



OCT 16 1996

WESTERN TESTING CO., INC.



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

FORMATION TEST REPORT

DST REPORT

GENERAL INFORMATION

DATE	: 7/30/96	TICKET	: 22111
CUSTOMER	: J W GIBSON	LEASE	: STATE
WELL	: #1-15	TEST:	1
ELEVATION	: 4109 KB	GEOLOGIST	: SCHWARTZ
SECTION	: 15	FORMATION	: MARMATON
RANGE	: 47W	TOWNSHIP	: 19S
COUNTY	: KIOWA	STATE	: CO
GAUGE SN#	: 3017	RANGE	: 5000
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4233.00 ft	TO:	4301.00 ft	TVD:	4301.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	4235.0 ft		4260.0 ft		
TEMPERATURE:	124.0				
DRILL COLLAR LENGTH:	612.0 ft	I.D.:	2.250 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	3593.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	68.0 ft	ANCHOR SIZE:	5.500 in		
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in		
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH		
PACKER DEPTH:	4228.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	4233.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON. :	MURFIN RIG 25	VISCOSITY :	50.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	12.800 cc
WEIGHT :	9.000 ppg		
CHLORIDES :	5000 ppm	SERIAL NUMBER:	512
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IMMEDIATELY. GAS
TO SURFACE IN 90 SECONDS. SEE GAS SHEET.
GAS DID BURN.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
425.0	0.0	0.0	100.0	0.0	SULPHUR WATER
0.0	0.0	0.0	0.0	0.0	RW .32 @ 65 DEGREES F
0.0	0.0	0.0	0.0	0.0	CHLORIDES 21000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0000	STB		
WATER VOLUME:	2.0899	STB		
TOTAL FLUID :	2.0899	STB		
			TOTAL FLOW TIME:	90.0000 min.
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	33.4389 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2060.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	628.00	709.00
INITIAL SHUT-IN	60.00		1230.00
FINAL FLOW	60.00	691.00	742.00
FINAL SHUT-IN	45.00		1214.00

FINAL HYDROSTATIC PRESSURE: 2049.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2061.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	628.50	709.90
INITIAL SHUT-IN	60.00		1230.30
FINAL FLOW	60.00	691.20	742.60
FINAL SHUT-IN	45.00		1214.60

FINAL HYDROSTATIC PRESSURE: 2049.30

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 7/30/96	TICKET : 22111
CUSTOMER : J W GIBSON	LEASE : STATE
WELL : #1-15	GEOLOGIST: SCHWARTZ
ELEVATION: 4109 KB	FORMATION: MARMATON
SECTION : 15	TOWNSHIP : 19S
RANGE : 47W	STATE : CO
GAUGE SN#: 30171	CLOCK : 12
TEST: 1	
COUNTY: KIOWA	
RANGE : 5000	

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	1.500	26 PSIG	2319000 SCF/D
20 MIN	MERLA	1.500	30 PSIG	2558000 SCF/D
30 MIN	MERLA	1.500	31 PSIG	2619000 SCF/D
		0.000	CLEAN GAS NO	0 SCF/D
		0.000	MIST OF	0 SCF/D
		0.000	FLUID	0 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	1.500	30 PSIG	2558000 SCF/D
20 MIN	MERLA	1.500	37 PSIG	2976000 SCF/D
30 MIN	MERLA	1.500	35 PSIG	2858000 SCF/D
40 MIN	MERLA	1.500	36 PSIG	2916000 SCF/D
50 MIN	MERLA	1.500	37 PSIG	2976000 SCF/D
60 MIN	MERLA	1.500	37 PSIG	2976000 SCF/D

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

DATE: 07/30/96

TIME: 19:20:30

	Time	Pressure PSI	delta P PSI	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	128.00	2061.0	0.0	114.10		
***** Start Flow 1	0.00	628.5	0.0	115.85		
	0.50	629.2	0.7	116.02		
	1.00	633.8	5.2	116.26		
	1.50	638.9	10.4	116.56		
	2.00	641.0	12.4	116.90		
	2.50	644.5	16.0	117.30		
	3.00	649.7	21.2	117.73		
	3.50	649.5	21.0	118.19		
	4.00	652.2	23.7	118.67		
	4.50	654.1	25.6	119.13		
	5.00	657.6	29.1	119.60		
	5.50	660.3	31.8	120.07		
	6.00	663.0	34.5	120.51		
	6.50	666.2	37.7	120.94		
	7.00	668.0	39.5	121.34		
	7.50	670.0	41.5	121.71		
	8.00	671.5	43.0	122.05		
	8.50	673.8	45.3	122.35		
	9.00	675.0	46.4	122.63		
	9.50	676.9	48.4	122.89		
	10.00	678.3	49.7	123.12		
	10.50	679.3	50.8	123.34		
	11.00	682.2	53.7	123.54		
	11.50	682.4	53.9	123.71		
	12.00	683.3	54.8	123.89		
	12.50	685.3	56.8	124.05		
	13.00	687.3	58.8	124.19		
	13.50	689.8	61.2	124.33		
	14.00	688.5	60.0	124.43		
	14.50	690.2	61.7	124.56		
	15.00	691.1	62.6	124.64		
	15.50	694.4	65.9	124.72		
	16.00	692.5	63.9	124.80		
	16.50	707.4	78.8	124.88		
	17.00	696.3	67.8	124.96		
	17.50	696.0	67.5	125.01		
	18.00	696.6	68.1	125.01		
	18.50	697.5	69.0	125.07		
	19.00	698.4	69.9	125.14		
	19.50	698.5	70.0	125.22		
	20.00	700.1	71.6	125.30		
	20.50	701.1	72.5	125.37		
	21.00	702.1	73.6	125.41		
	21.50	701.6	73.1	125.45		
	22.00	703.2	74.6	125.50		
	22.50	703.4	74.9	125.53		
	23.00	705.0	76.5	125.55		
	23.50	706.4	77.9	125.59		
	24.00	706.5	78.0	125.62		
	24.50	706.6	78.0	125.66		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

