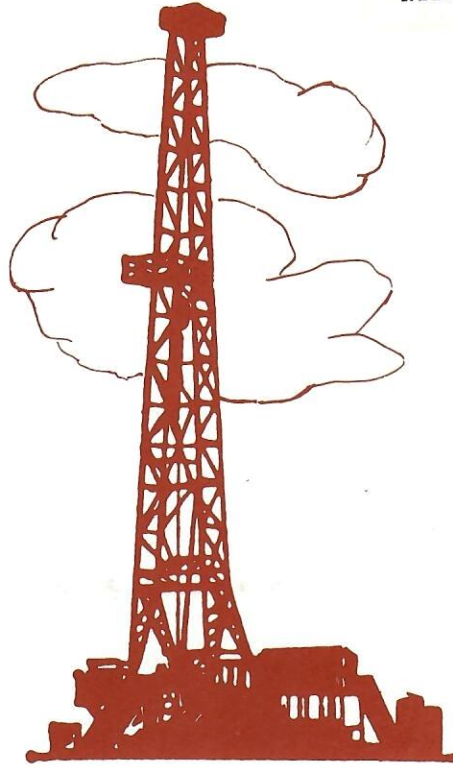




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PICK TESTERS

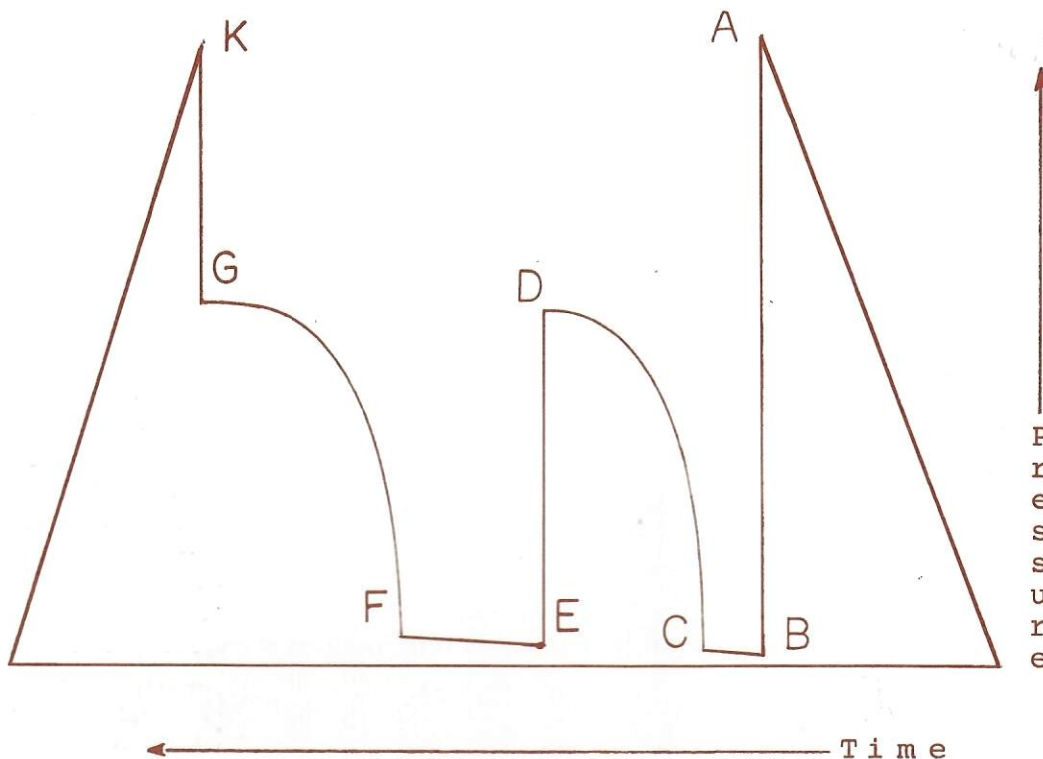
Drill Stem Test Report

Box 341
Sterling, CO 80751

Phone
(303) 522-8387

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

Kuster AK-1 Chart



- A - Initial Hydrostatic
- B - First Initial Flow
- C - First Final Flow
- D - Initial Shut-In
- E - Second Initial Flow
- F - Second Final Flow
- G - Second Shut-In
- K - Final Hydrostatic

