

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 : 02/13/06
D.S.T. NO. : 4
TEST TKT. NO. : 23454
INVOICE NO. : 21596
ORDER NO. :

RECEIVED

MAR 13 2006

OCU-ATTACHED

FORMATION : MORROW
INTERVAL (ft) : 9956 TO 10005
TOTAL DEPTH (ft) : 10005
ELEVATION (ft) : 4117
HOLE SIZE (in) : 7.875
DRILL PIPE ID (in) : 3.82
DRILL COLLAR ID (in) : 2.25
DRILL COLLAR feet : 809
ANCHOR LENGTH (ft) : 49
TOOL LENGTH (ft) : 53
TOOL O.D. (in) : 5
PACKER SIZE (in) : 7.00

RECORDER DATA
AK-1KUSTER / ZIPROBE

TOP RECORDER: IN
RECORDER NO. : 9634
CAPACITY (psi) : 10000
DEPTH (ft) : 9963
CLOCK NO. : 9634
DURATION (hrs) : 99

BOTTOM RECORDER: OUT
RECORDER NO. : 13709
CAPACITY (psi) : 8750
DEPTH (ft) : 10002
CLOCK NO. : 19463
DURATION (hrs) : 24

MUD PROPERTIES

MUD TYPE : CUT BRINE WATER
MUD WT. (#/gal) : 9.80
WATER LOSS (cc) : 6.40
FILTER CAKE (in) : 1/32
VISCOSITY (sec) : 40
CHLORIDE PPM : 48000
RESISTIVITY(ohm-m) : .080

EQUIPMENT DATA

CONVENTIONAL : YES
STRADDLE : NO
SELECTIVE ZONE : NO
SAMPLE CHAMBER : YES
GAS ANALYSIS : YES
ROTARY JARS : YES
NO. OF PACKERS : 2
SAFETY JOINT : YES
CIRCULATING SUB : YES
REVERSED OUT : NO
MULTIFLOW : YES
MILEAGE : NO
OPERATOR TIME : YES
OTHER : YES
ZI ELECTRONICS (2)
SUCCESSFUL : YES
PACKER FAILURE : NO
TOOL PLUG : NO

DECIDED NOT TO TEST : NO

FAIL TO REACH BOTTOM : NO

TIME INTERVAL DATA (min)

TOOL OPENED : 1:30 AM
INITIAL FLOW : 12
SECOND FLOW : 116
THIRD FLOW :

TOTAL TEST TIME: 747
INITIAL SHUT-IN: 120
SECOND SHUT-IN : 500
THIRD SHUT IN :

TEST TOOL OPERATOR: DON TERHUNE



YATES ENERGY CORP.

NORTH HESS FEDERAL "23" # 1
D.S.T. NO. :4

	CORRECTED READING	FIELD READING
A INITIAL HYDROSTATIC :	4964 PSI	4964 PSI
B-1 INITIAL FIRST FLOW :	73 PSI	72 PSI
B-2 FINAL FIRST FLOW :	109 PSI	109 PSI
C FIRST SHUT-IN :	3905 PSI	3905 PSI
D-1 INITIAL SECOND FLOW :	94 PSI	92 PSI
D-2 FINAL SECOND FLOW :	194 PSI	191 PSI
E SECOND SHUT-IN :	3881 PSI	3881 PSI
H FINAL HYDROSTATIC :	4963 PSI	4963 PSI

TKT- 23454

REC- 13709

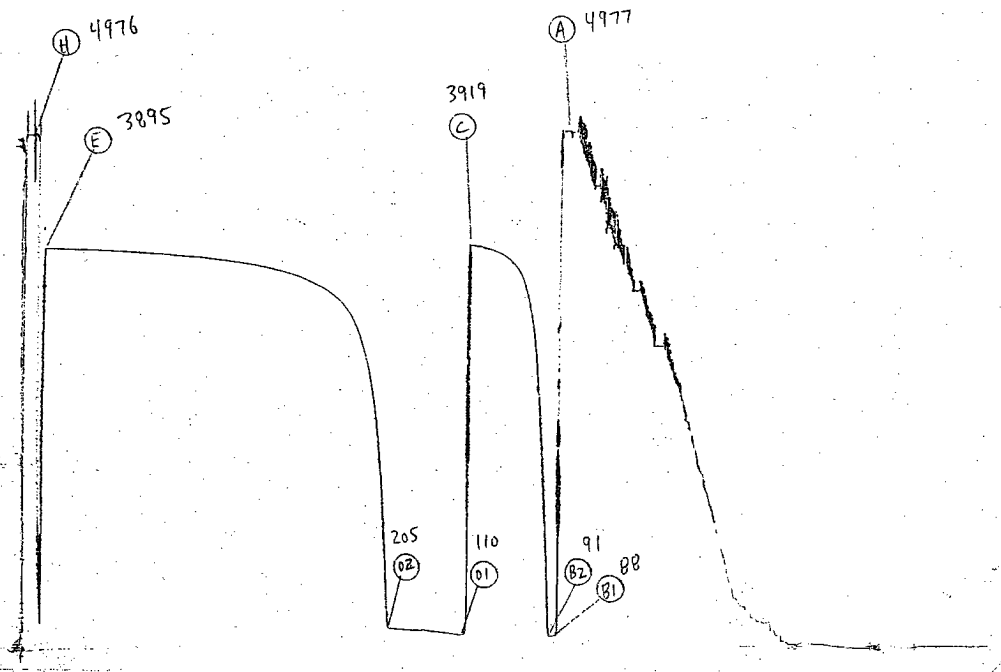
WT- 8750

AK-1

KUSTER

24 HR. CLOCK

BOTTOM RECORDER: OUTSIDE



PIPE RECOVERY

GAS TO SURFACE 10 MIN. INTO INITIAL SHUT-IN PERIOD
540 FT. OF TOTAL FLUID
210 FT. OF DRLG. MUD
330 FT. OF FORMATION WATER
60,000 MG/L CHLORIDES- .068 OHMS @ 85 DEGREES

RECOVERY DATA

B.H. TEMP. (deg F) : 180

SAMPLE CHAMBER

150 LBS. OF PRESSURE
.409 CU. FT. OF GAS
2200 CC'S OF FORMATION WATER
60,000 MG/L CHLORIDES
.068 OHMS @ 85 DEGREES

TEST REMARKS

TOOL OPENED WITH GOOD BLOW (18" IN WATER) ON 1/8" CHOKE, 11 LBS. IN 5 MIN. CHANGED CHOKE TO 1/4" WITH 13 LBS. IN 10 MIN. & 15 LBS. AT END OF 15 MIN. FIRST FLOW. (GAS TO SURFACE 10 MIN. INTO ISIP). REOPENED TOOL ON 1/4" WITH 5 LBS. (28 MCFPD) IN 5 MIN., 3 LBS. (26 MCFPD) IN 10 MIN., 2 LBS. (24 MCFPD) IN 15 MIN., 1.5 LBS. (23 MCFPD) IN 20 MIN., 3.5 OZS. (TSTM) IN 30 MIN., 3.25 OZS. (TSTM) IN 60 MIN., 3 OZS. (TSTM) IN 80 MIN. & 3 OZS. (TSTM) ON 1/4" AT END OF THE 120 MIN. FINAL FLOW PERIOD.

CAPROCK LABORATORIES, INC.
3312 BANKHEAD HIGHWAY
MIDLAND, TEXAS 79701

CHROMATOGRAPHIC ANALYSIS

COMPANY:	RIG TESTERS/YATES ENERGY	JOB #:	0602053
SAMPLE ID:	N HESS FEDERAL 23 #1	SAMPLE #:	1D1202UEX5
SAMPLE TYPE:	SPOT	DATE ON:	20060213
STATION:	YATES ENERGY	DATE OFF:	20060213
BASE PRESSURE, PSIA:	14.650	TIME ON:	
RANAREX GRAVITY:		TIME OFF:	
SAMPLE PRESS., psig:	3.0	SAMPLED BY:	CLIENT
GAS TEMP. F:		CYLINDER #:	000001
ANALYSIS DATE:	20060214	SAMPLE USE * :	A
ANALYSIS COMMENTS: DST 4, 9956-10005 MORROW FORMATION, EDDY CO, N. MEX.			

COMPONENT	MOLE %	GPM
HYDROGEN SULFIDE	0.0000	
NITROGEN	0.2532	
OXYGEN	0.0000	
METHANE	95.9854	
CARBON DIOXIDE	0.0274	
ETHANE	2.7307	0.7263
PROPANE	0.5426	0.1487
ISO-BUTANE	0.1003	0.0326
N-BUTANE	0.0793	0.0249
ISO-PENTANE	0.0460	0.0167
N-PENTANE	0.0284	0.0102
HEXANES	0.0781	0.0319
HEPTANES +	0.1286	0.0590
TOTAL	100.0000	1.0504

HEATING VALUE

BTU DRY	1047.4
BTU SATURATED	1029.2

COMPRESSIBILITY, Z	0.9978
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RELATIVE DENSITY	0.5834
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AVE. MOLE WEIGHT	16.8966
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H2S, TUTWEILER, GR./100 CUBIC FEET	0.0
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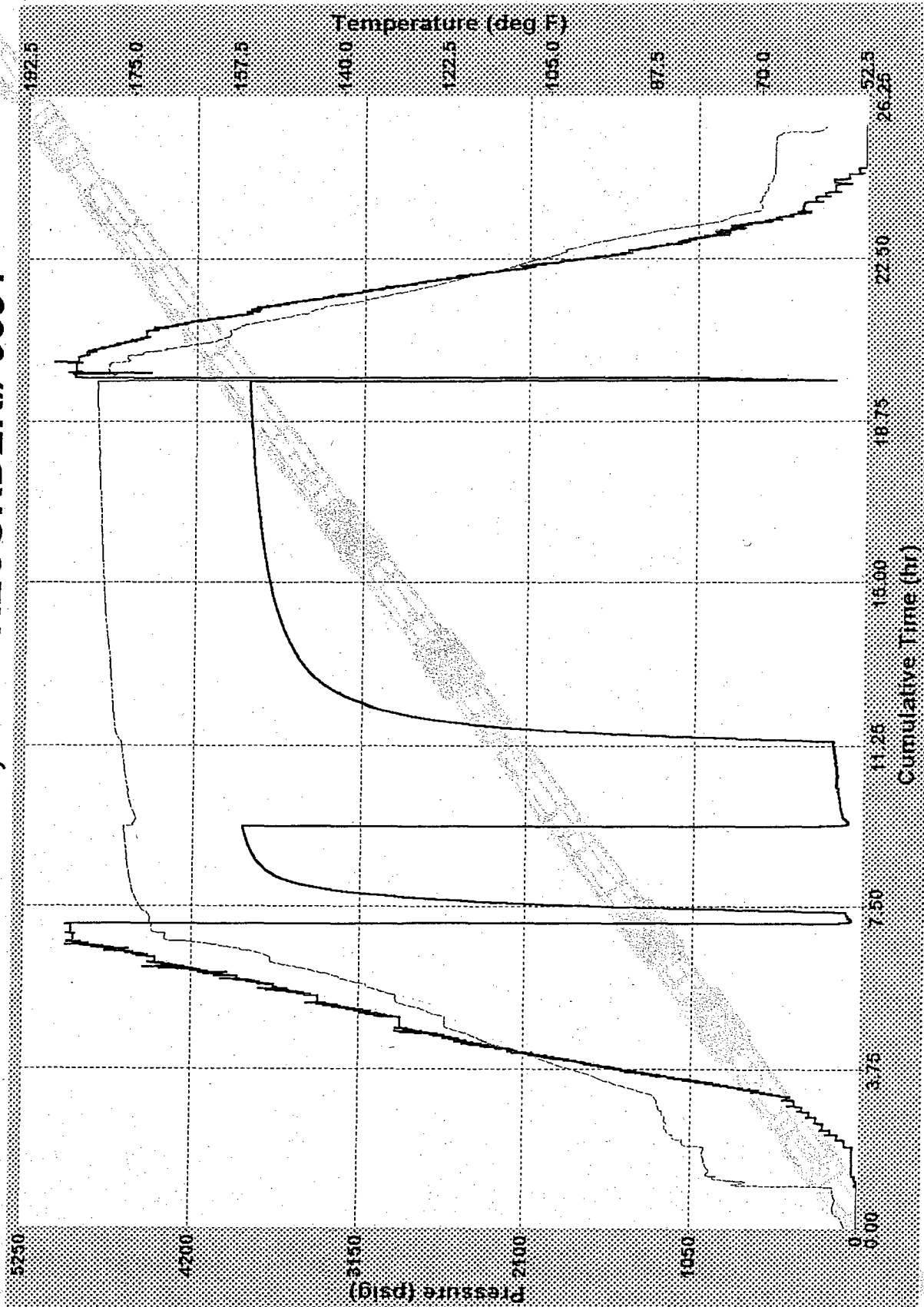
26 # GASOLINE	1.0504
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BASE CONDITIONS, 14.65 PSIA @ 60 DEGREES FAHRENHEIT

* A = ACCOUNTABLE, O = OPERATIONAL

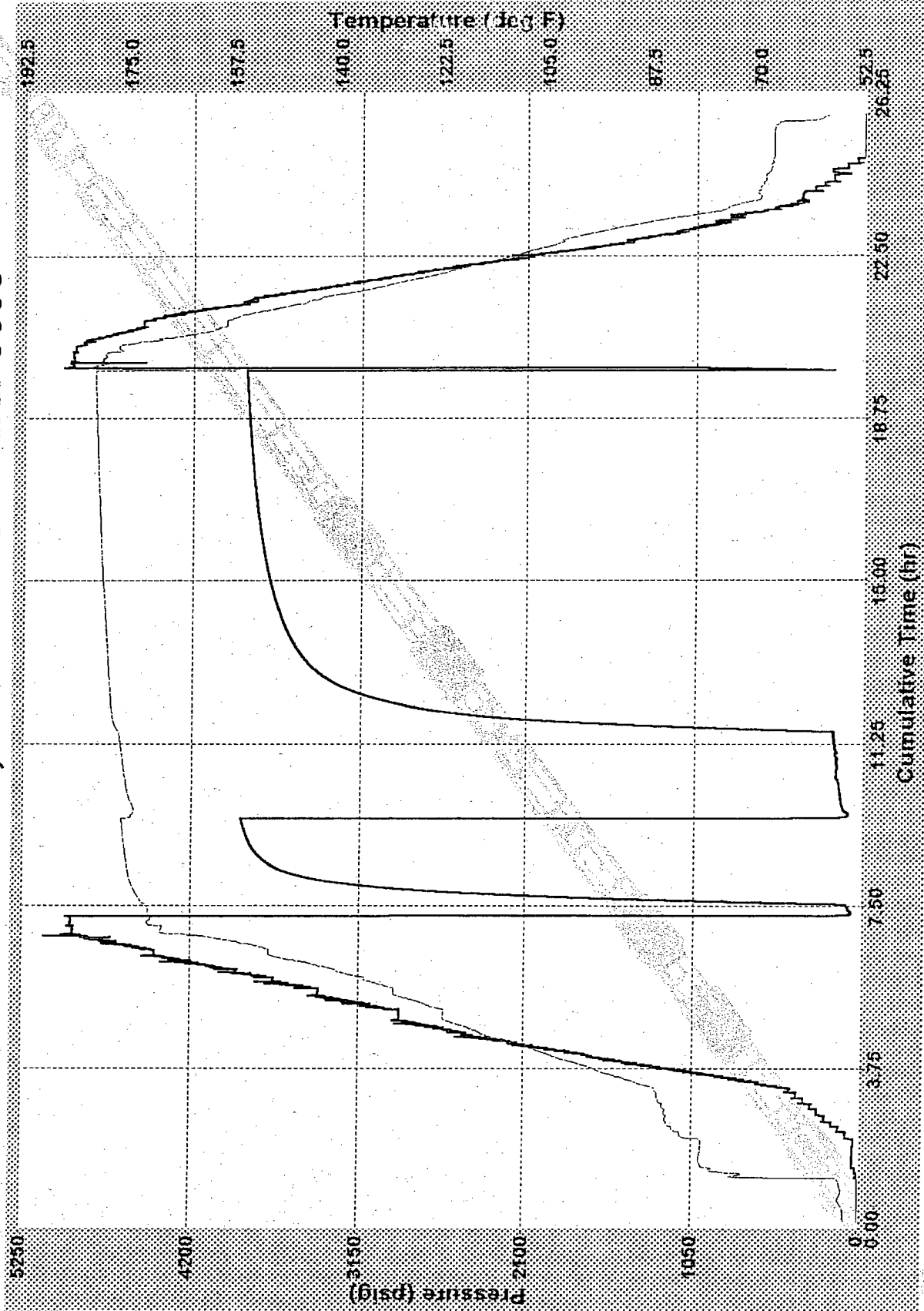
Company Name YATES ENERGY INC.
Well Name NORTH HESS FEDERAL "23" #1
Type of Test DST #4 (9956 - 10005 FT.; MORROW)
Date(s) of Test 2-13-06

RIG TESTERS, INC. RECORDER# 9634



Company Name YATES ENERGY INC.
Well Name NORTH HESS FEDERAL "23" #1
Type of Test DST #4 (9956 - 10005 FT.; MORROW)
Date(s) of Test 2-13-06

RIG TESTERS, INC. RECORDER# 9635



INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 9963 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			73.40	.00
2.0	2.0			75.72	2.32
4.0	4.0			85.01	11.61
6.0	6.0			93.30	19.90
8.0	8.0			99.30	25.90
10.0	10.0			103.69	30.29
12.0	12.0			109.10	35.70
12.3	12.3			109.10	35.70
FIRST SHUT-IN					
12.3	12.3	.00	.000	109.10	.00
13.3	12.3	1.00	13.300	286.37	177.27
14.3	12.3	2.00	7.150	522.66	413.56
15.3	12.3	3.00	5.100	740.40	631.30
16.3	12.3	4.00	4.075	952.59	843.49
17.3	12.3	5.00	3.460	1138.74	1029.64
18.3	12.3	6.00	3.050	1309.40	1200.30
19.3	12.3	7.00	2.757	1476.80	1367.70
20.3	12.3	8.00	2.538	1626.43	1517.33
21.3	12.3	9.00	2.367	1765.30	1656.20
22.3	12.3	10.00	2.230	1902.15	1793.05
24.3	12.3	12.00	2.025	2138.00	2028.90
26.3	12.3	14.00	1.879	2350.12	2241.02
28.3	12.3	16.00	1.769	2534.73	2425.63
30.3	12.3	18.00	1.683	2692.40	2583.30
32.3	12.3	20.00	1.615	2833.73	2724.63
35.3	12.3	23.00	1.535	3010.50	2901.40
38.3	12.3	26.00	1.473	3155.81	3046.71
41.3	12.3	29.00	1.424	3275.86	3166.76
44.3	12.3	32.00	1.384	3374.72	3265.62
47.3	12.3	35.00	1.351	3456.02	3346.92
50.3	12.3	38.00	1.324	3522.70	3413.60
57.3	12.3	45.00	1.273	3634.30	3525.20
62.3	12.3	50.00	1.246	3689.29	3580.19
67.3	12.3	55.00	1.224	3730.05	3620.95
72.3	12.3	60.00	1.205	3761.20	3652.10
77.3	12.3	65.00	1.189	3786.70	3677.60
82.3	12.3	70.00	1.176	3807.62	3698.52
87.3	12.3	75.00	1.164	3824.80	3715.70
92.3	12.3	80.00	1.154	3839.36	3730.26
97.3	12.3	85.00	1.145	3851.74	3742.64
102.3	12.3	90.00	1.137	3862.20	3753.10
107.3	12.3	95.00	1.129	3871.53	3762.43
112.3	12.3	100.00	1.123	3879.85	3770.75
117.3	12.3	105.00	1.117	3887.10	3778.00

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INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

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RECORDER DEPTH : 9963 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 SHUT-IN					
122.3	12.3	110.00	1.112	3893.83	3784.73
127.3	12.3	115.00	1.107	3899.93	3790.83
132.0	12.3	119.70	1.103	3905.10	3796.00
SECOND FLOW					
136.3	16.6			94.30	.00
141.3	21.6			108.48	14.18
146.3	26.6			130.31	36.01
151.3	31.6			137.00	42.70
156.3	36.6			142.80	48.50
161.3	41.6			145.91	51.61
166.3	46.6			150.10	55.80
171.3	51.6			152.51	58.21
176.3	56.6			154.94	60.64
181.3	61.6			162.60	68.30
186.3	66.6			164.66	70.36
191.3	71.6			171.14	76.84
196.3	76.6			174.70	80.40
201.3	81.6			168.53	74.23
206.3	86.6			171.38	77.08
211.3	91.6			171.50	77.20
216.3	96.6			169.41	75.11
221.3	101.6			178.40	84.10
226.3	106.6			180.50	86.20
231.3	111.6			182.79	88.49
236.3	116.6			183.73	89.43
241.3	121.6			187.30	93.00
246.3	126.6			193.19	98.89
251.3	131.6			195.05	100.75
251.8	132.1			194.20	99.90
SECOND SHUT-IN					
251.8	132.1	.00	.000	194.20	.00
253.8	132.1	2.00	67.030	512.38	318.18
255.8	132.1	4.00	34.015	820.46	626.26
257.8	132.1	6.00	23.010	1101.30	907.10
259.8	132.1	8.00	17.508	1345.45	1151.25
261.8	132.1	10.00	14.206	1569.21	1375.01
263.8	132.1	12.00	12.005	1765.10	1570.90
265.8	132.1	14.00	10.433	1931.18	1736.98

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 9963 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					
267.8	132.1	16.00	9.254	2081.06	1886.86
269.8	132.1	18.00	8.337	2212.10	2017.90
271.8	132.1	20.00	7.603	2323.48	2129.28
274.8	132.1	23.00	6.742	2469.75	2275.55
277.8	132.1	26.00	6.079	2592.42	2398.22
280.8	132.1	29.00	5.554	2696.75	2502.55
283.8	132.1	32.00	5.127	2786.52	2592.32
286.8	132.1	35.00	4.773	2865.45	2671.25
289.8	132.1	38.00	4.475	2936.35	2742.15
296.8	132.1	45.00	3.935	3074.00	2879.80
301.8	132.1	50.00	3.641	3151.38	2957.18
306.8	132.1	55.00	3.401	3217.03	3022.83
311.8	132.1	60.00	3.201	3272.10	3077.90
321.8	132.1	70.00	2.887	3358.95	3164.75
331.8	132.1	80.00	2.651	3424.33	3230.13
341.8	132.1	90.00	2.467	3475.80	3281.60
356.8	132.1	105.00	2.258	3535.20	3341.00
371.8	132.1	120.00	2.101	3581.00	3386.80
386.8	132.1	135.00	1.978	3618.30	3424.10
401.8	132.1	150.00	1.880	3649.20	3455.00
416.8	132.1	165.00	1.800	3675.30	3481.10
431.8	132.1	180.00	1.734	3697.90	3503.70
446.8	132.1	195.00	1.677	3717.80	3523.60
461.8	132.1	210.00	1.629	3735.30	3541.10
476.8	132.1	225.00	1.587	3750.90	3556.70
491.8	132.1	240.00	1.550	3764.70	3570.50
506.8	132.1	255.00	1.518	3777.10	3582.90
521.8	132.1	270.00	1.489	3788.20	3594.00
536.8	132.1	285.00	1.463	3798.20	3604.00
551.8	132.1	300.00	1.440	3807.50	3613.30
566.8	132.1	315.00	1.419	3815.80	3621.60
581.8	132.1	330.00	1.400	3823.50	3629.30
596.8	132.1	345.00	1.383	3830.70	3636.50
611.8	132.1	360.00	1.367	3837.40	3643.20
626.8	132.1	375.00	1.352	3843.40	3649.20
641.8	132.1	390.00	1.339	3849.30	3655.10
656.8	132.1	405.00	1.326	3854.70	3660.50
671.8	132.1	420.00	1.314	3859.80	3665.60
686.8	132.1	435.00	1.304	3864.60	3670.40
701.8	132.1	450.00	1.293	3868.80	3674.60

YATES ENERGY CORP.



