



30-015-34509

COMPANY : YATES ENERGY CORP.
LEASE : NORTH HESS FEDERAL "23"
WELL NO. : # 1
FIELD : S. MORROW EAST
COUNTY/STATE : EDDY / NEW MEXICO

TEST DATE : 01/15/06
D.S.T. NO. : 1
TEST TKT. NO. : 23462
INVOICE NO. : 21560
ORDER NO. :

FORMATION : BONE SPRINGS
INTERVAL (ft) : 2900 TO 2943
TOTAL DEPTH (ft): 2943
ELEVATION (ft) : 4117

HOLE SIZE (in) : 7.875
DRILL PIPE ID (in) : 3.64
DRILL COLLAR ID(in): 2.25
DRILL COLLAR feet : 778

ANCHOR LENGTH (ft): 43
TOOL LENGTH (ft) : 50
TOOL O.D. (in) : 5
PACKER SIZE (in) : 7.00

RECORDER DATA
AK-KUSTER / ZIPROBE

TOP RECORDER: IN
RECORDER NO. : 50014
CAPACITY (psi): 10000
DEPTH (ft) : 2906
CLOCK NO. : 50014
DURATION (hrs): 99

BOTTOM RECORDER: OUT
RECORDER NO. : 6232
CAPACITY (psi): 6975
DEPTH (ft) : 2940
CLOCK NO. : 18405
DURATION (hrs): 24

MUD PROPERTIES

MUD TYPE : FRESH WATER
MUD WT. (#/gal) : 8.40

WATER LOSS (cc) :
FILTER CAKE (in) :
VISCOSITY (sec) : 29

CHLORIDE PPM : 700
RESISTIVITY(ohm-m): 4.00

EQUIPMENT DATA

CONVENTIONAL : YES
STRADDLE : NO
SELECTIVE ZONE : NO
SAMPLE CHAMBER : YES
GAS ANALYSIS : NO

ROTARY JARS : YES
NO. OF PACKERS : 2
SAFETY JOINT : YES
CIRCULATING SUB : YES
REVERSED OUT : NO

MULTIFLOW : NO
MILEAGE : NO
OPERATOR TIME : YES
OTHER : YES
ZI ELECTRONICS (2)

SUCCESSFUL : NO

PACKER FAILURE : NO

TOOL PLUG : NO

DECIDED NOT TO TEST : NO

FAIL TO REACH BOTTOM : NO

TIME INTERVAL DATA (min)

TOOL OPENED : 4:30 PM

TOTAL TEST TIME: 900

INITIAL FLOW : 31
SECOND FLOW : 120
THIRD FLOW :

INITIAL SHUT-IN: 239
SECOND SHUT-IN : 510
THIRD SHUT IN :

TEST TOOL OPERATOR: TOMMY WILLIAMS

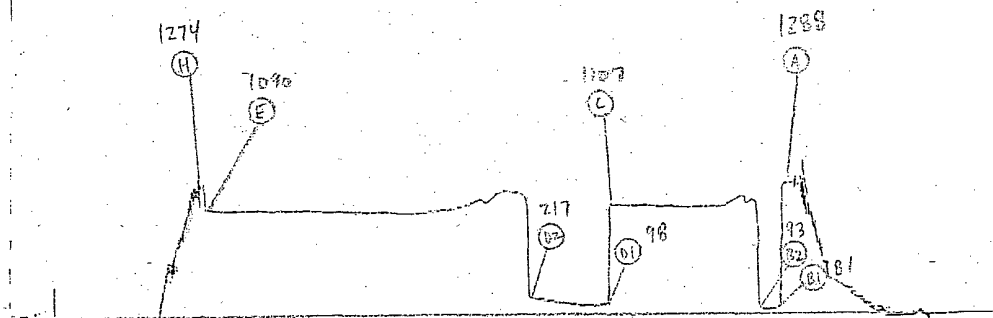
YATES ENERGY CORP.



