

PHONE
316 / 624-7340

DEAN'S TESTERS INC.

P. O. BOX 182
LIBERAL, Ks. 67901

Formation Morrow Type Test Bottom Hole Date March 7, 1985
Anchor Length and Size 200' 181' x 6 1/4" & 19' x 4 1/2" Total Depth 5640'
Packer Depths 5435' & 5440' Below Straddle _____
Equipment Run 2 Packers, Jars, Safety Joint, Circulating sub

Lengths: Tool 236' D. P. 5222' ID 3.8" Wt. P. _____ ID _____ D. C. 182' ID 2.25"
Mud Type Chemical Vis. 44 Wt. 8.9 Wtr. Loss 8 Cl. 2800 ppm

Recorders: Depth 5430' Make Kuster Cap. 6525 Ser. No. 13644 Inside
Depth 5456' Make Kuster Cap. 6450 Ser. No. 6064 Outside
Depth _____ Make _____ Cap. _____ Ser. No. _____ Below Straddle

Pressures:

Tool on Bottom @ <u>7:45</u> P M.	Initial Hydrostatic <u>2596</u> psi
Initial Flow <u>30</u> Min.	IFP <u>120</u> psi to <u>120</u> psi
Initial Shut-in <u>45</u> Min.	ISIP <u>1679</u> psi
Final Flow <u>45</u> Min.	FFP <u>107</u> psi to <u>104</u> psi
Final Shut-in <u>60</u> Min.	FSIP <u>1699</u> psi
Tool off Bottom @ <u>10:45</u> P M.	Final Hydrostatic <u>2576</u> psi Temp. <u>120</u>

Blow: Strong throughout test. Gas to surface in 12 minutes.

Recovery: 200' Gas Cut Mud

Gas Flow: Gauged at 175 MCF/D through a 3/4" orifice at end of flow period.

Sampler Data:

Pressure _____ PSI
Gas _____ cu. ft.
Total Fluid _____ cc
Oil _____ cc
Water _____ cc
Mud _____ cc
Oil Gravity _____ @ _____ °F.
Gas/Oil Ratio _____

Remarks:

Tester Roy Cooper

Witnessed by: Bob Posey

SEC. 16

TWP. 32S

RGE. 33W

COUNTY Seward

STATE Kansas

TICKET NO. 2716

OPERATOR

WELL NAME & NO.

TEST #

TEST INTERVAL

Mallonee-Warren Ltd.

Franz #1

3

5440' - 5640'

Mobile — 316/624-6247

Unit #935



P.O. Box 1182

Liberal, Kansas 67901

Company	Mallonee-Warren Ltd.	Well	Franz #1
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Test # 3 Interval 544' - 5640'

Method of Guage Merla 2'' Quick-Change Orifice Well Tester

[illegible]

Surface Choke 1" Bottom Choke 5/8"

Remarks: Gas to surface in 12 minutes.

Pressure Break Down

Test ticket no. 2716 Recorder no. 13644 Capacity 6525 Rec. Depth. 5430'

Initial Flow pressure	<u>120</u>	to	<u>120</u>	Time	<u>Given 30</u>	<u>Computed 30</u>
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Initial Closed in pressure 1679 45 45

Final Flow pressure 107 to 104 45 45

Final Closed-in pressure 1699 60 60

Initial Hydrostatic pressure 2596 Final Hydrostatic press. 2576 Temp 120

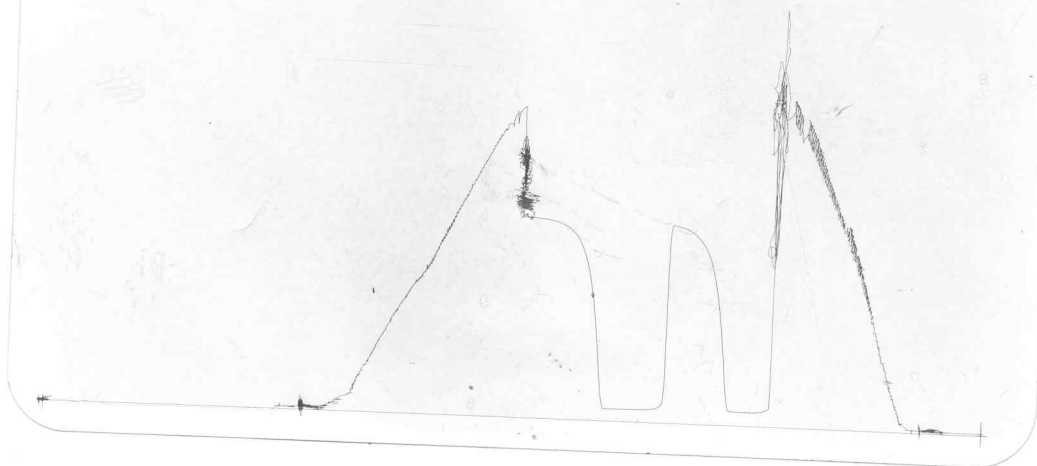
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Minutes	Press
0	120
3	390
6	768
9	1058
12	1254
15	1379
18	1467
21	1526
24	1568
27	1601
30	1627
33	1643
36	1656
39	1669
42	1676
45	1679
48	
51	
54	
57	
60	
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

Minutes	Press
0	107
5	107
10	107
15	107
20	104
25	104
30	104
35	104
40	104
45	104
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	
125	
130	
135	
140	
145	
150	
155	
160	
165	
170	
175	
180	

Final Closed in Press.	
Minutes	Press
0	104
3	355
6	755
9	1081
12	1274
15	1388
18	1480
21	1545
24	1588
27	1617
30	1640
33	1656
36	1669
39	1679
42	1686
45	1689
48	1692
51	1696
54	1699
57	1699
60	1699
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

649



Initial Hydrostatic _____ 2596 _____ psi
 IFP _____ 120 _____ psi to _____ 120 _____ psi
 ISIP _____ 1679 _____ psi
 FFP _____ 107 _____ psi to _____ 104 _____ psi
 FSIP _____ 1699 _____ psi
 Final Hydrostatic _____ 2576 _____ psi

