	12	600
6	25	79	15	701	25	129	15	643
7	30	86	18	750	30	132	18	677
8			21	777	35	136	21	705
9			24	794	40	141	24	728
10			27	810	45	146	27	743
11			30	822	50	151	30	757
12			33	834	55	156	33	771
13			36	841	60	161	36	782
14			39	846			39	792
15			42	851			42	800
16			45	854			45	808
17							48	813
18							51	818
19							54	822
20							57	826
21							60	829
22							63	832
23							66	835
24							69	838
25							72	841
26							75	844
27							78	846
28							81	848
29							84	850
30							87	852

PRESSURE BREAKDOWN - CONT. TICKET #5705

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
31							90	854
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								

TKT # 5705

0



TKT # 105

#13221

I