NORTH HESS FEDERAL "23" # 1
D.S.T. NO. :1

		CORRECTED READING	FIELD READING
A	INITIAL HYDROSTATIC:	1278 PSI	1278 PSI
B-1	INITIAL FIRST FLOW :	36 PSI	36 PSI
B-2	FINAL FIRST FLOW :	83 PSI	83 PSI
C	FIRST SHUT-IN :	1096 PSI	1096 PSI
D-1	INITIAL SECOND FLOW:	88 PSI	88 PSI
D-2	FINAL SECOND FLOW :	207 PSI	207 PSI
E	SECOND SHUT-IN :	1066 PSI	1066 PSI
H	FINAL HYDROSTATIC :	1263 PSI	1268 PSI

TKT- 23462 REC- 6232 WT- 6975
AK-1 KUSTER 24 HB. CLOCH
BOTTOM RECORDED: OUTSIDE



PIPE RECOVERY

375 FT. OF PILL MUD

RECOVERY DATA

B.H. TEMP. (deg F) : 87

SAMPLE CHAMBER

150 LBS. OF PRESSURE
0.00 CU. FT. OF GAS
TRACE OF OIL
2000 CC'S OF PILL MUD

TEST REMARKS

TOOL OPENED WITH VERY WEAK BLOW (TOP OF WATER) WHICH BUILT TO (4" IN WATER) AT END OF 30 MIN. FIRST FLOW. REOPENED TOOL WITH NO BLOW FOR 20 MIN. WHICH THEN BUILT TO (TOP OF WATER) & CONTINUED INCREASING SLOWLY TO (1" IN WATER) AT END OF 120 MIN. FINAL FLOW PERIOD.

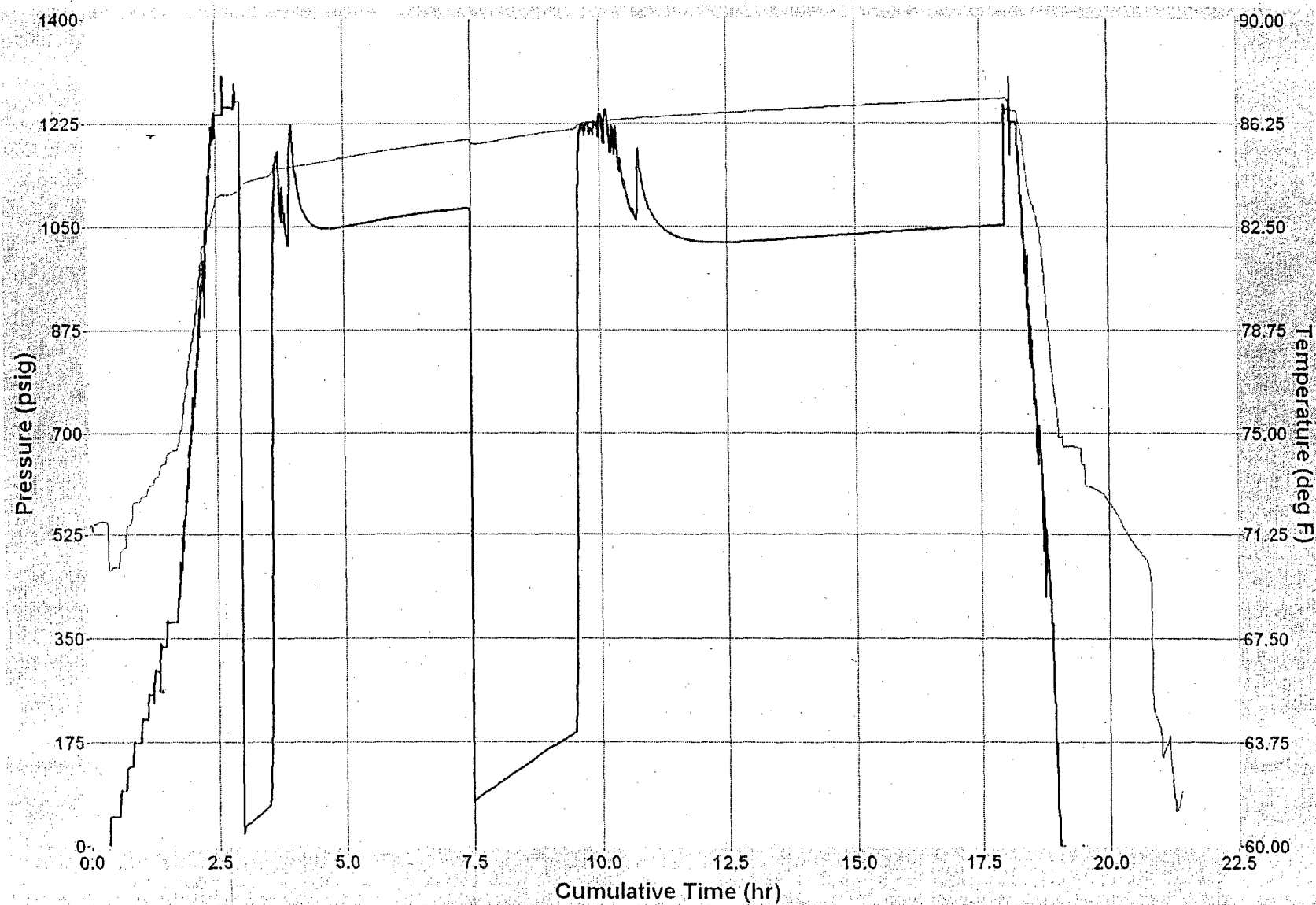
(CHARTS INDICATE HYDROSTATIC COMMUNICATION DURING BOTH SHUT-IN PERIODS)