Drill-Stem-Test Reporting By:

Michael Hudson

DATA REPORTING SERVICES

Box 1762

Ph. (303) 522-9068

STERLING, COLORADO 80751

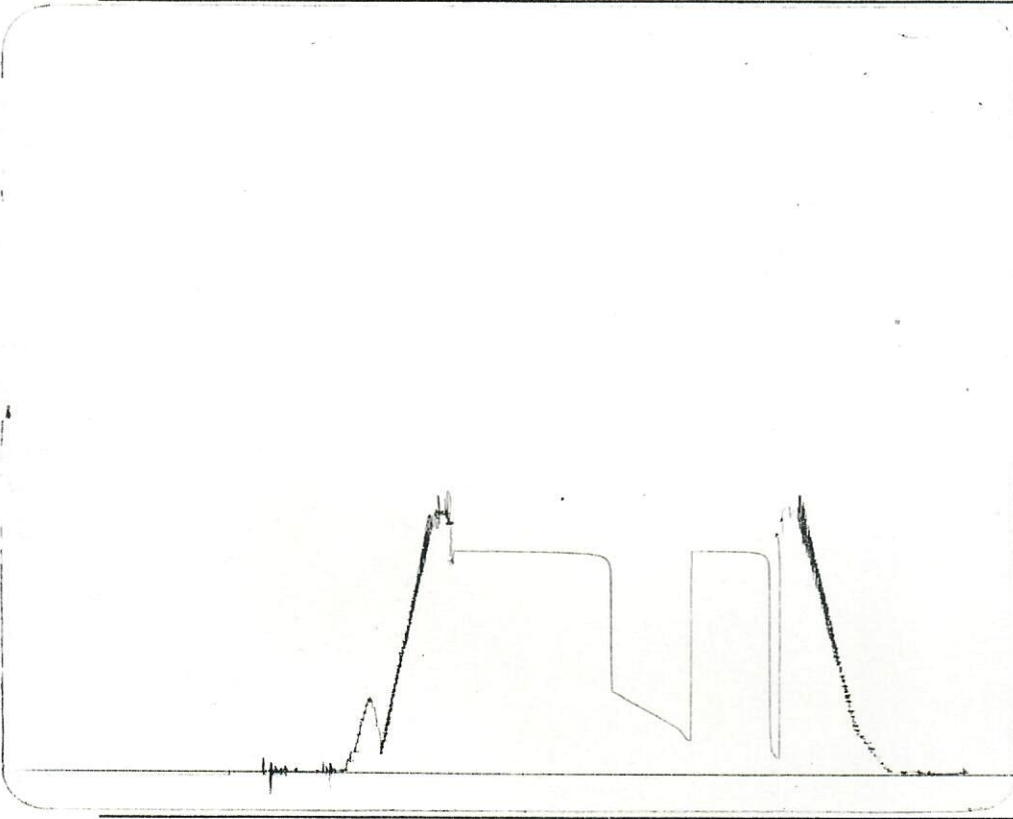
Original pressure charts on file at the above location.



PICK TESTERS

Contractor	Exeter Drilling	Surface Choke	1/4"	Mud Type	Chemical/Gel
Rig No.	14	Bottom Choke	3/4"	Weight	9.2
Spot	NE/NE	Hole Size	7 7/8"	Viscosity	45
Sec	3	Core Hole Size	None	Water Loss	--
Twp.	7 N	DP Size & Wt.	4 1/2" 16.60	Filter Cake	--
Rng.	61 W	Wt. Pipe	None	Resistivity	3.5 @ 60 °F
Field	Wildcat	I.D. of DC	2 1/4"		1,796 Ppm. NaCl
County	Weld	Length of DC	591'	B.H.T.	135 °F
State	Colorado	Total Depth	3547'	Co. Rep.	Mark Scannello
Elevation	5008' KB	Type Test	Conventional	Tester	David Pickering
Formation	Parkman	Interval	3474'- 3547'		

HSR RESOURCES, INC.
TICKET #1493



	REPORTED	CORRECTED	
Opened Tool @	11:20		hrs.
Flow No. 1	5	5	min.
Shut-in No. 1	60	60	min.
Flow No. 2	60	59	min.
Shut-in No. 2	120	121	min.
Flow No. 3	None Taken		min.
Shut-in No. 3	"	"	min.

