15-175-21186

7-32s-34w

PHONE
316 / 624-7340

DEAN'S TESTERS INC.

P. O. BOX 1182
LIBERAL, Ks. 67901

Formation Chester Type Test Tailpipe Straddle Date July 22, 1991

Anchor Length and Size 48'; 29'X 6"OD-D.C., 19'X 4½"OD-Perf. Total Depth 6252'

Packer Depths 6075' & 6080' Below Straddle 6128' Choke Size Bottom 5/8" Surface 1/4"

Equipment Run 3 Packers, Jars, Sample Chamber, Sfty jnt., Circ. sub., Straddle Assembly

Lengths: Tool 210' D. P. 5569' ID 3.8" Wt. P. ID D. C. 502' ID 2.25"

Mud Type Chemical Vis. 46 Wt. 9.0 Wtr. Loss 9.2 Cl. 500 ppm

Recorders:

	Depth	Make	Cap.	Ser. No.	
	6068'	Kuster	6800	10217	Inside
	6091'	Kuster	6450	10268	Outside
	6141'	Kuster	6500	10269	Below Straddle

Pressures:

Tool on Bottom @	2:15 AM.	Initial Hydrostatic	2938	psi	
Initial Flow	30 Min.	IFP	119 psi to 448	psi	
Initial Shut-In	57 Min.	ISIP	1760	psi	
Final Flow	60 Min.	FFP	489 psi to 794	psi	
Final Shut-In	120 Min.	FSIP	1753	psi	
Tool off Bottom @	6:45 AM.	Final Hydrostatic	2904	psi	Temp. 146

Blow: Weak increasing to strong on both flow periods.

Recovery:

1630' Total Fluid.	(17.67 bbl.)
30' Muddy Water.	(0.41 bbl.)
1600' Salt Water	(17.26 bbl.)

Gas Flow:

Sampler Data:

Pressure 685 PSI
Gas none cu. ft.
Total Fluid 2000 cc
Oil -- cc
Water 2000 125,000 PPM Cl. cc
Mud -- cc
Oil Gravity @ °F.
Gas/Oil Ratio

Remarks:

Rw.-.02 @ 146 F.

Tester Butch Young Witnessed by: Marvin Harvey

JT-10 Liberal Office Machines

SEC. 7 TWP. 32S RGE. 34W

Gamma Resources, Inc. — OPERATOR

COUNTY Seward

April #1 — WELL NAME & NO.

STATE Kansas

1 — TEST #

TICKET NO. 3377

6080' - 6128' — TEST INTERVAL

Pressure Break Down

Test ticket no. 3377 Recorder no. 10217 Capacity 6800 Rec. Depth. 6068'

Initial Flow pressure 119 to 448

Initial Closed in pressure 1760

Final Flow pressure 489 to 794

Final Closed-in pressure 1753

Time	Given	Computed
	30	30
	60	57
	60	60
	120	120

Initial Hydrostatic pressure 2938 Final Hydrostatic press. 2904 Temp 146

Initial Flow Press.

Minutes	Press
0	119
5	195
10	280
15	332
20	380
25	417
30	448
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	

Initial Closed in Press.

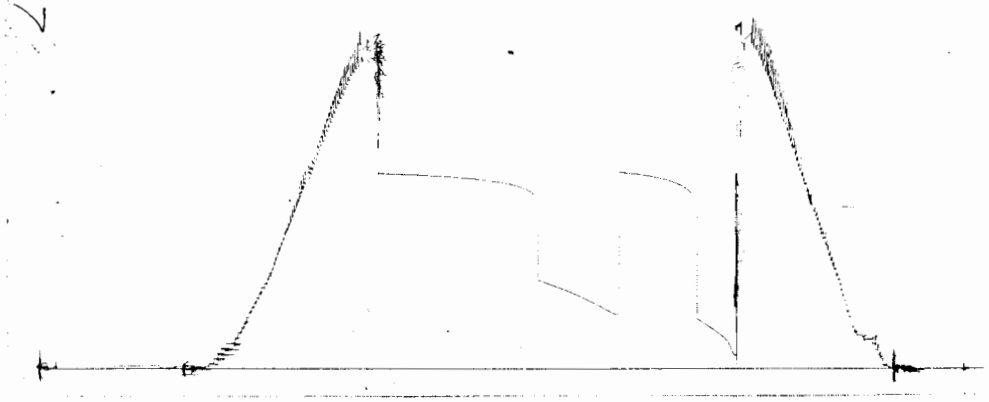
Minutes	Press
0	448
3	
6	1592
9	
12	1643
15	
18	1678
21	
24	1702
27	
30	1715
33	
36	1729
39	
42	1739
45	
48	1750
51	
54	1756
57	1760
60	
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