Company Name YATES ENERGY CORPORATION
Well Name NORTH HESS FED. "23" #1
Type of Test DST #1 BONE SPRINGS
Date(s) of Test 1-15-2006 2900 - 2943 FT.



RIG TESTERS, INC. GAUGE # 50014

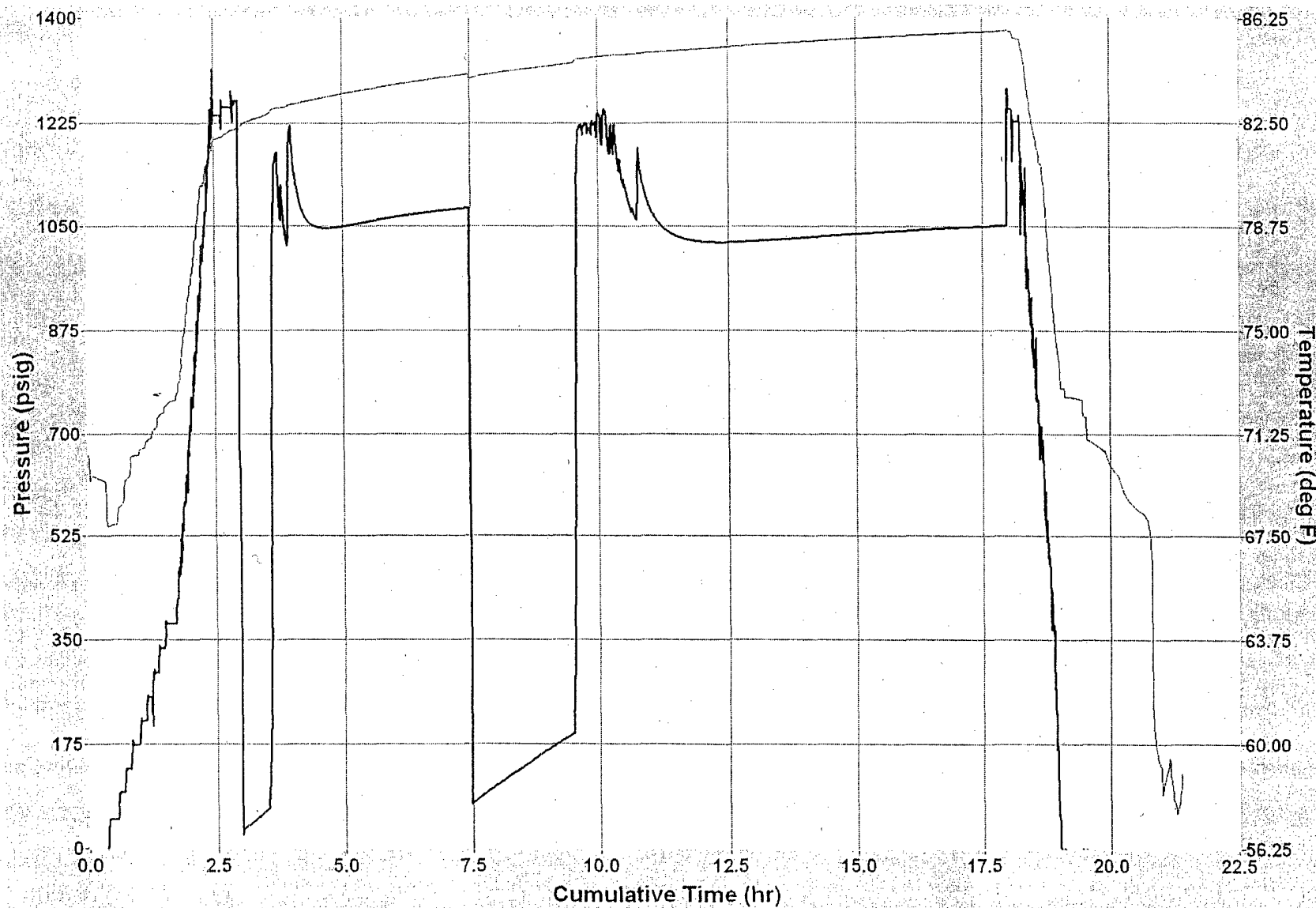




Company Name YATES ENERGY CORPORATION
Well Name NORTH HESS FED. "23" #1
Type of Test DST #1 BONE SPRINGS
Date(s) of Test 1-15-2006 2900 - 2943 FT.



RIG TESTERS, INC. GAUGE # 9628



INCREMENTAL PRESSURE DATA

RECORDER NO : 50014

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 2906 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
FIRST FLOW					
.0	.0			36.40	.00
2.0	2.0			47.82	11.42
4.0	4.0			50.08	13.68
6.0	6.0			52.10	15.70
8.0	8.0			53.91	17.51
10.0	10.0			55.78	19.38
12.0	12.0			57.90	21.50
14.0	14.0			60.33	23.93
16.0	16.0			62.98	26.58
18.0	18.0			65.60	29.20
20.0	20.0			68.13	31.73
22.0	22.0			70.77	34.37
24.0	24.0			72.80	36.40
26.0	26.0			75.52	39.12
28.0	28.0			78.17	41.77
30.0	30.0			81.00	44.60
31.3	31.3			83.90	47.50
