

316/624-7340


 DEAN'S TESTERS
INC.

Box 1182, Liberal, Ks.

Ticket No. 2082
Date 8-23-83Company Name CHEYENNE PET.

Address _____

Report Distribution: _____ copies _____

Invoice sent to: _____ copies _____

Well Name & No. LEPPER #1-11 Sec. 11 Twp. 33S Rge. 31WCounty SEWARD State KANSAS Elevation _____DST No. 4 Formation JUDY Test Interval 4653 to 4683 Total Depth 6000Anchor Length 30' Anchor size 30' x 4 1/2" OD Surface Choke 1/4" Bot. Choke 5/8"Top Packer Depth 4648 Damaged NO Bottom Packer Depth 4653 Damaged NOBelow Straddle Depth 4683 Damaged NO Bot. Packer Depth _____ Damaged _____Recorders: Depth 4669 Make KUSTER Capacity 6500 Ser. No. 13374 InsideDepth 4679 Make KUSTER Capacity 6400 Ser. No. 13373 OutsideBelow Straddle: Depth 4695 Make KUSTER Capacity 3925 Ser. No. 22150

PRESSURES: Tool on Bottom @ 2:15 P. M. Initial Hydrostatic 2288 psi
 Initial Flow 15 Min. IFP 49 psi to 32 psi
 Initial Shut-in 45 Min. ISIP 1390 psi
 Final Flow 60 Min. FFP 65 psi to 65 psi
 Final Shut-in 90 Min. FSIP 1390 psi

Blow WEAK Tool off Bottom @ 5:45 P. M. Final Hydrostatic 2124 psi Temp. 126°
WEAK INITIAL - WEAK INCREASING TO STRONG FINAL FLOW
 Recovery 250' OIL & GAS CUT MUD.

Top 2600 PPM CL. Middle 16,000 PPM CL.Bottom 27,000 PPM CL.Extra Equipment 3 PACKERS, JAR, SFTY. JT., CIRC SUB, SAMPLER, STRADDLE, HOOKWALL ASSEMBLYLengths: Tool 75' DP 4000 ID 3.8 Wt.P _____ ID _____ DC 674' ID 2.25Mud Type CHEMICAL Vis. 84 Wt. 9.1 Wtr. Loss 8.0 Chlorides 1800 PPMDrig. Cont. SAGE #6 Int. Size: DC 4 1/2" H-90DP 4 1/2" X-H

Remarks: _____

Invoice Section
Service Cost

TEST	810 ⁰⁰
1 PACKER	340 ⁰⁰
JAR	380 ⁰⁰
SFTY. JT.	65 ⁰⁰
CIRC SUB	65 ⁰⁰
STRADDLE	390 ⁰⁰
HOOK	440 ⁰⁰
SAMPLER	330 ⁰⁰
TRIP	30 ⁰⁰
MILEAGE	30 ⁰⁰
TOTAL	2850 ⁰⁰

MILEAGE 40 mi. R.T. @ .75 mi.

Company Terms
 Dean's Testers shall not be liable for damage of any kind to the property or personnel of the one for whom a test is run, or for any loss suffered, directly or indirectly, through the use of its equipment or its statements or opinion concerning the results of any test.