NORTH HESS FEDERAL "23" # 1
D.S.T. NO. : 4

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

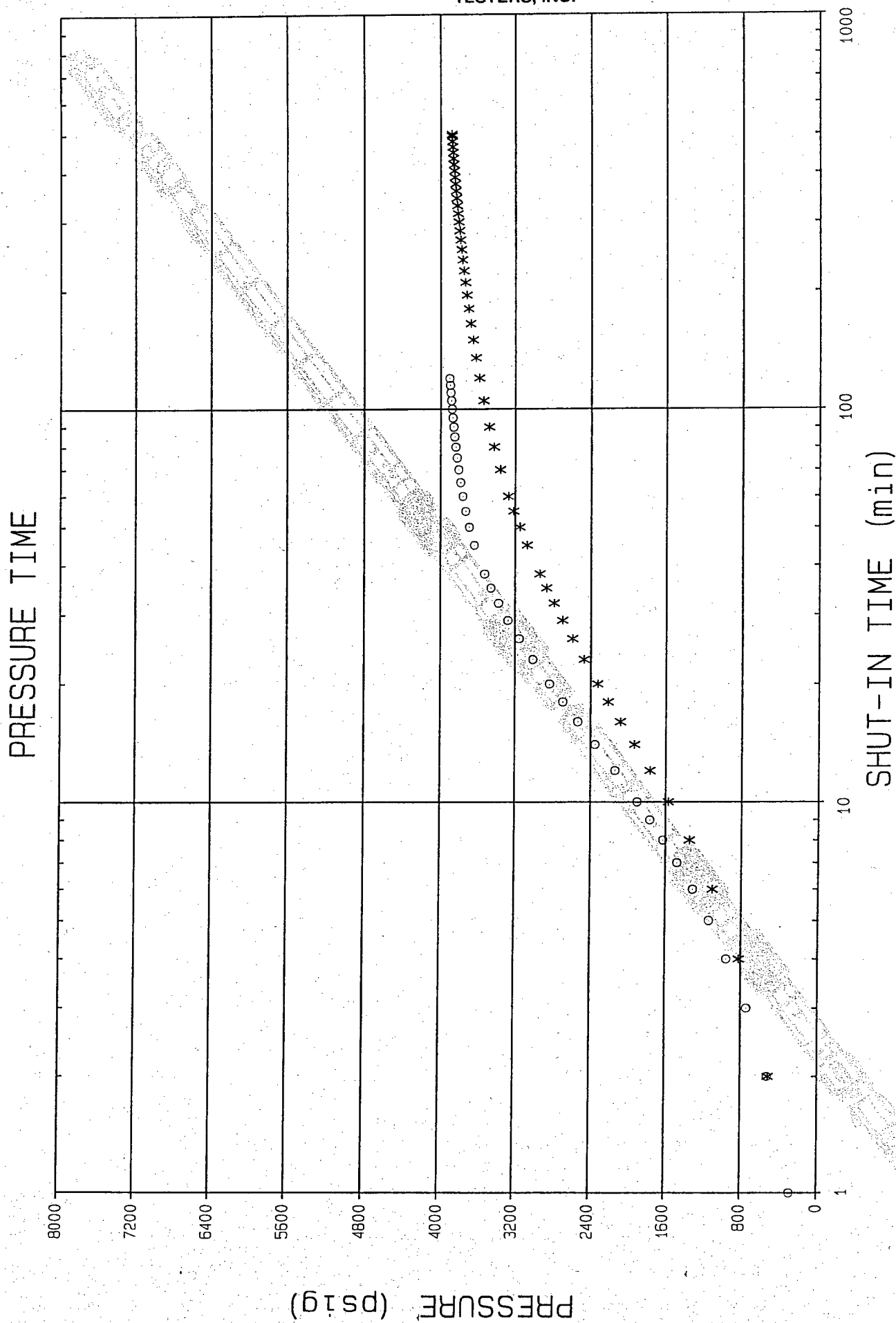
RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 9963 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					
716.8	132.1	465.00	1.284	3872.90	3678.70
731.8	132.1	480.00	1.275	3876.80	3682.60
746.8	132.1	495.00	1.267	3880.40	3686.20
751.6	132.1	499.80	1.264	3881.40	3687.20

REMARKS

THE INCREMENTAL PRESSURE, PLOTS & ANALYSIS ARE FROM ELECTRONIC RECORDERS
PLEASE REFER TO DERIVATIVE DIAGNOSTICS ANALYSIS FOR FURTHER INFORMATION
PRESSURE DATA (ASCII FILE) IS AVAILABLE ON DISKETTE WHEN REQUESTED



YATES ENERGY CORP.

NORTH HESS FEDERAL "23" # 1



RigTesters, Inc.
ABILENE - MIDLAND - GRAHAM

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



Well identification

Well ID	N. HESS FED"23"#1	Well location	SW CARLSBAD
County/District	EDDY	State, Country	NEW MEXICO
Company	YATES ENERGY	Division	ROSWELL, NM

Fluid properties

Prod/Inj fluid	GAS	GOR	N/A
Water cut		Condensate yield	UNKNOWN
API gravity	N/A	Gas spec. grav.	0.675
Viscosity	2.222e-2 cp	Pseudo-critical T	377.17 deg R
Pseudo-critical P	666.05 psia	H2S mole fraction	UNKNOWN
CO2 mole fraction	UNKNOWN	N2 mole fraction	UNKNOWN
Compressibility(t)	139.51 e-6/psi	Formation vol factor	0.74055 RB/MSCF

Reservoir properties

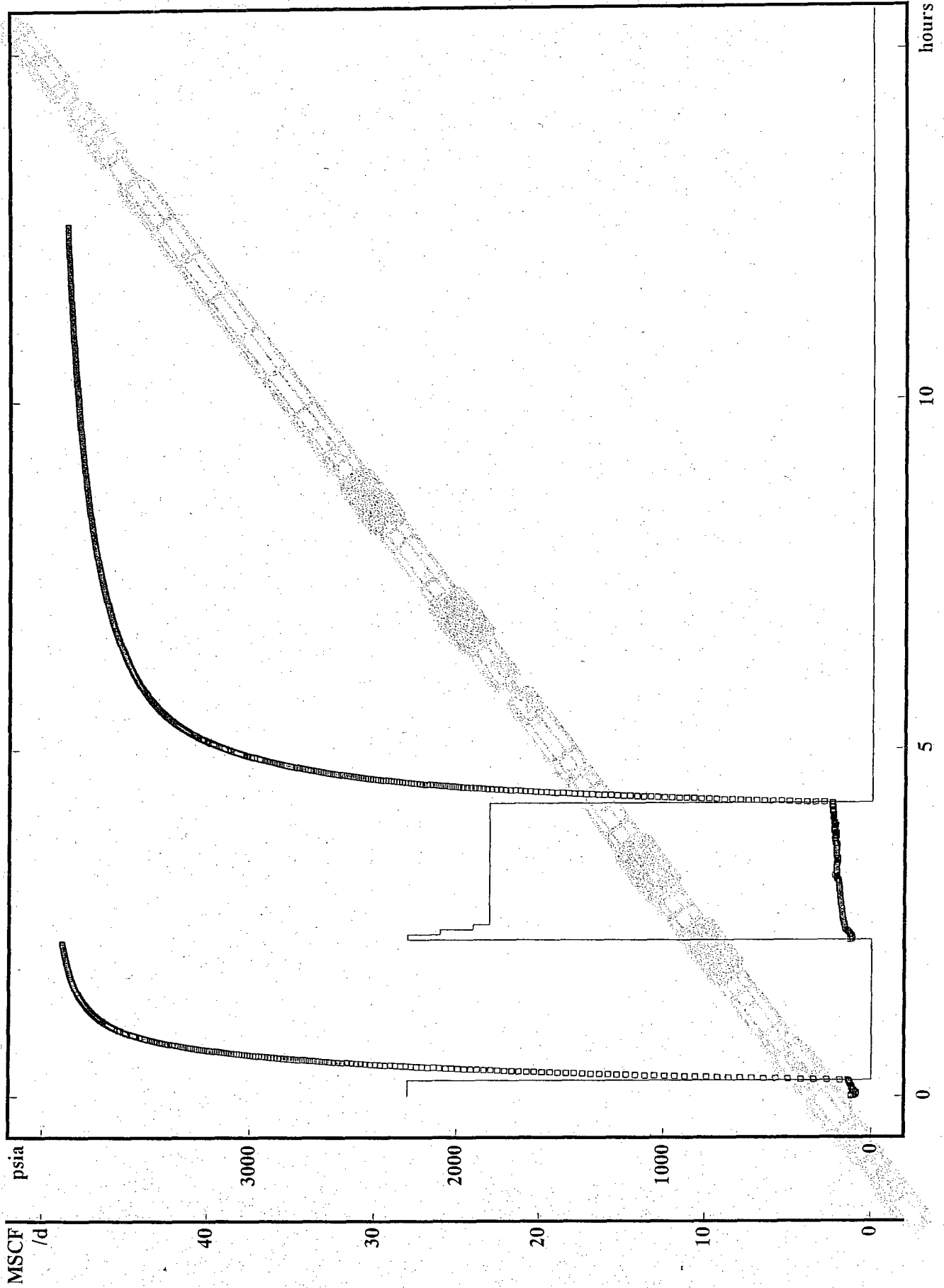
Porosity	0.16 frac	Formation thickness	45 ft
Wellbore radius	0.32813 ft	Prod-observer distance	N/A
Water-Oil Contact	UNKNOWN	Gas-Oil Contact	N/A
Gas-Water Contact	N/A	Rock compressibility	
Reservoir temperature	180 deg F	Pressure for properties	4035 psia

Comments

THE DERIVATIVES INDICATE A RESERVOIR WITH LOW PERMEABILITY AND SLIGHT (POSITIVE) SKIN. THE INITIAL SHUT-IN PERIOD WAS IN TRANSITION TOWARDS BUT HAD NOT QUITE ACHIEVED TRUE RADIAL FLOW WHICH MAY MAKE CALCULATIONS (EXTRAPOLATION, PERMEABILITY AND SKIN) SUBJECT TO QUESTION. THE FINAL SHUT-IN HAD ACHIEVED TRUE RADIAL FLOW AS INDICATED BY THE FLATTENING ON DERIVATIVE CURVE. A REGRESSION VERIFIED MODEL ANALYSIS WAS PERFORMED TO BETTER DETERMINE FORMATION PARAMETERS AND IS REPRESENTED BY A SOLID LINE PLOTTED OVER ACTUAL DATA WITH CONFIDENCE INTERVALS (MARGIN OF ERROR) NEXT TO MAJOR PARAMETERS. THE FIXED PARAMETERS USED WERE AN EST. 16% POROSITY, 45 FT. OF NET PAY REPORTED AND AN (EST) GAS FLOWING RATE OF 23 MCFPD MEASURED AT SURFACE THROUGH A 1/4" CHOKE FOR THE FINAL FLOW. THE TOTAL RADIUS OF INVESTIGATION CALCULATED TO ONLY 4 FT. FROM WELLBORE. * THE GAS PRODUCTION RATE WOULD DEPEND UPON TOTAL AMOUNT OF FLUID PRODUCED.

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

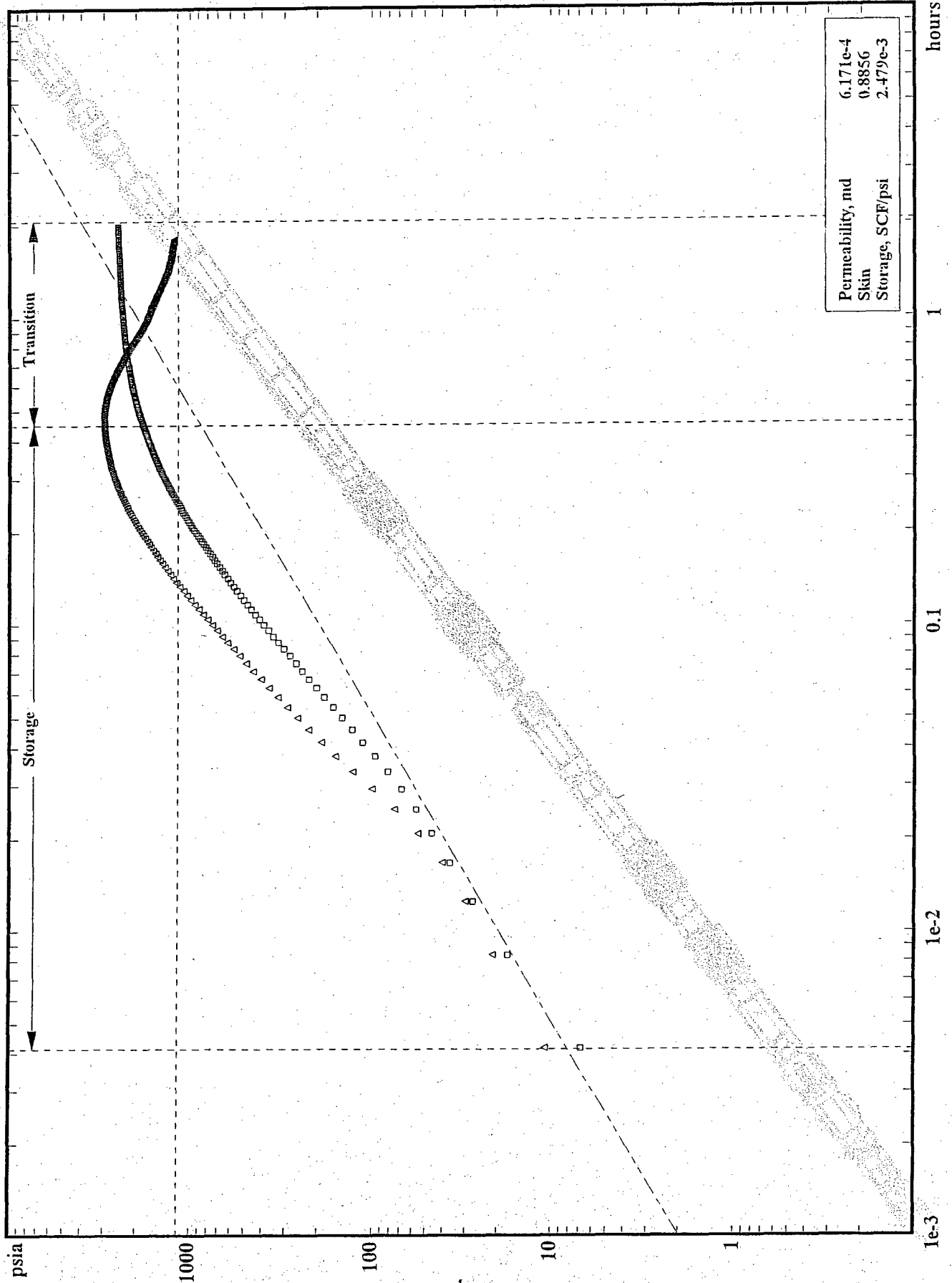
Pressure and flow rate vs time during test sequence



DST #4 9956 - 10005 FT.; MORROW

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

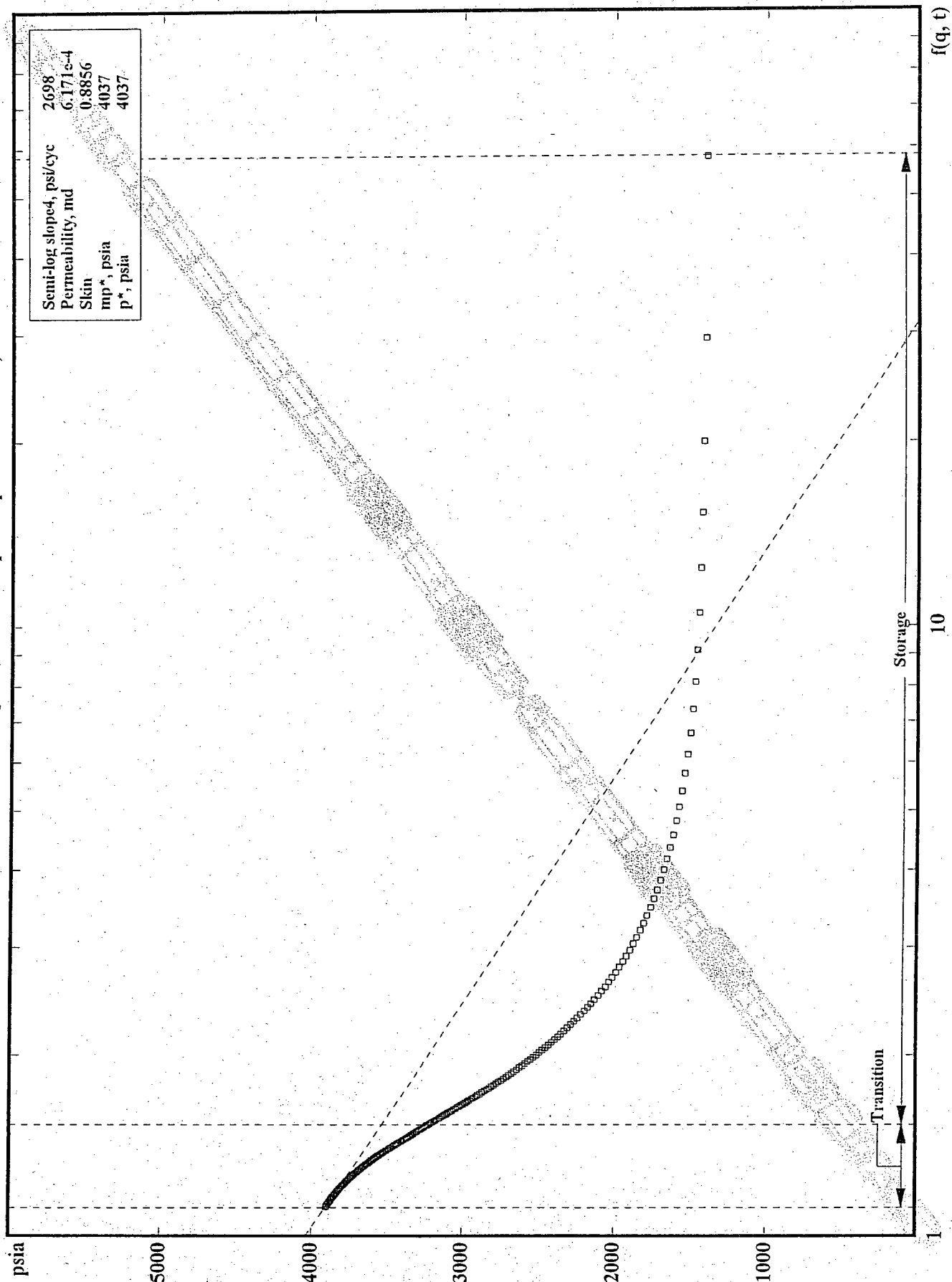
Diagnostic plot (normalized pseudopressure & time)



INITIAL SHUT-IN PERIOD DST#4

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

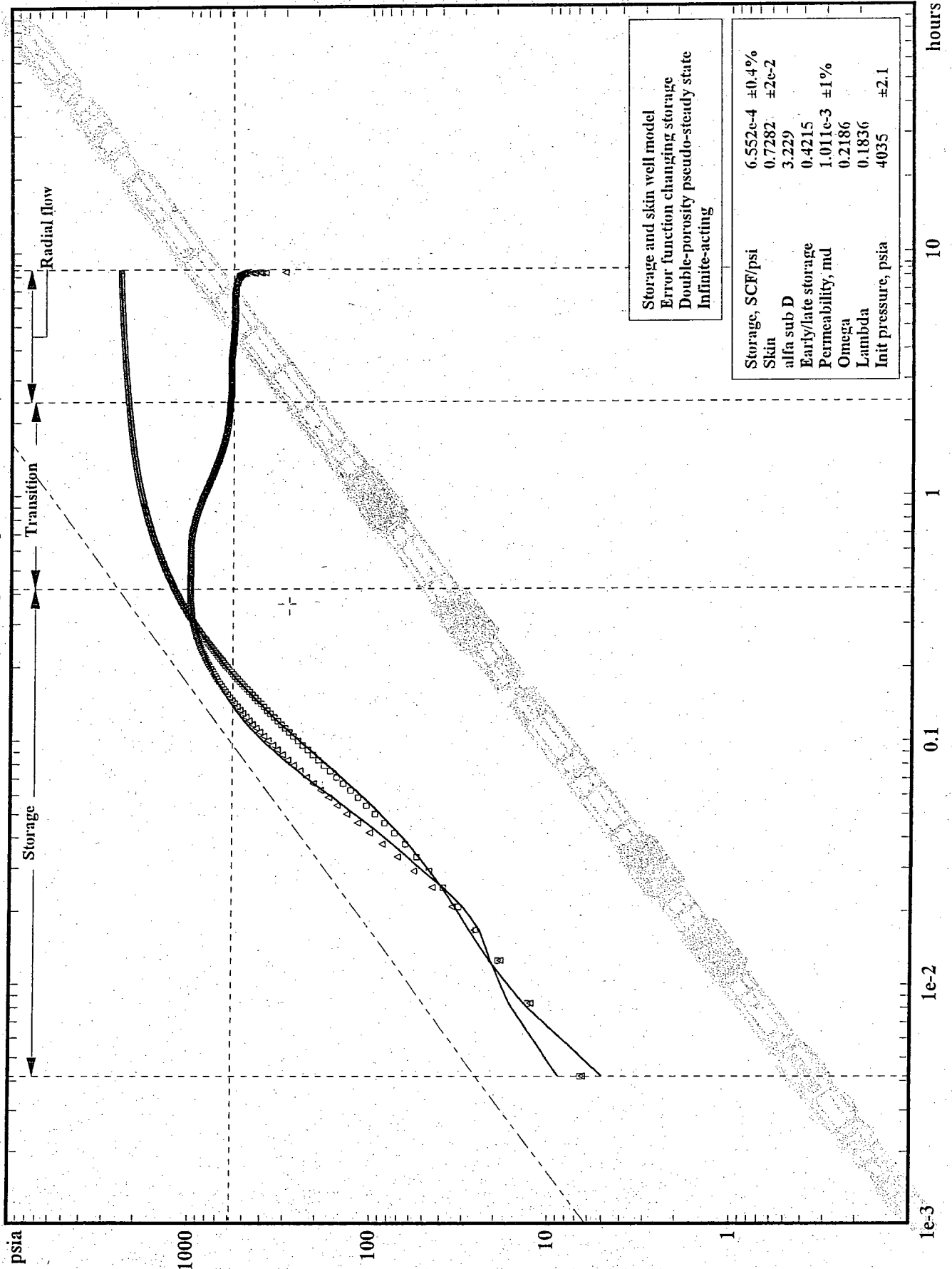
Variable rate Horner plot (normalized pseudopressure & time)