FIRST SHUT-IN					
31.3	31.3	.00	.000	83.90	.00
33.3	31.3	2.00	16.630	144.96	61.06
35.3	31.3	4.00	8.815	344.17	260.27
37.3	31.3	6.00	6.210	881.90	798.00
39.3	31.3	8.00	4.908	1096.01	1012.11
41.3	31.3	10.00	4.126	1173.88	1089.98
43.3	31.3	12.00	3.605	1187.00	1103.10
45.3	31.3	14.00	3.233	1169.81	1085.91
47.3	31.3	16.00	2.954	1097.88	1013.98
49.3	31.3	18.00	2.737	1133.00	1049.10
51.3	31.3	20.00	2.563	1090.30	1006.40
54.3	31.3	23.00	2.359	1049.71	965.81
57.3	31.3	26.00	2.202	1105.84	1021.94
60.3	31.3	29.00	2.078	1232.47	1148.57
63.3	31.3	32.00	1.977	1179.73	1095.83
66.3	31.3	35.00	1.893	1146.65	1062.75
69.3	31.3	38.00	1.823	1118.74	1034.84
76.3	31.3	45.00	1.695	1085.20	1001.30
81.3	31.3	50.00	1.625	1073.76	989.86
86.3	31.3	55.00	1.568	1067.27	983.37
91.3	31.3	60.00	1.521	1063.80	979.90
96.3	31.3	65.00	1.481	1062.00	978.10
101.3	31.3	70.00	1.447	1061.40	977.50
106.3	31.3	75.00	1.417	1061.50	977.60
111.3	31.3	80.00	1.391	1062.01	978.11
116.3	31.3	85.00	1.368	1063.00	979.10



