

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-34342 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER _____			7. Lease Name or Unit Agreement Name King Air State		
2. Name of Operator Marshall & Winston, Inc.			8. Well No. 1		
3. Address of Operator P.O. Box 50880, Midland, TX 79710-0880			9. Pool name or Wildcat Eagle Creek, Strawn		
4. Well Location Unit Letter <u>P</u> <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>17S</u> Range <u>25E</u> NMPM <u>Eddy</u> County					
10. Date Spudded 12-4-05	11. Date T.D. Reached 12-31-05	12. Date Compl. (Ready to Prod.) 4-13-06	13. Elevations (DF& RKB, RT, GR, etc.) 3557' GR	14. Elev. Casinghead 3575'	
15. Total Depth 8164'	16. Plug Back T.D. 8130'	17. If Multiple Compl. How Many Zones? N/A	18. Intervals Drilled By 0-TD	Rotary Tools Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 7592-7638' Strawn				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run DSN/SDL, DLLT/MGRD, GR/CBL				22. Was Well Cored No	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	61	391'	17 1/2"	414 sx	0
9 5/8"	36	1240'	12 1/4"	700 sx	0
5 1/2"	17	8164'	8 3/4"	1700 sx	0
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 3/8"	7513'	7521'			
26. Perforation record (interval, size, and number) 7945-7972', .375", 90 holes 7592-7638', .375", 34 holes			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 7945-7972' CIBP @ 7890' w/ 10' cmt. 7592-7638' 1000 gal 7 1/2% NEFE acid.		
28. PRODUCTION					
Date First Production 4-13-06		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Prod.	
Date of Test 4-17-06	Hours Tested 24	Choke Size 3/4"	Prod'n For Test Period 0	Oil - Bbl 531	Gas - MCF 0
Flow Tubing Press. 314 psig	Casing Pressure 0 psig	Calculated 24-Hour Rate 0	Oil - Bbl. 531	Gas - MCF 0	Water - Bbl. ---
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By
30. List Attachments Open Hole Logs, DST, C104, Inclination Report					
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature <i>Tom M Brandt</i>		Printed Name Tom M. Brandt		Title Vice President	
E-mail Address		Date 4/18/06		Date 4/18/06	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 730'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 7412'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 7684'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 1070'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 2114'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 3428'	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 4060'	T. Morrow 7933'	T. Wingate	T.
T. Wolfcamp 5303'	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C) 6316'	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
1310'	4060'		Dolomite w/ interbedded Limestone.
4060'	5700'		Dolomite w/ interbedded Shale.
5700'	6600'		Limestone w/ interbedded Shale and Chert.
6600'	8164'		Limestone w/ interbedded Shale and Sand.



DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

January 3, 2006

Marshall & Winston, Inc
Claydesta Bank Bldg, Suite 3100
6 Desta Drive
Midland, TX 79705

Re: King Air State #1
Sec 16, T-17-S, R-25-E
Eddy Co, NM

The following is a Deviation Survey on the above referenced well in Eddy County, New Mexico:

473' - 2 1/2°	3445' - 1°	7037' - 1°
752' - 2°	3880' - 2°	7446' - 1/2°
1252' - 1 1/2°	4163' - 1°	7635' - 1°
1275' - 1/2°	4598' - 1°	7884' - 1°
1694' - 2 1/4°	5005' - 1°	8123' - 1 1/4°
1963' - 2 1/2°	5537' - 1°	
2227' - 1 1/2°	5945' - 1°	
2541' - 1 1/2°	6298' - 1°	
2973' - 1 1/4°	6620' - 1 1/2°	

Sincerely,

Gary W Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 3rd day of January, 2006 by Gary W Chappell.

MY COMMISSION EXPIRES

June 19th, 2007

NOTARY PUBLIC



COMPANY : MARSHALL & WINSTON
LEASE : KING AIR STATE
WELL NO. : # 1
FIELD : WILDCAT
COUNTY/STATE : EDDY / NEW MEXICO

RECEIVED
APR 19 2006
OCU-ARTERIA

TEST DATE : 12/28/05
D.S.T. NO. : 1
TEST TKT. NO. : 23430
INVOICE NO. : 21526
ORDER NO. :

FORMATION : ATOKA
INTERVAL (ft) : 7540 TO 7735
TOTAL DEPTH (ft) : 7735
ELEVATION (ft) :

HOLE SIZE (in) : 8.750
DRILL PIPE ID (in) : 3.82
DRILL COLLAR ID(in) : 2.25
DRILL COLLAR feet : 530

ANCHOR LENGTH (ft): 195
TOOL LENGTH (ft) : 56
TOOL O.D. (in) : 5
PACKER SIZE (in) : 7.50

RECORDER DATA
AK-1KUSTER / ZIPROBE

TOP RECORDER: IN
RECORDER NO. : 9634
CAPACITY (psi): 10000
DEPTH (ft) : 7544
CLOCK NO. : 9634
DURATION (hrs): 99

BOTTOM RECORDER: OUT
RECORDER NO. : 13709
CAPACITY (psi): 8725
DEPTH (ft) : 7732
CLOCK NO. : 19463
DURATION (hrs): 24

MUD PROPERTIES

MUD TYPE : SALT / GEL
MUD WT. (#/gal) : 9.70

WATER LOSS (cc) : 10.0
FILTER CAKE (in) : 1/32
VISCOSITY (sec) : 40

CHLORIDE PPM : 89000
RESISTIVITY(ohm-m): .050

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 : NO
MILEAGE : NO
OPERATOR TIME : NO
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 : 6:25 AM

TOTAL TEST TIME: 269

INITIAL FLOW : 30
SECOND FLOW : 58
THIRD FLOW :

INITIAL SHUT-IN: 60
SECOND SHUT-IN : 121
THIRD SHUT IN :

