REPORT NO: 47116E

TEST DATE: 11-29-84

WELL PERFORMANCE TESTING™ REPORT

A Production System Analysis (NODAL™)
Based on Model Verified™ Interpretation

FLOPETROL JOHNSTON
Schlumberger

PAGE NO: 1

Company: Amoco Production Company

Well: Salman Ranch "B" #2

TEST IDENTIFICATION

Test Type	MFE OH Teleflow
Test No.	Three
Formation	Pennsylvanian
Test Interval (ft)	6973 - 6922'
Reference Depth	KB

WELL LOCATION

Field	Wildcat
County	Mora
State	New Mexico
Sec/Twn/Rng	21 / 21N / 17E
Elevation (ft)	--

HOLE CONDITIONS

Total Depth (MD/TVD) (ft)	6973
Hole Size (in)	8-3/4
Csg/Liner I.D. (in)	--
Perf'd Interval/Net Pay (ft)	- / 24
Shot Density/Diameter (in)	--

MUD PROPERTIES

Mud Type	LSND
Mud Weight (lb/gal)	9.0
Mud Resistivity (OHM-M)	4.1 @ 35° F.
Filtrate Resistivity (OHM-M)	--
Filtrate Chlorides (PPM)	300

RECEIVED
DEC 12 1984
DISTRICT

INITIAL TEST CONDITIONS

Initia Hydrostatic (psi)	
Gas Cushion Type	None
Surface Pressure (psi)	--
Liquid Cushion Type	None
Cushion Length (ft)	--

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in)	6161 / 3.83
Collar Length (ft)/I.D. (in)	710 / 2.25
Packer Depth(s) (ft)	6916 / 6922
BH Choke Size (in)	15/16
Gauge Depth (ft)/Type	6890 / J-300

NET PIPE RECOVERY

Volume	Fluid Type	Properties
105 ft	Mud	300 ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
.07 ft3	Gas	
Trace	Mud	

Pressure: 88	GOR:	GLR:

INTERPRETATION RESULTS

Model of Behavior	
Fluid Type Used for Analysis	
Reservoir Pressure (psi)	
Transmissibility (md-ft/cp)	
Effective Permeability (md)	
Skin Factor/Damage Ratio	
Storativity ratio	
Interporosity Flow Coeff	
Distance To An Anomaly (ft)	
Radius of Investigation (ft)	
Potentiometric Surface (ft)	

ROCK/FLUID/WELLBORE PROPERTIES

Oil API	
Basic Solids	
Gas Gravity	
Water Cut (%)	
Viscosity (cp)	
Total Compressibility (1/psi)	
Porosity (%)	10
Reservoir Temperature (F)	168

PRODUCTION RATE DURING TEST:

COMMENTS:

FLOPETROL JOHNSTON

Schlumberger

DST EVENT SUMMARY

Field Report # 47116E

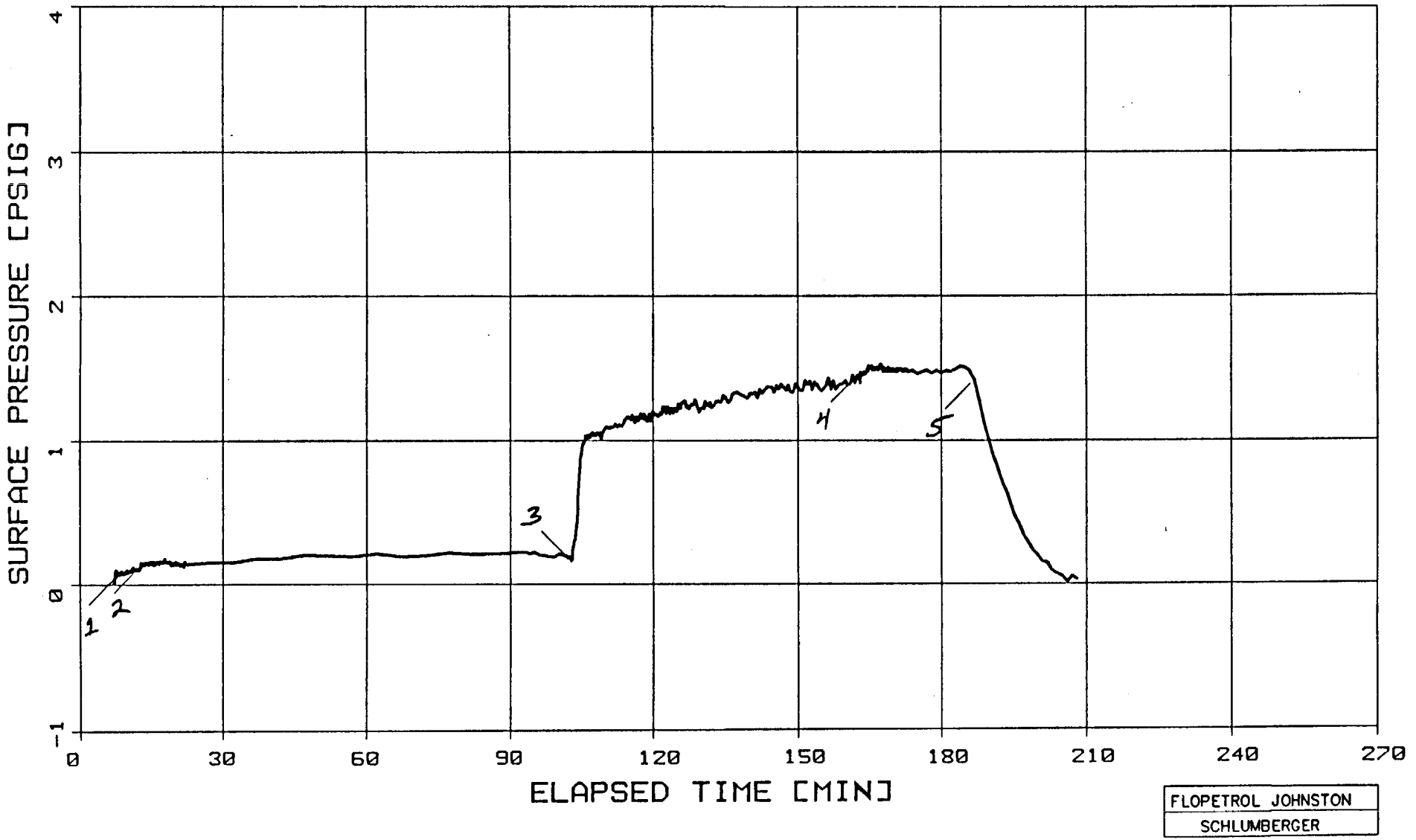
DATE (M/D/Y)	TIME (HR:MIN)	EVENT E.T. (MIN)	EVENT DESCRIPTION	SURFACE PRESSURE (PSIG)	FLOOR MANIFOLD CHOKE SIZE (INCH)
11-29-84	640	—	SET PACKER		
	645	—	OPENED TEST TOOL FOR INITIAL FLOW	.07	Closed Chamber
			Teleflow indicated very little recovery		
	650	—	CLOSED TEST TOOL FOR INITIAL SHUT-IN	.15	"
	821		Finished shut in		"
	822	—	OPENED TEST TOOL FOR FINAL FLOW	.16	"
	922	—	CLOSED TEST TOOL FOR FINAL SHUT-IN	1.47	"
	1224	—	FINISHED FINAL SHUT-IN		
	1225	—	UNSEATED PACKER		
		—	REVERSED OUT		
		—	BEGAN TRIP OUT OF HOLE		

SURFACE PRESSURE LOG

FIELD REPORT NO. 47116E

COMPANY : AMOCO PRODUCTION CO.

WELL : SALMAN RANCH B-1



WELL TEST DATA PRINTOUT

FIELD REPORT # : 47116E

INSTRUMENT # : Teleflow
CAPACITY [PSI] : 5000.

COMPANY : AMOCO PRODUCTION CO.
WELL : SALMAN RANCH B-1

PORT OPENING : INSIDE

MNEMONICS : ET = ELAPSED TIME ..... [MIN]
PS = SURFACE PRESSURE ..... [PSIG]

#	CODE	EXPLANATION	ET	PS
1	2	START FLOW	8.00	0.07
2	6	END FLOW & START SHUT-IN	13.25	0.15
3	8	END SHUT-IN & START FLOW	102.75	0.16
4	6	END FLOW & START SHUT-IN	163.17	1.47
5	31	OPENED ON SURFACE	187.00	1.42