DATE: 07/30/96

TIME: 19:20:30

	Time	Pressure PSI	delta P PSI	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	707.0	78.5	125.68		
	25.50	706.6	78.0	125.73		
	26.00	706.9	78.4	125.76		
	26.50	708.4	79.8	125.81		
	27.00	708.7	80.2	125.85		
	27.50	711.9	83.4	125.90		
	28.00	707.6	79.1	125.94		
	28.50	709.1	80.6	125.98		
***** End Flow 1	29.00	709.9	81.4	126.00		
***** Start Shutin 1	0.00	709.9	0.0	126.00	0.0000	0.504
	0.50	1206.5	496.7	126.03	59.0000	1.456
	1.00	1213.6	503.7	126.04	30.0000	1.473
	1.50	1216.5	506.6	126.04	20.3333	1.480
	2.00	1218.3	508.4	126.04	15.5000	1.484
	2.50	1219.6	509.7	126.05	12.6000	1.487
	3.00	1220.6	510.7	126.06	10.6667	1.490
	3.50	1221.4	511.6	126.07	9.2857	1.492
	4.00	1222.1	512.3	126.08	8.2500	1.494
	4.50	1222.7	512.9	126.09	7.4444	1.495
	5.00	1223.2	513.4	126.10	6.8000	1.496
	5.50	1223.7	513.9	126.11	6.2727	1.498
	6.00	1224.1	514.2	126.12	5.8333	1.498
	6.50	1224.5	514.6	126.12	5.4615	1.499
	7.00	1224.8	515.0	126.12	5.1429	1.500
	7.50	1225.1	515.2	126.12	4.8667	1.501
	8.00	1225.4	515.5	126.11	4.6250	1.502
	8.50	1225.6	515.8	126.10	4.4118	1.502
	9.00	1225.8	516.0	126.08	4.2222	1.503
	9.50	1226.1	516.2	126.07	4.0526	1.503
	10.00	1226.3	516.4	126.04	3.9000	1.504
	10.50	1226.4	516.6	126.02	3.7619	1.504
	11.00	1226.6	516.7	126.00	3.6364	1.505
	11.50	1226.8	516.9	125.98	3.5217	1.505
	12.00	1226.9	517.0	125.95	3.4167	1.505
	12.50	1227.0	517.2	125.92	3.3200	1.506
	13.00	1227.2	517.3	125.88	3.2308	1.506
	13.50	1227.3	517.4	125.86	3.1481	1.506
	14.00	1227.4	517.5	125.85	3.0714	1.506
	14.50	1227.5	517.7	125.81	3.0000	1.507
	15.00	1227.6	517.8	125.78	2.9333	1.507
	15.50	1227.7	517.8	125.75	2.8710	1.507
	16.00	1227.8	517.9	125.73	2.8125	1.508
	16.50	1227.9	518.0	125.70	2.7576	1.508
	17.00	1228.0	518.1	125.67	2.7059	1.508
	17.50	1228.1	518.2	125.65	2.6571	1.508
	18.00	1228.1	518.3	125.63	2.6111	1.508
	18.50	1228.2	518.3	125.61	2.5676	1.509
	19.00	1228.3	518.4	125.60	2.5263	1.509
	19.50	1228.4	518.5	125.57	2.4872	1.509
	20.00	1228.4	518.5	125.55	2.4500	1.509
	20.50	1228.5	518.6	125.54	2.4146	1.509