TEST TOOL OPERATOR: DON TERHUNE



MARSHALL & WINSTON

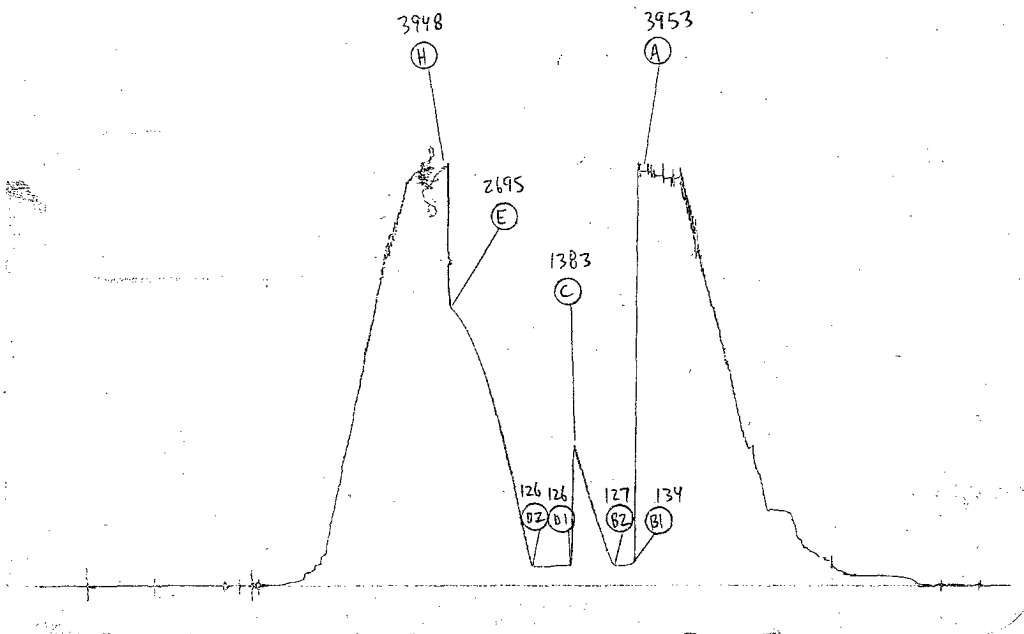
KING AIR STATE # 1
D.S.T. NO. : 1

	CORRECTED READING	FIELD READING
A INITIAL HYDROSTATIC :	3910 PSI	3910 PSI
B-1 INITIAL FIRST FLOW :	80 PSI	80 PSI
B-2 FINAL FIRST FLOW :	88 PSI	88 PSI
C FIRST SHUT-IN :	1336 PSI	1336 PSI
D-1 INITIAL SECOND FLOW :	55 PSI	55 PSI
D-2 FINAL SECOND FLOW :	92 PSI	92 PSI
E SECOND SHUT-IN :	2648 PSI	2648 PSI
H FINAL HYDROSTATIC :	3904 PSI	3904 PSI

TKT- 23430 REC- 13709 WT- 8725

AK-1 KUSTER 24 HR. CLOCK

BOTTOM RECORDER: OUTSIDE



RECOVERY DATA

PIPE RECOVERY

B.H. TEMP. (deg F) : 136

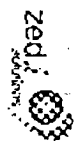
SAMPLE CHAMBER

GAS TO SURFACE 19 MIN. INTO FINAL FLOW PERIOD
120 FT. OF SLIGHTLY GAS CUT DRLG. MUD
89,000 MG/L CHLORIDES- .050 OHMS @ 85 DEGREES

80 LBS. OF PRESSURE
.008 CU. FT. OF GAS
1800 CC'S OF DRLG. MUD
89,000 MG/L CHLORIDES
.050 OHMS @ 85 DEGREES

TEST REMARKS

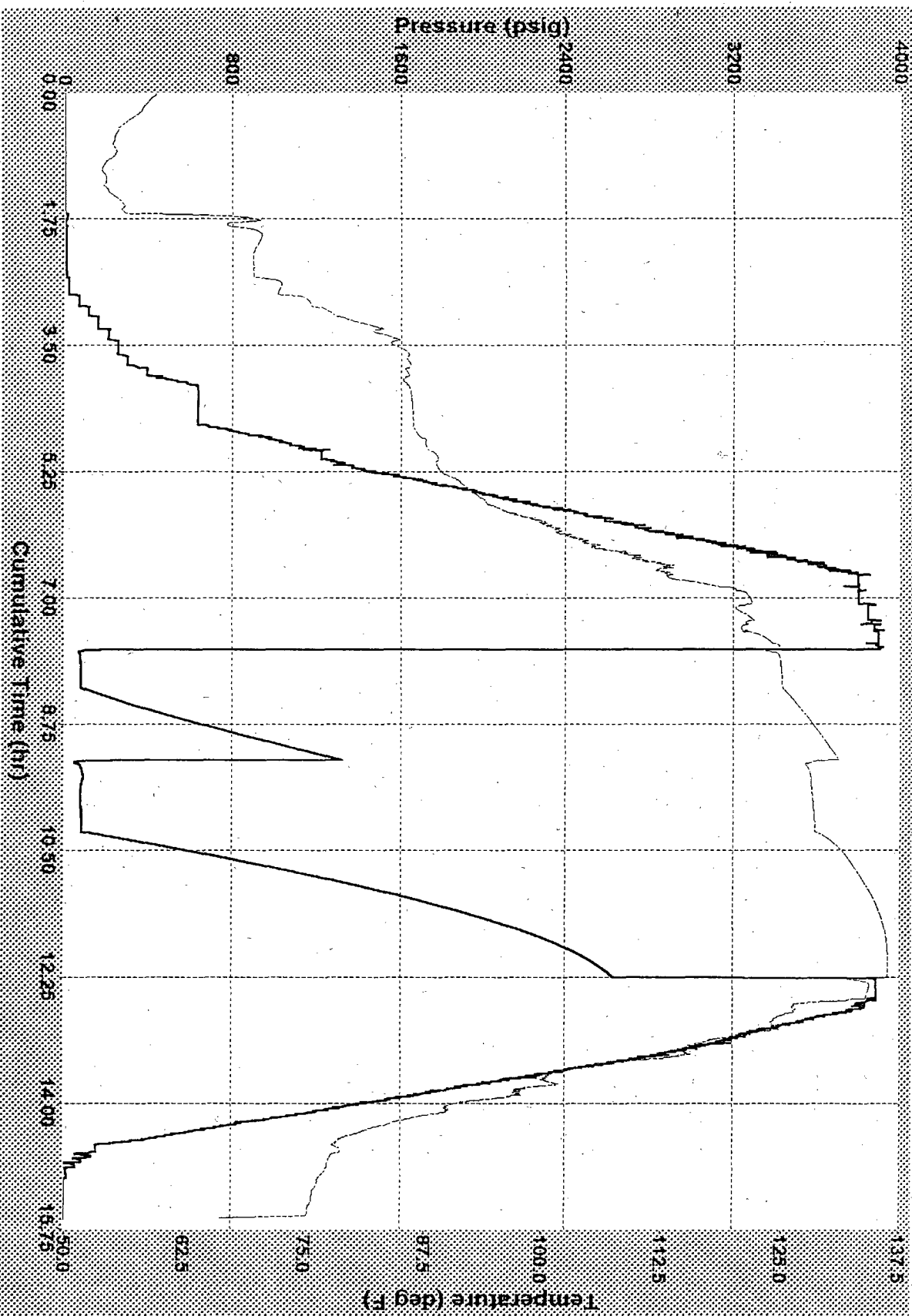
TOOL OPENED WITH FAIR BLOW WHICH INCREASED TO GOOD BLOW (18" IN WATER) IN 1 MIN., 1 LB. ON 1/8" CHOKE IN 5 MIN., 1.25 LBS. IN 10 MIN., 1.75 LBS. IN 20 MIN. & 2.35 LBS. AT END OF 30 MIN. FIRST FLOW. REOPENED TOOL WITH STRONG BLOW ON 1/8" CHOKE, 9.5 LBS. IN 5 MIN., 10 LBS. IN 10 MIN., 10.5 IN 15 MIN., CHANGED CHOKE TO 1/4" W/GAS TO SURFACE IN 19 MIN. WITH 3 LBS. (26 MCFPD) & THEN DECREASED TO 0 LBS. (TSTM) THROUGHOUT REMAINDER OF 60 MIN. FINAL FLOW.