ET	PS	ET	PS	ET	PS
6.92	0.00	11.50	0.10	16.08	0.15
7.00	0.00	11.58	0.09	16.17	0.16
7.08	0.01	11.67	0.09	16.25	0.16
7.17	0.00	11.75	0.10	16.33	0.14
7.25	0.01	11.83	0.10	16.42	0.16
7.33	0.08	11.92	0.10	16.50	0.14
7.42	0.04	12.00	0.11	16.58	0.15
7.50	0.10	12.08	0.09	16.67	0.15
7.58	0.05	12.17	0.11	16.75	0.16
7.67	0.09	12.25	0.09	16.83	0.16
7.75	0.08	12.33	0.09	16.92	0.15
7.83	0.06	12.42	0.11	17.00	0.16
7.92	0.08	12.50	0.11	17.08	0.15
8.00	0.07 #1	12.58	0.10	17.17	0.16
8.08	0.68	12.67	0.11	17.25	0.15
8.17	0.67	12.75	0.15	17.33	0.15
8.25	0.08	12.83	0.12	17.42	0.15
8.33	0.06	12.92	0.13	17.50	0.16
8.42	0.08	13.00	0.13	17.58	0.15
8.50	0.07	13.08	0.14	17.67	0.17
8.58	0.07	13.17	0.14	17.75	0.16
8.67	0.08	13.25	0.15 #2	17.83	0.18
8.75	0.09	13.33	0.13	17.92	0.16
8.83	0.08	13.42	0.15	18.00	0.16
8.92	0.08	13.50	0.13	18.08	0.15
9.00	0.08	13.58	0.14	18.17	0.16
9.08	0.67	13.67	0.15	18.25	0.16
9.17	0.08	13.75	0.15	18.33	0.15
9.25	0.07	13.83	0.15	18.42	0.15
9.33	0.68	13.92	0.14	18.50	0.16
9.42	0.08	14.00	0.15	18.58	0.16
9.50	0.08	14.08	0.15	18.67	0.15
9.58	0.07	14.17	0.14	18.75	0.16
9.67	0.09	14.25	0.15	18.83	0.16
9.75	0.08	14.33	0.15	18.92	0.16
9.83	0.08	14.42	0.13	19.00	0.15
9.92	0.10	14.50	0.15	19.08	0.13
10.00	0.09	14.58	0.15	19.17	0.14
10.08	0.09	14.67	0.14	19.25	0.14
10.17	0.09	14.75	0.16	19.33	0.15
10.25	0.08	14.83	0.15	19.42	0.14
10.33	0.09	14.92	0.14	19.50	0.14
10.42	0.09	15.00	0.15	19.58	0.13
10.50	0.09	15.08	0.16	19.67	0.15
10.58	0.09	15.17	0.16	19.75	0.15
10.67	0.10	15.25	0.15	19.83	0.15
10.75	0.09	15.33	0.16	19.92	0.14
10.83	0.09	15.42	0.14	20.00	0.15
10.92	0.09	15.50	0.13	20.08	0.16
11.00	0.11	15.58	0.14	20.17	0.15
11.08	0.10	15.67	0.14	20.25	0.13
11.17	0.12	15.75	0.14	20.33	0.14
11.25	0.10	15.83	0.15	20.42	0.15
11.33	0.10	15.92	0.14	20.50	0.14
11.42	0.10	16.00	0.14	20.58	0.14

ET	PS	ET	PS	ET	PS
20.67	0.15	102.83	0.17	107.42	1.05
20.75	0.13	102.92	0.18	107.50	1.05
20.83	0.14	103.00	0.19	107.58	1.03
20.92	0.14	103.08	0.17	107.67	1.04
21.00	0.13	103.17	0.24	107.75	1.05
21.08	0.14	103.25	0.26	107.83	1.03
21.17	0.13	103.33	0.27	107.92	1.04
21.25	0.14	103.42	0.28	108.00	1.04
21.33	0.14	103.50	0.31	108.08	1.04
21.42	0.14	103.58	0.31	108.17	1.03
21.50	0.14	103.67	0.31	108.25	1.04
21.58	0.14	103.75	0.34	108.33	1.05
21.67	0.14	103.83	0.36	108.42	1.05
21.75	0.14	103.92	0.41	108.50	1.04
21.83	0.12	104.00	0.42	108.58	1.05
21.92	0.15	104.08	0.44	108.67	1.04
22.00	0.16	104.17	0.53	108.75	1.04
22.08	0.14	104.25	0.59	108.83	1.04
27.08	0.15	104.33	0.64	108.92	1.05
32.08	0.15	104.42	0.69	109.00	1.05
37.08	0.18	104.50	0.74	109.25	1.01
42.08	0.18	104.58	0.78	109.50	1.05
47.08	0.20	104.67	0.82	109.75	1.06
52.08	0.20	104.75	0.85	110.00	1.08
57.08	0.19	104.83	0.89	110.25	1.09
62.08	0.21	104.92	0.88	110.50	1.09
67.08	0.19	105.00	0.91	110.75	1.08
72.08	0.20	105.08	0.94	111.00	1.08
77.08	0.22	105.17	0.97	111.25	1.09
82.08	0.21	105.25	0.96	111.50	1.09
87.08	0.21	105.33	0.96	111.75	1.09
92.17	0.22	105.42	0.98	112.00	1.10
93.17	0.22	105.50	0.98	112.25	1.11
94.17	0.21	105.58	0.98	112.50	1.09
95.17	0.22	105.67	1.00	112.75	1.09
96.17	0.20	105.75	1.01	113.00	1.11
97.17	0.20	105.83	1.00	113.25	1.10
98.17	0.19	105.92	1.03	113.50	1.09
99.17	0.19	106.00	1.02	113.75	1.11
100.17	0.21	106.08	1.01	114.00	1.12
101.17	0.20	106.17	1.01	114.25	1.14
101.67	0.19	106.25	1.01	114.50	1.15
101.75	0.19	106.33	1.03	114.75	1.16
101.83	0.20	106.42	1.03	115.00	1.16
101.92	0.19	106.50	1.04	115.25	1.15
102.00	0.18	106.58	1.03	115.50	1.14
102.08	0.18	106.67	1.02	115.75	1.17
102.17	0.18	106.75	1.03	116.00	1.16
102.25	0.19	106.83	1.02	116.25	1.12
102.33	0.18	106.92	1.02	116.50	1.14
102.42	0.19	107.00	1.04	116.75	1.16
102.50	0.18	107.08	1.04	117.00	1.13
102.58	0.18	107.17	1.05	117.25	1.15
102.67	0.19 #3	107.25	1.04	117.50	1.18
102.75	0.16	107.33	1.05	117.75	1.15