Tester: R. J. WesterhaverTest Approved By: Shirley Hoas

50 PSI
.14 CFG

45.54
45.4

.14

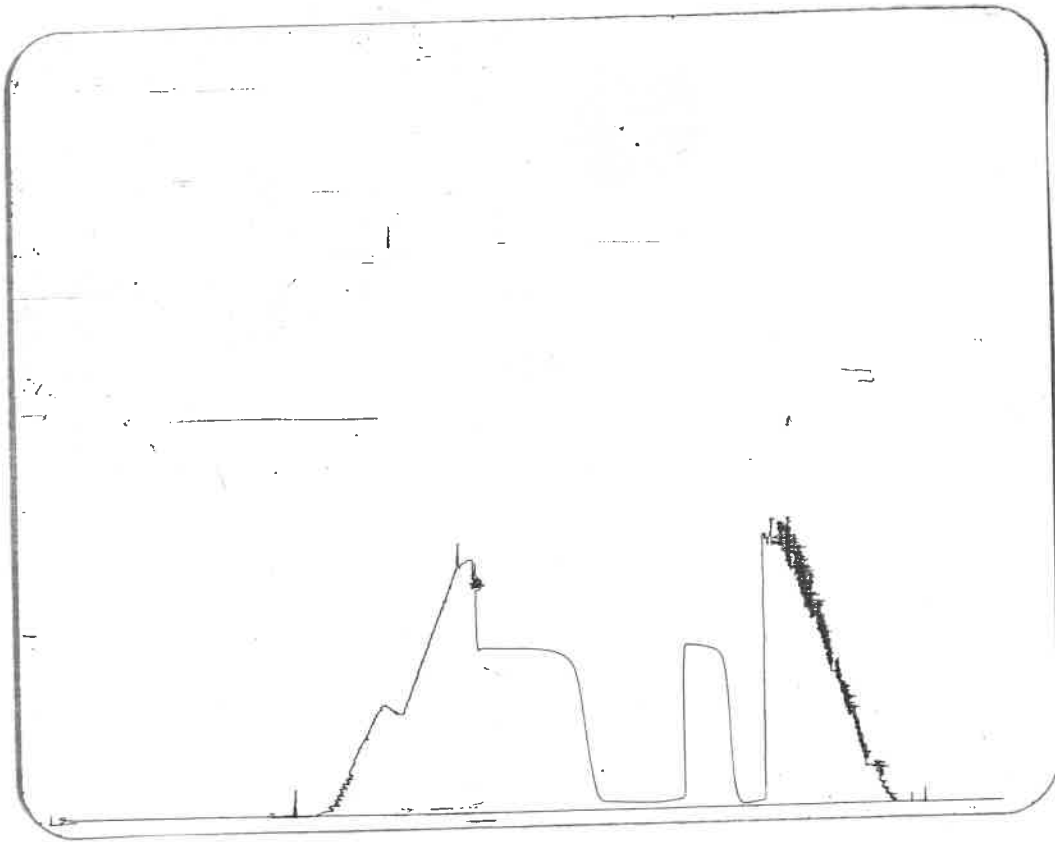
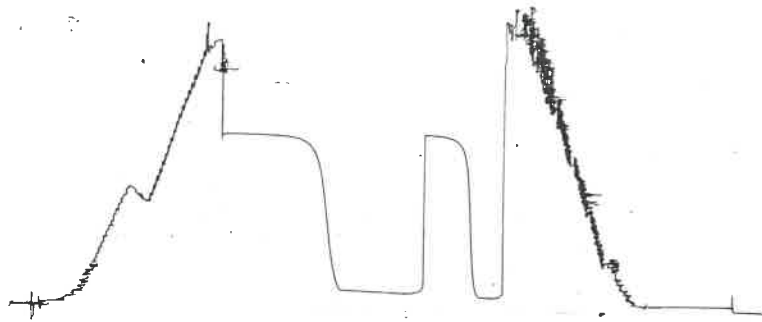
1950 cc total fluid

550 cc oil

1400 cc oil cut mud

27,000 PPM Cl.

373



Formation Judy Type Test Hook Straddle w/Sampler Date August 23, 1983
Anchor Length and Size 30' x 4 1/2" Total Depth 6000'
Packer Depth 4648' & 4653' Below Straddle 4683'
Equipment Run 3 Packers, Jars, Safety Joint, Circulating sub, Sample Chamber,
Straddle Assembly, Sidewall Hook Assembly

Lengths: Tool 75' D. P. 4000 ID 3.8" Wt. P. ID D. C. 674' ID 2.25"
Mud Type Chemical Vls. 84 Wt. 9.1 Wtr. Loss 8.0 Cl. 1800 ppm
Recorders: Depth 4669' Make Kuster Cap. 6500 Ser. No. 13374 Inside
Depth 4679' Make Kuster Cap. 6400 Ser. No. 13373 Outside
Depth 4695' Make Kuster Cap. 3925 Ser. No. 22150 Below Straddle

Pressures:

Tool on Bottom @ <u>2:15 P</u> M.	Initial Hydrostatic <u>2295</u> psi
Initial Flow <u>15</u> Min.	IFP <u>42</u> psi to <u>22</u> psi
Initial Shut-In <u>40</u> Min.	ISIP <u>1381</u> psi
Final Flow <u>60</u> Min.	FFP <u>59</u> psi to <u>62</u> psi
Final Shut-In <u>90</u> Min.	FSIP <u>1390</u> psi
Tool off Bottom @ <u>5:45 P</u> M.	Final Hydrostatic <u>2121</u> psi Temp. <u>126</u>

Blow: Weak on Initial Flow. Weak increasing to Strong on Final Flow.

Recovery:

250' Oil & Gas Cut Mud Top 2600 PPM CL
Middle 16000 PPM CL
Bottom 27000 PPM CL

Gas Flow:

Sampler Data:

Pressure 50 PSI
Gas .14 cu. ft.
Total Fluid 1950 cc
Oil 550 cc
Water cc
Mud 1400 cc
Oil Gravity °F.
Gas/Oil Ratio

Remarks:

27,000 PPM CL

Tester R.J. Westenhaver Witnessed by: G. HOSS

Pressure Break Down

st ticket no. 2082 Recorder no. 13374 Capacity 6500 Rec. Depth. 4669'

Initial Flow pressure <u>42</u> to <u>22</u>	Time	Given <u>15</u>	Computed <u>15</u>
Initial Closed in pressure <u>1381</u>		<u>45</u>	<u>40</u>
Final Flow pressure <u>59</u> to <u>62</u>		<u>60</u>	<u>60</u>
Final Closed-in pressure <u>1390</u>		<u>90</u>	<u>90</u>
Initial Hydrostatic pressure <u>2295</u>	Final Hydrostatic press. <u>2121</u>	Temp <u>126</u>	

Initial Flow Press.