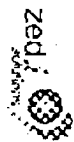


Company Name MARSHALL & WINSTON
Well Name KING AIR STATE #1
Type of Test DST #1 (7540-7735 FT.: ATOKA)
Date(s) of Test 12-28-05



RIG TESTERS, INC. RECORDER# 9634





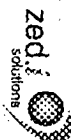
Company Name
Well Name
Type of Test
Date(s) of Test

MARSHALL & WINSTON

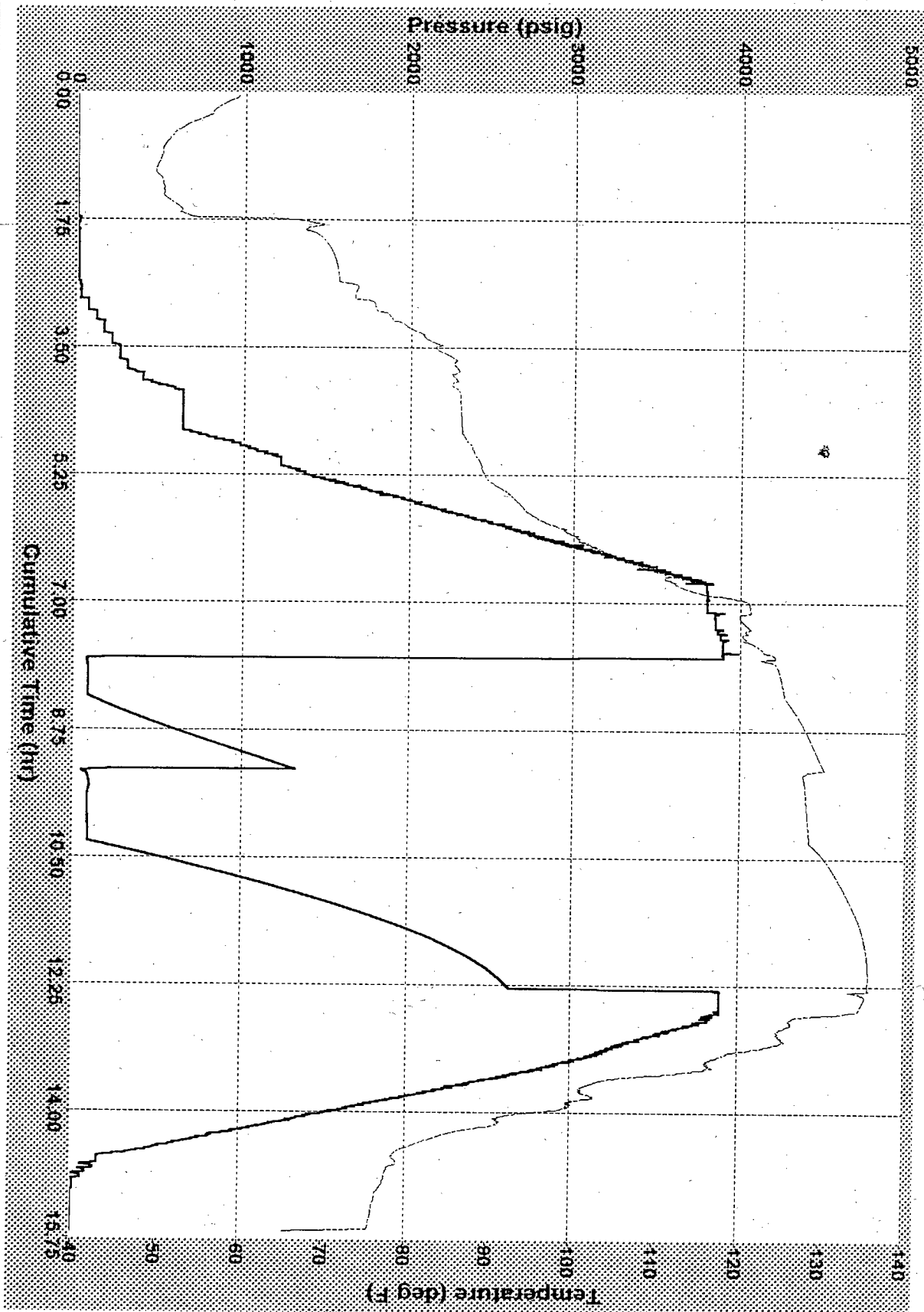
KING AIR STATE #1

DST #1 (7540-7735 FT.; ATOKA)