Recorder Type	Kuster AK-1
No. 13338	Cap. 4950 psi
Depth	3463 feet
Inside x	Clock
Outside	Range 12 hrs.

Initial Hydrostatic	A	1688
Final Hydrostatic	K	1665
Initial Flow	B	95
Final Initial Flow	C	131
Initial Shut-in	D	1425
Second Initial Flow	E	208
Second Final Flow	F	516
Second Shut-in	G	1418
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	

HSR BRODT/SUSIE Q #1-3
PARKMAN ~ 3474' - 3547'

Pipe Recovery 1210' Mud cut water w/slight trace of gas = 11.69 bbl.

Resistivity:
 Top: 1.4 @ 74 Deg F/0.8 @ Res Temp/3,859 ppm NaCl., 2,346 ppm Cl.
 Middle: 2.4 @ 76 Deg F/1.4 @ Res Temp/2,131 ppm NaCl., 1,295 ppm Cl.
 Bottom: 2.4 @ 76 Deg F/1.4 @ Res Temp/2,131 ppm NaCl., 1,295 ppm Cl.

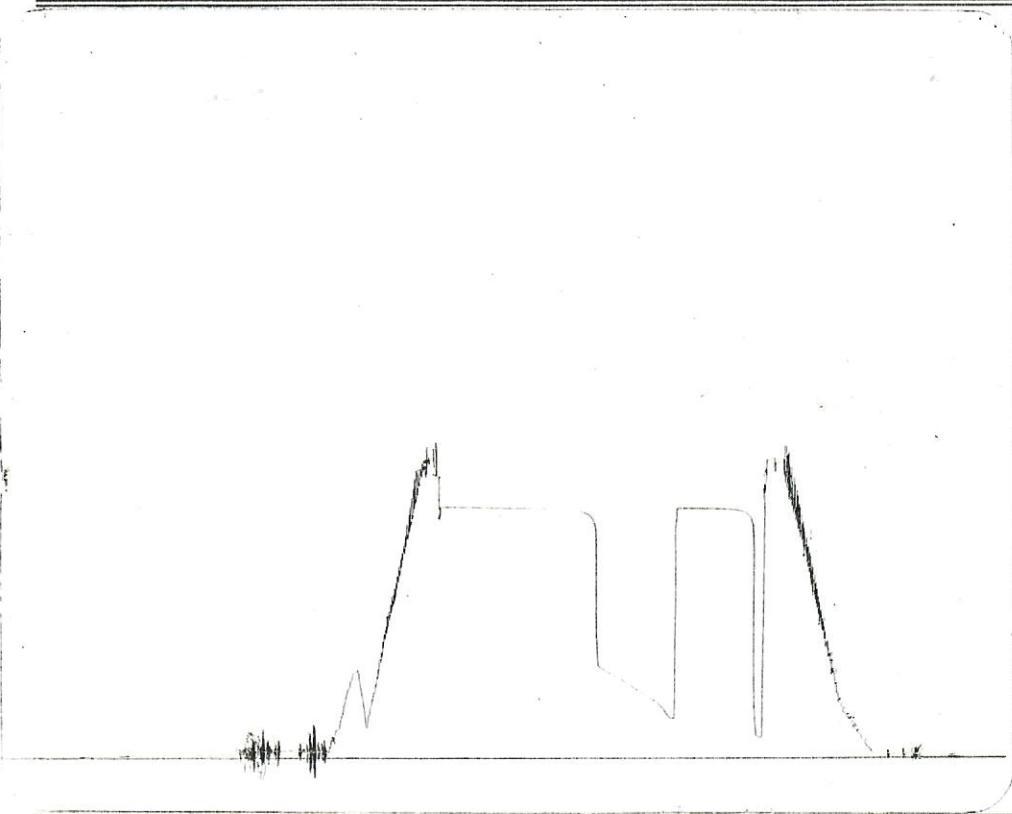
1st Flow: Tool opened with a 1/2" blow, increased to 8" at end of flow period.