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

DATE: 07/30/96 TIME: 19:20:30

Time	Pressure PSI	delta P PSI	Temp. DEG F	(T+dT)/dT	P^2/10^6
21.00	1228.5	518.6	125.52	2.3810	1.509
21.50	1228.6	518.7	125.50	2.3488	1.509
22.00	1228.7	518.8	125.48	2.3182	1.510
22.50	1228.7	518.8	125.46	2.2889	1.510
23.00	1228.7	518.9	125.45	2.2609	1.510
23.50	1228.8	518.9	125.44	2.2340	1.510
24.00	1228.8	518.9	125.42	2.2083	1.510
24.50	1228.8	519.0	125.39	2.1837	1.510
25.00	1228.9	519.0	125.37	2.1600	1.510
25.50	1229.0	519.1	125.36	2.1373	1.510
26.00	1229.0	519.1	125.34	2.1154	1.510
26.50	1229.0	519.2	125.33	2.0943	1.511
27.00	1229.1	519.2	125.31	2.0741	1.511
27.50	1229.1	519.2	125.30	2.0545	1.511
28.00	1229.1	519.3	125.28	2.0357	1.511
28.50	1229.2	519.3	125.26	2.0175	1.511
29.00	1229.2	519.3	125.25	2.0000	1.511
29.50	1229.2	519.3	125.22	1.9831	1.511
30.00	1229.3	519.4	125.20	1.9667	1.511
30.50	1229.3	519.4	125.20	1.9508	1.511
31.00	1229.3	519.5	125.19	1.9355	1.511
31.50	1229.4	519.5	125.17	1.9206	1.511
32.00	1229.4	519.5	125.15	1.9062	1.511
32.50	1229.4	519.5	125.15	1.8923	1.511
33.00	1229.4	519.6	125.12	1.8788	1.512
33.50	1229.5	519.6	125.11	1.8657	1.512
34.00	1229.5	519.6	125.10	1.8529	1.512
34.50	1229.5	519.6	125.09	1.8406	1.512
35.00	1229.5	519.7	125.08	1.8286	1.512
35.50	1229.5	519.7	125.05	1.8169	1.512
36.00	1229.6	519.7	125.03	1.8056	1.512
36.50	1229.6	519.7	125.01	1.7945	1.512
37.00	1229.6	519.8	125.01	1.7838	1.512
37.50	1229.6	519.8	125.01	1.7733	1.512
38.00	1229.7	519.8	125.01	1.7632	1.512
38.50	1229.7	519.9	125.01	1.7532	1.512
39.00	1229.7	519.9	125.00	1.7436	1.512
39.50	1229.7	519.9	124.96	1.7342	1.512
40.00	1229.8	519.9	124.94	1.7250	1.512
40.50	1229.8	519.9	124.92	1.7160	1.512
41.00	1229.8	519.9	124.91	1.7073	1.512
41.50	1229.8	520.0	124.89	1.6988	1.513
42.00	1229.8	520.0	124.89	1.6905	1.513
42.50	1229.8	520.0	124.88	1.6824	1.512
43.00	1229.9	520.0	124.86	1.6744	1.513
43.50	1229.9	520.0	124.88	1.6667	1.513
44.00	1229.9	520.1	124.86	1.6591	1.513
44.50	1229.9	520.1	124.87	1.6517	1.513
45.00	1229.9	520.1	124.86	1.6444	1.513
45.50	1229.9	520.1	124.85	1.6374	1.513
46.00	1230.0	520.1	124.84	1.6304	1.513

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

DATE: 07/30/96 TIME: 19:20:30

	Time	Pressure PSI	delta P PSI	Temp. DEG F	(T+dT)/dT	P^2/10^6
	46.50	1230.0	520.1	124.84	1.6237	1.513
	47.00	1230.0	520.1	124.83	1.6170	1.513
	47.50	1230.0	520.1	124.82	1.6105	1.513
	48.00	1230.0	520.2	124.81	1.6042	1.513
	48.50	1230.0	520.2	124.80	1.5979	1.513
	49.00	1230.1	520.2	124.80	1.5918	1.513
	49.50	1230.1	520.2	124.79	1.5859	1.513
	50.00	1230.1	520.2	124.78	1.5800	1.513
	50.50	1230.1	520.3	124.79	1.5743	1.513
	51.00	1230.1	520.3	124.78	1.5686	1.513
	51.50	1230.1	520.3	124.78	1.5631	1.513
	52.00	1230.1	520.3	124.76	1.5577	1.513
	52.50	1230.1	520.3	124.76	1.5524	1.513
	53.00	1230.2	520.3	124.76	1.5472	1.513
	53.50	1230.2	520.3	124.76	1.5421	1.513
	54.00	1230.2	520.3	124.74	1.5370	1.513
	54.50	1230.2	520.4	124.75	1.5321	1.513
	55.00	1230.2	520.4	124.76	1.5273	1.513
	55.50	1230.2	520.4	124.75	1.5225	1.513
	56.00	1230.2	520.4	124.75	1.5179	1.513
	56.50	1230.2	520.4	124.74	1.5133	1.513
	57.00	1230.3	520.4	124.74	1.5088	1.514
	57.50	1230.3	520.4	124.75	1.5043	1.514
	58.00	1230.3	520.4	124.74	1.5000	1.514
	58.50	1230.3	520.4	124.74	1.4957	1.514
	59.00	1230.3	520.5	124.75	1.4915	1.514
	59.50	1230.3	520.5	124.74	1.4874	1.514
***** End Shut-in 1	60.00	1230.3	520.5	124.75	1.4833	1.514
***** Start Flow 2	0.00	691.2	0.0	125.01		
	0.50	691.9	0.8	125.13		
	1.00	696.4	5.2	125.24		
	1.50	700.1	8.9	125.33		
	2.00	706.7	15.5	125.40		
	2.50	706.4	15.3	125.47		
	3.00	708.5	17.4	125.52		
	3.50	713.1	22.0	125.57		
	4.00	717.9	26.7	125.61		
	4.50	721.2	30.1	125.64		
	5.00	726.1	35.0	125.67		
	5.50	729.7	38.6	125.70		
	6.00	732.9	41.8	125.70		
	6.50	735.2	44.1	125.72		
	7.00	738.9	47.8	125.74		
	7.50	739.7	48.6	125.74		
	8.00	741.6	50.4	125.75		
	8.50	743.5	52.3	125.76		
	9.00	744.7	53.5	125.77		
	9.50	744.9	53.8	125.78		
	10.00	744.7	53.6	125.80		
	10.50	745.7	54.5	125.81		
	11.00	744.3	53.2	125.84		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