12-28-05



RIG TESTERS, INC. RECORDER# 9635



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

CHROMATOGRAPHIC ANALYSIS

COMPANY:	RIG TESTERS	JOB #:	0512091
SAMPLE ID:	MARSHALL & WINSTON	SAMPLE #:	D2412RIG3
SAMPLE TYPE:	SPOT	DATE ON:	20051228
STATION:	KING AIR STATE #1	DATE OFF:	20051228
BASE PRESSURE, PSIA:	14.650	TIME ON:	1100
RANAREX GRAVITY:		TIME OFF:	1100
SAMPLE PRESS., psig:	1.0	SAMPLED BY:	CLIENT
GAS TEMP. F:		CYLINDER #:	000001
ANALYSIS DATE:	20051229	SAMPLE USE * :	A
ANALYSIS COMMENTS: DST 1, ATOKA, 7540-7735, EDDY COUNTY, N. MEX.			

COMPONENT	MOLE %	GPM
HYDROGEN SULFIDE	0.0000	
NITROGEN	0.5210	
OXYGEN	0.0000	
METHANE	91.4438	
CARBON DIOXIDE	0.0233	
ETHANE	5.0139	1.3338
PROPANE	1.5924	0.4384
ISO-BUTANE	0.2390	0.0778
N-BUTANE	0.3827	0.1200
ISO-PENTANE	0.1417	0.0518
N-PENTANE	0.1154	0.0418
HEXANES	0.1538	0.0628
HEPTANES +	0.3732	0.1712
TOTAL	100.0000	2.2949

HEATING VALUE

BTU DRY	1107.0
BTU SATURATED	1087.7

COMPRESSIBILITY, Z 0.9974

RELATIVE DENSITY 0.6246

AVE. MOLE WEIGHT 18.0896

H2S, TUTWEILER, GR./100 CUBIC FEET 0.0

28 # GASOLINE 1.7115

BASE CONDITIONS, 14.65 PSIA @ 60 DEGREES FAHRENHEIT

* A = ACCOUNTABLE, O = OPERATIONAL

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 7544 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			80.10	.00
2.0	2.0			85.35	5.25
4.0	4.0			86.87	6.77
6.0	6.0			87.80	7.70
8.0	8.0			87.84	7.74
10.0	10.0			89.43	9.33
12.0	12.0			88.40	8.30
14.0	14.0			88.30	8.20
16.0	16.0			88.40	8.30
18.0	18.0			88.70	8.60
20.0	20.0			88.80	8.70
22.0	22.0			88.78	8.68
24.0	24.0			89.10	9.00
26.0	26.0			88.42	8.32
28.0	28.0			88.82	8.72
30.0	30.0			88.50	8.40
FIRST SHUT-IN					
30.0	30.0	.00	.000	88.50	.00
30.5	30.0	.50	61.000	96.75	8.25
31.0	30.0	1.00	31.000	105.42	16.92
31.5	30.0	1.50	21.000	113.00	24.50
32.0	30.0	2.00	16.000	121.65	33.15
32.5	30.0	2.50	13.000	130.17	41.67
33.0	30.0	3.00	11.000	138.10	49.60
33.5	30.0	3.50	9.571	146.66	58.16
34.0	30.0	4.00	8.500	155.62	67.12
34.5	30.0	4.50	7.667	163.30	74.80
35.0	30.0	5.00	7.000	172.15	83.65
36.0	30.0	6.00	6.000	188.90	100.40
37.0	30.0	7.00	5.286	206.93	118.43
38.0	30.0	8.00	4.750	224.27	135.77
39.0	30.0	9.00	4.333	241.60	153.10
40.0	30.0	10.00	4.000	260.47	171.97
42.0	30.0	12.00	3.500	296.60	208.10
44.0	30.0	14.00	3.143	334.71	246.21
46.0	30.0	16.00	2.875	373.70	285.20
48.0	30.0	18.00	2.667	412.30	323.80
50.0	30.0	20.00	2.500	452.82	364.32
53.0	30.0	23.00	2.304	514.33	425.83
56.0	30.0	26.00	2.154	577.24	488.74
59.0	30.0	29.00	2.034	641.16	552.66
62.0	30.0	32.00	1.938	706.15	617.65
65.0	30.0	35.00	1.857	771.85	683.35
68.0	30.0	38.00	1.789	838.06	749.56



INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

RECORDER DEPTH : 7544 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					
71.0	30.0	41.00	1.732	904.77	816.27
74.0	30.0	44.00	1.682	971.97	883.47
77.0	30.0	47.00	1.638	1039.37	950.87
80.0	30.0	50.00	1.600	1106.87	1018.37
83.0	30.0	53.00	1.566	1174.38	1085.88
86.0	30.0	56.00	1.536	1241.87	1153.37
89.0	30.0	59.00	1.508	1309.38	1220.88
90.2	30.0	60.24	1.498	1336.90	1248.40
SECOND FLOW					
91.7	31.5			55.90	.00
94.7	34.5			86.30	30.40
97.7	37.5			93.00	37.10
100.7	40.5			96.90	41.00
103.7	43.5			100.10	44.20
106.7	46.5			97.10	41.20
109.7	49.5			92.40	36.50
112.7	52.5			89.90	34.00
115.7	55.5			90.60	34.70
118.7	58.5			90.30	34.40
121.7	61.5			90.30	34.40
124.7	64.5			90.70	34.80
127.7	67.5			90.80	34.90
130.7	70.5			91.60	35.70
133.7	73.5			91.50	35.60
136.7	76.5			91.60	35.70
139.7	79.5			92.00	36.10
142.7	82.5			91.90	36.00
145.7	85.5			92.40	36.50
148.7	88.5			92.30	36.40
149.8	89.5			92.50	36.60
SECOND SHUT-IN					
149.8	89.5	.00	.000	92.50	.00
150.8	89.5	1.00	90.520	125.22	32.72
151.8	89.5	2.00	45.760	160.14	67.64
152.8	89.5	3.00	30.840	194.30	101.80
153.8	89.5	4.00	23.380	229.88	137.38
154.8	89.5	5.00	18.904	262.89	170.39
155.8	89.5	6.00	15.920	295.40	202.90