INCREMENTAL PRESSURE DATA

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FIRST SHUT-IN					
121.3	31.3	90.00	1.347	1064.00	980.10
131.3	31.3	100.00	1.313	1066.70	982.80
141.3	31.3	110.00	1.284	1069.60	985.70
151.3	31.3	120.00	1.261	1072.30	988.40
161.3	31.3	130.00	1.240	1075.10	991.20
171.3	31.3	140.00	1.223	1077.61	993.71
181.3	31.3	150.00	1.208	1080.10	996.20
191.3	31.3	160.00	1.195	1082.40	998.50
201.3	31.3	170.00	1.184	1084.60	1000.70
211.3	31.3	180.00	1.174	1086.50	1002.60
221.3	31.3	190.00	1.165	1088.50	1004.60
231.3	31.3	200.00	1.156	1090.30	1006.40
241.3	31.3	210.00	1.149	1091.90	1008.00
251.3	31.3	220.00	1.142	1093.50	1009.60
261.3	31.3	230.00	1.136	1095.01	1011.11
270.2	31.3	238.98	1.131	1096.20	1012.30
SECOND FLOW					
270.5	31.5			88.30	.00
280.5	41.5			100.08	11.78
290.5	51.5			110.92	22.62
300.5	61.5			120.90	32.60
310.5	71.5			130.58	42.28
320.5	81.5			140.81	52.51
330.5	91.5			150.10	61.80
340.5	101.5			160.18	71.88
350.5	111.5			170.42	82.12
360.5	121.5			180.10	91.80
370.5	131.5			189.28	100.98
380.5	141.5			198.31	110.01
390.7	151.7			207.40	119.10
SECOND SHUT-IN					
390.7	151.7	.00	.000	207.40	.00
392.7	151.7	2.00	76.870	346.84	139.44
394.7	151.7	4.00	38.935	711.75	504.35
396.7	151.7	6.00	26.290	1151.10	943.70
398.7	151.7	8.00	19.968	1230.95	1023.55
400.7	151.7	10.00	16.174	1235.85	1028.45
402.7	151.7	12.00	13.645	1232.50	1025.10
404.7	151.7	14.00	11.839	1236.25	1028.85
406.7	151.7	16.00	10.484	1240.22	1032.82

YATES ENERGY CORP.


 NORTH HESS FEDERAL "23" # 1
 D.S.T. NO. : 1

INCREMENTAL PRESSURE DATA

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RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 2906 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
		SECOND SHUT-IN			
408.7	151.7	18.00	9.430	1240.50	1033.10
410.7	151.7	20.00	8.587	1232.81	1025.41
413.7	151.7	23.00	7.597	1225.89	1018.49
416.7	151.7	26.00	6.836	1238.10	1030.70
419.7	151.7	29.00	6.232	1234.93	1027.53
422.7	151.7	32.00	5.742	1257.50	1050.10
425.7	151.7	35.00	5.335	1213.81	1006.41
428.7	151.7	38.00	4.993	1262.41	1055.01
435.7	151.7	45.00	4.372	1194.30	986.90
440.7	151.7	50.00	4.035	1235.31	1027.91
445.7	151.7	55.00	3.759	1162.71	955.31
450.7	151.7	60.00	3.529	1135.90	928.50
455.7	151.7	65.00	3.334	1112.89	905.49
460.7	151.7	70.00	3.168	1089.48	882.08
465.7	151.7	75.00	3.023	1077.20	869.80
470.7	151.7	80.00	2.897	1158.16	950.76
475.7	151.7	85.00	2.785	1120.91	913.51
480.7	151.7	90.00	2.686	1098.40	891.00
490.7	151.7	100.00	2.517	1072.44	865.04
500.7	151.7	110.00	2.379	1058.24	850.84
510.7	151.7	120.00	2.265	1049.60	842.20
520.7	151.7	130.00	2.167	1044.31	836.91
530.7	151.7	140.00	2.084	1041.01	833.61
540.7	151.7	150.00	2.012	1039.10	831.70
555.7	151.7	165.00	1.920	1037.90	830.50
570.7	151.7	180.00	1.843	1037.80	830.40
585.7	151.7	195.00	1.778	1038.60	831.20
600.7	151.7	210.00	1.723	1039.70	832.30
615.7	151.7	225.00	1.674	1041.00	833.60
630.7	151.7	240.00	1.632	1042.50	835.10
645.7	151.7	255.00	1.595	1044.10	836.70
660.7	151.7	270.00	1.562	1045.60	838.20
675.7	151.7	285.00	1.532	1047.30	839.90
690.7	151.7	300.00	1.506	1048.80	841.40
705.7	151.7	315.00	1.482	1050.40	843.00
720.7	151.7	330.00	1.460	1052.00	844.60
735.7	151.7	345.00	1.440	1053.50	846.10
750.7	151.7	360.00	1.422	1054.90	847.50
765.7	151.7	375.00	1.405	1056.30	848.90
780.7	151.7	390.00	1.389	1057.70	850.30
795.7	151.7	405.00	1.375	1059.00	851.60
810.7	151.7	420.00	1.361	1060.20	852.80