DATE: 07/30/96

TIME: 19:20:30

Time	Pressure PSI	delta P PSI	Temp. DEG F	(T+dT)/dT	P^2/10^6
11.50	744.2	53.0	125.86		
12.00	743.8	52.7	125.88		
12.50	743.1	52.0	125.89		
13.00	742.5	51.4	125.91		
13.50	742.3	51.1	125.94		
14.00	740.6	49.5	125.97		
14.50	739.5	48.3	126.00		
15.00	739.1	48.0	126.02		
15.50	738.2	47.1	126.05		
16.00	737.5	46.4	126.08		
16.50	736.4	45.2	126.10		
17.00	736.0	44.9	126.14		
17.50	735.7	44.5	126.16		
18.00	735.4	44.2	126.20		
18.50	735.5	44.3	126.21		
19.00	734.6	43.5	126.24		
19.50	734.0	42.8	126.27		
20.00	734.6	43.4	126.29		
20.50	734.6	43.5	126.29		
21.00	734.1	42.9	126.31		
21.50	734.1	43.0	126.34		
22.00	734.8	43.7	126.35		
22.50	735.0	43.9	126.36		
23.00	735.1	43.9	126.38		
23.50	735.1	43.9	126.39		
24.00	735.1	43.9	126.40		
24.50	735.9	44.7	126.40		
25.00	735.9	44.8	126.40		
25.50	735.2	44.0	126.42		
26.00	735.1	44.0	126.43		
26.50	735.4	44.3	126.46		
27.00	737.0	45.8	126.48		
27.50	737.6	46.5	126.49		
28.00	738.4	47.2	126.50		
28.50	738.6	47.5	126.53		
29.00	740.9	49.7	126.54		
29.50	741.2	50.1	126.57		
30.00	741.0	49.8	126.58		
30.50	742.4	51.2	126.60		
31.00	744.5	53.3	126.63		
31.50	742.5	51.4	126.65		
32.00	742.7	51.5	126.67		
32.50	742.5	51.3	126.69		
33.00	742.9	51.8	126.71		
33.50	742.8	51.7	126.72		
34.00	743.3	52.1	126.74		
34.50	742.7	51.5	126.76		
35.00	742.7	51.5	126.79		
35.50	742.1	51.0	126.80		
36.00	742.4	51.3	126.81		
36.50	742.1	50.9	126.84		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

DATE: 07/30/96 TIME: 19:20:30

Time	Pressure PSI	delta P PSI	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶	
37.00	743.1	51.9	126.84			
37.50	742.4	51.2	126.85			
38.00	742.8	51.6	126.87			
38.50	743.7	52.5	126.86			
39.00	743.4	52.3	126.87			
39.50	743.8	52.6	126.88			
40.00	743.4	52.2	126.89			
40.50	743.6	52.5	126.89			
41.00	743.6	52.5	126.91			
41.50	743.5	52.4	126.92			
42.00	743.5	52.3	126.92			
42.50	743.9	52.7	126.93			
43.00	743.5	52.4	126.95			
43.50	743.9	52.7	126.94			
44.00	744.0	52.9	126.94			
44.50	743.9	52.7	126.95			
45.00	744.1	52.9	126.96			
45.50	744.2	53.0	126.97			
46.00	743.7	52.5	126.99			
46.50	744.3	53.2	127.00			
47.00	744.7	53.5	127.01			
47.50	744.4	53.3	127.02			
48.00	744.8	53.6	127.01			
48.50	743.8	52.7	127.03			
49.00	743.8	52.6	127.04			
49.50	744.1	53.0	127.05			
50.00	744.1	52.9	127.06			
50.50	744.3	53.1	127.07			
51.00	744.1	52.9	127.09			
51.50	744.3	53.2	127.10			
52.00	743.5	52.3	127.12			
52.50	744.1	53.0	127.12			
53.00	743.5	52.3	127.12			
53.50	743.4	52.2	127.14			
54.00	743.2	52.0	127.14			
54.50	742.9	51.8	127.15			
55.00	742.7	51.5	127.16			
55.50	743.0	51.9	127.17			
56.00	742.4	51.2	127.17			
56.50	742.8	51.7	127.18			
57.00	742.6	51.5	127.19			
***** End Flow 2						
***** Start Shutin 2	0.00	742.6	0.0	127.19	0.0000	0.551
	0.50	1164.2	421.6	127.24	173.0000	1.355
	1.00	1191.4	448.8	127.19	87.0000	1.419
	1.50	1196.1	453.5	127.20	58.3333	1.431
	2.00	1198.6	456.0	127.20	44.0000	1.437
	2.50	1200.4	457.8	127.20	35.4000	1.441
	3.00	1201.8	459.1	127.20	29.6667	1.444
	3.50	1202.9	460.2	127.19	25.5714	1.447
	4.00	1203.8	461.1	127.17	22.5000	1.449
	4.50	1204.5	461.9	127.13	20.1111	1.451