INCREMENTAL PRESSURE DATA

RECORDER NO : 9634

RECORDER CAPACITY : 10000 psi

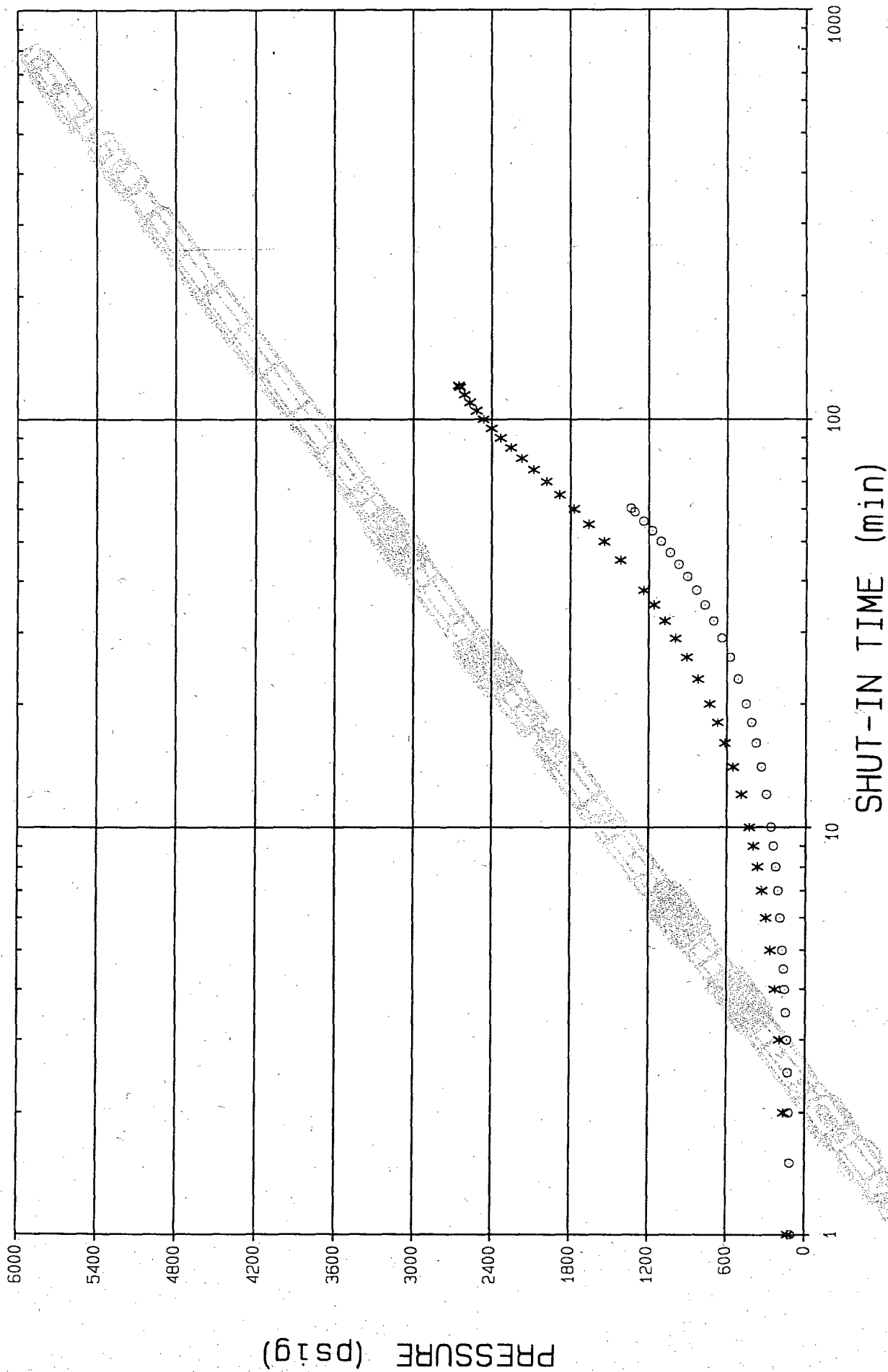
RECORDER DEPTH : 7544 ft

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			
156.8	89.5	7.00	13.789	329.75	237.25
157.8	89.5	8.00	12.190	361.67	269.17
158.8	89.5	9.00	10.947	393.40	300.90
159.8	89.5	10.00	9.952	426.75	334.25
161.8	89.5	12.00	8.460	488.80	396.30
163.8	89.5	14.00	7.394	552.04	459.54
165.8	89.5	16.00	6.595	614.15	521.65
167.8	89.5	18.00	5.973	673.50	581.00
169.8	89.5	20.00	5.476	733.92	641.42
172.8	89.5	23.00	4.892	822.30	729.80
175.8	89.5	26.00	4.443	908.99	816.49
178.8	89.5	29.00	4.087	993.88	901.38
181.8	89.5	32.00	3.798	1076.97	984.47
184.8	89.5	35.00	3.558	1158.37	1065.87
187.8	89.5	38.00	3.356	1238.24	1145.74
194.8	89.5	45.00	2.989	1417.90	1325.40
199.8	89.5	50.00	2.790	1541.62	1449.12
204.8	89.5	55.00	2.628	1660.87	1568.37
209.8	89.5	60.00	2.492	1773.50	1681.00
214.8	89.5	65.00	2.377	1882.54	1790.04
219.8	89.5	70.00	2.279	1985.92	1893.42
224.8	89.5	75.00	2.194	2081.80	1989.30
229.8	89.5	80.00	2.119	2172.46	2079.96
234.8	89.5	85.00	2.053	2255.95	2163.45
239.8	89.5	90.00	1.995	2331.10	2238.60
244.8	89.5	95.00	1.942	2399.98	2307.48
249.8	89.5	100.00	1.895	2461.47	2368.97
254.8	89.5	105.00	1.853	2515.10	2422.60
259.8	89.5	110.00	1.814	2562.88	2470.38
264.8	89.5	115.00	1.778	2604.42	2511.92
269.8	89.5	120.00	1.746	2640.10	2547.60
271.0	89.5	121.20	1.739	2648.70	2556.20