INCREMENTAL PRESSURE DATA

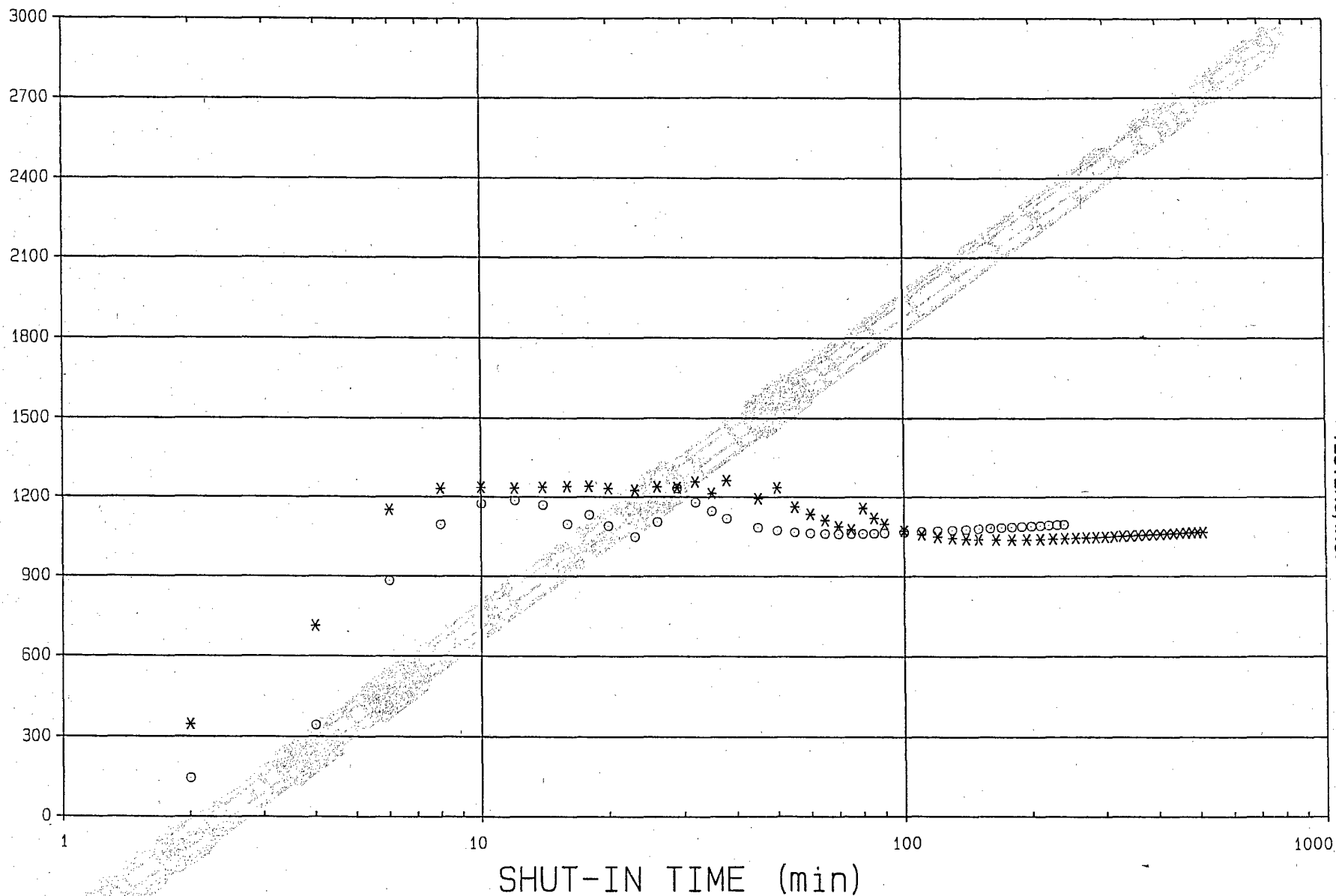
RECORDED DEPTH : 2906 ft

ELAPSED TIME MIN	TOTAL FLOW TIME, T MIN	INCREMENTAL SHUT-IN TIME, DT MIN	(T+DT)/DT (HORNER)	PRESSURE PSIG	DELTA P PSIG
SECOND SHUT-IN					
825.7	151.7	435.00	1.349	1061.40	854.00
840.7	151.7	450.00	1.337	1062.60	855.20
855.7	151.7	465.00	1.326	1063.70	856.30
870.7	151.7	480.00	1.316	1064.70	857.30
885.7	151.7	495.00	1.307	1065.80	858.40
900.2	151.7	509.52	1.298	1066.70	859.30

BOTH CHARTS INDICATE HYDROSTATIC COMMUNICATION DURING BOTH SHUT-IN PERIODS.