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

DATE: 07/30/96

TIME: 19:20:30

Time	Pressure PSI	delta P PSI	Temp. DEG F	(T+dT)/dT	P^2/10^6
5.00	1205.2	462.6	127.12	18.2000	1.453
5.50	1205.8	463.2	127.07	16.6364	1.454
6.00	1206.3	463.7	127.01	15.3333	1.455
6.50	1206.8	464.2	126.94	14.2308	1.456
7.00	1207.2	464.6	126.87	13.2857	1.457
7.50	1207.6	465.0	126.79	12.4667	1.458
8.00	1208.0	465.3	126.70	11.7500	1.459
8.50	1208.3	465.7	126.61	11.1176	1.460
9.00	1208.6	466.0	126.52	10.5556	1.461
9.50	1208.9	466.3	126.41	10.0526	1.461
10.00	1209.1	466.5	126.31	9.6000	1.462
10.50	1209.4	466.7	126.21	9.1905	1.463
11.00	1209.6	467.0	126.11	8.8182	1.463
11.50	1209.8	467.2	126.00	8.4783	1.464
12.00	1210.0	467.4	125.91	8.1667	1.464
12.50	1210.2	467.5	125.81	7.8800	1.465
13.00	1210.3	467.7	125.71	7.6154	1.465
13.50	1210.5	467.9	125.63	7.3704	1.465
14.00	1210.7	468.0	125.55	7.1429	1.466
14.50	1210.8	468.2	125.48	6.9310	1.466
15.00	1210.9	468.3	125.40	6.7333	1.466
15.50	1211.1	468.5	125.33	6.5484	1.467
16.00	1211.2	468.6	125.27	6.3750	1.467
16.50	1211.4	468.7	125.20	6.2121	1.467
17.00	1211.5	468.8	125.15	6.0588	1.468
17.50	1211.5	468.9	125.09	5.9143	1.468
18.00	1211.7	469.1	125.02	5.7778	1.468
18.50	1211.8	469.1	125.01	5.6486	1.468
19.00	1211.9	469.3	124.99	5.5263	1.469
19.50	1212.0	469.4	124.97	5.4103	1.469
20.00	1212.0	469.4	124.91	5.3000	1.469
20.50	1212.2	469.6	124.88	5.1951	1.469
21.00	1212.2	469.6	124.85	5.0952	1.469
21.50	1212.3	469.7	124.82	5.0000	1.470
22.00	1212.4	469.8	124.79	4.9091	1.470
22.50	1212.5	469.9	124.75	4.8222	1.470
23.00	1212.5	469.9	124.74	4.7391	1.470
23.50	1212.6	470.0	124.72	4.6596	1.470
24.00	1212.7	470.1	124.70	4.5833	1.471
24.50	1212.7	470.1	124.68	4.5102	1.471
25.00	1212.8	470.2	124.68	4.4400	1.471
25.50	1212.9	470.3	124.66	4.3725	1.471
26.00	1212.9	470.3	124.65	4.3077	1.471
26.50	1213.0	470.4	124.63	4.2453	1.471
27.00	1213.1	470.4	124.62	4.1852	1.472
27.50	1213.1	470.5	124.62	4.1273	1.472
28.00	1213.2	470.5	124.61	4.0714	1.472
28.50	1213.2	470.6	124.60	4.0175	1.472
29.00	1213.3	470.7	124.59	3.9655	1.472
29.50	1213.3	470.7	124.59	3.9153	1.472
30.00	1213.4	470.8	124.58	3.8667	1.472

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

DATE: 07/30/96

TIME: 19:20:30

Time	Pressure PSI	delta P PSI	Temp. DEG F	(T+dT)/dT	P^2/10^6
30.50	1213.5	470.8	124.58	3.8197	1.472
31.00	1213.5	470.9	124.57	3.7742	1.473
31.50	1213.5	470.9	124.56	3.7302	1.473
32.00	1213.6	470.9	124.56	3.6875	1.473
32.50	1213.6	471.0	124.54	3.6462	1.473
33.00	1213.7	471.0	124.52	3.6061	1.473
33.50	1213.7	471.1	124.51	3.5672	1.473
34.00	1213.8	471.1	124.49	3.5294	1.473
34.50	1213.8	471.2	124.48	3.4928	1.473
35.00	1213.8	471.2	124.46	3.4571	1.473
35.50	1213.9	471.3	124.45	3.4225	1.474
36.00	1213.9	471.3	124.44	3.3889	1.474
36.50	1214.0	471.3	124.43	3.3562	1.474
37.00	1214.0	471.4	124.42	3.3243	1.474
37.50	1214.0	471.4	124.42	3.2933	1.474
38.00	1214.0	471.4	124.39	3.2632	1.474
38.50	1214.1	471.5	124.37	3.2338	1.474
39.00	1214.2	471.5	124.35	3.2051	1.474
39.50	1214.2	471.5	124.33	3.1772	1.474
40.00	1214.2	471.6	124.33	3.1500	1.474
40.50	1214.3	471.6	124.31	3.1235	1.474
41.00	1214.3	471.7	124.29	3.0976	1.475
41.50	1214.3	471.7	124.27	3.0723	1.475
42.00	1214.4	471.7	124.25	3.0476	1.475
42.50	1214.4	471.7	124.25	3.0235	1.475
43.00	1214.4	471.8	124.24	3.0000	1.475
43.50	1214.4	471.8	124.22	2.9770	1.475
44.00	1214.5	471.8	124.22	2.9545	1.475
44.50	1214.5	471.9	124.21	2.9326	1.475
45.00	1214.5	471.9	124.21	2.9111	1.475
45.50	1214.6	471.9	124.19	2.8901	1.475
***** End Shut-in 2					
***** Final Hydro.	333.50	2049.3	0.0	125.10	