REMARKS

THE INCREMENTAL DATA, PLOTS AND ANALYSIS ARE FROM THE ELECTRONIC RECORDER
 (PLEASE REFER TO DERIVATIVE DIAGNOSTICS ANALYSIS FOR FURTHER INFORMATION)
 (PRESSURE ASCII FILE IS AVAILABLE ON DISKETTE UPON REQUEST)

PRESSURE TIME



MARSHALL & WINSTON
KING AIR STATE # 1



Well Test Report

RigTesters, Inc.
ABILENE - MIDLAND - GRAHAM

MARSHALL & WINSTON KING AIR STATE #1

Well identification

Well ID	KING AIR STATE#1	Well location	W. ARTESIA
County/District	EDDY	State, Country	NEW MEXICO
Company	MARSHALL & WIN	Division	MIDLAND

Fluid properties

Prod/Inj fluid	GAS	GOR	
Water cut	0%	Condensate yield	UNKNOWN
API gravity		Gas spec. grav.	0.7
Viscosity	2.1439e-2 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)	191.12 e-6/psi	Formation vol factor	0.77687 RB/MSCF

Reservoir properties

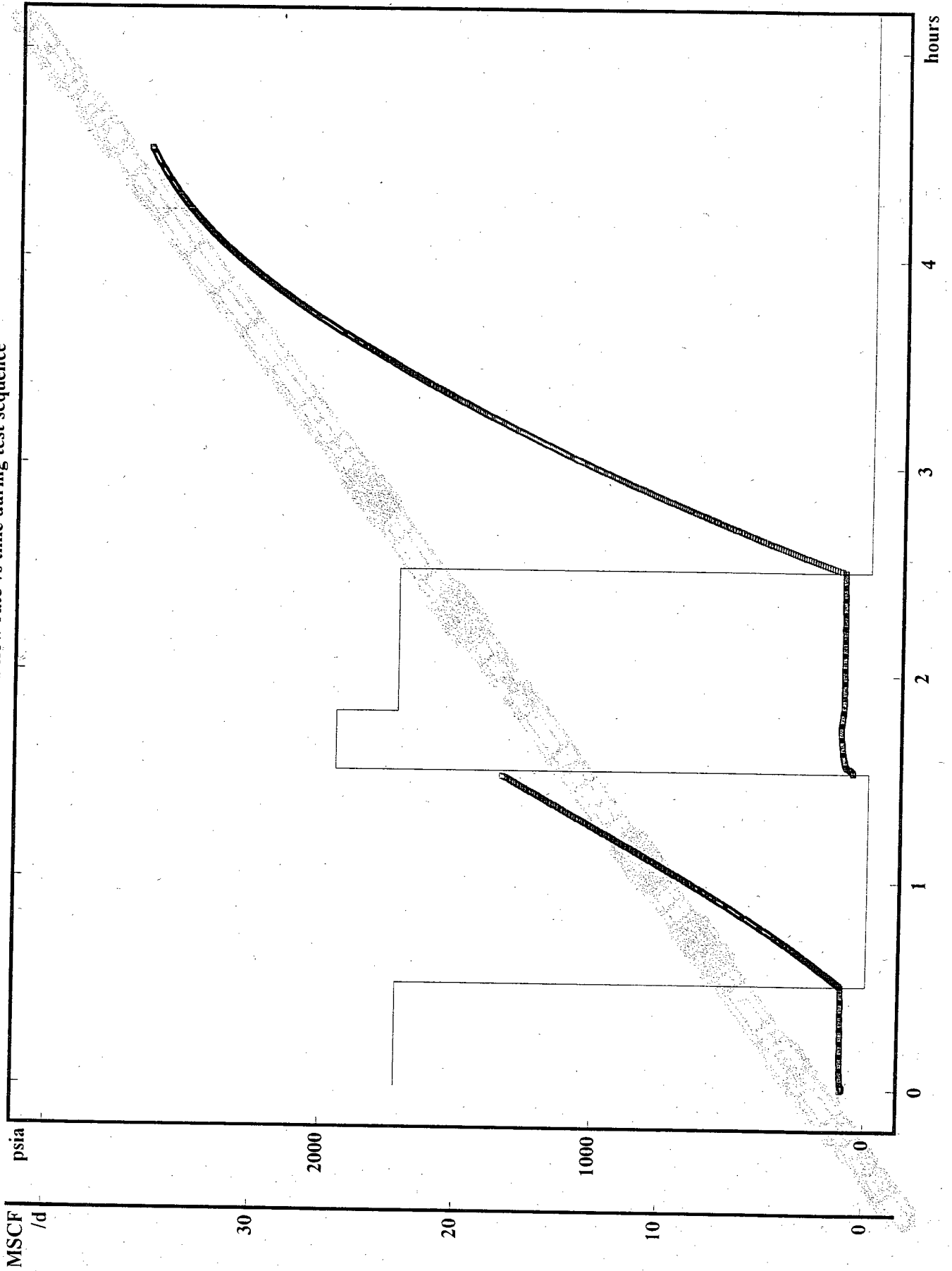
Porosity	0.14 frac	Formation thickness	10 ft
Wellbore radius	0.36458 ft	Prod-observer distance	N/A
Water-Oil Contact	UNKNOWN	Gas-Oil Contact	N/A
Gas-Water Contact	N/A	Rock compressibility	
Reservoir temperature	136 deg F	Pressure for properties	3700 psia

Comments

THE DERIVATIVES INDICATE DOMINATION OF WELLBORE STORAGE AND TRANSITION EFFECT ON THE SHUT-IN PERIODS. ANY CALCULATIONS (EXTRAPOLATIONS, PERMEABILITY AND SKIN) UNDER THESE CONDITIONS ARE AMBIGUOUS AND UNRELIABLE. THE FIXED PARAMETERS USED WERE AN EST. 14% POROSITY, 10 FT. OF NET PAY AND A GAS FLOWING RATE OF 23 MCFPD (EST.) MEASURED AT SURFACE THROUGH A 1/4" CHOKE AT END OF THE FINAL FLOW. * THE OVERALL TEST INDICATES A RESERVOIR WITH FAIR POROSITY BUT IS ASSOCIATED WITH VERY LOW PERMEABILITY.