INITIAL SHUT-IN PERIOD DST#4

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

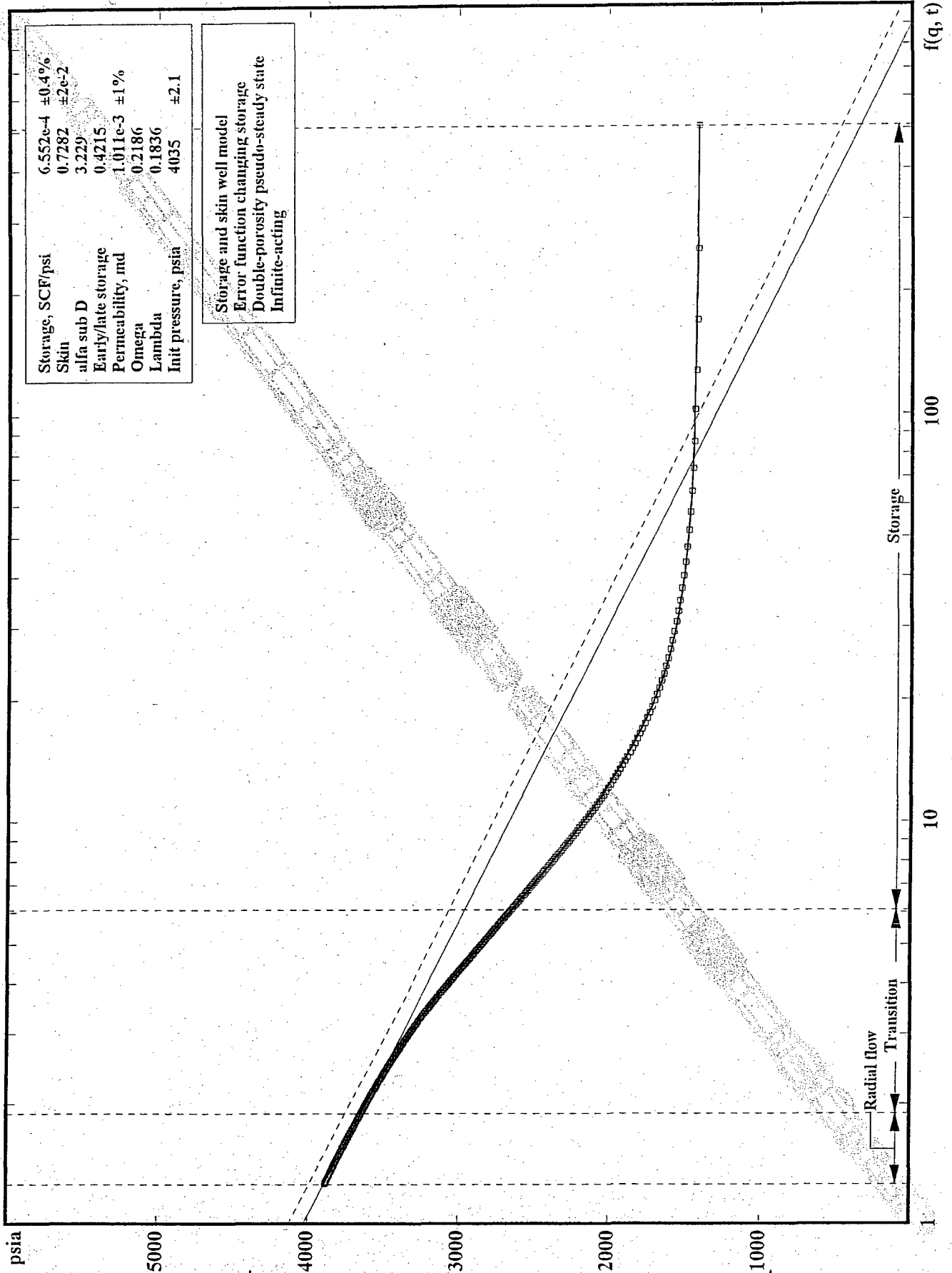
Diagnostic plot (normalized pseudopressure & time)



FINAL SHUT-IN PERIOD DST#4 REGRESSION VERIFIED MODEL

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

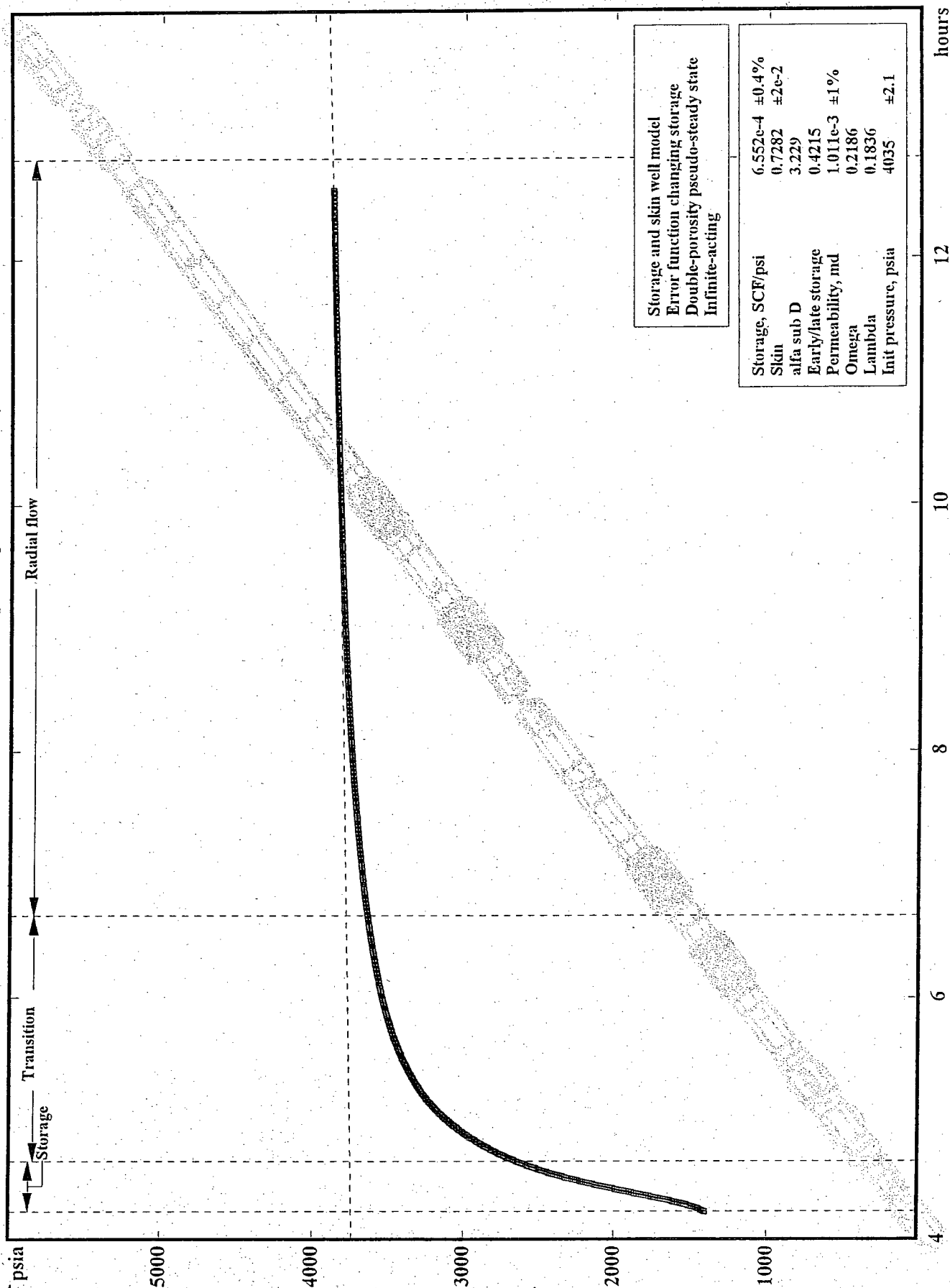
Variable rate Horner plot (normalized pseudopressure & time)



FINAL SHUT-IN PERIOD DST#4 REGRESSION VERIFIED MODEL

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

Cartesian plot (normalized pseudopressure & time)



FINAL SHUT-IN PERIOD DST#4 REGRESSION VERIFIED MODEL



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

TEST DATE : 01/28/06
D.S.T. NO. : 3
TEST TKT. NO. : 23451
INVOICE NO. : 21577
ORDER NO. :

RECEIVED

MAR 13 2006

OGU-ARTERIA

FORMATION : WOLFCAMP
INTERVAL (ft) : 7143 TO 7210
TOTAL DEPTH (ft) : 7210
ELEVATION (ft) : 4117

HOLE SIZE (in) : 7.875
DRILL PIPE ID (in) : 3.82
DRILL COLLAR ID (in) : 2.25
DRILL COLLAR feet : 777

ANCHOR LENGTH (ft) : 67
TOOL LENGTH (ft) : 76
TOOL O.D. (in) : 5
PACKER SIZE (in) : 7.00

RECORDER DATA
AK-1KUSTER / ZIPROBE

TOP RECORDER: IN
RECORDER NO. : 9634
CAPACITY (psi) : 10000
DEPTH (ft) : 7157
CLOCK NO. : 9634
DURATION (hrs) : 99

BOTTOM RECORDER: OUT
RECORDER NO. : 13709
CAPACITY (psi) : 7850
DEPTH (ft) : 7210
CLOCK NO. : 19463
DURATION (hrs) : 24

MUD PROPERTIES

MUD TYPE : CUT BRINE WATER
MUD WT. (#/gal) : 8.95

WATER LOSS (cc) : 32
FILTER CAKE (in) : FILM
VISCOSITY (sec) : 31

CHLORIDE PPM : 55000
RESISTIVITY (ohm-m) : .070

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

SUCCESSFUL : YES

PACKER FAILURE : NO

TOOL PLUG : NO

DECIDED NOT TO TEST : NO

FAIL TO REACH BOTTOM : NO

TIME INTERVAL DATA (min)

TOOL OPENED : 11:05 PM

TOTAL TEST TIME: 838

INITIAL FLOW : 15
SECOND FLOW : 120
THIRD FLOW :

INITIAL SHUT-IN: 104
SECOND SHUT-IN : 599
THIRD SHUT IN :

TEST TOOL OPERATOR: DON TERHUNE

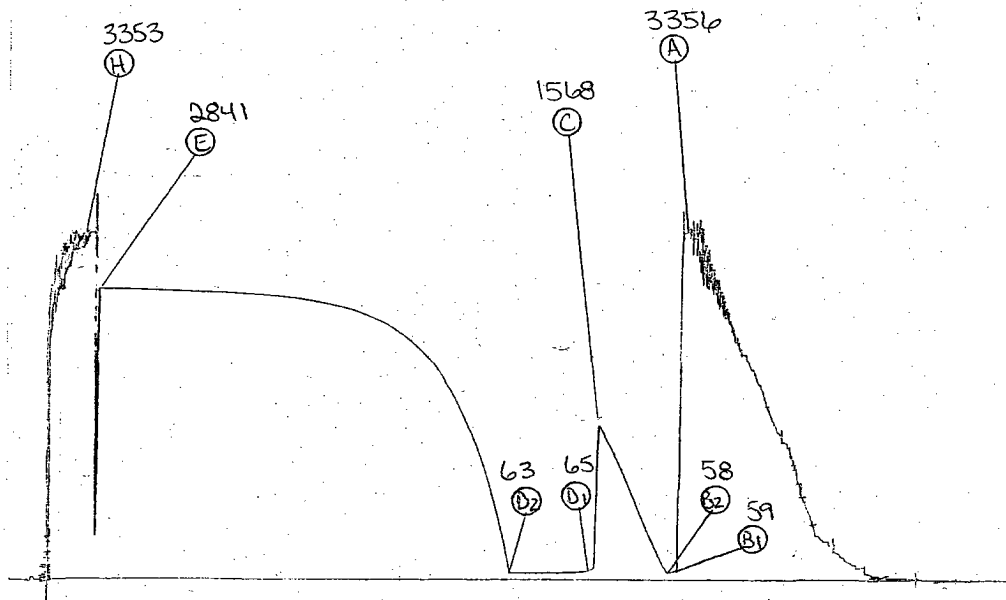


YATES ENERGY CORP.

N. HESS FEDERAL "23" # 1
D.S.T. NO. :3

		CORRECTED READING	FIELD READING
A	INITIAL HYDROSTATIC:	3337 PSI	3337 PSI
B-1	INITIAL FIRST FLOW :	38 PSI	38 PSI
B-2	FINAL FIRST FLOW :	42 PSI	42 PSI
C	FIRST SHUT-IN :	1546 PSI	1546 PSI
D-1	INITIAL SECOND FLOW:	44 PSI	44 PSI
D-2	FINAL SECOND FLOW :	54 PSI	54 PSI
E	SECOND SHUT-IN :	2819 PSI	2819 PSI
H	FINAL HYDROSTATIC :	3334 PSI	3338 PSI

TKT-23451 REC-13709 WT-7850
AK-1 KUSTER 04 HR. CLOCK
BOTTOM RECORDER : OUTSIDE



PIPE RECOVERY

RECOVERY DATA
B.H. TEMP. (deg F) : 134

SAMPLE CHAMBER

GAS TO SURFACE 105 MIN. INTO FINAL FLOW PERIOD
40 FT. OF OIL CUT DRLG. FLUID (40% OIL)
55,000 MG/L CHLORIDES- .070 OHMS @ 85 DEGREES

330 LBS. OF PRESSURE
.532 CU. FT. OF GAS
400 CC'S OF FREE OIL
43 GRAVITY @ 60 DEGREES
800 CC'S OF DRLG. FLUID
55,000 MG/L CHLORIDES
.070 OHMS @ 85 DEGREES

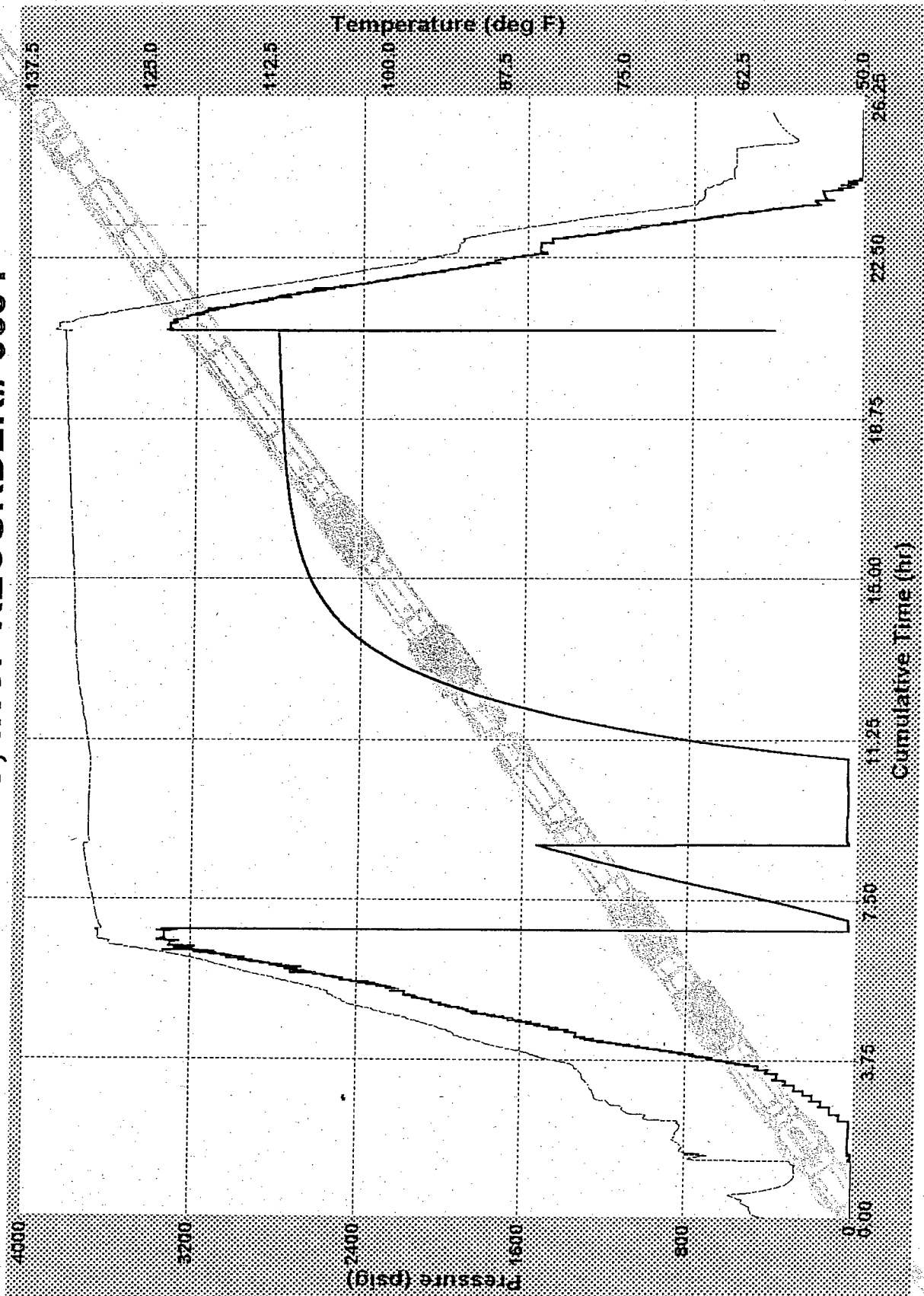
TEST REMARKS

TOOL OPENED WITH FAIR BLOW ON 1/8" CHOKE, 10 OZS. IN 2 MIN., 12.5 OZS. IN 5 MIN., 14 OZS. IN 10 MIN. & 14.5 OZS. AT END OF 15 MIN. FIRST FLOW. RE-OPENED TOOL WITH GOOD BLOW ON 1/8" WITH 3 LBS. IN 1 MIN., 3.4 LBS. IN 5 MIN., 3.4 LBS. IN 10 MIN., 3.4 LBS. IN 20 MIN., 3.6 LBS. IN 30 MIN., CHANGED CHOKE TO 1/4" IN 35 MIN. WITH 2.8 LBS., 8 OZS. IN 40 MIN., (1/4" IN WATER) IN 45 MIN., GAS TO SURFACE IN 105 MIN. WITH 0 LBS.(T.S.T.M.) ON 1/4" AND REMAINED THROUGHOUT THE 120 MIN. FINAL FLOW PERIOD.

Company Name YATES ENERGY CORP.
 Well Name N. HESS FEDERAL "23" #1
 Type of Test DST #3 (7143-7210 FT.; WOLFCAMP)
 Date(s) of Test 1-28-06

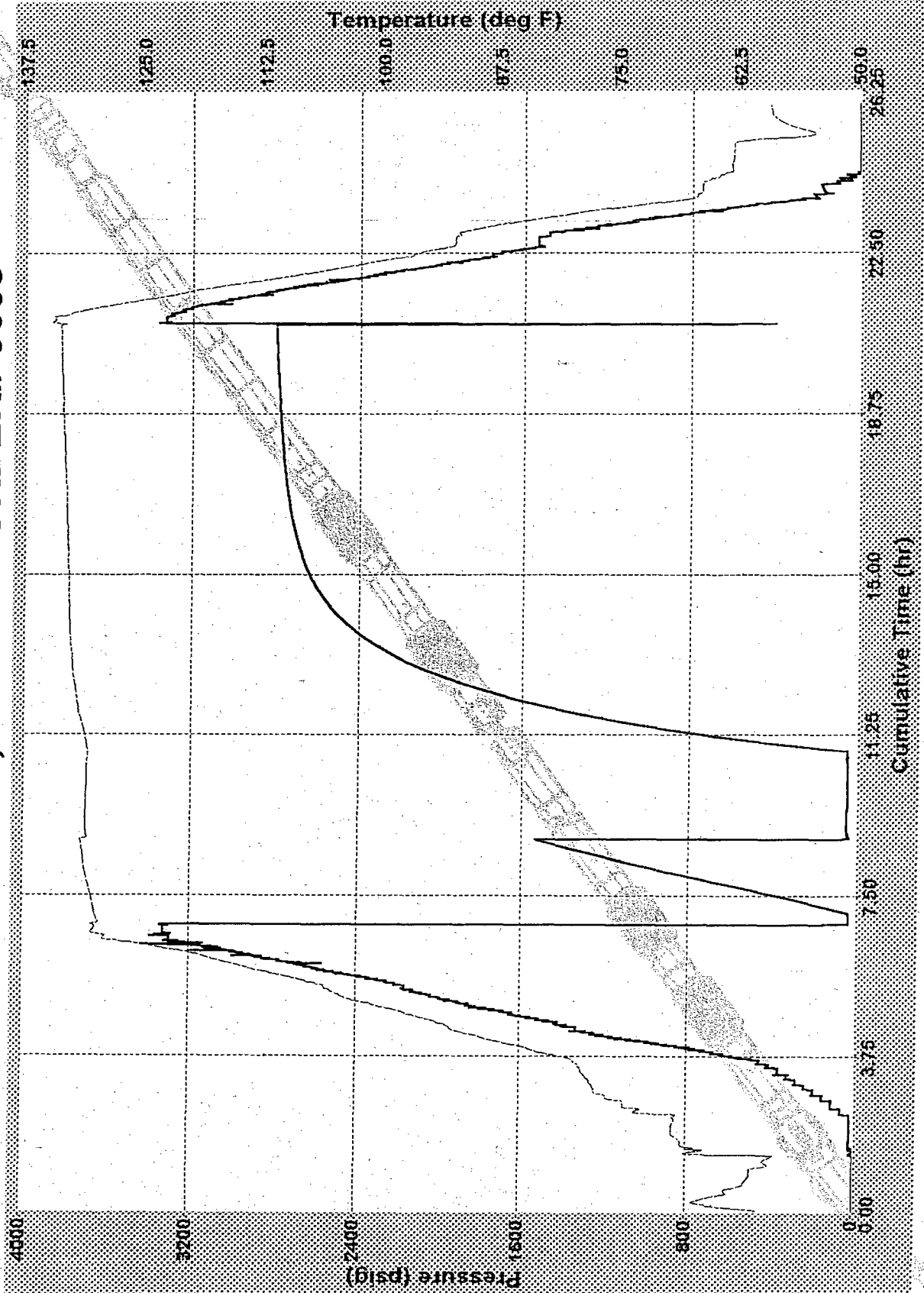


RIG TESTERS, INC. RECORDER# 9634



Company Name YATES ENERGY CORP.
Well Name N. HESS FEDERAL "23" #1
Type of Test DST #3 (7143-7210 FT.; WOLFCAMP)
Date(s) of Test 1-28-06

RIG TESTERS, INC. RECORDER# 9635



YATES ENERGY CORP.