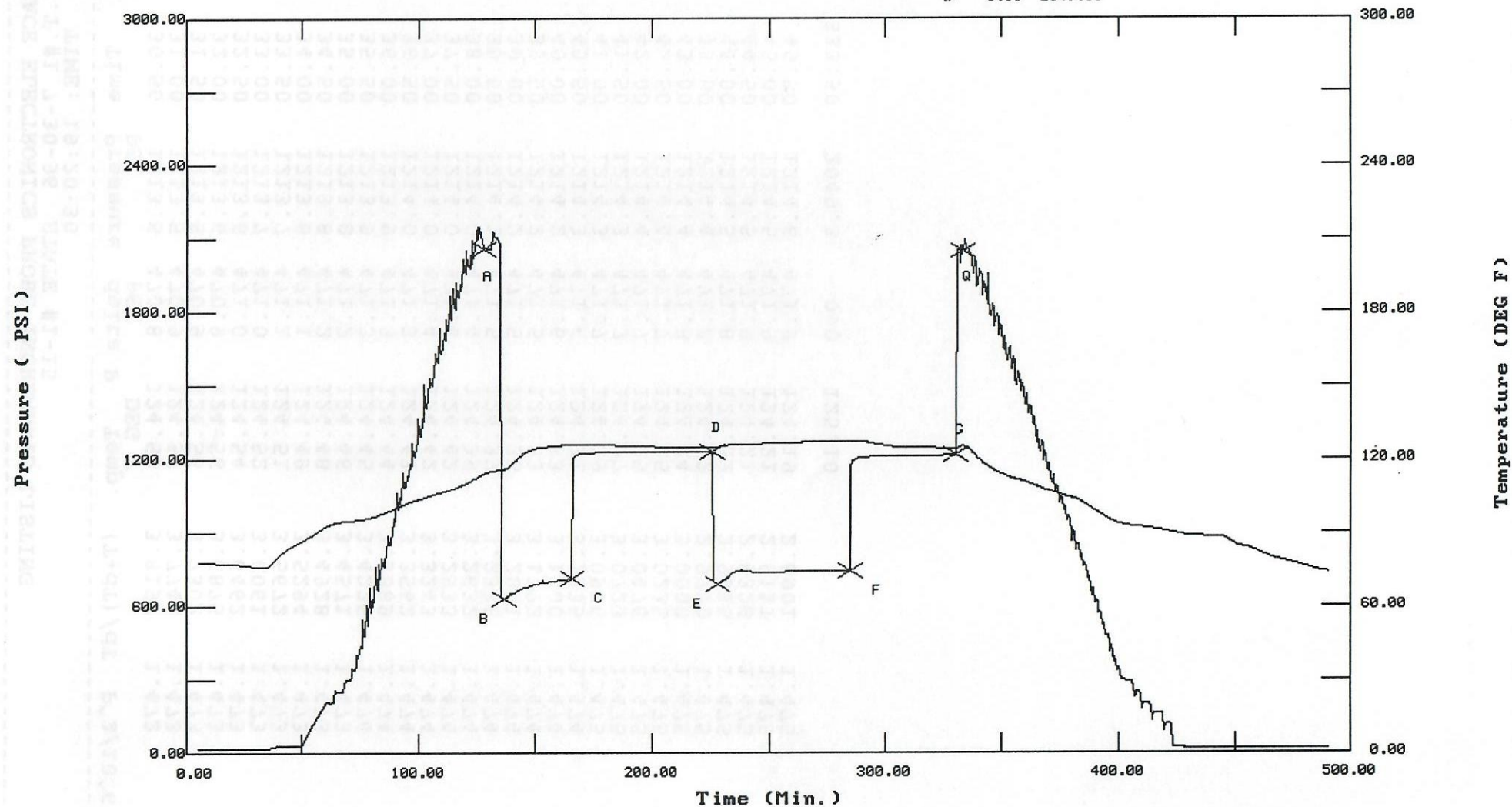
TEST HISTORY

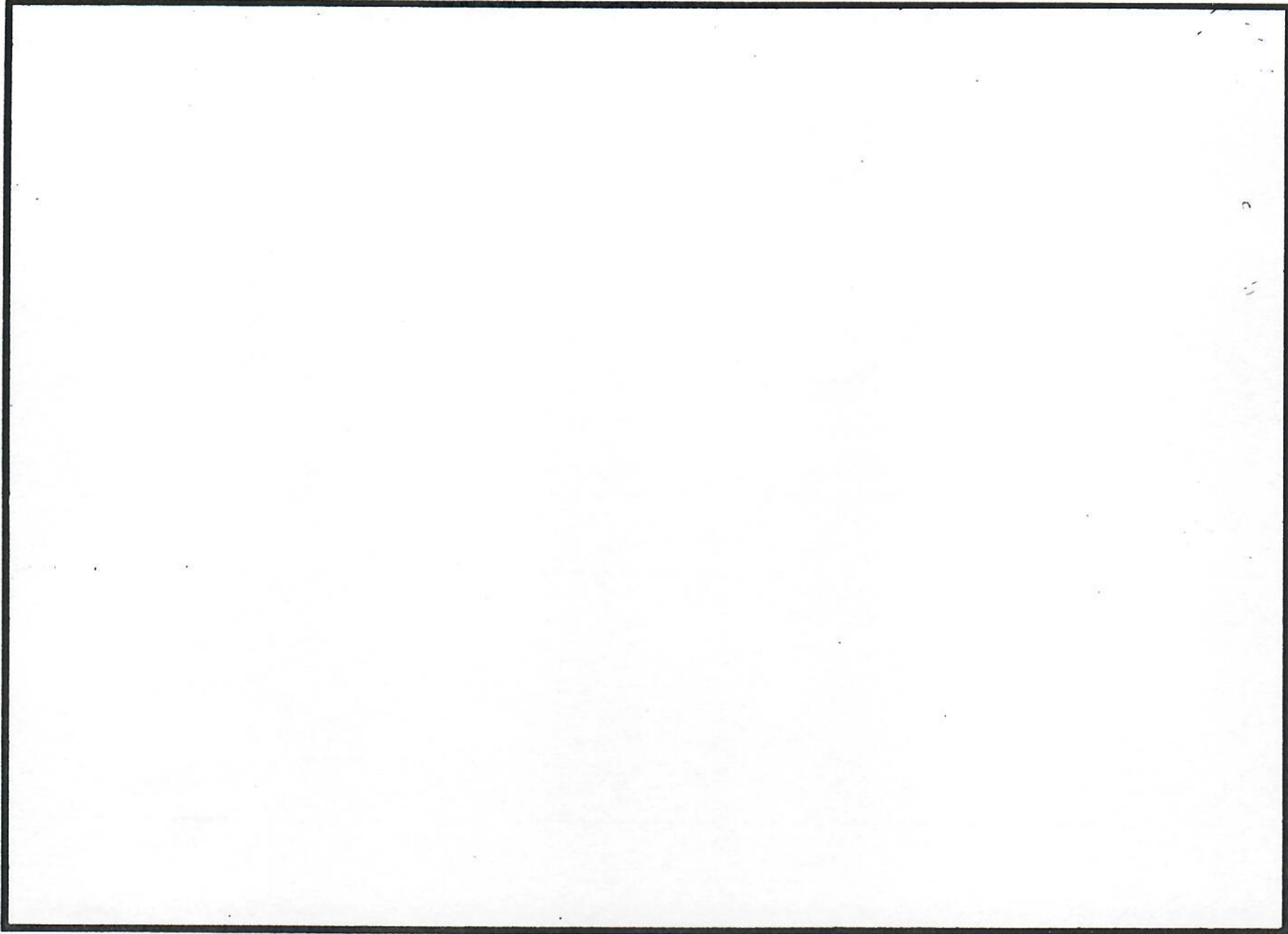