Final Flow Press

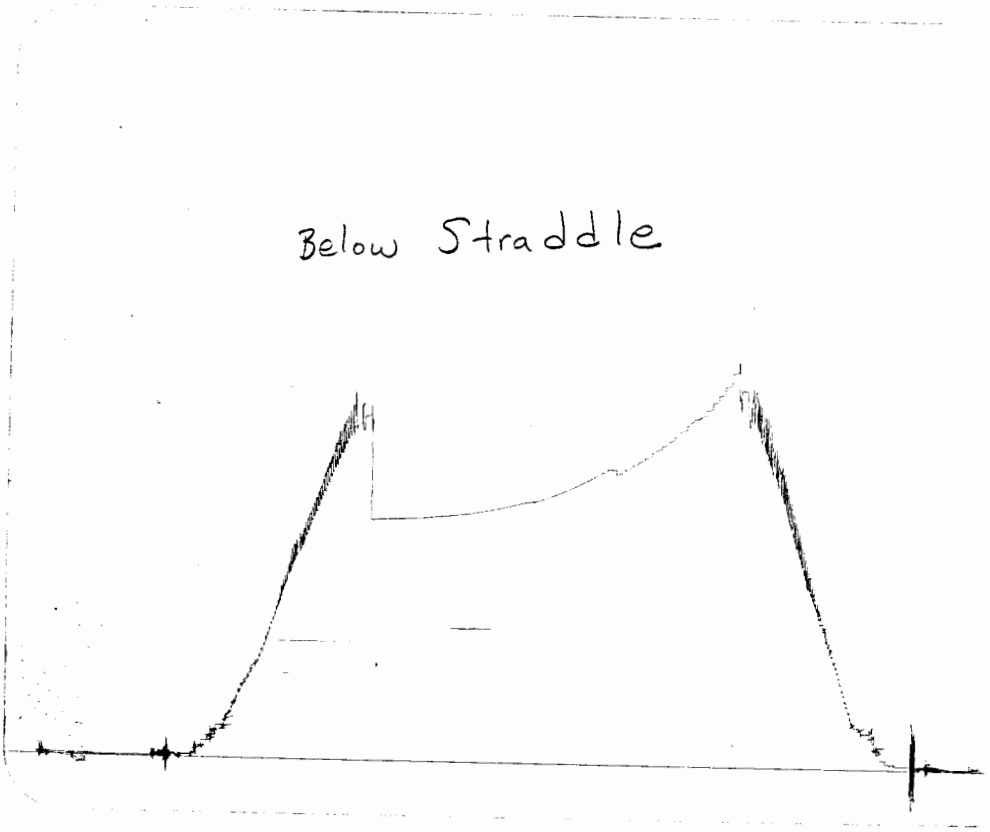
Minutes	Press
0	489
5	496
10	530
15	565
20	595
25	626
30	654
35	681
40	705
45	729
50	753
55	773
60	794
65	
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	
125	
130	
135	
140	
145	
150	
155	
160	
165	
170	
175	
180	

Final Closed in Press.

Minutes	Press
0	794
3	
6	1592
9	
12	1626
15	
18	1647
21	
24	1664
27	
30	1674
33	
36	1684
39	
42	1695
45	
48	1702
51	
54	1708
57	
60	1715
63	
66	1722
69	
72	1726
75	
78	1729
81	
84	1732
87	
90	1736
93	
96	1739
99	
102	1743
105	
108	1746
111	
114	1750
117	
120	1753



Initial Hydrostatic	2938			psi
IFP	119	psi to	448	psi
ISIP	1760			psi
FFP	489	psi to	794	psi
FSIP	1753			psi
Final Hydrostatic	2904			psi


Below Straddle