 N. HESS FEDERAL "23" # 1
 D.S.T. NO. : 3

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 7157 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			38.80	.00
2.0	2.0			41.00	2.20
4.0	4.0			41.69	2.89
6.0	6.0			41.40	2.60
8.0	8.0			43.23	4.43
10.0	10.0			42.20	3.40
12.0	12.0			42.40	3.60
14.0	14.0			42.61	3.81
14.8	14.8			42.80	4.00
FIRST SHUT-IN					
14.8	14.8	.00	.000	42.80	.00
15.8	14.8	1.00	15.760	57.41	14.61
16.8	14.8	2.00	8.380	72.00	29.20
17.8	14.8	3.00	5.920	85.90	43.10
18.8	14.8	4.00	4.690	100.17	57.37
19.8	14.8	5.00	3.952	113.68	70.88
20.8	14.8	6.00	3.460	126.90	84.10
21.8	14.8	7.00	3.109	140.75	97.95
22.8	14.8	8.00	2.845	153.88	111.08
23.8	14.8	9.00	2.640	167.20	124.40
24.8	14.8	10.00	2.476	181.17	138.37
26.8	14.8	12.00	2.230	208.10	165.30
28.8	14.8	14.00	2.054	236.30	193.50
30.8	14.8	16.00	1.923	264.68	221.88
32.8	14.8	18.00	1.820	292.90	250.10
34.8	14.8	20.00	1.738	322.42	279.62
37.8	14.8	23.00	1.642	367.12	324.32
40.8	14.8	26.00	1.568	412.42	369.62
43.8	14.8	29.00	1.509	458.33	415.53
46.8	14.8	32.00	1.461	505.02	462.22
49.8	14.8	35.00	1.422	551.73	508.93
52.8	14.8	38.00	1.388	598.42	555.62
59.8	14.8	45.00	1.328	708.20	665.40
64.8	14.8	50.00	1.295	787.03	744.23
69.8	14.8	55.00	1.268	865.22	822.42
74.8	14.8	60.00	1.246	941.50	898.70
79.8	14.8	65.00	1.227	1017.41	974.61
84.8	14.8	70.00	1.211	1091.78	1048.98
89.8	14.8	75.00	1.197	1163.90	1121.10
94.8	14.8	80.00	1.185	1235.09	1192.29
99.8	14.8	85.00	1.174	1304.25	1261.45
104.8	14.8	90.00	1.164	1371.20	1328.40
109.8	14.8	95.00	1.155	1436.88	1394.08
114.8	14.8	100.00	1.148	1500.50	1457.70

YATES ENERGY CORP.


 N. HESS FEDERAL "23" # 1
 D.S.T. NO. : 3

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 7157 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 SHUT-IN					
118.7	14.8	103.98	1.142	1546.80	1504.00
SECOND FLOW					
119.8	15.8			44.80	.00
129.8	25.8			53.60	8.80
139.8	35.8			54.50	9.70
149.8	45.8			55.10	10.30
159.8	55.8			51.80	7.00
169.8	65.8			51.21	6.41
179.8	75.8			51.30	6.50
189.8	85.8			51.40	6.60
199.8	95.8			51.79	6.99
209.8	105.8			52.50	7.70
219.8	115.8			53.11	8.31
229.8	125.8			53.60	8.80
239.8	135.8			54.10	9.30
240.2	136.3			54.20	9.40
SECOND SHUT-IN					
240.2	136.3	.00	.000	54.20	.00
242.2	136.3	2.00	69.130	123.51	69.31
244.2	136.3	4.00	35.065	193.89	139.69
246.2	136.3	6.00	23.710	261.80	207.60
248.2	136.3	8.00	18.033	325.23	271.03
250.2	136.3	10.00	14.626	387.58	333.38
252.2	136.3	12.00	12.355	448.00	393.80
254.2	136.3	14.00	10.733	504.57	450.37
256.2	136.3	16.00	9.516	559.85	505.65
258.2	136.3	18.00	8.570	612.60	558.40
260.2	136.3	20.00	7.813	662.37	608.17
263.2	136.3	23.00	6.924	735.61	681.41
266.2	136.3	26.00	6.241	806.14	751.94
269.2	136.3	29.00	5.699	874.05	819.85
272.2	136.3	32.00	5.258	939.48	885.28
275.2	136.3	35.00	4.893	1002.49	948.29
278.2	136.3	38.00	4.586	1063.33	1009.13
285.2	136.3	45.00	4.028	1198.00	1143.80
290.2	136.3	50.00	3.725	1287.03	1232.83
295.2	136.3	55.00	3.477	1371.95	1317.75
300.2	136.3	60.00	3.271	1452.20	1398.00

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 7157 ft

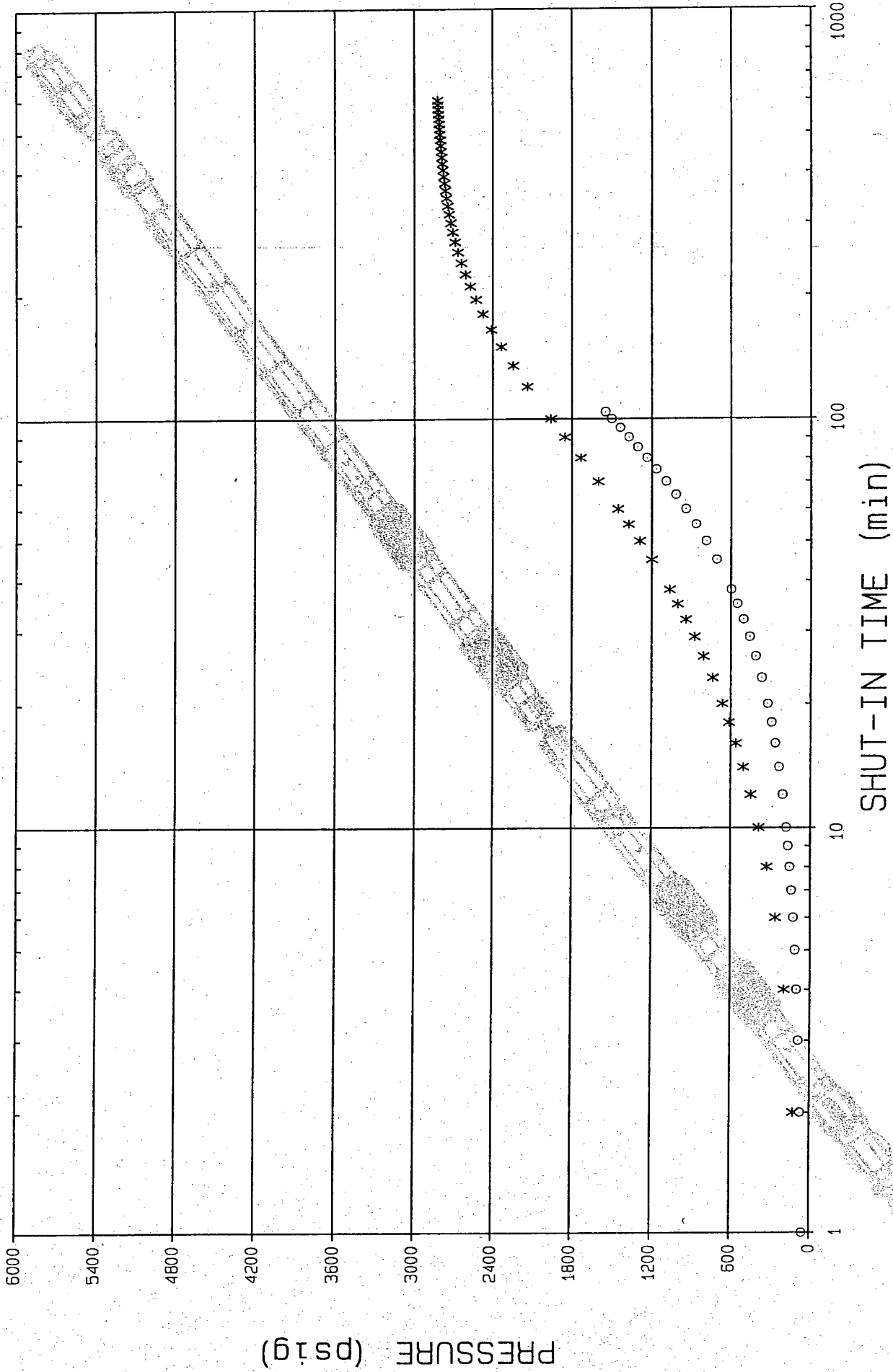
ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER)	PRESSURE ---PSIG---	DELTA P ---PSIG---
		SECOND SHUT-IN			
310.2	136.3	70.00	2.947	1599.52	1545.32
320.2	136.3	80.00	2.703	1732.40	1678.20
330.2	136.3	90.00	2.514	1852.30	1798.10
340.2	136.3	100.00	2.363	1957.39	1903.19
360.2	136.3	120.00	2.136	2135.50	2081.30
375.2	136.3	135.00	2.009	2244.10	2189.90
390.2	136.3	150.00	1.908	2334.80	2280.60
405.2	136.3	165.00	1.826	2410.90	2356.70
420.2	136.3	180.00	1.757	2474.40	2420.20
435.2	136.3	195.00	1.699	2527.00	2472.80
450.2	136.3	210.00	1.649	2570.70	2516.50
465.2	136.3	225.00	1.606	2607.40	2553.20
480.2	136.3	240.00	1.568	2638.10	2583.90
495.2	136.3	255.00	1.534	2663.70	2609.50
510.2	136.3	270.00	1.505	2685.10	2630.90
525.2	136.3	285.00	1.478	2703.10	2648.90
540.2	136.3	300.00	1.454	2718.20	2664.00
555.2	136.3	315.00	1.433	2731.20	2677.00
570.2	136.3	330.00	1.413	2742.20	2688.00
585.2	136.3	345.00	1.395	2751.80	2697.60
600.2	136.3	360.00	1.379	2760.30	2706.10
615.2	136.3	375.00	1.363	2767.40	2713.20
630.2	136.3	390.00	1.349	2773.60	2719.40
645.2	136.3	405.00	1.336	2779.10	2724.90
660.2	136.3	420.00	1.324	2784.40	2730.20
675.2	136.3	435.00	1.313	2788.60	2734.40
690.2	136.3	450.00	1.303	2792.50	2738.30
705.2	136.3	465.00	1.293	2795.80	2741.60
720.2	136.3	480.00	1.284	2799.10	2744.90
735.2	136.3	495.00	1.275	2802.30	2748.10
750.2	136.3	510.00	1.267	2805.50	2751.30
765.2	136.3	525.00	1.260	2808.40	2754.20
780.2	136.3	540.00	1.252	2811.20	2757.00
795.2	136.3	555.00	1.246	2813.80	2759.60
810.2	136.3	570.00	1.239	2816.00	2761.80
825.2	136.3	585.00	1.233	2818.10	2763.90
839.3	136.3	599.04	1.227	2819.90	2765.70

REMARKS

THE INCREMENTAL PRESSURE, PLOTS & ANALYSIS ARE FROM ELECTRONIC RECORDERS
PLEASE REFER TO DERIVATIVE DIAGNOSTICS ANALYSIS FOR FURTHER INFORMATION
PRESSURE DATA (ASCII FILE) IS AVAILABLE ON DISKETTE WHEN REQUESTED



PRESSURE TIME



○ FIRST SHUT-IN
* SECOND SHUT-IN

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



Well Test Report

RigTesters, Inc.

ABILENE - MIDLAND - GRAHAM

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

Well identification

Well ID	N.HESS FED."23"#1	Well location	SW CARLSBAD
County/District	EDDY	State, Country	NEW MEXICO
Company	YATES ENERGY	Division	ROSWELL, NM

Fluid properties

Prod/Inj fluid	OIL	GOR	500:1
Water cut	0%	Condensate yield	UNKNOWN
API gravity	43.0	Gas spec. grav.	0.7
Viscosity	0.70736 cp	Pseudo-critical T	382.97 deg R
Pseudo-critical P	664.37 psia	H2S mole fraction	UNKNOWN
CO2 mole fraction	UNKNOWN	N2 mole fraction	UNKNOWN
Compressibility(t)	15.44 e-6/psi	Formation vol factor	1.2709 RB/STB

Reservoir properties

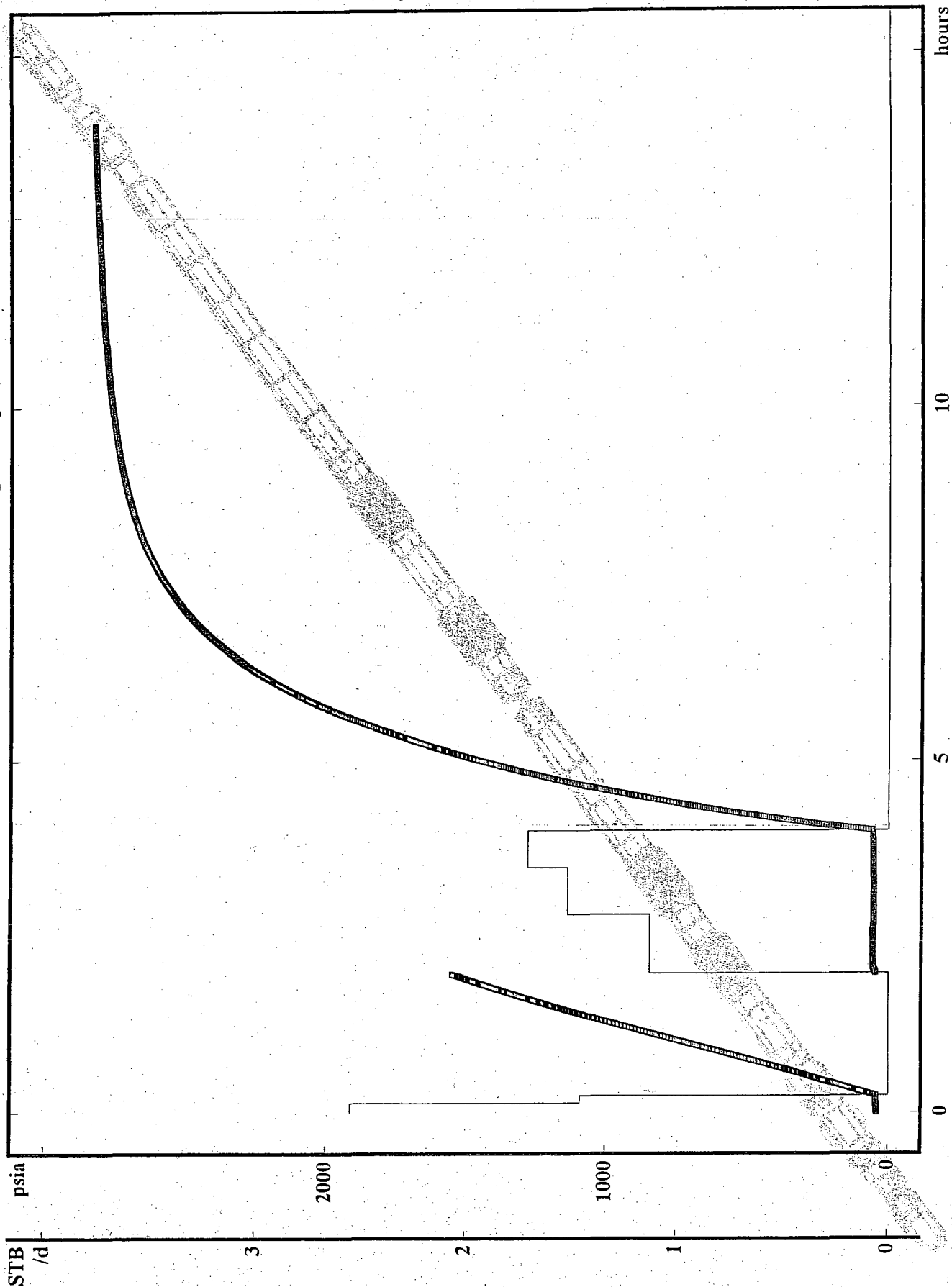
Porosity	0.12 frac	Formation thickness	16 ft
Wellbore radius	0.32813 ft	Prod-observer distance	N/A
Water-Oil Contact	UNKNOWN	Gas-Oil Contact	N/A
Gas-Water Contact	N/A	Rock compressibility	
Reservoir temperature	134 deg F	Pressure for properties	2878 psia

Comments

THE DERIVATIVES INDICATE A RESERVOIR WITH LOW PERMEABILITY AND SLIGHT (POSITIVE) SKIN. THE INITIAL SHUT-IN PERIOD IS DOMINATED BY WELLBORE STORAGE EFFECT WHICH WOULD MAKE ITS CALCULATIONS (EXTRAPOLATION, PERMEABILITY AND SKIN) UNRELIABLE. THE FINAL SHUT-IN PERIOD HAD ACHIEVED RADIAL FLOW AS INDICATED ON DERIVATIVE WITH THE LATE TIME DECREASE BEING INDICATIVE OF SPHERICAL FLOW (PARTIAL PENETRATION) OR POSSIBLY DUE TO VERTICAL FRACTURING. A REGRESSION VERIFIED MODEL ANALYSIS WAS PERFORMED TO BETTER DETERMINE FORMATION PARAMETERS AND IS REPRESENTED BY A SOLID LINE PLOTTED OVER ACTUAL DATA WITH CONFIDENCE INTERVALS (MARGIN OF ERROR) NEXT TO MAJOR PARAMETERS. A PORTION OF THE SKIN FACTOR IS ATTRIBUTABLE TO THE LIMITED FLOW FROM PARTIAL PENETRATION. THE FIXED PARAMETERS USED WERE AN EST. 12% POROSITY, 16 FT. OF NET PAY AND AN AVERAGE (TIME WEIGHTED) PRODUCTION OF 1.44 BBLs. OF OIL FOR THE FINAL FLOW PERIOD. THE RATES WERE BASED ON DENSITY OF FLUID RECOVERED VS. FLOWING PRESSURES. THE TOTAL RADIUS OF INVESTIGATION CALCULATED TO APPROX. 9 FT. FROM WELLBORE.

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

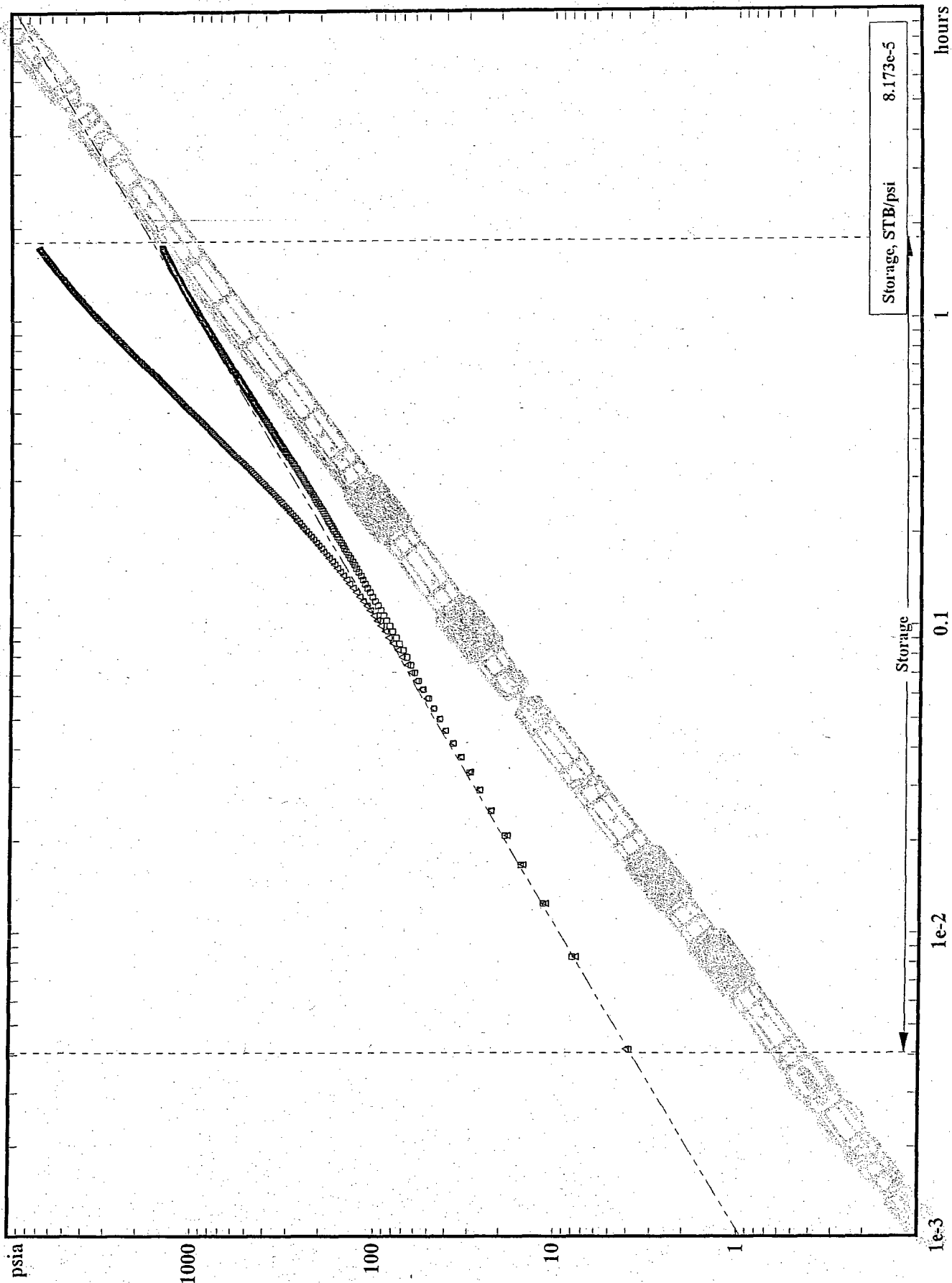
Pressure and flow rate vs time during test sequence