J.W. GIBSON D.S.T.#1 7-30-96 STATE #1-15

Flag Points

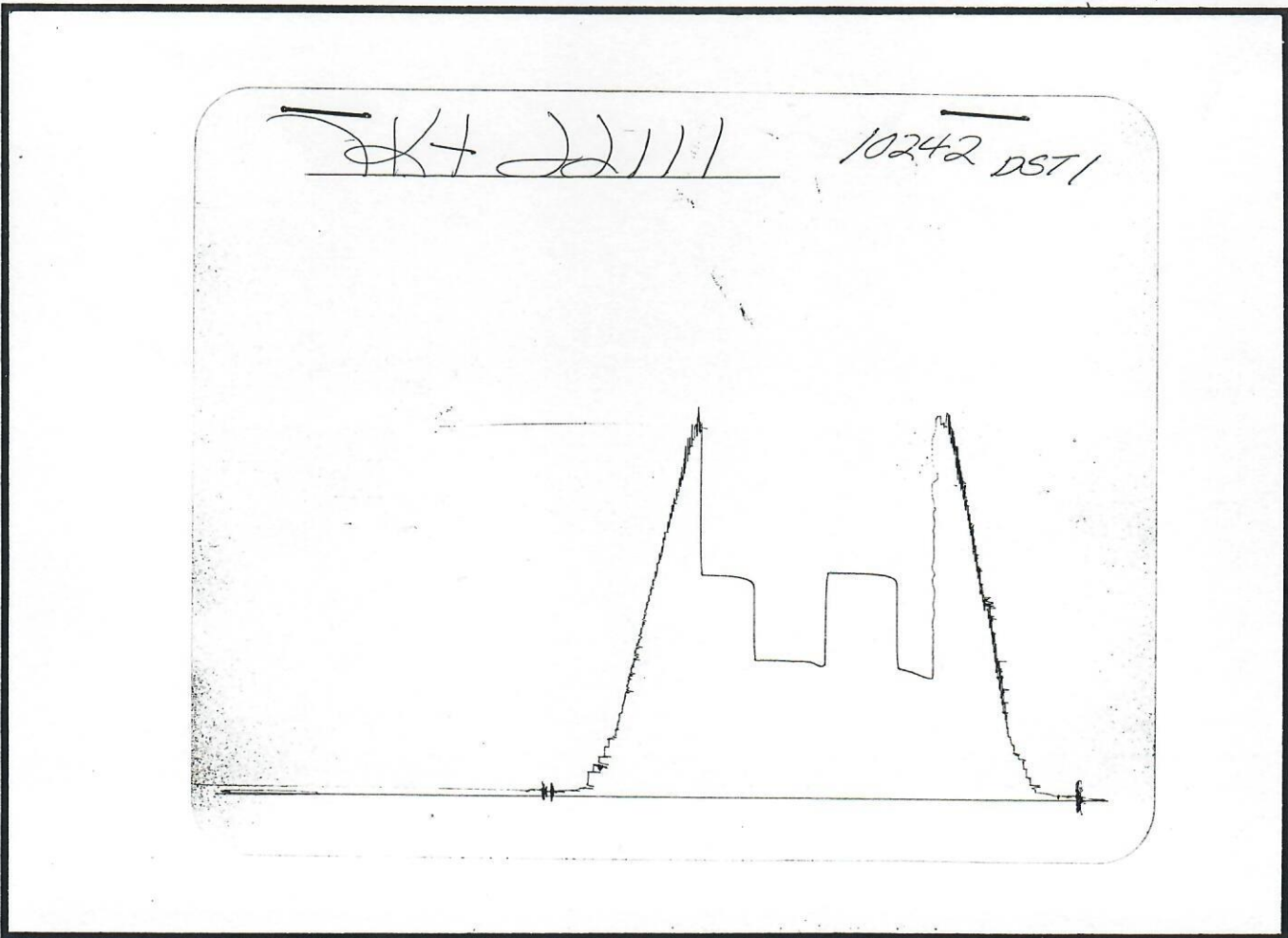
t(Min.) P(PSI)

