00511715

9-2-92

WESTERN

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Mull Drilling Company, Inc. Lease & Well No. Pelton Trust #1

Elevation ---- Formation Maramton Effective Pay - Ft. Ticket No. 9763

Date 8/26/81 Sec. 30 Twp. 12S Range 44W County Cheyenne State Colorado

Test Approved by Roger L. Martin Western Representative Roger Lisenby

Formation Test No. 2 Interval Tested from 4895 ft. to 4959 ft. Total Depth 4959 ft.

Packer Depth 4890 ft. Size 6 3/4 in. Packer Depth 4895 ft. Size 6 3/4 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4916 ft. Recorder Number 13266 Cap. 4000

Bottom Recorder Depth (Outside) 4919 ft. Recorder Number 13265 Cap. 3975

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Drlg Rig #2 Drill Collar Length 304 I. D. 2¼ in.

Mud Type chemical Viscosity 55 Weight Pipe Length - I. D. - in.

Weight 8.8 Water Loss 12.0 cc. Drill Pipe Length 4570 I. D. 3.8 in.

Chlorides 1,500 P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.

Jars: Make - Serial Number - Anchor Length 64 ft. Size 5½ with Jt. D.P. in.

Did Well Flow? - Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Good increasing blow on bottom of bucket in fourteen minutes on initial flow period. Good increasing blow on bottom of bucket in ten minutes on final flow period.

Recovered 1555 ft. of gas in pipe

Recovered 31 ft. of mud cut oil (75% oil;25% mud)

Recovered 61 ft. of gassy oil cut mud (17% oil;29% mud;54% volume loss)

Recovered 61 ft. of slightly oil cut watery mud (3% oil;40% water;53% mud;4% volume loss)

Recovered 244 ft. of slightly muddy water

Remarks: Chlorides in first stand of water 16,000 ppm; chlorides in last stand of water 19,000ppm

Time Set Packer(s) 4:15 A.M. P.M. Time Started Off Bottom 7:30 A.M. P.M. Maximum Temperature 151°

Initial Hydrostatic Pressure		(A) 2388	P.S.I.	
Initial Flow Period	Minutes 30	(B) 112	P.S.I. to (C) 142	P.S.I.
Initial Closed In Period	Minutes 45	(D) 1238	P.S.I.	
Final Flow Period	Minutes 60	(E) 189	P.S.I. to (F) 228	P.S.I.
Final Closed In Period	Minutes 69	(G) 1230	P.S.I.	
Final Hydrostatic Pressure		(H) 2368	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 8/26/81 Test Ticket No. 9763

Recorder No. 13266 Capacity 4000 Location 4916 Ft.

Clock No. --- Elevation --- Well Temperature 151 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2388	P.S.I.
B	First Initial Flow Pressure	112	P.S.I.
C	First Final Flow Pressure	142	P.S.I.
D	Initial Closed-in Pressure	1238	P.S.I.
E	Second Initial Flow Pressure	189	P.S.I.
F	Second Final Flow Pressure	228	P.S.I.
G	Final Closed-in Pressure	1230	P.S.I.
H	Final Hydrostatic Mud	2368	P.S.I.

	Time Given	Time Computed
Open Tool	4:15A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	45 Mins.	45 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	60 Mins.	69 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	112
P 2 5	112
P 3 10	112
P 4 15	116
P 5 20	124
P 6 25	134
P 7 30	142
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	142
3	584
6	1062
9	1124
12	1155
15	1171
18	1187
21	1199
24	1207
27	1215
30	1219
33	1225
36	1229
39	1233
42	1236
45	1238