DST #3 7143 - 7210 FT. WOLFCAMP

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

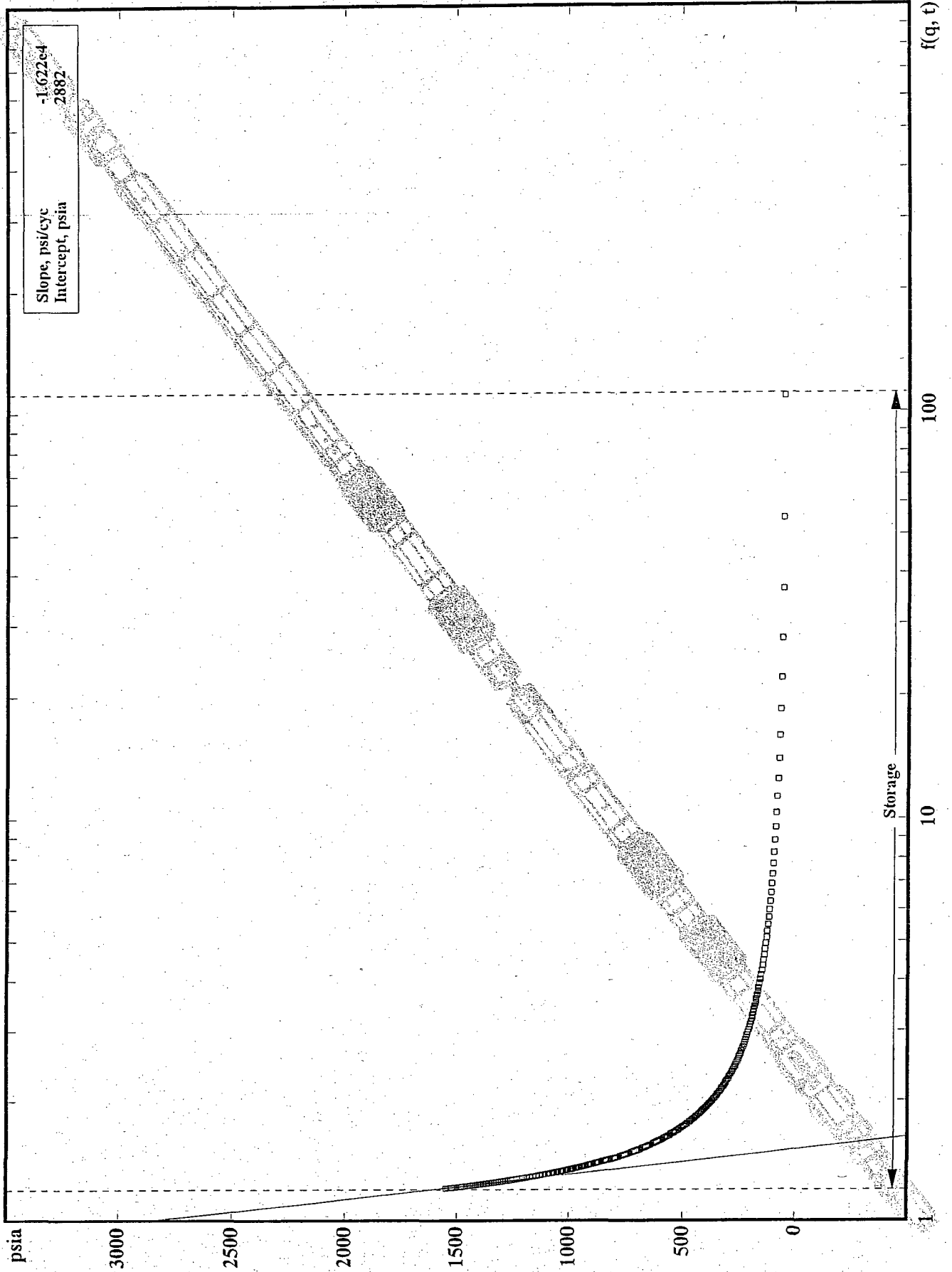
Diagnostic plot (pressure & time)



INITIAL SHUT-IN PERIOD DST#3

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

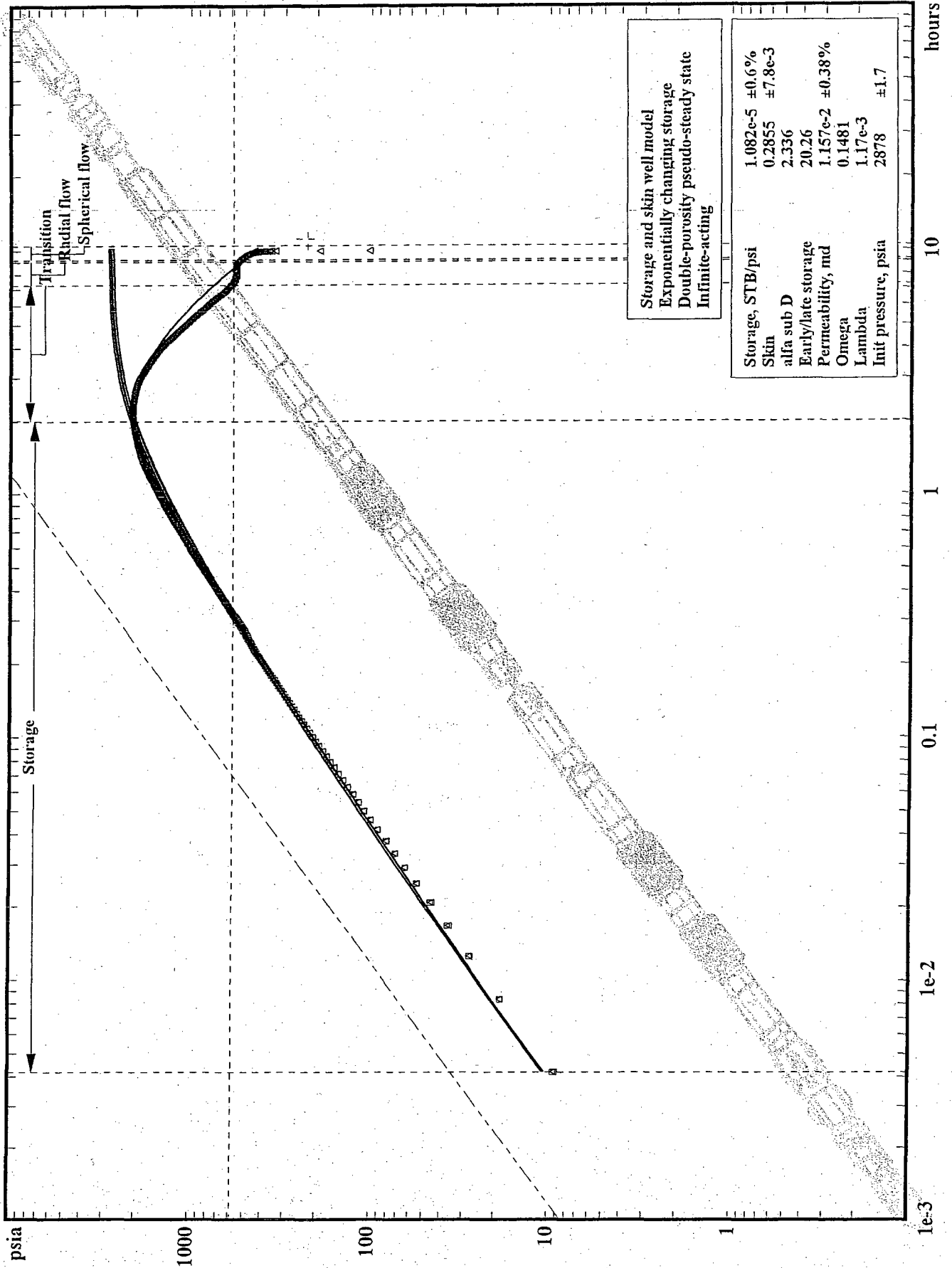
Variable rate Horner plot (pressure & time)



INITIAL SHUT-IN PERIOD DST#3

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

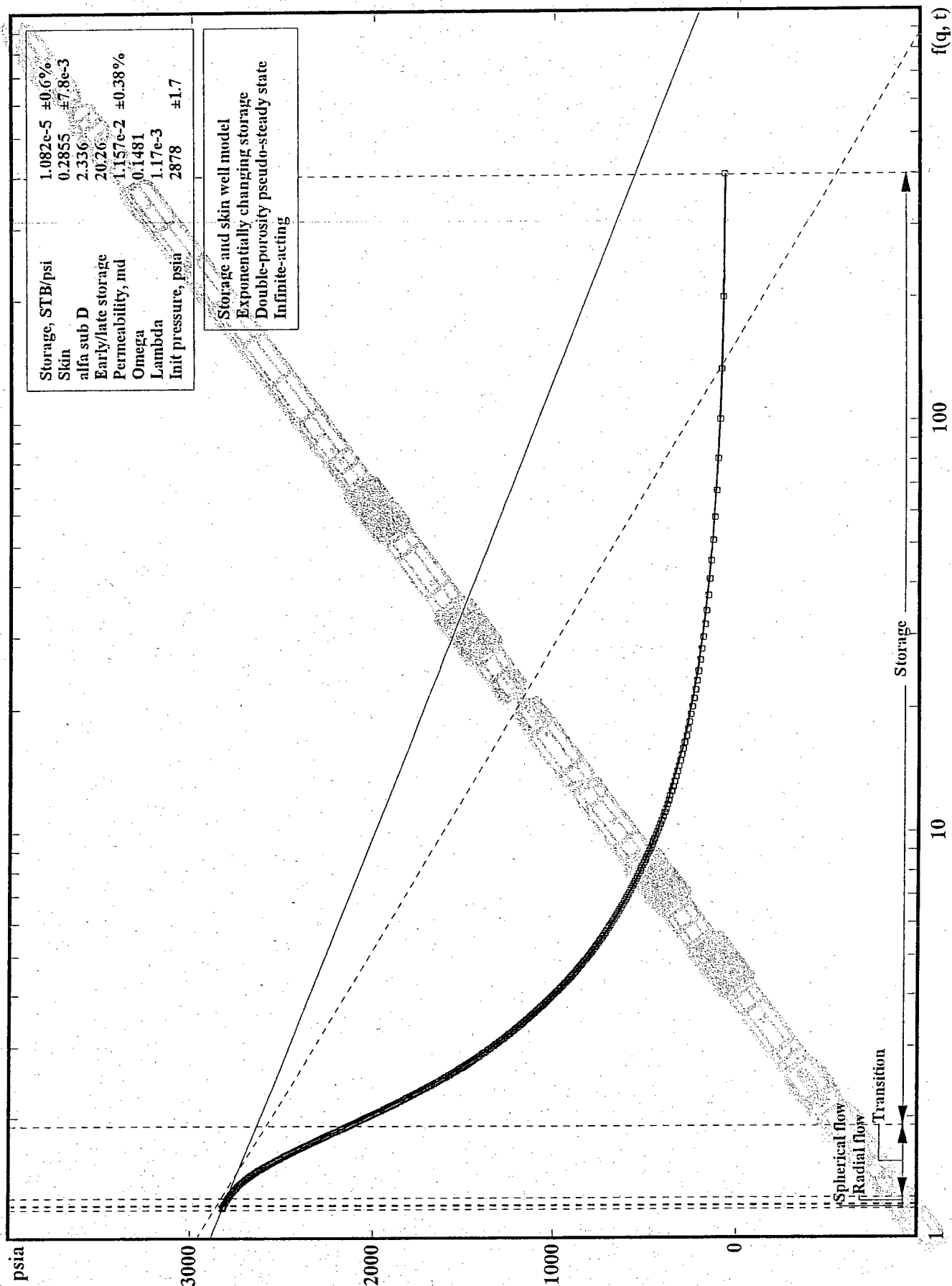
Diagnostic plot (pressure & time)



FINAL SHUT-IN PERIOD DST#3 REGRESSION VERIFIED MODEL

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

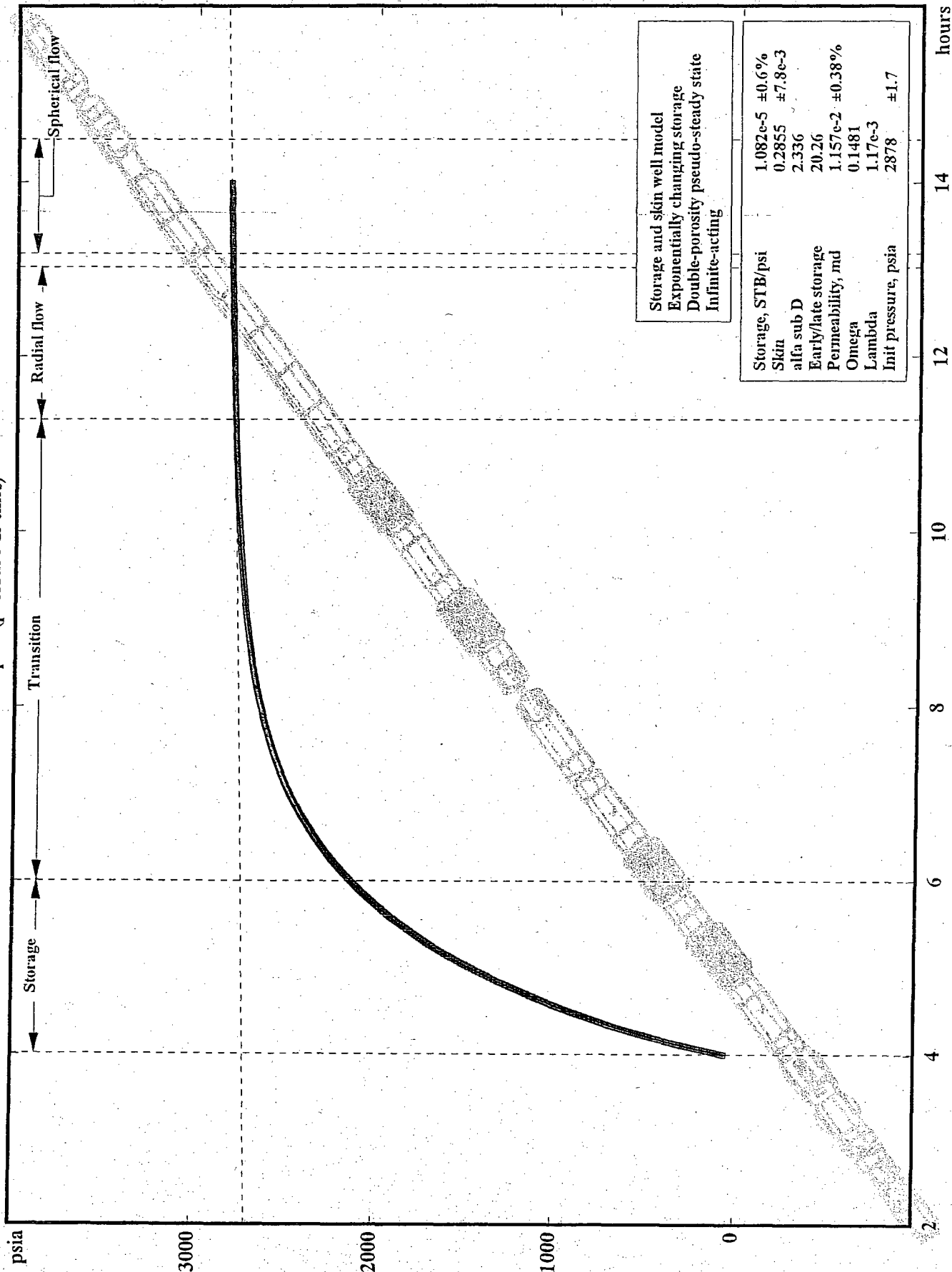
Variable rate Horner plot (pressure & time)



FINAL SHUT-IN PERIOD DST#3 REGRESSION VERIFIED MODEL

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

Cartesian plot (pressure & time)



FINAL SHUT-IN PERIOD DST#3 REGRESSION VERIFIED MODEL





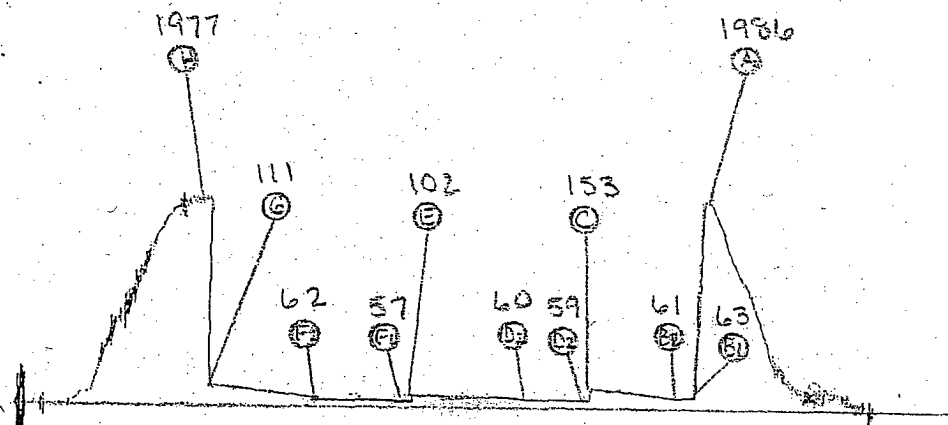
YATES ENERGY CORPORATION

NORTH HESS FED. "23" # 1
D.S.T. NO. :2

		CORRECTED READING	FIELD READING
A	INITIAL HYDROSTATIC:	1962 PSI	1960 PSI
B-1	INITIAL FIRST FLOW :	44 PSI	40 PSI
B-2	FINAL FIRST FLOW :	43 PSI	42 PSI
C	FIRST SHUT-IN :	149 PSI	149 PSI
D-1	INITIAL SECOND FLOW:	43 PSI	42 PSI
D-2	FINAL SECOND FLOW :	46 PSI	45 PSI
E	SECOND SHUT-IN :	95 PSI	95 PSI
F-1	INITIAL THIRD FLOW :	39 PSI	46 PSI
F-2	FINAL THIRD FLOW :	48 PSI	48 PSI
G	THIRD SHUT-IN :	101 PSI	101 PSI
H	FINAL HYDROSTATIC :	1956 PSI	1960 PSI

TKT-83450 REC-13909 WT-8750
AK-1 KUSTER BY HR. CLOCK
BOTTOM RECORDER : OUTSIDE

RECEIVED
MAR 13 2006
OCU-ANTECIA



PIPE RECOVERY

RECOVERY DATA
B.H. TEMP. (deg F) : 100

SAMPLE CHAMBER

680 FT. OF GAS IN PIPE & COLLARS
8 FT. OF DRLG. FLUID
52,000 MG/L CHLORIDES - .075 OHMS @ 85 DEGREES

10 LBS. OF PRESSURE
0.02 CU. FT. OF GAS
3000 CC'S OF DRLG. FLUID
52,000 MG/L CHLORIDES
.075 OHMS @ 85 DEGREES

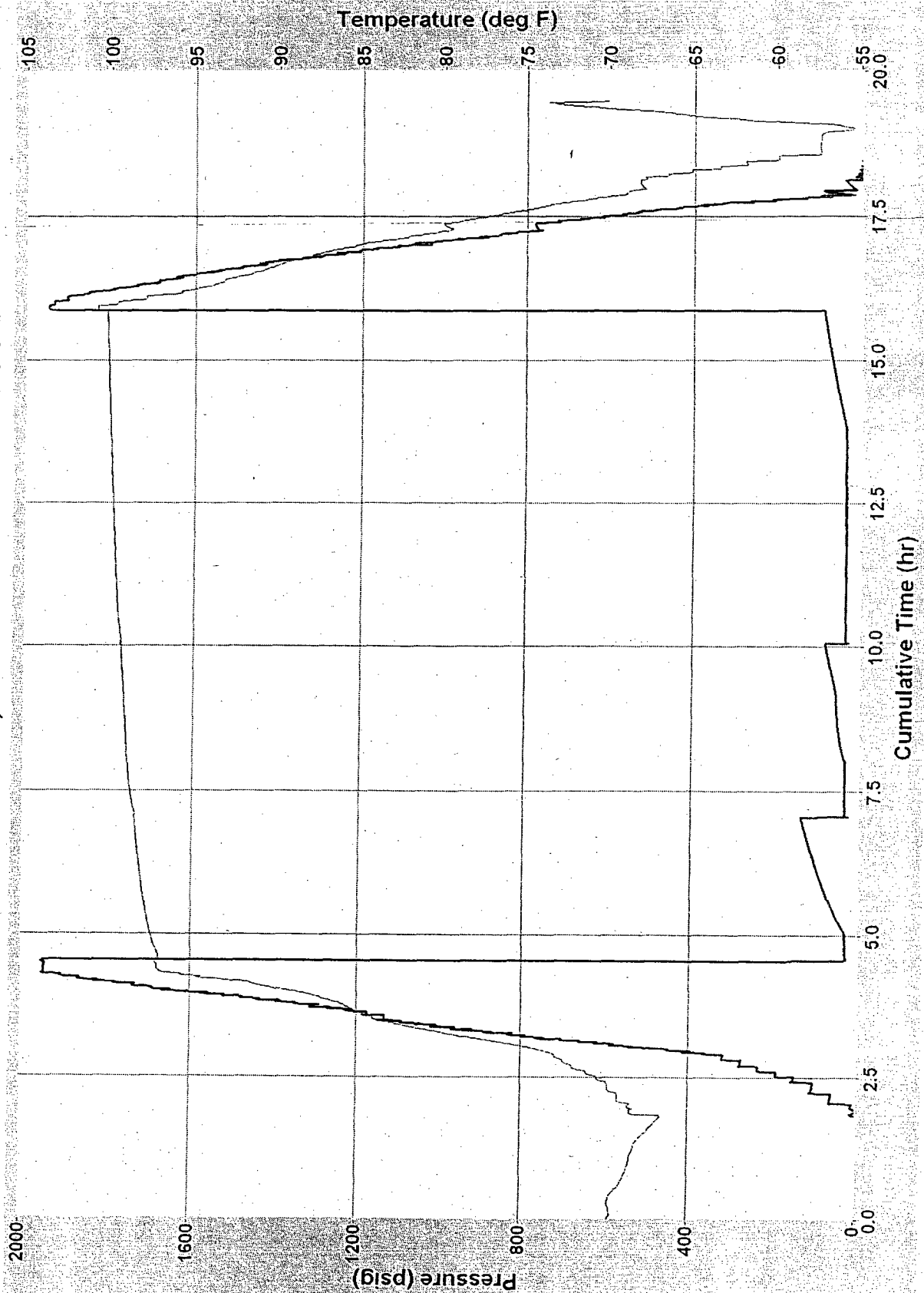
TEST REMARKS

TOOL OPENED WITH A WEAK BLOW 1/4" IN WATER, 2" IN WATER IN 5 MIN., 1" IN 10 MIN. & ON SURFACE AT END OF THE 30 MIN. FIRST FLOW. REOPENED WITH 3" IN WATER, 2.5" IN 5 MIN., 1.5" IN 10 MIN., 1/8" IN 20 MIN. & AT SURFACE IN 30 MIN. & CONTINUED THROUGHOUT 60 MIN. SECOND FLOW. REOPENED TOOL WITH 1" IN WATER, 1.5" IN 5 MIN., 1/4" IN WATER IN 10 MIN. AND DIED IN 16 MIN. OF THE 225 MIN. THIRD FLOW PERIOD.