ET	PS	ET	PS	ET	PS
118.00	1.14	131.75	1.26	159.00	1.39
118.25	1.18	132.00	1.22	159.50	1.39
118.50	1.16	132.50	1.24	160.00	1.41
118.75	1.13	133.00	1.27	160.50	1.38
119.00	1.13	133.50	1.27	161.00	1.39
119.25	1.18	134.00	1.26	161.50	1.45
119.50	1.13	134.50	1.31	162.00	1.39
119.75	1.17	135.00	1.30	162.50	1.45
120.00	1.20	135.50	1.26	163.00	1.43
120.25	1.17	136.00	1.27	163.08	1.39
120.50	1.18	136.50	1.32	163.17	1.47
120.75	1.17	137.00	1.33	163.25	1.45
121.00	1.16	137.50	1.33	163.33	1.46
121.25	1.17	138.00	1.32	163.42	1.45
121.50	1.19	138.50	1.31	163.50	1.45
121.75	1.17	139.00	1.30	163.58	1.45
122.00	1.23	139.50	1.29	163.67	1.45
122.25	1.20	140.00	1.32	163.75	1.45
122.50	1.23	140.50	1.32	163.83	1.47
122.75	1.18	141.00	1.33	163.92	1.47
123.00	1.23	141.50	1.29	164.00	1.46
123.25	1.22	142.00	1.35	164.08	1.45
123.50	1.18	142.50	1.32	164.17	1.46
123.75	1.22	143.00	1.35	164.25	1.46
124.00	1.22	143.50	1.37	164.33	1.47
124.25	1.18	144.00	1.37	164.42	1.47
124.50	1.22	144.50	1.37	164.50	1.49
124.75	1.21	145.00	1.33	164.58	1.47
125.00	1.19	145.50	1.38	164.67	1.47
125.25	1.25	146.00	1.35	164.75	1.49
125.50	1.23	146.50	1.39	164.83	1.51
125.75	1.21	147.00	1.37	164.92	1.50
126.00	1.26	147.50	1.34	165.00	1.51
126.25	1.26	148.00	1.38	165.08	1.49
126.50	1.27	148.50	1.33	165.17	1.50
126.75	1.27	149.00	1.33	165.25	1.50
127.00	1.22	149.50	1.39	165.33	1.50
127.25	1.24	150.00	1.37	165.42	1.49
127.50	1.21	150.50	1.34	165.50	1.51
127.75	1.23	151.00	1.34	165.58	1.50
128.00	1.25	151.50	1.41	165.67	1.50
128.25	1.24	152.00	1.38	165.75	1.48
128.50	1.26	152.50	1.41	165.83	1.50
128.75	1.28	153.00	1.35	165.92	1.50
129.00	1.25	153.50	1.40	166.00	1.49
129.25	1.22	154.00	1.39	166.08	1.50
129.50	1.19	154.50	1.36	166.17	1.48
129.75	1.22	155.00	1.34	166.25	1.49
130.00	1.21	155.50	1.36	166.33	1.50
130.25	1.23	156.00	1.38	166.42	1.49
130.50	1.21	156.50	1.43	166.50	1.50
130.75	1.27	157.00	1.35	166.58	1.50
131.00	1.25	157.50	1.41	166.67	1.49
131.25	1.24	158.00	1.35	166.75	1.49
131.50	1.23	158.50	1.38	166.83	1.49