2nd Flow: Tool opened with a slight blow, increased to a good blow off bottom of bucket in 10 minutes and remained thru flow period.

DST #1
03-03-1995

Company: HS Resources, Inc.
 Well: HSR Brodt/Susie Q #1-3
 DST No: 1

03-03-1995



Recorder Type	Kuster AK-1		
No.	13617	Cap.	4550 psi
Depth			3458 feet
Inside	x	Clock	
Outside		Range	12 hrs.
Initial Hydrostatic	A		1708
Final Hydrostatic	K		1682
Initial Flow	B		99
Final Initial Flow	C		109
Initial Shut-In	D		1439
Second Initial Flow	E		209
Second Final Flow	F		514
Second Shut-In	G		1431
Third Initial Flow	H		
Third Final Flow	I		
Third Shut-In	J		

Recorder Type	--		
No.		Cap.	psi
Depth			feet
Inside		Clock	
Outside		Range	hrs.
Initial Hydrostatic	A		
Final Hydrostatic	K		
Initial Flow	B		
Final Initial Flow	C		
Initial Shut-In	D		
Second Initial Flow	E		
Second Final Flow	F		
Second Shut-In	G		
Third Initial Flow	H		
Third Final Flow	I		
Third Shut-In	J		

Company: HS Resources, Inc.
Well: HSR Brodt/Susie Q #1-3
DST No: 1

03-03-1995

SAMPLER REPORT

Pressure in Sampler:	None	psig
Total Volume of Sampler:	2150	cc.
Total Volume of Sample:	2100	cc.
Oil:	None	cc.
Water:	2100	cc.
Mud:	None	cc.
Gas:	Trace	cu. ft.
Other:	None	
Sample RW:	2.0 @ 72 Deg F/1.11 @ Res Temp/2,720 ppm NaCl., 1,653 ppm Cl.	
	Resistivity	

Make up Water	@		°F of Chloride Content	ppm.
Mud Pit Sample	3.5	@	60	°F of Chloride Content 1,796 ppm.
Gas / Oil Ratio		Gravity	°API @	°F

Where was sample drained On Location.

Remarks:

D.R.S.

Company: HS Resources, Inc.

Well: HSR Brodt/Susie Q #1-3, DST #1

[Friday: Mar. 3, 1995]

Field: Wildcat

Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
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Gauge #13338 @ 3463 ft:

Opened for flow #1:

1	0	11:20: 0	0.0000	94.51
2	0	11:21: 2	0.0174	96.73
3	0	11:22: 1	0.0337	99.32
4	0	11:23: 0	0.0501	107.11
5	0	11:24: 2	0.0673	118.89
6	0	11:25: 1	0.0836	128.38
7	0	11:25:29	0.0913	130.82

Closed for shut-in #1:

8	0	11:25:29	0.0000	130.82
9	0	11:26:28	0.0165	218.94
10	0	11:27:26	0.0326	890.83
11	0	11:28:29	0.0499	1371.99
12	0	11:29:30	0.0671	1388.57
13	0	11:30:29	0.0835	1396.19
14	0	11:31:28	0.0998	1401.66
15	0	11:32:31	0.1172	1405.75
16	0	11:33:30	0.1335	1408.95
17	0	11:34:29	0.1499	1411.52
18	0	11:35:31	0.1673	1412.83
19	0	11:37:29	0.2001	1414.94
20	0	11:39:31	0.2339	1417.31
21	0	11:41:29	0.2667	1419.17
22	0	11:43:31	0.3005	1419.90
23	0	11:45:29	0.3333	1421.38
24	0	11:47:30	0.3671	1421.97
25	0	11:49:28	0.3999	1422.06
26	0	11:51:30	0.4337	1422.41
27	0	11:53:28	0.4665	1422.50
28	0	11:55:30	0.5003	1422.60
29	0	11:58:31	0.5505	1423.49
30	0	12: 1:31	0.6007	1424.01
31	0	12: 4:29	0.6500	1424.28
32	0	12: 7:29	0.7002	1424.42
33	0	12:10:30	0.7504	1424.56
34	0	12:13:31	0.8006	1424.69
35	0	12:16:28	0.8498	1424.83
36	0	12:19:29	0.9000	1424.97
37	0	12:22:30	0.9502	1425.11
38	0	12:25: 3	0.9927	1425.23