Company Name
Well Name
Type of Test
Date(s) of Test

YATES ENERGY CORPORATION
NORTH HESS FED. "23" #1
DST #2 2nd BONE SPRING SAND
1-19-2006 4263 - 4441 FT.

RIG TESTERS, INC. GUAGE # 9634

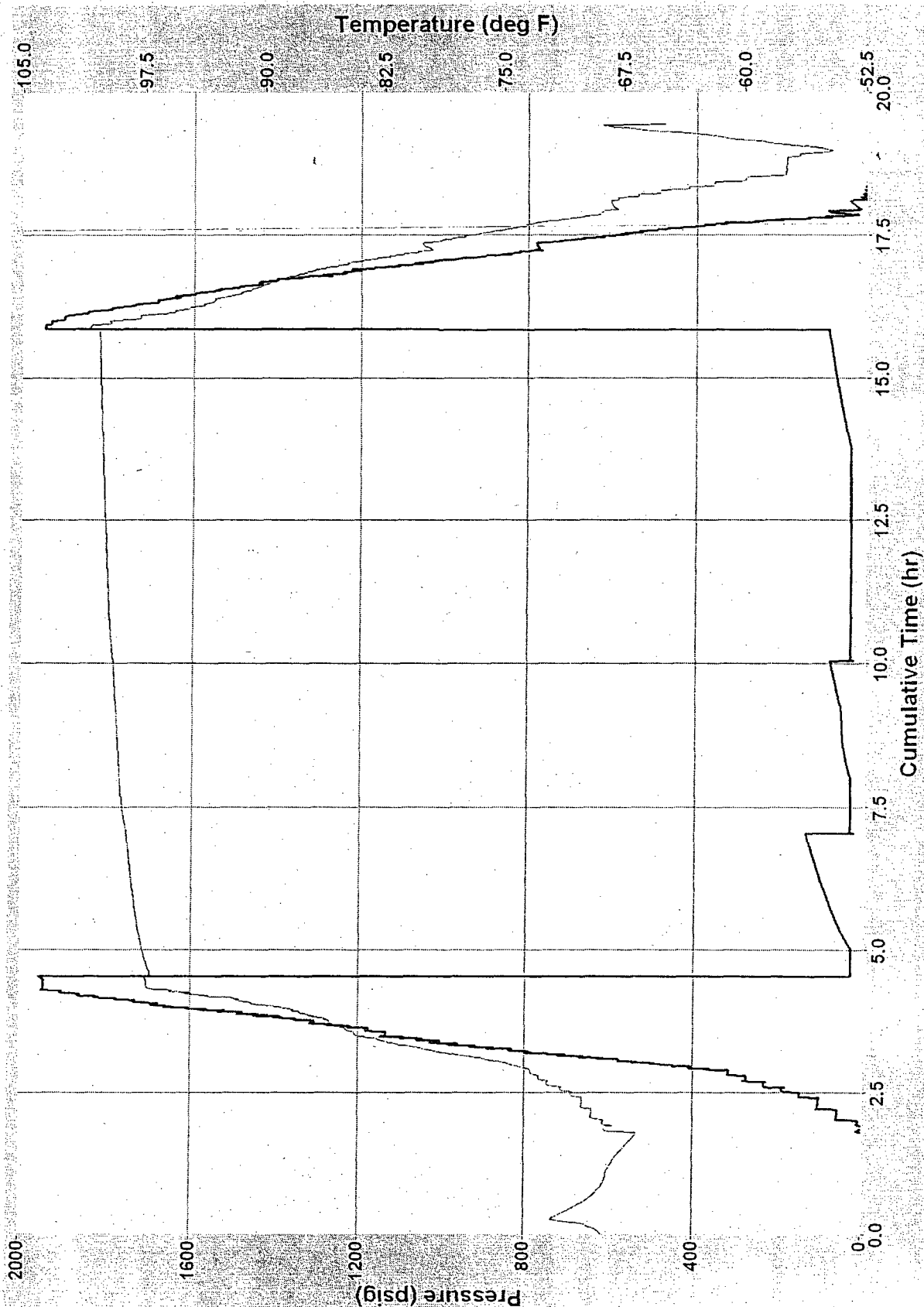


Company Name
Well Name
Type of Test
Date(s) of Test

YATES ENERGY CORPORATION
NORTH HESS FED. "23" #1
DST #2 2nd BONE SPRINGS SAND
1-19-2006 4263 - 4441 FT.



RIG TESTERS, INC. GAUGE # 9635



YATES ENERGY CORPORATION


 NORTH HESS FED. "23" # 1
 D.S.T. NO. : 2

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 4275 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			44.10	.00
1.0	1.0			39.72	-4.38
2.0	2.0			40.65	-3.45
3.0	3.0			42.10	-2.00
4.0	4.0			40.88	-3.22
5.0	5.0			41.78	-2.32
6.0	6.0			41.70	-2.40
7.0	7.0			41.22	-2.88
8.0	8.0			41.54	-2.56
9.0	9.0			41.40	-2.70
10.0	10.0			42.58	-1.52
11.0	11.0			41.49	-2.61
12.0	12.0			41.80	-2.30
13.0	13.0			42.18	-1.92
14.0	14.0			41.81	-2.29
15.0	15.0			41.80	-2.30
16.0	16.0			42.02	-2.08
17.0	17.0			41.77	-2.33
18.0	18.0			42.10	-2.00
19.0	19.0			42.20	-1.90
20.0	20.0			41.89	-2.21
21.0	21.0			42.40	-1.70
22.0	22.0			42.10	-2.00
23.0	23.0			42.59	-1.51
24.0	24.0			42.20	-1.90
25.0	25.0			43.02	-1.08
26.0	26.0			42.27	-1.83
27.0	27.0			42.90	-1.20
28.0	28.0			42.86	-1.24
29.0	29.0			42.79	-1.31
30.0	30.0			43.60	-.50
FIRST SHUT-IN					
30.0	30.0	.00	.000	43.60	.00
30.5	30.0	.50	61.000	44.33	.73
31.0	30.0	1.00	31.000	45.17	1.57
31.5	30.0	1.50	21.000	45.90	2.30
32.0	30.0	2.00	16.000	46.75	3.15
32.5	30.0	2.50	13.000	47.47	3.87
33.0	30.0	3.00	11.000	48.30	4.70
33.5	30.0	3.50	9.571	49.03	5.43
34.0	30.0	4.00	8.500	49.77	6.17
34.5	30.0	4.50	7.667	50.40	6.80
35.0	30.0	5.00	7.000	51.15	7.55
36.0	30.0	6.00	6.000	52.60	9.00

YATES ENERGY CORPORATION


 NORTH HESS FED. "23" # 1
 D.S.T. NO. : 2

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 4275 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 SHUT-IN					
37.0	30.0	7.00	5.286	53.97	10.37
38.0	30.0	8.00	4.750	55.25	11.65
39.0	30.0	9.00	4.333	56.60	13.00
40.0	30.0	10.00	4.000	57.77	14.17
42.0	30.0	12.00	3.500	60.30	16.70
44.0	30.0	14.00	3.143	62.65	19.05
46.0	30.0	16.00	2.875	64.98	21.38
48.0	30.0	18.00	2.667	67.30	23.70
50.0	30.0	20.00	2.500	69.46	25.86
52.0	30.0	22.00	2.364	71.58	27.98
54.0	30.0	24.00	2.250	73.80	30.20
56.0	30.0	26.00	2.154	75.77	32.17
58.0	30.0	28.00	2.071	77.88	34.28
60.0	30.0	30.00	2.000	79.80	36.20
63.0	30.0	33.00	1.909	82.80	39.20
66.0	30.0	36.00	1.833	85.70	42.10
69.0	30.0	39.00	1.769	88.50	44.90
72.0	30.0	42.00	1.714	91.30	47.70
75.0	30.0	45.00	1.667	94.00	50.40
78.0	30.0	48.00	1.625	96.60	53.00
81.0	30.0	51.00	1.588	99.30	55.70
84.0	30.0	54.00	1.556	101.80	58.20
87.0	30.0	57.00	1.526	104.20	60.60
90.0	30.0	60.00	1.500	106.80	63.20
93.0	30.0	63.00	1.476	109.20	65.60
96.0	30.0	66.00	1.455	111.60	68.00
99.0	30.0	69.00	1.435	114.00	70.40
102.0	30.0	72.00	1.417	116.30	72.70
105.0	30.0	75.00	1.400	118.60	75.00
108.0	30.0	78.00	1.385	120.80	77.20
111.0	30.0	81.00	1.370	123.10	79.50
114.0	30.0	84.00	1.357	125.30	81.70
117.0	30.0	87.00	1.345	127.50	83.90
120.0	30.0	90.00	1.333	129.70	86.10
125.0	30.0	95.00	1.316	133.17	89.57
130.0	30.0	100.00	1.300	136.68	93.08
135.0	30.0	105.00	1.286	140.20	96.60
140.0	30.0	110.00	1.273	143.49	99.89
145.0	30.0	115.00	1.261	146.88	103.28
149.5	30.0	119.52	1.251	149.90	106.30

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 4275 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
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SECOND FLOW

150.2	30.7			43.60	.00
152.2	32.7			46.57	2.97
154.2	34.7			45.77	2.17
156.2	36.7			45.60	2.00
158.2	38.7			45.60	2.00
160.2	40.7			45.60	2.00
162.2	42.7			45.50	1.90
164.2	44.7			45.68	2.08
166.2	46.7			45.59	1.99
168.2	48.7			45.40	1.80
170.2	50.7			45.52	1.92
172.2	52.7			45.58	1.98
174.2	54.7			45.00	1.40
176.2	56.7			45.43	1.83
178.2	58.7			45.18	1.58
180.2	60.7			45.20	1.60
182.2	62.7			45.05	1.45
184.2	64.7			45.35	1.75
186.2	66.7			45.40	1.80
188.2	68.7			45.35	1.75
190.2	70.7			45.50	1.90
192.2	72.7			45.70	2.10
194.2	74.7			45.50	1.90
196.2	76.7			45.68	2.08
198.2	78.7			44.70	1.10
200.2	80.7			45.85	2.25
202.2	82.7			45.89	2.29
204.2	84.7			44.70	1.10
206.2	86.7			46.30	2.70
208.2	88.7			45.78	2.18
209.3	89.8			46.00	2.40

SECOND SHUT-IN

209.3	89.8	.00	.000	46.00	.00
209.8	89.8	.50	180.520	46.42	.42
210.3	89.8	1.00	90.760	46.92	.92
210.8	89.8	1.50	60.840	47.30	1.30
211.3	89.8	2.00	45.880	47.82	1.82
211.8	89.8	2.50	36.904	48.13	2.13
212.3	89.8	3.00	30.920	48.60	2.60
212.8	89.8	3.50	26.646	48.92	2.92
213.3	89.8	4.00	23.440	49.33	3.33
213.8	89.8	4.50	20.947	49.70	3.70
214.3	89.8	5.00	18.952	50.11	4.11
215.3	89.8	6.00	15.960	50.70	4.70

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 4275 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT, ---MIN---	(T+DT)/DT (HORNOR) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
SECOND SHUT-IN					
216.3	89.8	7.00	13.823	51.44	5.44
217.3	89.8	8.00	12.220	52.21	6.21
218.3	89.8	9.00	10.973	52.80	6.80
219.3	89.8	10.00	9.976	53.43	7.43
221.3	89.8	12.00	8.480	54.60	8.60
223.3	89.8	14.00	7.411	55.81	9.81
225.3	89.8	16.00	6.610	56.82	10.82
227.3	89.8	18.00	5.987	57.70	11.70
229.3	89.8	20.00	5.488	58.62	12.62
231.3	89.8	22.00	5.080	59.50	13.50
233.3	89.8	24.00	4.740	60.20	14.20
235.3	89.8	26.00	4.452	60.90	14.90
237.3	89.8	28.00	4.206	61.60	15.60
239.3	89.8	30.00	3.992	62.20	16.20
242.3	89.8	33.00	3.720	63.20	17.20
245.3	89.8	36.00	3.493	64.00	18.00
248.3	89.8	39.00	3.302	64.70	18.70
251.3	89.8	42.00	3.137	65.30	19.30
254.3	89.8	45.00	2.995	65.80	19.80
257.3	89.8	48.00	2.870	66.30	20.30
260.3	89.8	51.00	2.760	66.70	20.70
263.3	89.8	54.00	2.662	67.10	21.10
266.3	89.8	57.00	2.575	67.40	21.40
269.3	89.8	60.00	2.496	67.60	21.60
272.3	89.8	63.00	2.425	67.90	21.90
275.3	89.8	66.00	2.360	68.10	22.10
278.3	89.8	69.00	2.301	69.00	23.00
281.3	89.8	72.00	2.247	70.40	24.40
284.3	89.8	75.00	2.197	71.80	25.80
287.3	89.8	78.00	2.151	73.50	27.50
290.3	89.8	81.00	2.108	75.10	29.10
293.3	89.8	84.00	2.069	76.80	30.80
296.3	89.8	87.00	2.032	78.40	32.40
299.3	89.8	90.00	1.997	80.00	34.00
304.3	89.8	95.00	1.945	82.71	36.71
309.3	89.8	100.00	1.898	85.15	39.15
314.3	89.8	105.00	1.855	87.80	41.80
319.3	89.8	110.00	1.816	90.21	44.21
324.3	89.8	115.00	1.781	92.72	46.72
329.3	89.8	120.00	1.748	95.10	49.10
329.8	89.8	120.48	1.745	95.20	49.20

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 4275 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
THIRD FLOW					
330.2	90.2			39.20	.00
335.2	95.2			46.70	7.50
340.2	100.2			46.67	7.47
345.2	105.2			46.80	7.60
350.2	110.2			46.90	7.70
355.2	115.2			46.52	7.32
360.2	120.2			46.80	7.60
365.2	125.2			46.80	7.60
370.2	130.2			46.85	7.65
375.2	135.2			46.30	7.10
380.2	140.2			46.77	7.57
385.2	145.2			46.98	7.78
390.2	150.2			47.00	7.80
395.2	155.2			47.37	8.17
400.2	160.2			47.28	8.08
405.2	165.2			47.10	7.90
410.2	170.2			47.00	7.80
415.2	175.2			47.32	8.12
420.2	180.2			47.30	8.10
425.2	185.2			47.40	8.20
430.2	190.2			47.66	8.46
435.2	195.2			47.80	8.60
440.2	200.2			47.70	8.50
445.2	205.2			47.42	8.22
450.2	210.2			47.60	8.40
455.2	215.2			47.58	8.38
460.2	220.2			47.78	8.58
465.2	225.2			47.80	8.60
470.2	230.2			47.38	8.18
475.2	235.2			47.80	8.60
480.2	240.2			47.50	8.30
485.2	245.2			48.00	8.80
490.2	250.2			47.71	8.51
495.2	255.2			48.00	8.80
500.2	260.2			48.07	8.87
505.2	265.2			48.09	8.89
510.2	270.2			47.70	8.50
515.2	275.2			47.83	8.63
520.2	280.2			48.20	9.00
525.2	285.2			47.70	8.50
530.2	290.2			48.20	9.00
535.2	295.2			47.75	8.55
540.2	300.2			48.20	9.00
545.2	305.2			48.20	9.00

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 4275 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
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THIRD FLOW

550.2	310.2			48.51	9.31
555.2	315.2			48.30	9.10
555.8	315.8			48.40	9.20

THIRD SHUT-IN

555.8	315.8	.00	.000	48.40	.00
556.3	315.8	.50	632.560	48.82	.42
556.8	315.8	1.00	316.780	49.11	.71
557.3	315.8	1.50	211.520	49.50	1.10
557.8	315.8	2.00	158.890	49.72	1.32
558.3	315.8	2.50	127.312	50.03	1.63
558.8	315.8	3.00	106.260	50.30	1.90
559.3	315.8	3.50	91.223	50.70	2.30
559.8	315.8	4.00	79.945	50.91	2.51
560.3	315.8	4.50	71.173	51.10	2.70
560.8	315.8	5.00	64.156	51.50	3.10
561.8	315.8	6.00	53.630	51.80	3.40
562.8	315.8	7.00	46.111	52.51	4.11
563.8	315.8	8.00	40.473	52.92	4.52
564.8	315.8	9.00	36.087	53.50	5.10
565.8	315.8	10.00	32.578	54.10	5.70
567.8	315.8	12.00	27.315	55.00	6.60
569.8	315.8	14.00	23.556	56.02	7.62
571.8	315.8	16.00	20.736	57.11	8.71
573.8	315.8	18.00	18.543	58.10	9.70
575.8	315.8	20.00	16.789	59.12	10.72
577.8	315.8	22.00	15.354	60.11	11.71
579.8	315.8	24.00	14.158	61.00	12.60
581.8	315.8	26.00	13.145	62.01	13.61
583.8	315.8	28.00	12.278	63.01	14.61
585.8	315.8	30.00	11.526	63.90	15.50
588.8	315.8	33.00	10.569	65.30	16.90
591.8	315.8	36.00	9.772	66.70	18.30
594.8	315.8	39.00	9.097	68.10	19.70
597.8	315.8	42.00	8.519	69.40	21.00
600.8	315.8	45.00	8.017	70.70	22.30
603.8	315.8	48.00	7.579	72.10	23.70
606.8	315.8	51.00	7.192	73.30	24.90
609.8	315.8	54.00	6.848	74.70	26.30

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

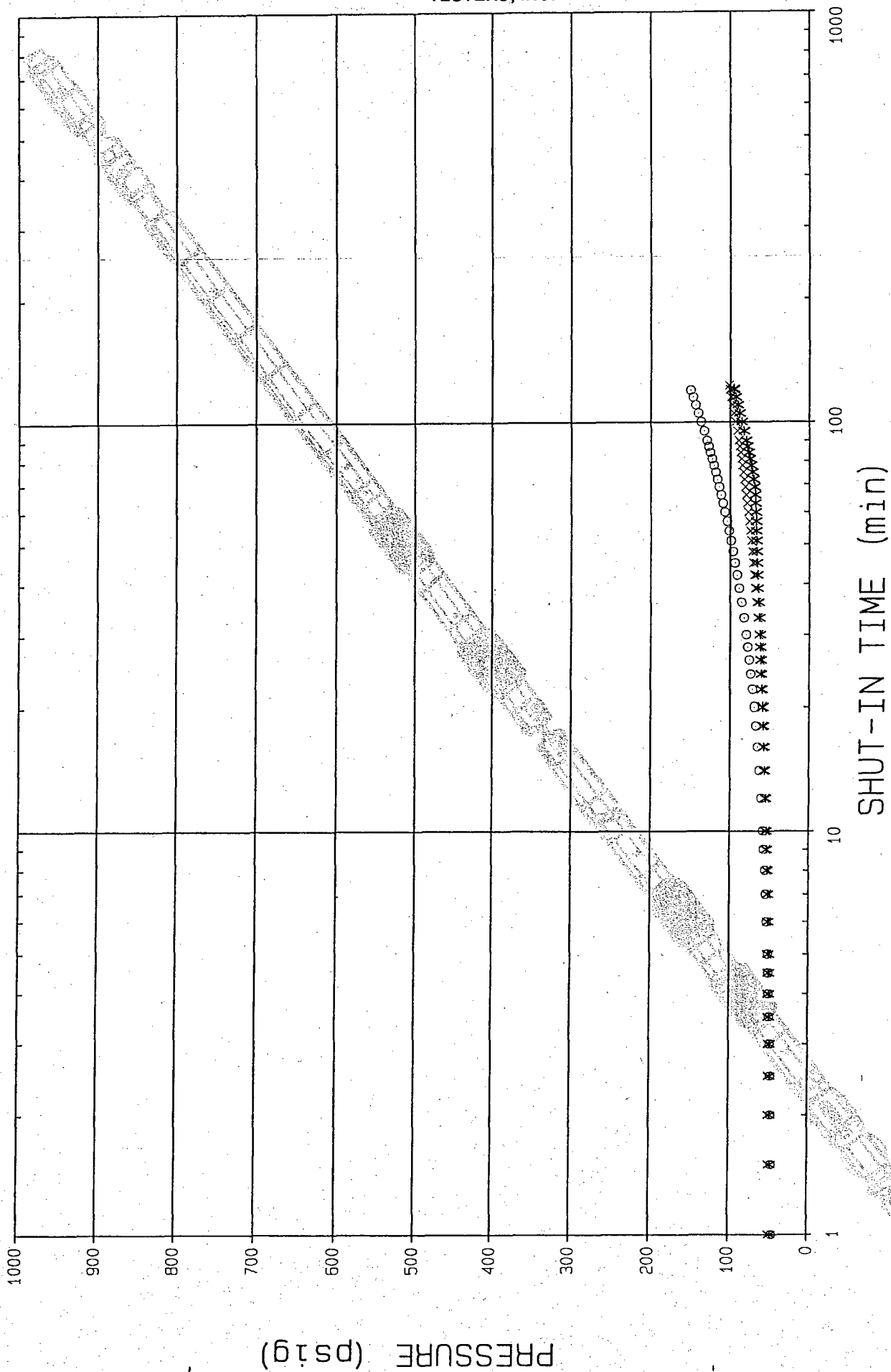
RECORDER DEPTH : 4275 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
THIRD SHUT-IN					
612.8	315.8	57.00	6.540	76.00	27.60
615.8	315.8	60.00	6.263	77.20	28.80
618.8	315.8	63.00	6.012	78.50	30.10
621.8	315.8	66.00	5.785	79.70	31.30
624.8	315.8	69.00	5.577	81.00	32.60
627.8	315.8	72.00	5.386	82.10	33.70
630.8	315.8	75.00	5.210	83.40	35.00
633.8	315.8	78.00	5.048	84.60	36.20
636.8	315.8	81.00	4.899	85.80	37.40
639.8	315.8	84.00	4.759	86.90	38.50
642.8	315.8	87.00	4.630	88.10	39.70
645.8	315.8	90.00	4.509	89.30	40.90
650.8	315.8	95.00	4.324	91.20	42.80
655.8	315.8	100.00	4.158	93.03	44.63
660.8	315.8	105.00	4.007	95.00	46.60
665.8	315.8	110.00	3.871	96.81	48.41
670.8	315.8	115.00	3.746	98.71	50.31
675.8	315.8	120.00	3.632	100.40	52.00
678.5	315.8	122.70	3.574	101.50	53.10