Minutes	Press
0	42
5	39
10	29
15	22
20	
25	
30	
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	

Initial Closed in Press.

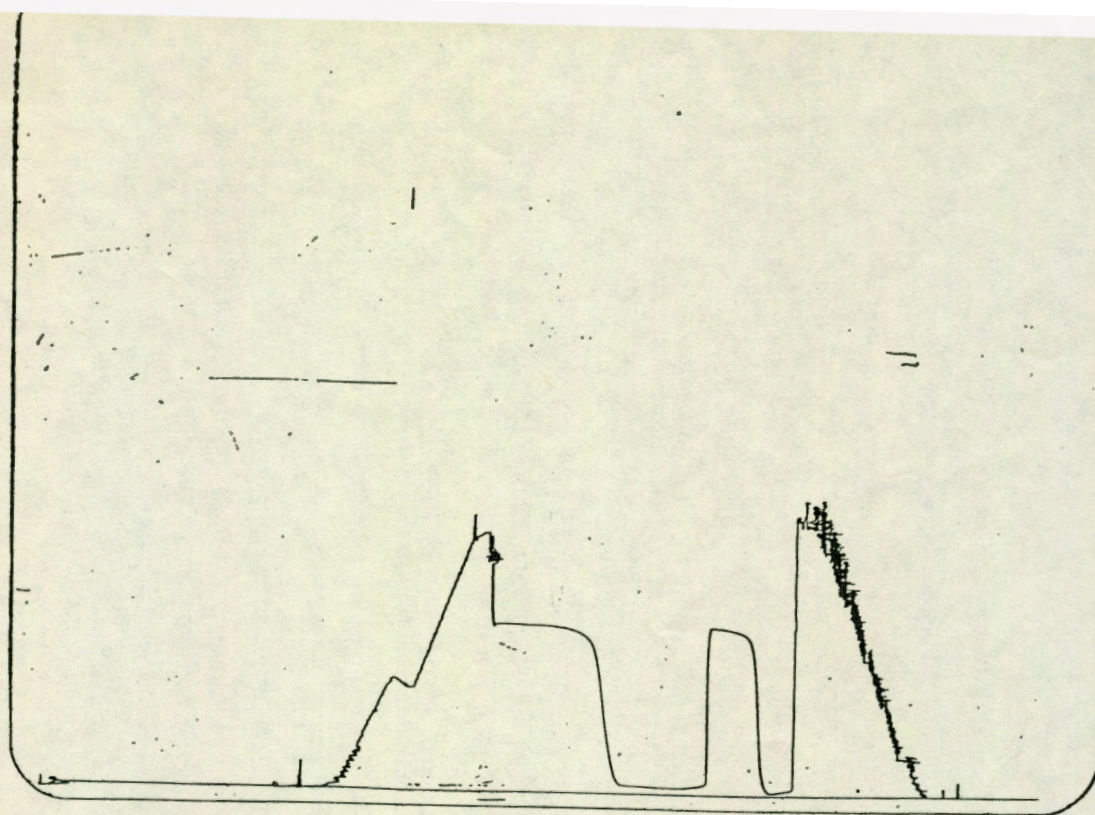
Minutes	Press
0	22
3	72
6	350
9	1022
12	1254
15	1315
18	1338
21	1351
24	1358
27	1368
30	1374
33	1374
36	1377
39	1381
40xx	1381
45	
48	
51	
54	
57	
60	
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

Final Flow Press

Minutes	Press
0	59
5	59
10	59
15	59
20	59
25	49
30	49
35	49
40	55
45	55
50	59
55	59
60	62
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	62
3	95
6	190
9	377
12	609
15	921
18	1123
21	1228
24	1283
27	1306
30	1328
33	1345
36	1351
39	1361
42	1368
45	1371
48	1377
51	1381
54	1381
57	1381
60	1381
63	1381
66	1381
69	1387
72	1387
75	1387
78	1390
81	1390
84	1390
87	1390
90	1390
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	



Initial Hydrostatic _____ 2295 _____ psi
 IFP _____ 42 _____ psi to _____ 22 _____ psi
 ISIP _____ 1381 _____ psi
 FFP _____ 59 _____ psi to _____ 62 _____ psi
 FSIP _____ 1390 _____ psi
 Final Hydrostatic _____ 2121 _____ psi