Opened for flow #2:

39	0	12:26:37	0.0000	208.14
40	0	12:29:37	0.0501	216.53
41	0	12:32:37	0.1000	248.03

D.R.S.

Company: HS Resources, Inc.

Well: HSR Brodt/Susie Q #1-3, DST #1

[Friday: Mar. 3, 1995]

Field: Wildcat

Page 2

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
42	0	12:35:36	0.1499	276.65
43	0	12:38:36	0.1999	293.85
44	0	12:41:36	0.2500	309.35
45	0	12:46:38	0.3337	335.57
46	0	12:51:36	0.4165	360.73
47	0	12:56:37	0.5002	382.61
48	0	13: 1:36	0.5831	404.39
49	0	13: 6:37	0.6668	427.55
50	0	13:11:35	0.7496	449.99
51	0	13:16:37	0.8334	473.32
52	0	13:21:38	0.9171	497.79
53	0	13:25:37	0.9835	516.20
Closed for shut-in #2:				
54	0	13:25:37	0.0000	516.20
55	0	13:26:37	0.0165	693.58
56	0	13:27:37	0.0333	1319.96
57	0	13:28:38	0.0503	1355.98
58	0	13:29:37	0.0666	1367.76
59	0	13:30:39	0.0839	1374.75
60	0	13:31:38	0.1002	1380.73
61	0	13:32:37	0.1166	1385.19
62	0	13:33:40	0.1339	1389.16
63	0	13:34:38	0.1503	1391.98
64	0	13:35:38	0.1667	1393.66
65	0	13:37:39	0.2005	1397.42
66	0	13:39:37	0.2333	1400.41
67	0	13:41:39	0.2671	1402.02
68	0	13:43:37	0.2999	1404.01
69	0	13:45:38	0.3337	1405.24
70	0	13:47:37	0.3665	1406.59
71	0	13:49:38	0.4003	1407.57
72	0	13:51:36	0.4331	1408.29
73	0	13:53:38	0.4669	1408.89
74	0	13:55:40	0.5007	1408.98
75	0	13:58:40	0.5509	1409.88
76	0	14: 1:38	0.6001	1411.28
77	0	14: 4:38	0.6503	1411.93
78	0	14: 7:39	0.7005	1412.82
79	0	14:10:40	0.7507	1413.47
80	0	14:13:37	0.7999	1413.60
81	0	14:16:38	0.8501	1414.38
82	0	14:19:38	0.9003	1414.52
83	0	14:22:39	0.9505	1414.78
84	0	14:25:36	0.9998	1414.92
85	0	14:30:39	1.0838	1415.91

D.R.S.

Company: HS Resources, Inc.