PRESSURE (psig)

PRESSURE TIME

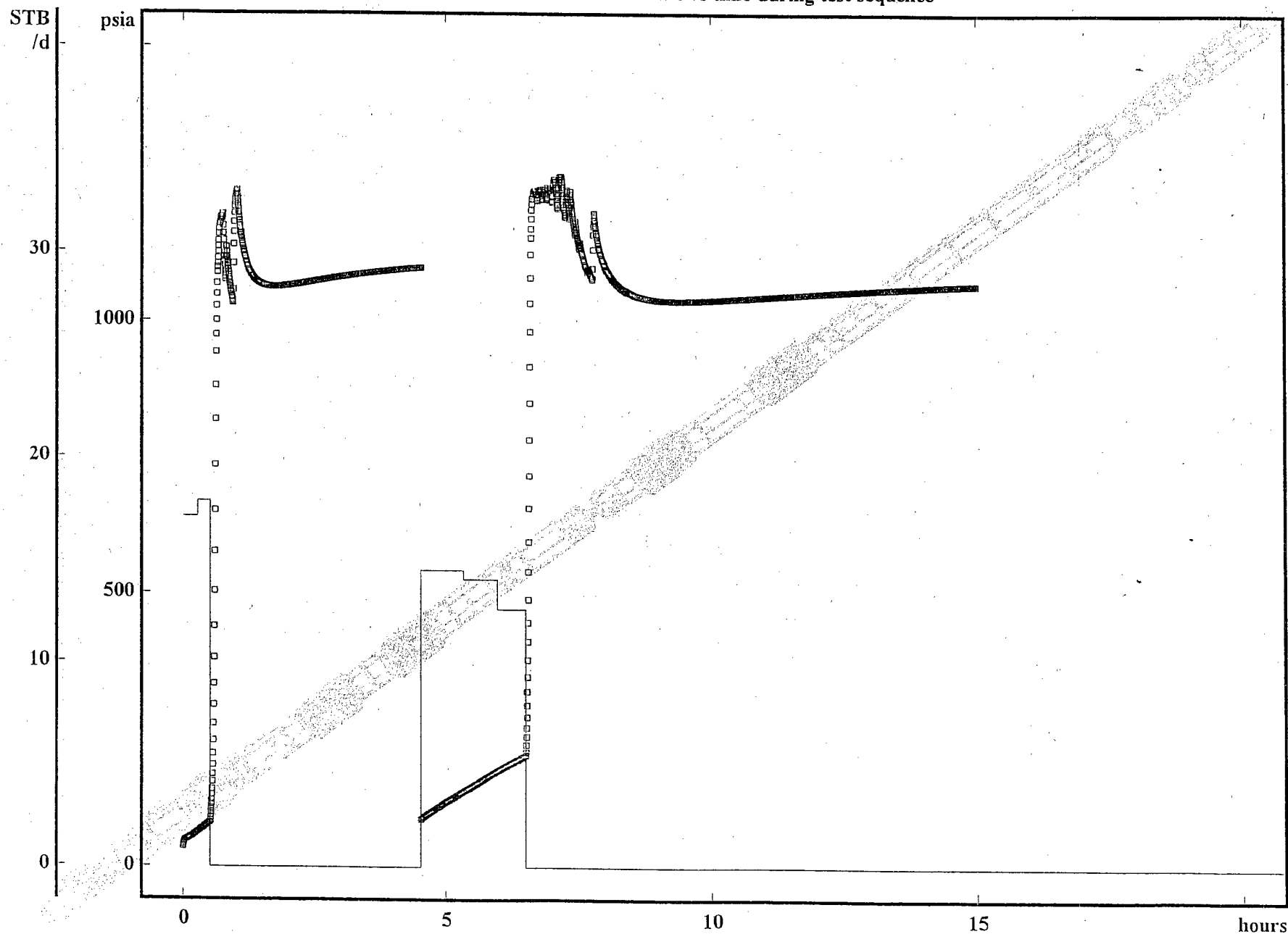


GATES ENERGY CORP.
NORTH HESS FEDERAL "23" # 1

○ FIRST SHUT-IN
* SECOND SHUT-IN

YATES ENERGY CORP. NORTH HESS FEDERAL "23" #1

Pressure and flow rate vs time during test sequence



DST #1 2900 - 2943 FT. BONE SPRINGS