A:	0.00	2060.98
B:	0.00	628.51
C:	29.00	709.87
D:	60.00	1230.32
E:	0.00	691.16
F:	57.00	742.63
G:	45.50	1214.57
Q:	0.00	2049.35





Inside Recorder

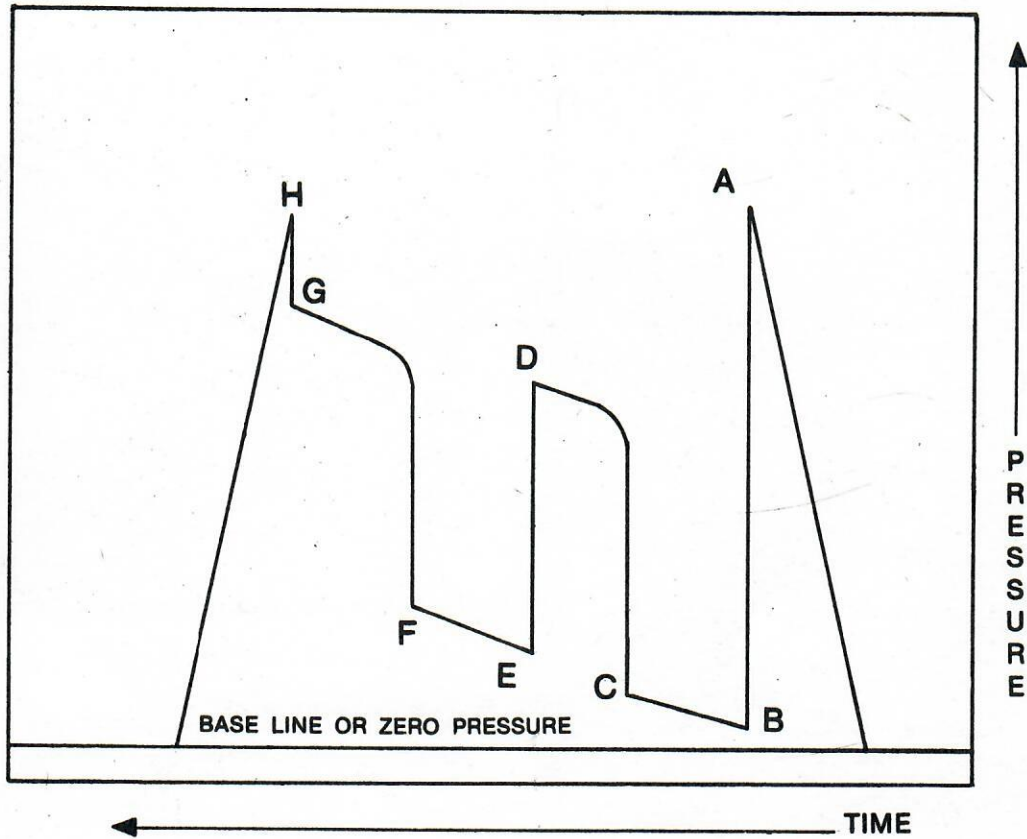


Outside Recorder

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

AK-1 Recorders



A - Initial Hydrostatic

B - First Initial Flow

C - First Final Flow

D - Initial Shut-In

E - Second Initial Flow

F - Second Final Flow

G - Final Shut-In

H - Final Hydrostatic