REMARKS

THE INCREMENTAL PRESSURE, PLOTS & ANALYSIS ARE FROM ELECTRONIC RECORDERS
PLEASE REFER TO DERIVATIVE DIAGNOSTICS ANALYSIS FOR FURTHER INFORMATION
PRESSURE DATA (ASCII FILE) IS AVAILABLE ON DISKETTE WHEN REQUESTED

PRESSURE TIME



YATES ENERGY CORPORATION
NORTH HESS FED. "23" # 1



RigTesters, Inc.
ABILENE - MIDLAND - GRAHAM

YATES ENERGY CORPORATION NORTH HESS FED. "23" # 1



Well identification

Well ID	NORTH HESS "28"	Well location	40 SW. CARLSBAD
County/District	EDDY	State, Country	NEW MEXICO
Company	YATES ENERGY C	Division	ROSWELL

Fluid properties

Prod/Inj fluid	OIL	GOR	350:1
Water cut	0%	Condensate yield	UNKNOWN
API gravity	38.50	Gas spec. grav.	0.675
Viscosity	1.4772 cp	Pseudo-critical T	377.17 deg R
Pseudo-critical P	666.05 psia	H2S mole fraction	UNKNOWN
CO2 mole fraction	UNKNOWN	N2 mole fraction	UNKNOWN
Compressibility(t)	15.648 e-6/psi	Formation vol factor	1.1858 RB/STB

Reservoir properties

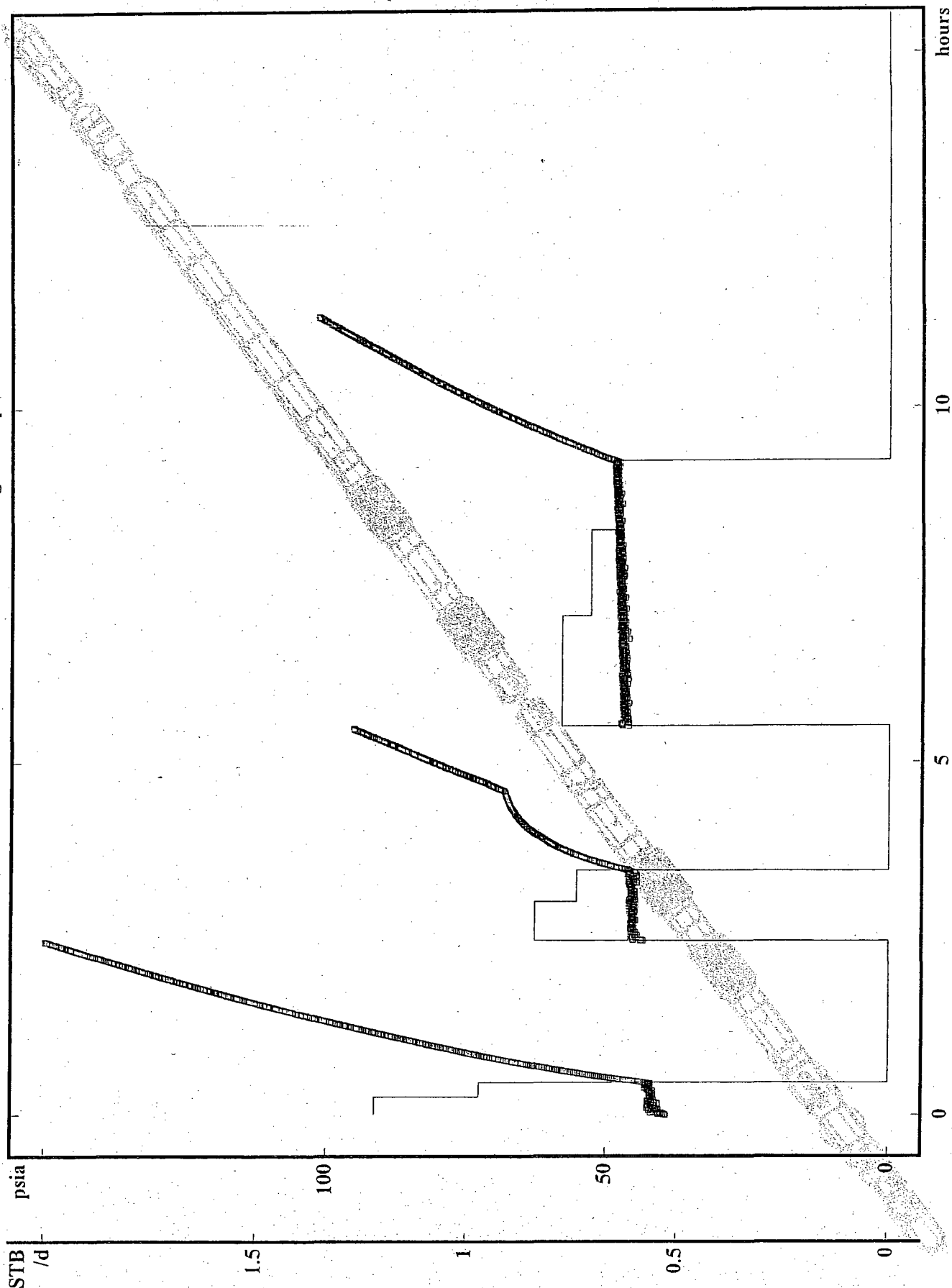
Porosity	0.1 frac	Formation thickness	40 ft
Wellbore radius	0.32813 ft	Prod-observer distance	N/A
Water-Oil Contact	UNKNOWN	Gas-Oil Contact	N/A
Gas-Water Contact	UNKNOWN	Rock compressibility	
Reservoir temperature	100 deg F	Pressure for properties	1776.4 psia

Comments

THE DERIVATIVES CONFIRM COMPLETE DOMINATION OF WELLBORE STORAGE EFFECT ON ALL THREE SHUT-IN PERIODS. ANY CALCULATIONS (EXTRAPOLATIONS, PERMEABILITY, SKIN, ETC.) UNDER THIS CONDITION WOULD BE AMBIGUOUS & UNRELIABLE. THE SECOND SHUT-IN PERIOD DOES SHOW A SECONDARY POROSITY RESPONSE IN MID-TIME DATA, BUT CALCULATIONS FROM IT WOULD NOT BE RELIABLE EITHER. THE FIXED PARAMETERS USED WERE AN EST. 10% POROSITY, 40 FT. OF NET PAY REPORTED AND AVERAGE (TIME WEIGHTED) PRODUCTION OF .71 BBLs. OF FLUID FOR THIRD FLOW PERIOD. THE RATES WERE BASED ON DENSITY OF FLUID RECOVERED VS. FLOWING PRESSURES. **NOTE; THE OVERALL TEST DATA INDICATES EXTREMELY LOW PERMEABILITY ASSOCIATED WITH LOW POROSITY.

YATES ENERGY CORPORATION NORTH HESS FED. "23" # 1

Pressure and flow rate vs time during test sequence

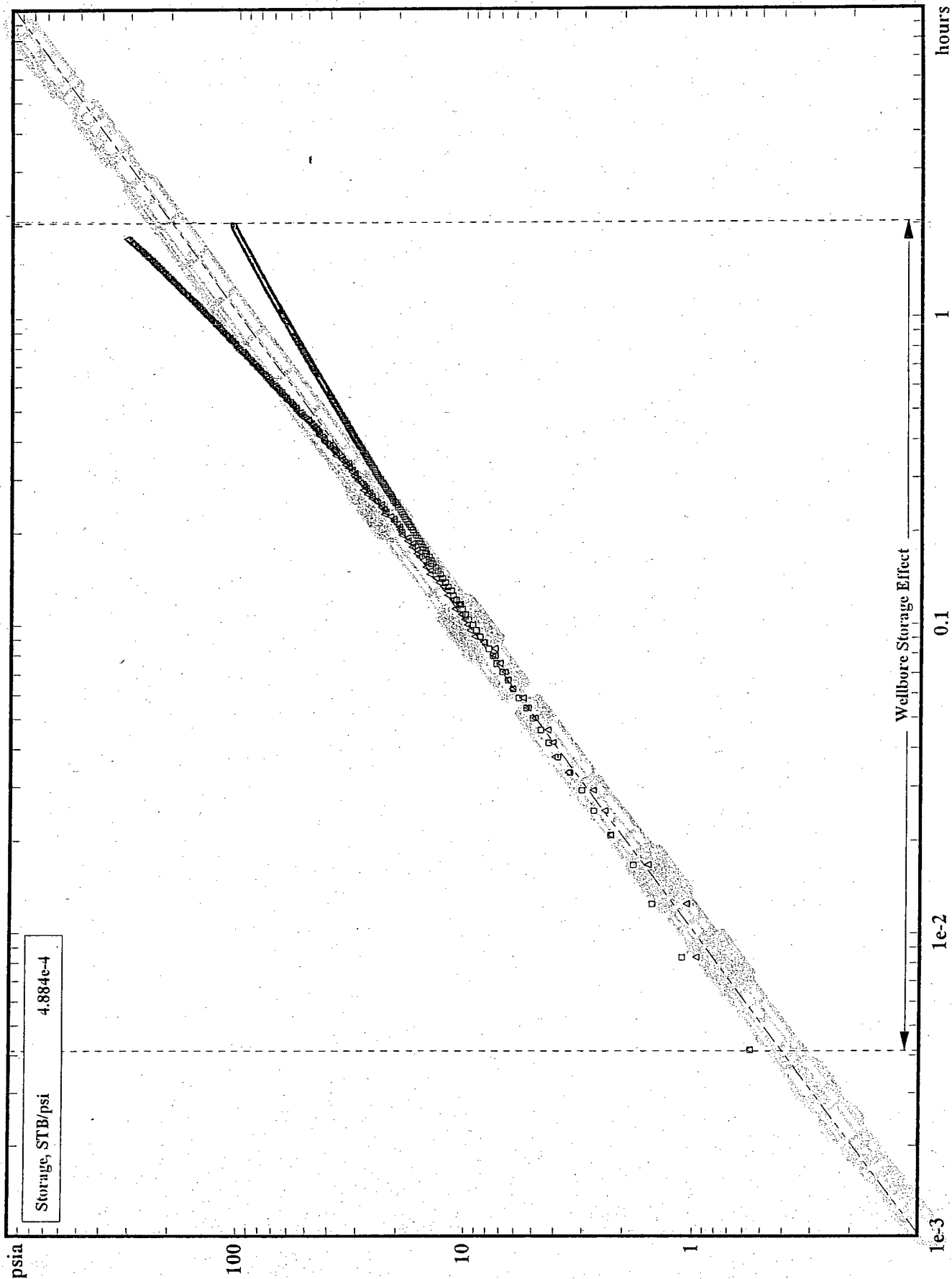


DST #2 2nd BONE SPRINGS SAND 4263 - 4441 FT.



YATES ENERGY CORPORATION NORTH HESS FED. "23" #1

Diagnostic plot (pressure & time)

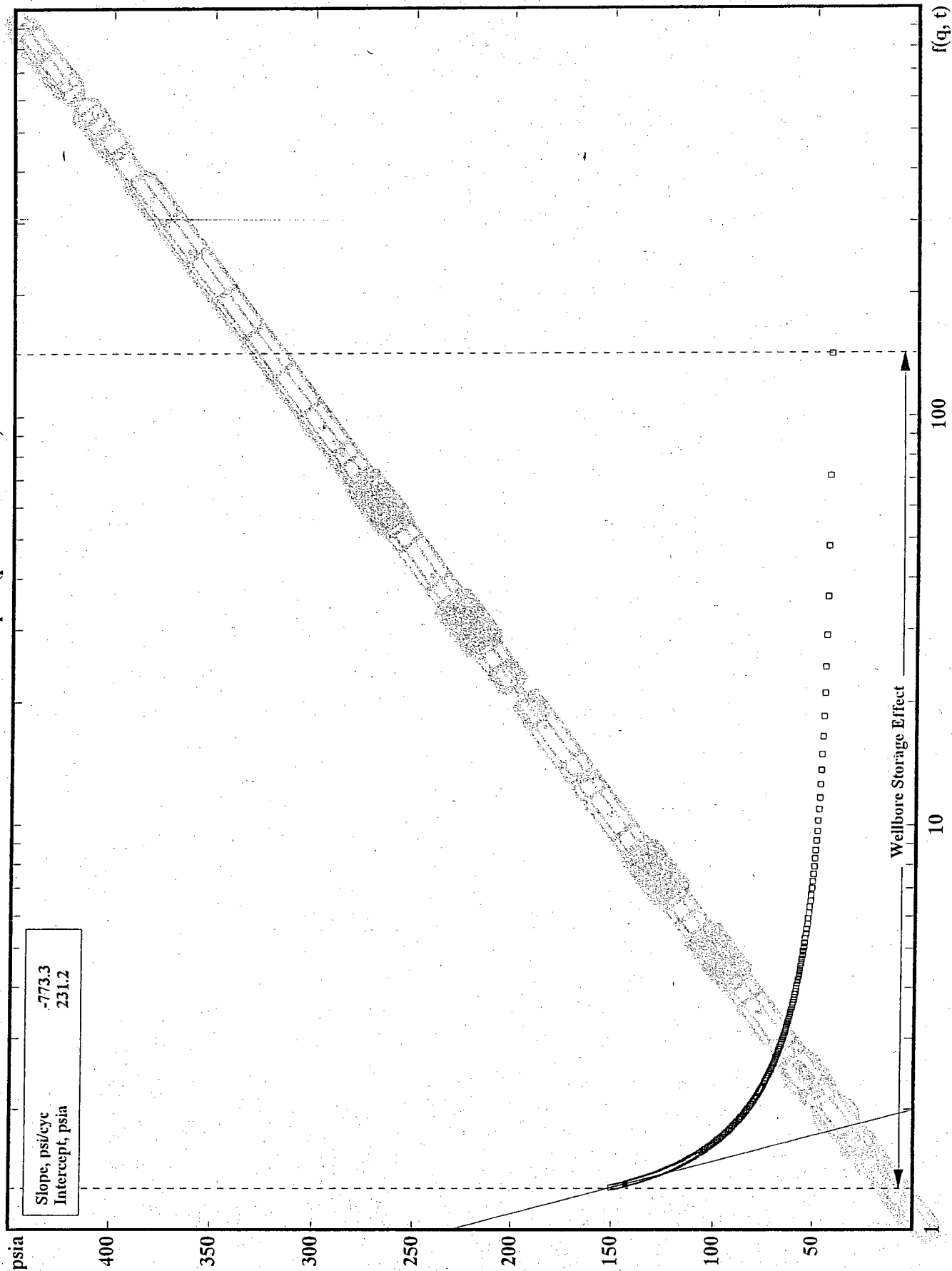


FIRST SHUT-IN PERIOD DST #2



YATES ENERGY CORPORATION NORTH HESS FED. "23" #1

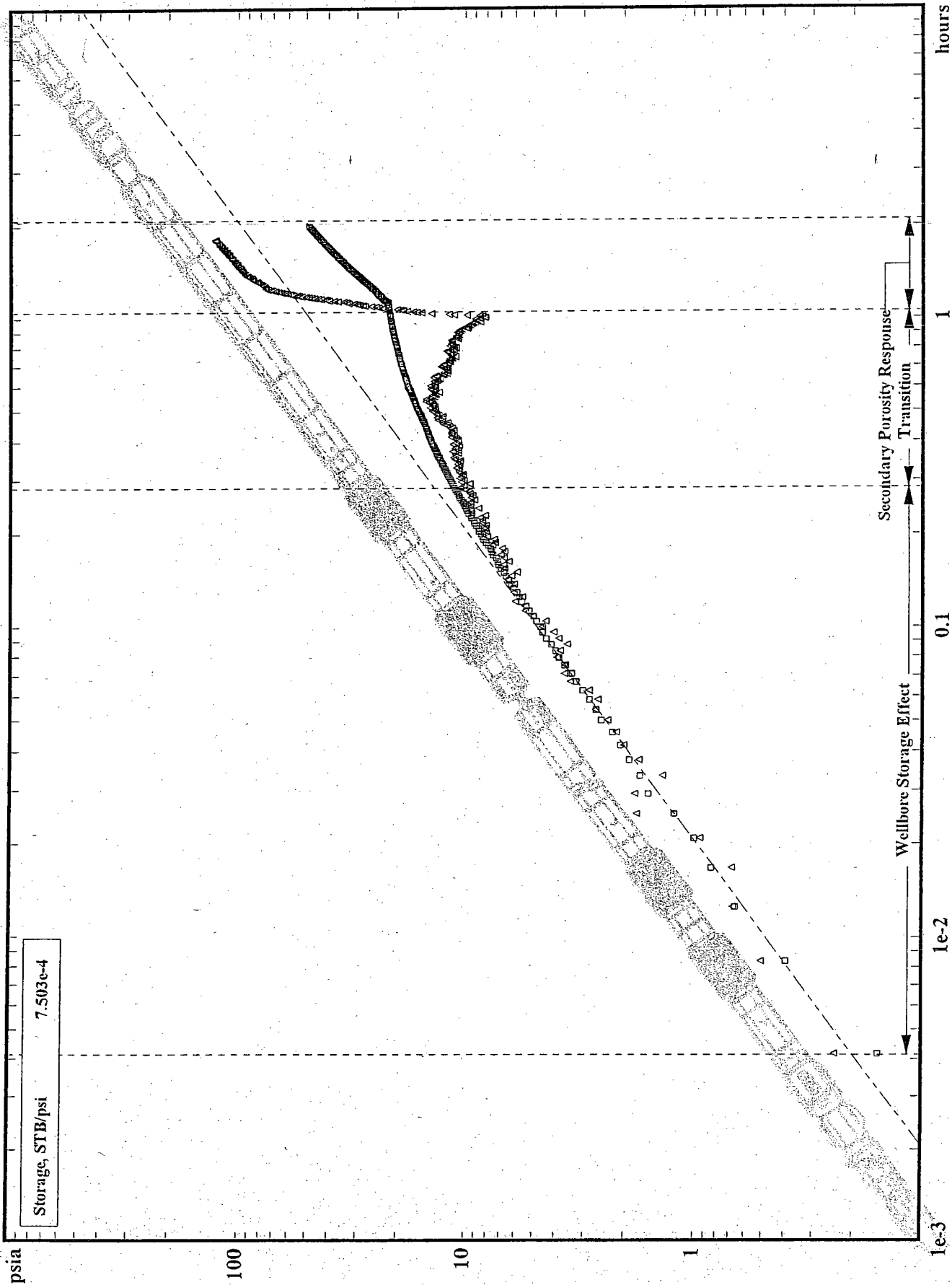
Variable rate Horner plot (pressure & time)



FIRST SHUT-IN PERIOD DST #2

YATES ENERGY CORPORATION NORTH HESS FED. "23" #1

Diagnostic plot (pressure & time)

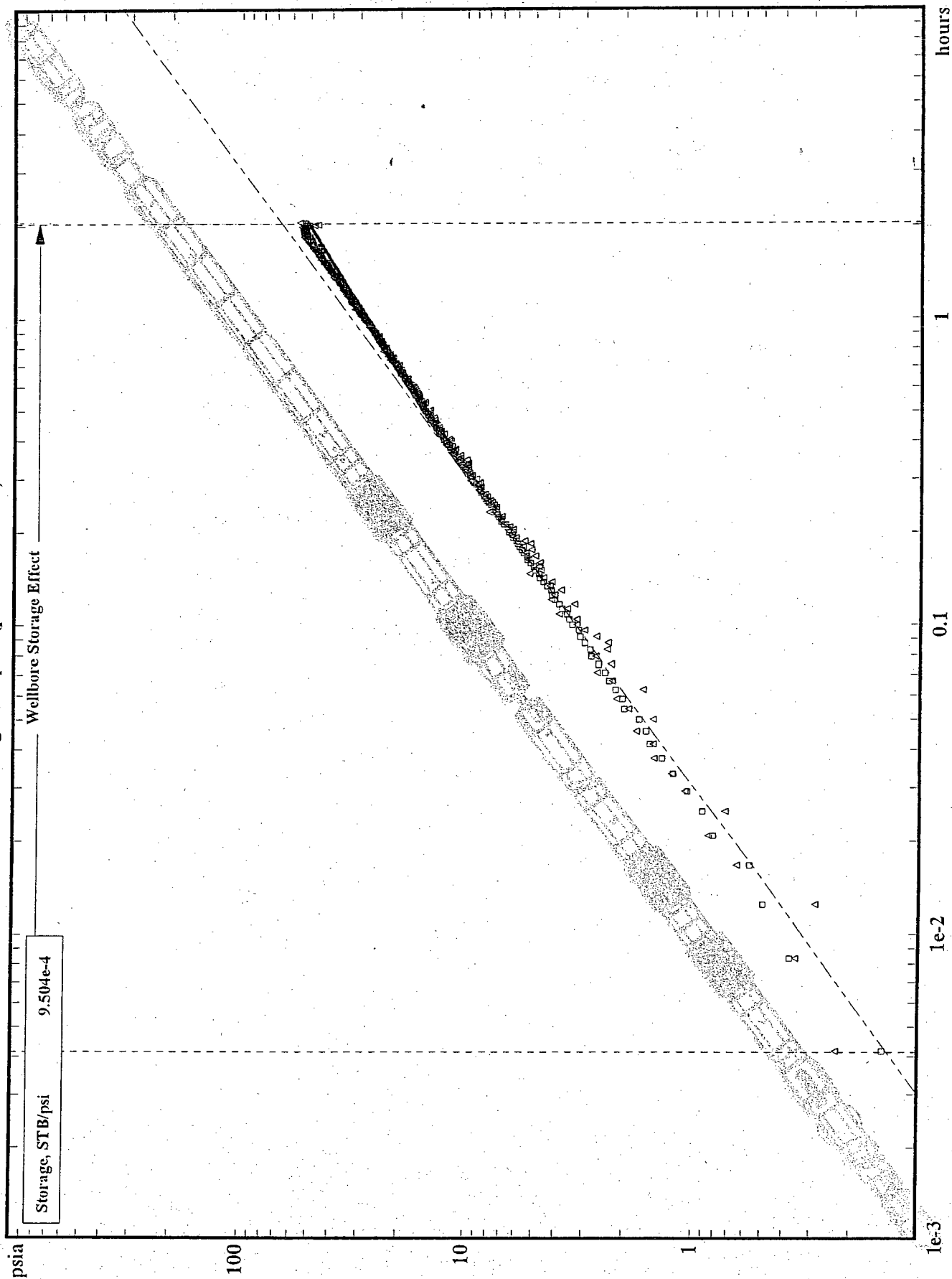


SECOND SHUT-IN PERIOD DST #2



YATES ENERGY CORPORATION NORTH HESS FED. "23" # 1

Diagnostic plot (pressure & time)