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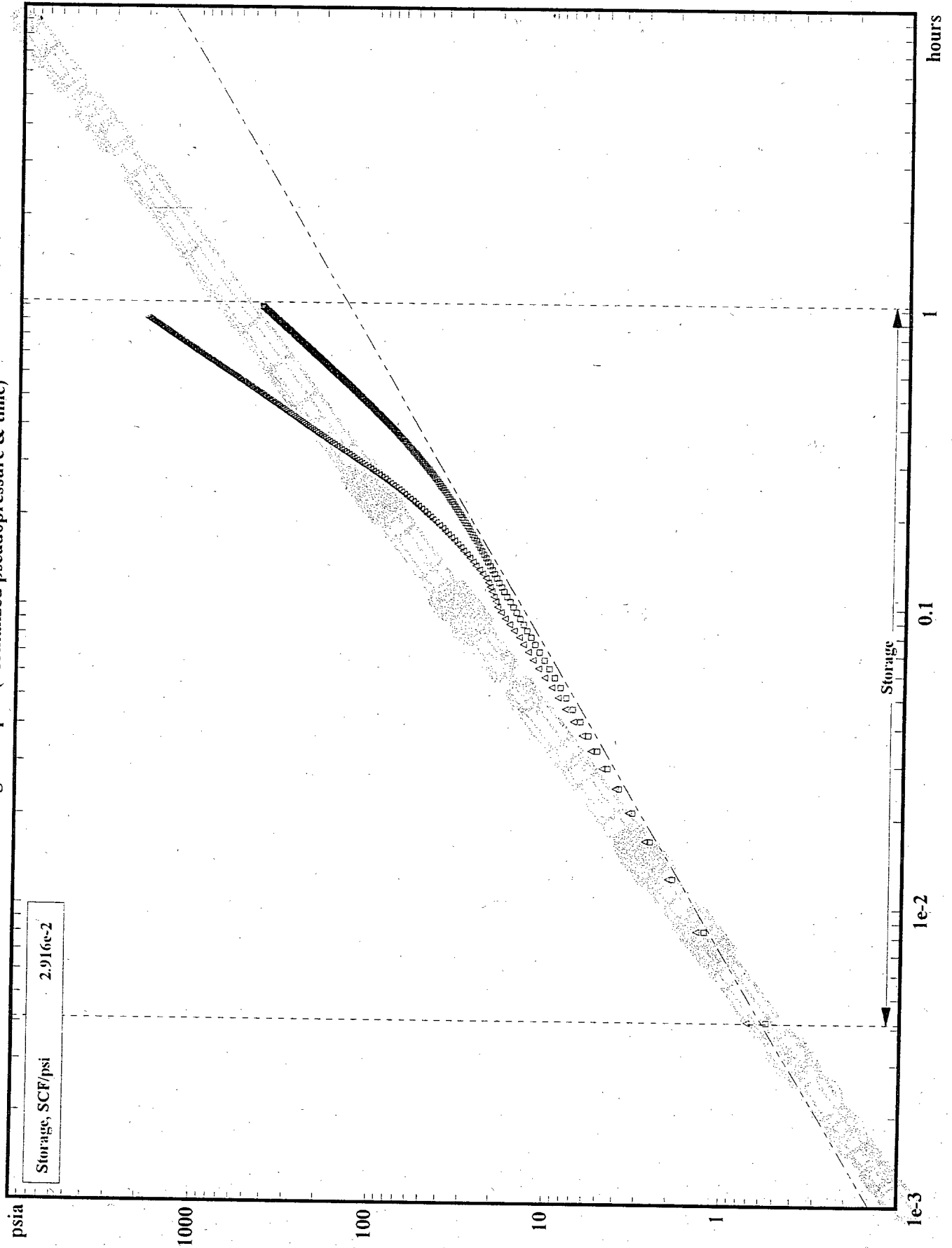
Pressure and flow rate vs time during test sequence



DST #1 7540 - 7735 FT. ATOKA

MARSHALL & WINSTON KING AIR STATE #1

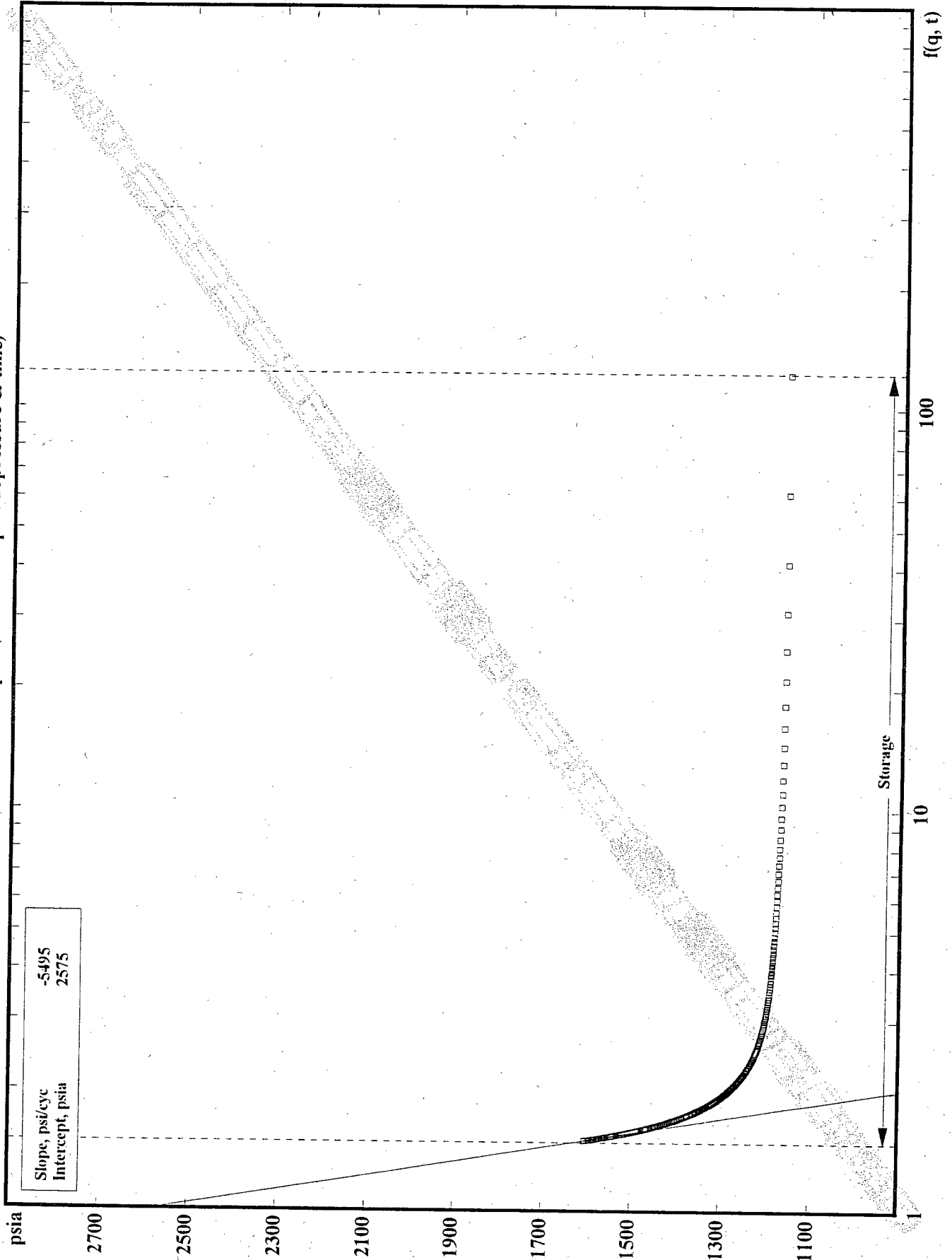
Diagnostic plot (normalized pseudopressure & time)