Well: HSR Brodt/Susie Q #1-3, DST #1

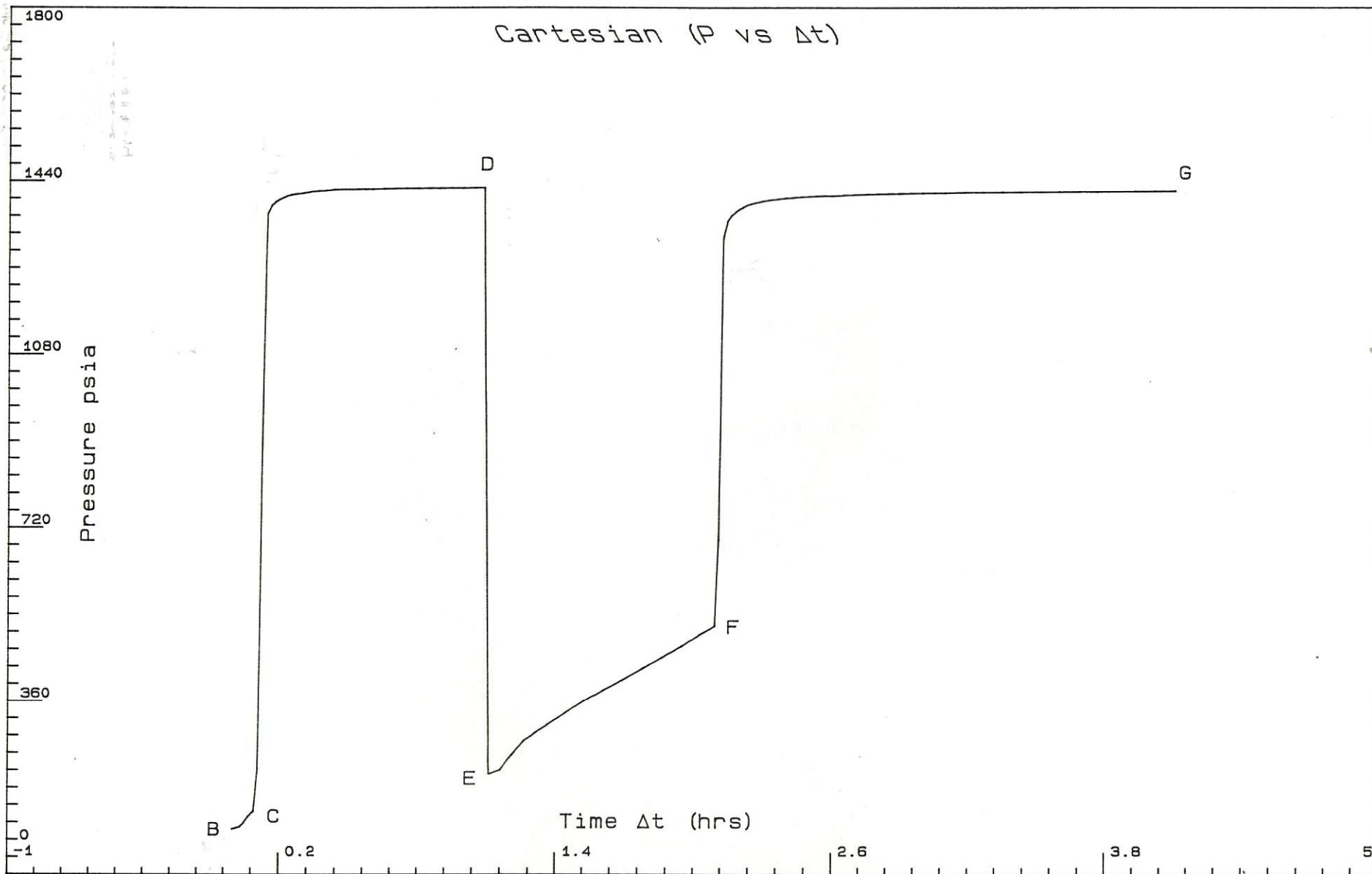
[Friday: Mar. 3, 1995]

Field: Wildcat

Page 3

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
86	0	14:35:38	1.1668	1416.14
87	0	14:40:40	1.2508	1416.37
88	0	14:45:39	1.3338	1416.60
89	0	14:50:38	1.4169	1416.84
90	0	14:55:37	1.4999	1417.07
91	0	15: 0:39	1.5839	1417.30
92	0	15: 5:38	1.6669	1417.53
93	0	15:10:37	1.7500	1417.76
94	0	15:15:40	1.8340	1418.00
95	0	15:20:39	1.9170	1418.23
96	0	15:25:37	2.0001	1418.46
97	0	15:26:16	2.0107	1418.49