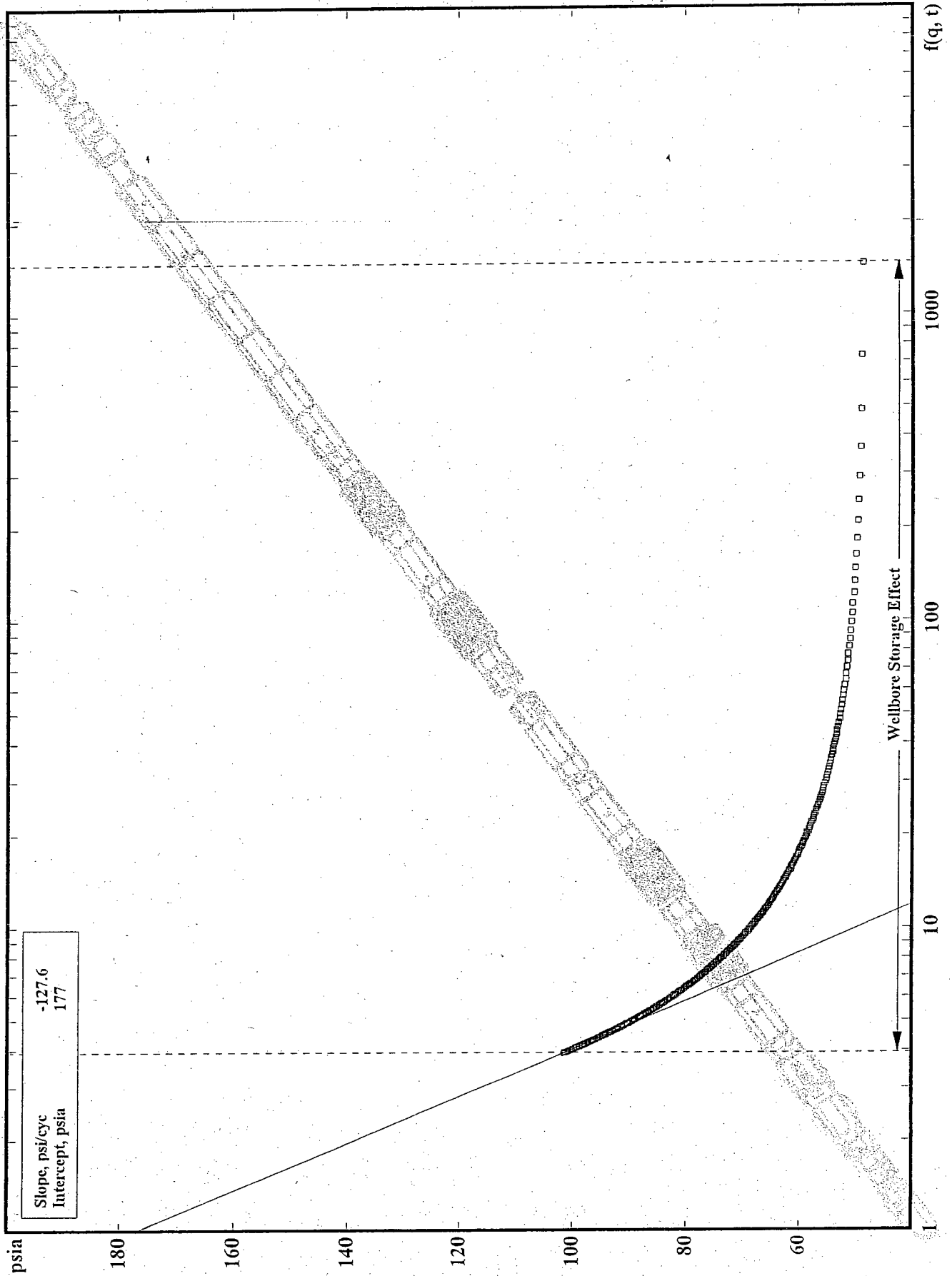


THIRD SHUT-IN PERIOD DST #2



YATES ENERGY CORPORATION NORTH HESS FED. "23" # 1

Variable rate Horner plot (pressure & time)



THIRD SHUT-IN PERIOD DST #2



YATES ENERGY CORP.

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

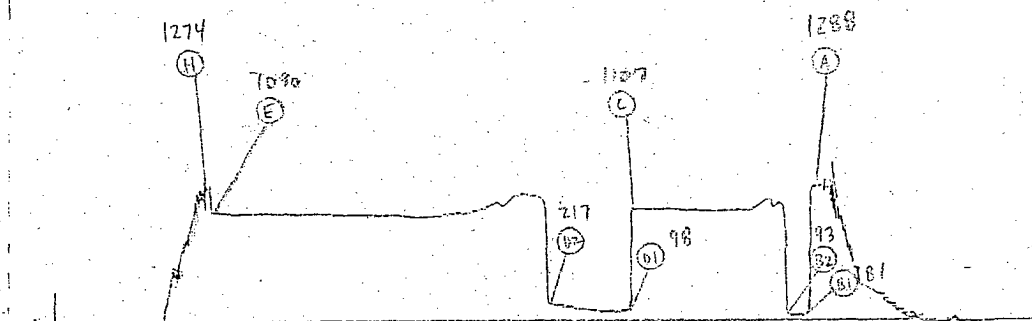
		CORRECTED READING	FIELD READING
A	INITIAL HYDROSTATIC:	1278 PSI	1278 PSI
B-1	INITIAL FIRST FLOW :	36 PSI	36 PSI
B-2	FINAL FIRST FLOW :	83 PSI	83 PSI
C	FIRST SHUT-IN :	1096 PSI	1096 PSI
D-1	INITIAL SECOND FLOW:	88 PSI	88 PSI
D-2	FINAL SECOND FLOW :	207 PSI	207 PSI
E	SECOND SHUT-IN :	1066 PSI	1066 PSI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

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

RECEIVED

MAR 13 2006

OCC-ARTERIA



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

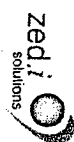
TOOL OPENED WITH VERY WEAK BLOW (TOP OF WATER) WHICH BUILT TO (4" IN WATER) AT END OF 30 MIN. FIRST FLOW. REOPENED TOOL WITH NO BLOW FOR 20 MIN. WHICH THEN BUILT TO (TOP OF WATER) & CONTINUED INCREASING SLOWLY TO (1" IN WATER) AT END OF 120 MIN. FINAL FLOW PERIOD.

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

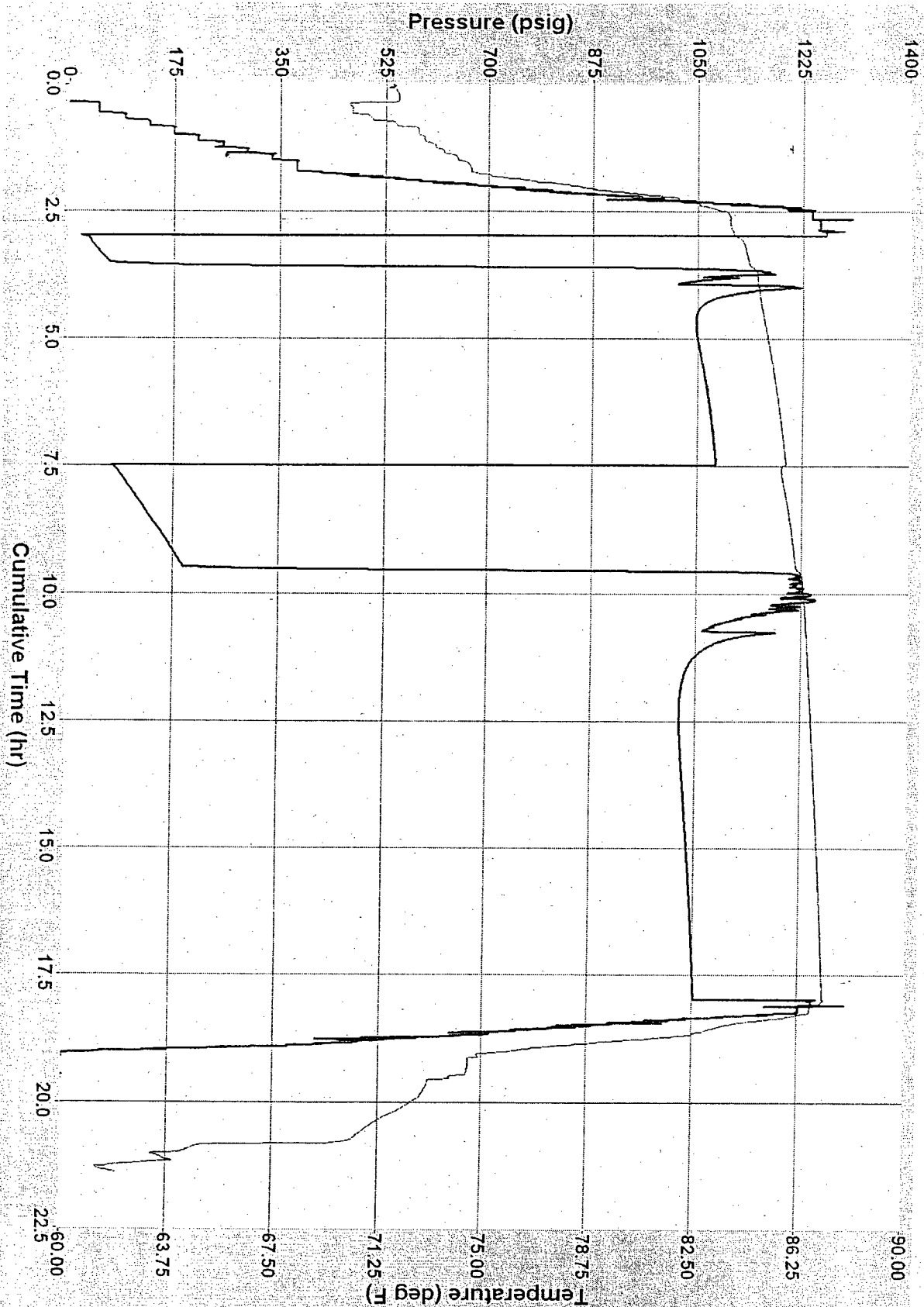


Company Name
Well Name
Type of Test
Date(s) of Test

YATES ENERGY CORPORATION
NORTH HESS FED. "23" #1
DST #1 BONE SPRINGS
1-15-2006 2900 - 2943 FT.



RIG TESTERS, INC. GAUGE # 50014



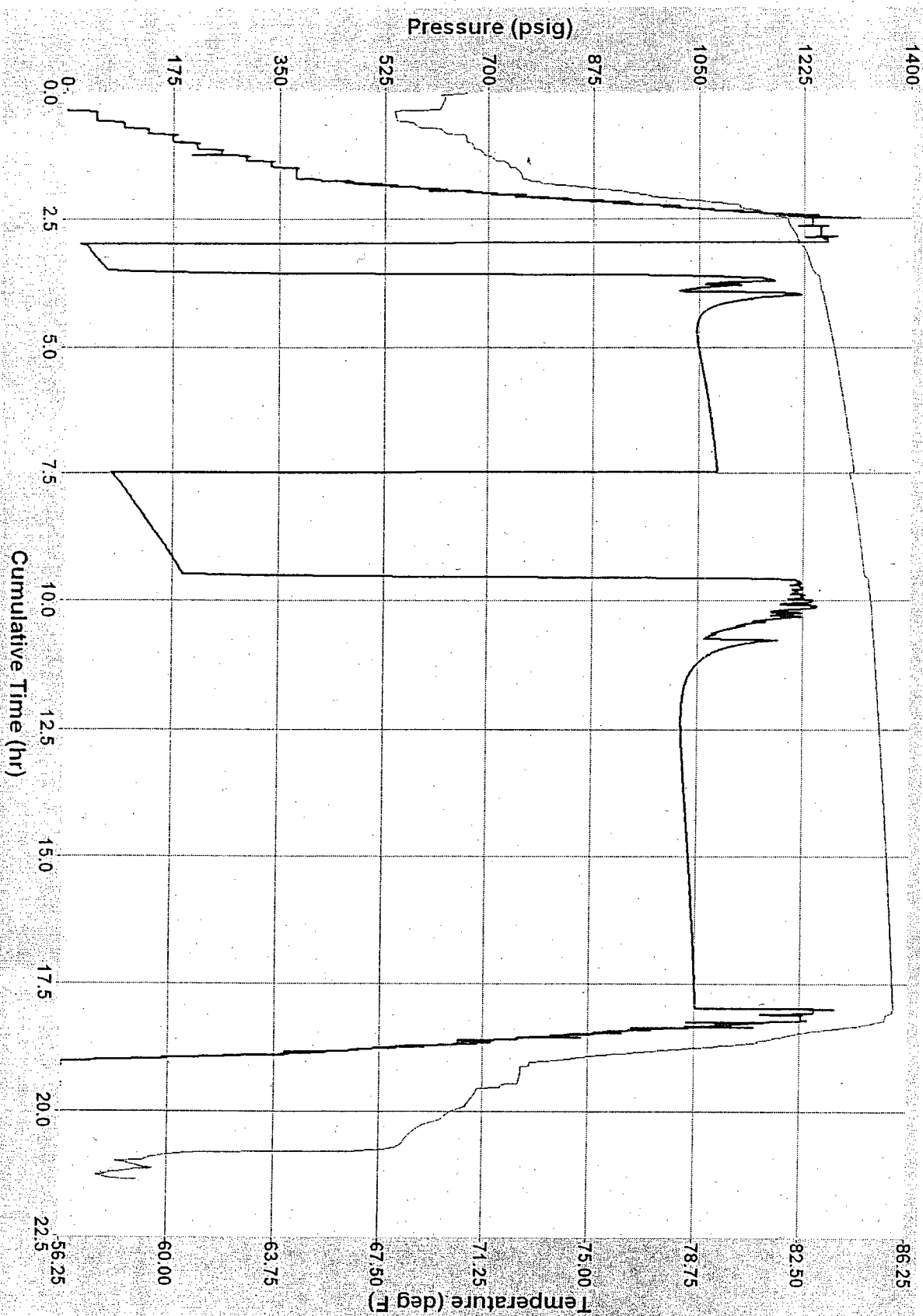


Company Name
Well Name
Type of Test
Date(s) of Test

YATES ENERGY CORPORATION
NORTH HESS FED. "23" #1
DST #1 BONE SPRINGS
1-15-2006 2900 - 2943 FT.



RIG TESTERS, INC. GAUGE # 9628



YATES ENERGY CORP.


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

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

YATES ENERGY CORP.

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

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 (HORNOR)	PRESSURE PSIG	DELTA P PSIG
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



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---
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



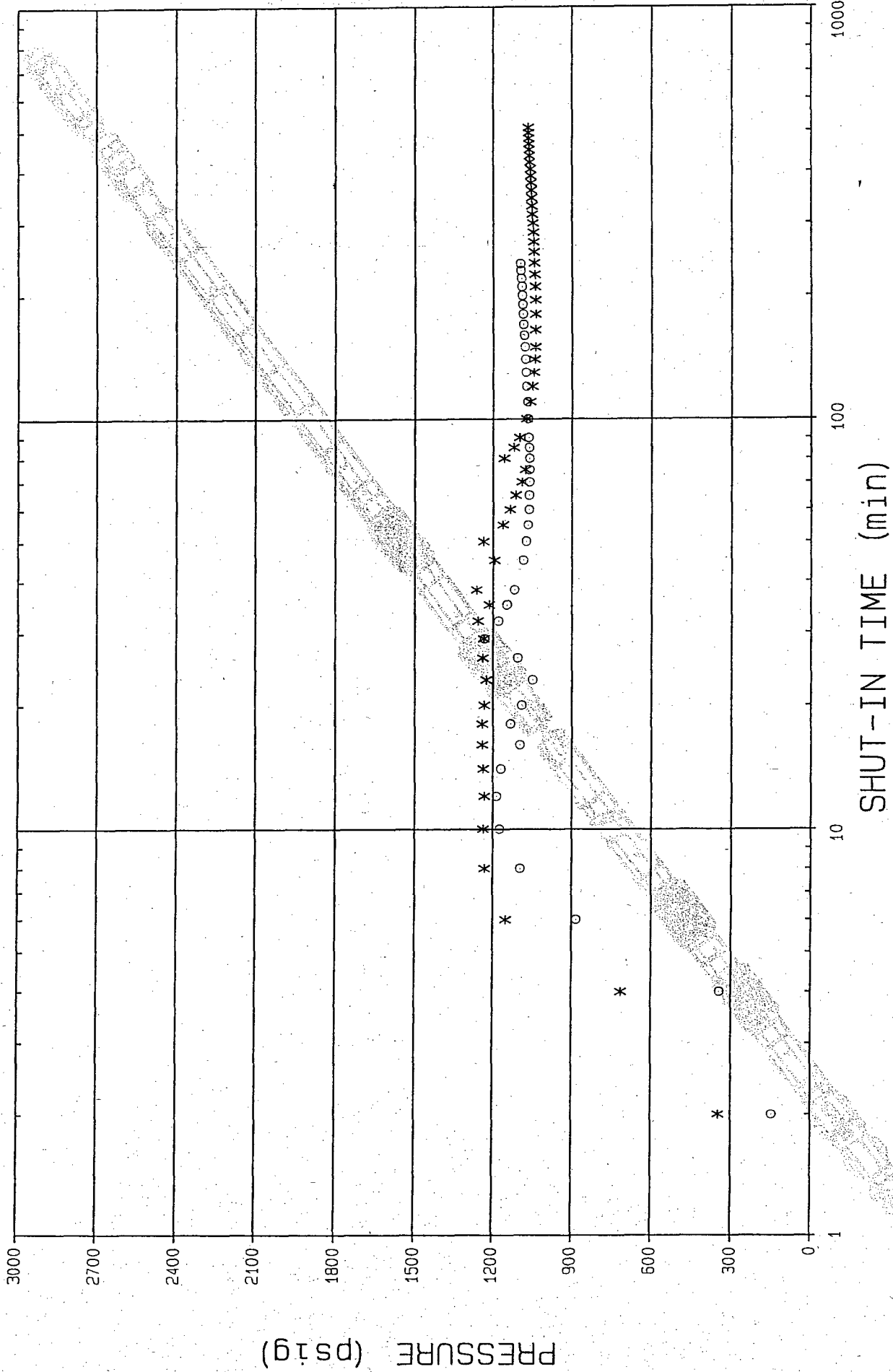
INCREMENTAL PRESSURE DATA

RECORDED DEPTH : 2906 ft

ELAPSED TIME	TOTAL FLOW TIME, T	INCREMENTAL SHUT-IN TIME, DT	(T+DT)/DT (HORNER)	PRESSURE	DELTA P
---MIN---	---MIN---	---MIN---	-----	---PSIG---	---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 TIME

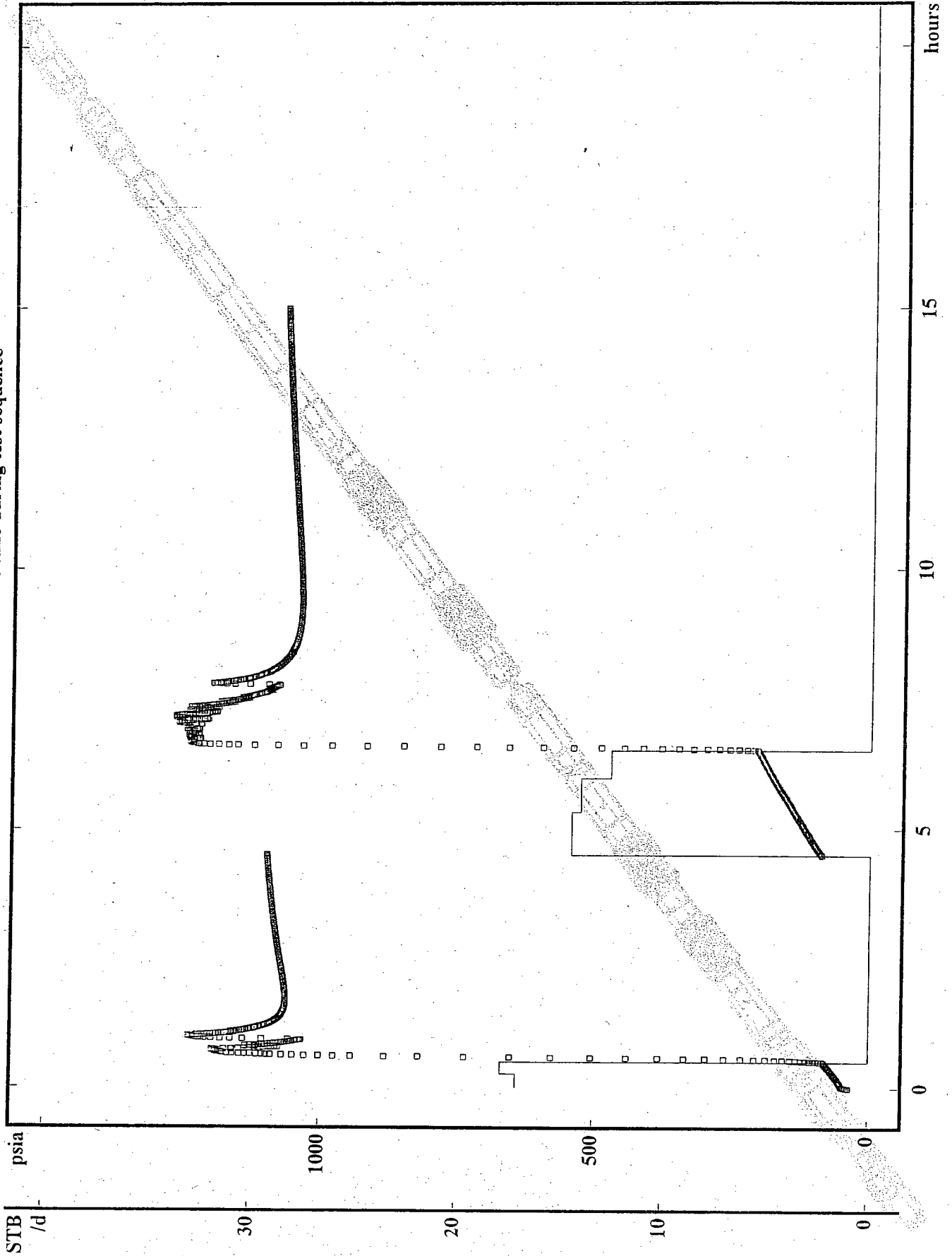


YATES ENERGY CORP.

NORTH HESS FEDERAL "23" # 1

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

Pressure and flow rate vs time during test sequence



DST #1 2900 - 2943 FT. BONE SPRINGS