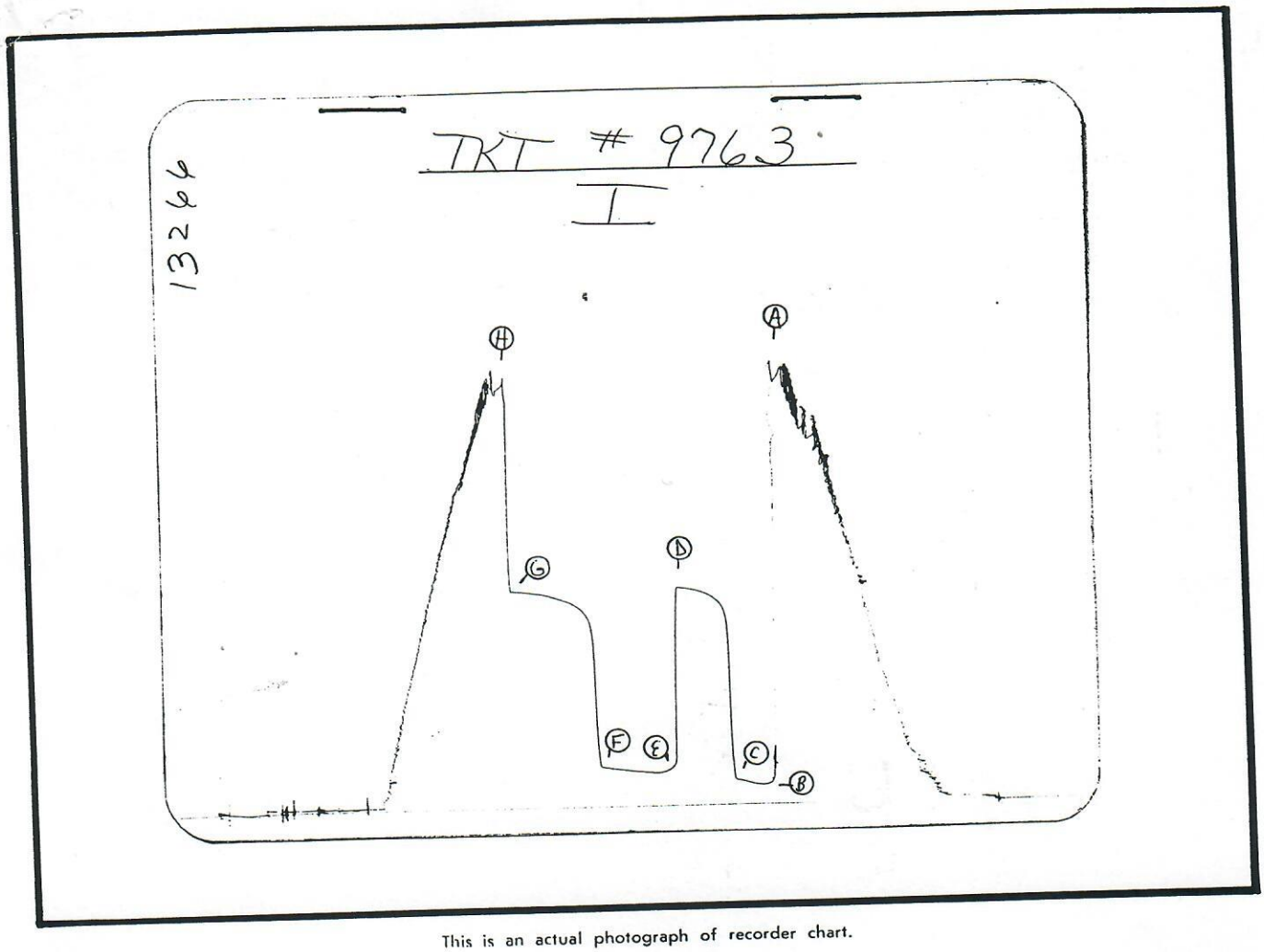
Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	189
5	189
10	189
15	189
20	191
25	193
30	197
35	201
40	205
45	211
50	215
55	222
60	228

Final Shut-In
Breakdown: 23 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	228
3	834
6	1040
9	1090
12	1114
15	1131
18	1145
21	1157
24	1167
27	1175
30	1183
33	1189
36	1197
39	1203
42	1207
45	1211
48	1215
51	1217
54	1221
57	1223
60	1227
63	1228
66	1229
69	1230

COMPANY



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2388	2388	PSI
(B)	First Initial Flow Pressure	121	112	PSI
(C)	First Final Flow Pressure	142	142	PSI
(D)	Initial Closed-in Pressure	1237	1238	PSI
(E)	Second Initial Flow Pressure	182	189	PSI
(F)	Second Final Flow Pressure	223	228	PSI
(G)	Final Closed-in Pressure	1237	1230	PSI
(H)	Final Hydrostatic Mud	2358	2368	PSI