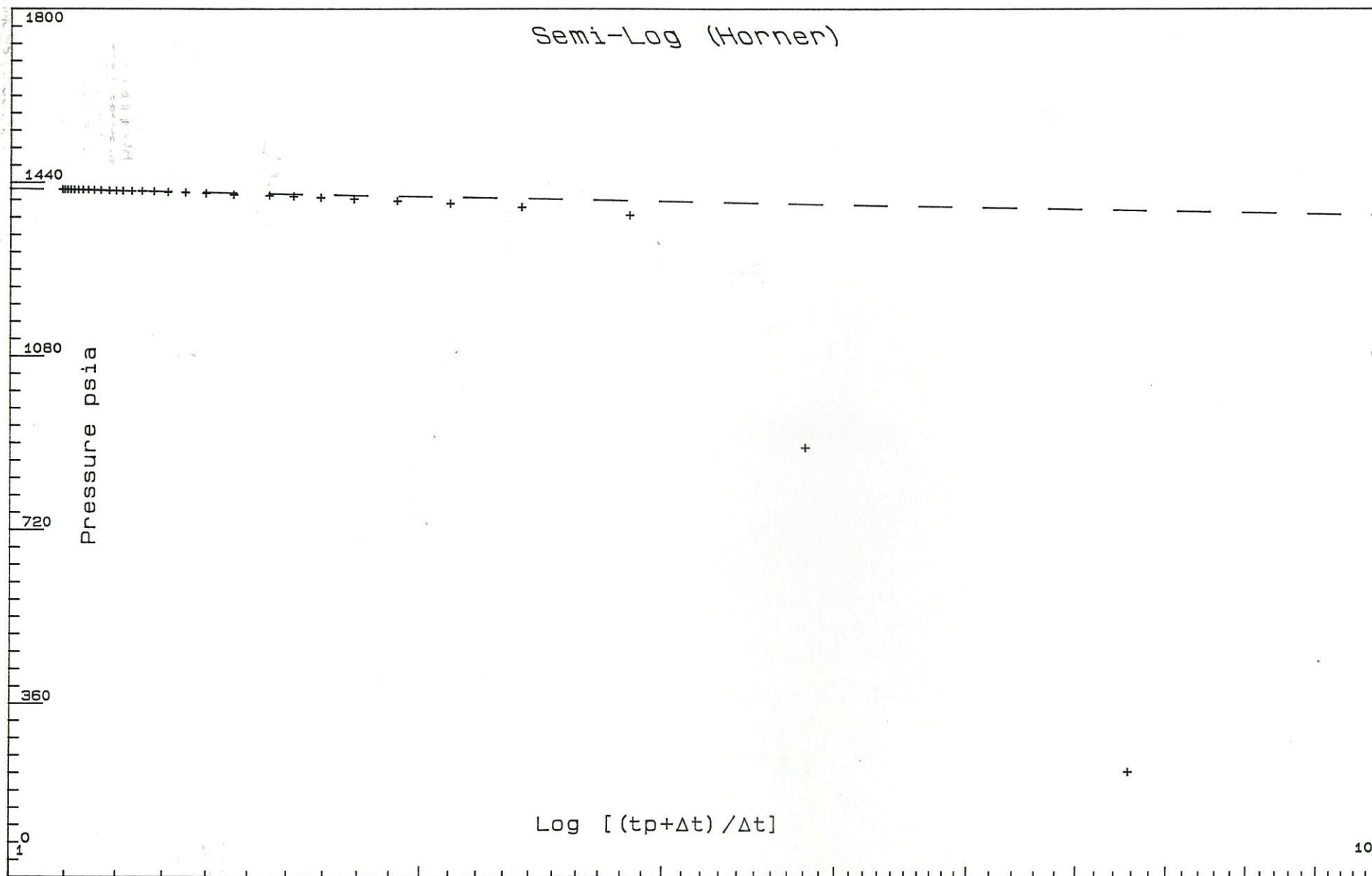
D.R.S.



Company: HS Resources, Inc.
 Well: HSR Brodt/Susie Q #1-3, DST #1
 Field: Wildcat

Chart digitized by DRS computerized scanning systems.