INITIAL SHUT-IN PERIOD DST#1

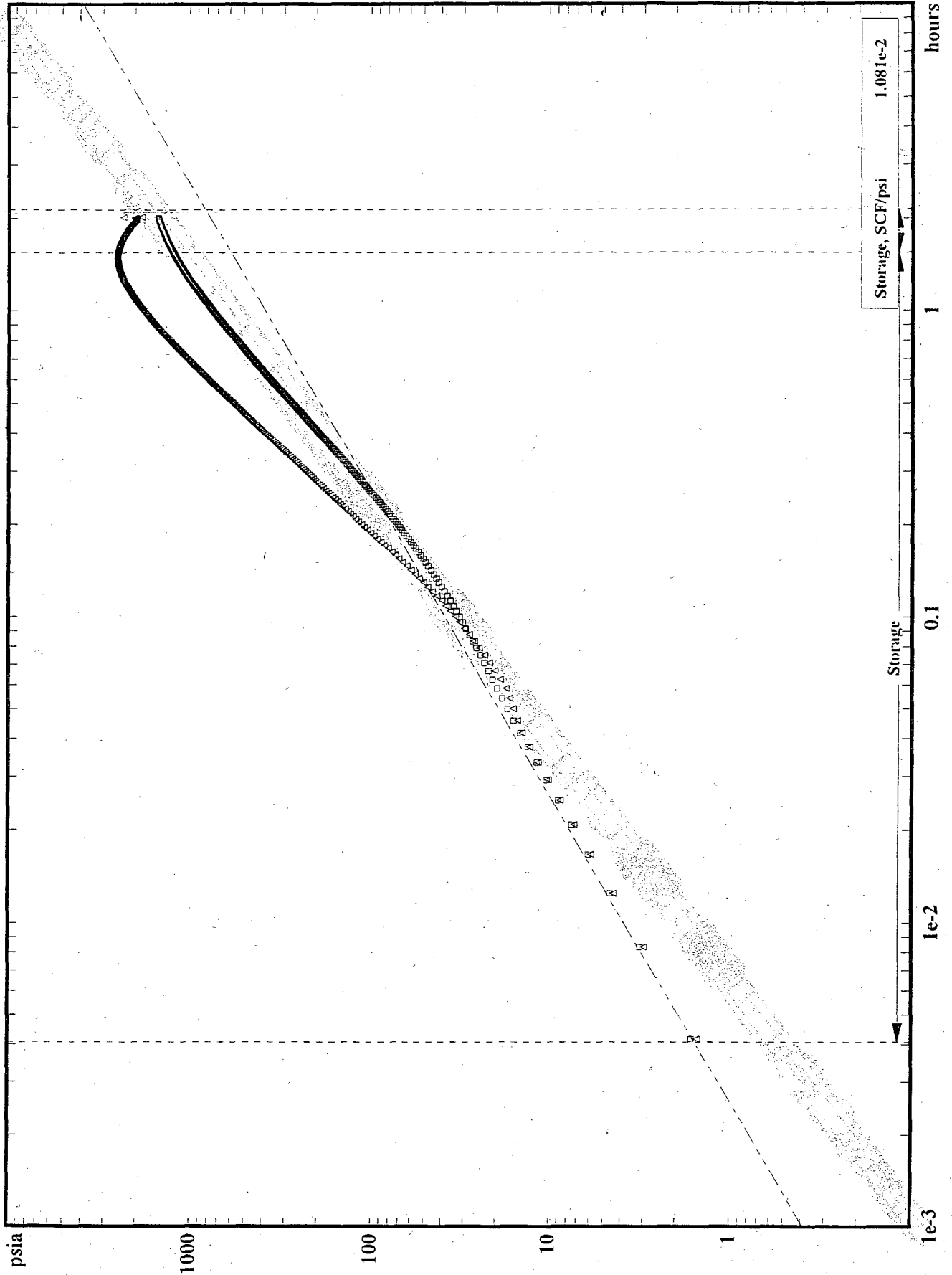
MARSHALL & WINSTON KING AIR STATE #1

Variable rate Horner plot (normalized pseudopressure & time)



MARSHALL & WINSTON KING AIR STATE #1

Diagnostic plot (normalized pseudopressure & time)



FINAL SHUT-IN PERIOD DST#1

MARSHALL & WINSTON KING AIR STATE #1

Variable rate Horner plot (normalized pseudopressure & time)