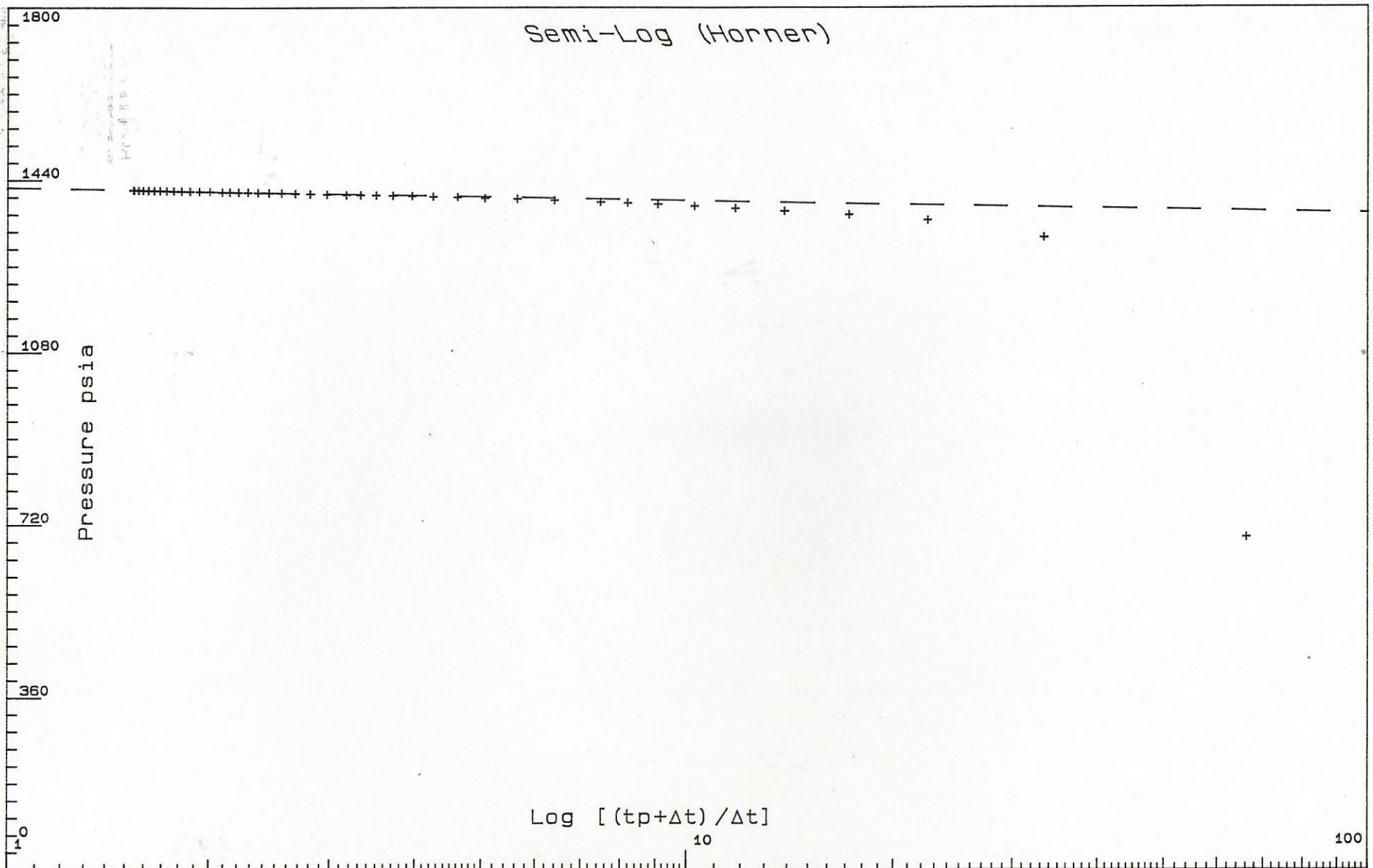
Date: 03-03-1995



Company: HS Resources, Inc.
 Well: HSR Brodt/Susie Q #1-3, DST #1
 Field: Wildcat

Shut-in #1:
 $P^* = 1427$ psi
 $M = -55.361$ psi/cycle

Date: 03-03-1995



Company: HS Resources, Inc.
 Well: HSR Brodt/Susie Q #1-3, DST #1
 Field: Wildcat

Shut-in #2:
 P* = 1423 psi
 M = -27.006 psi/cycle

Date: 03-03-1995

Company: HS Resources, Inc.
Well: HSR Brodt/Susie Q #1-3

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