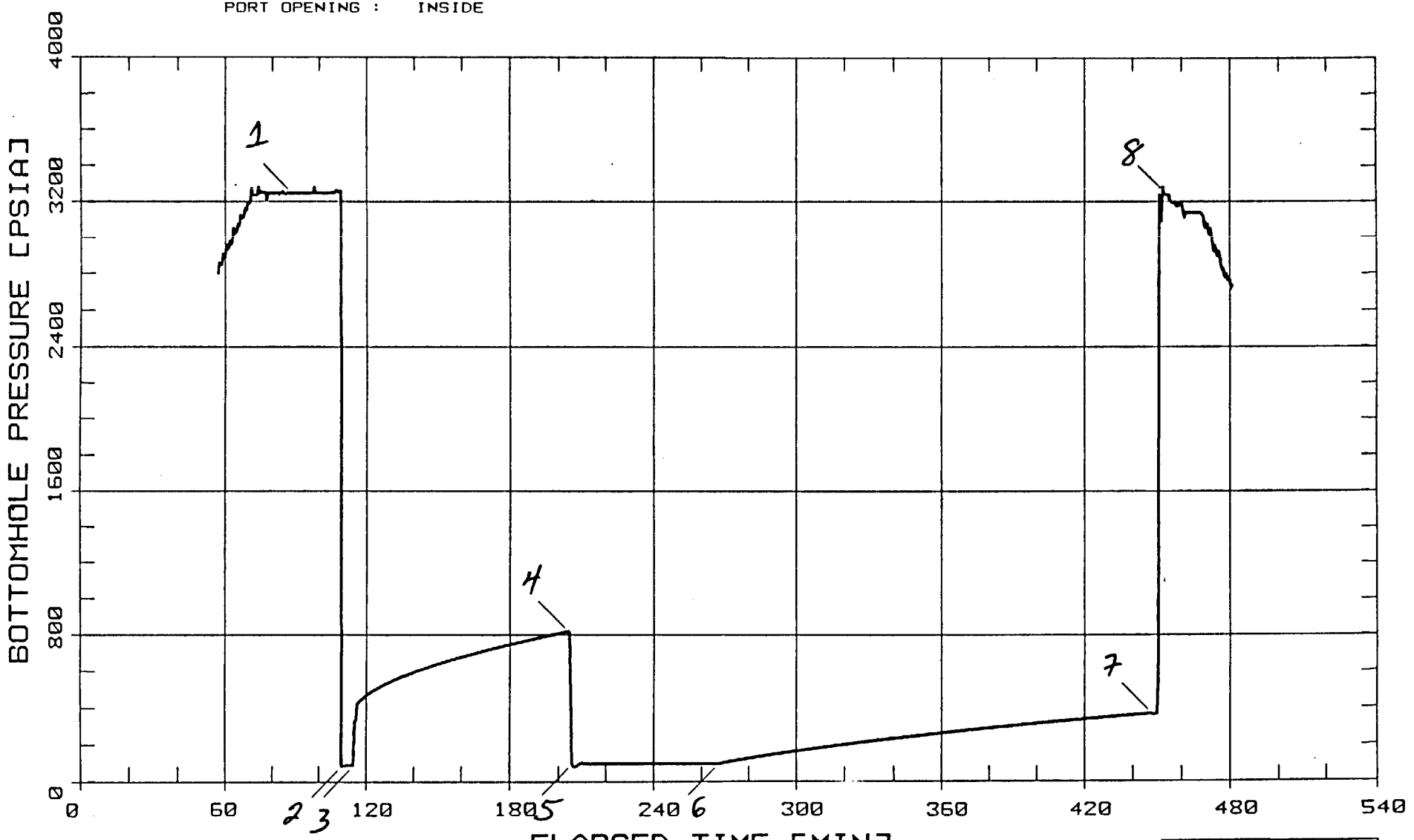
#4

ET	PS	ET	PS	ET	PS
166.92	1.48	170.00	1.49	173.00	1.47
167.00	1.50	170.08	1.48	174.00	1.48
167.08	1.51	170.17	1.47	175.00	1.46
167.17	1.51	170.25	1.48	176.00	1.47
167.25	1.51	170.33	1.47	177.00	1.48
167.33	1.52	170.42	1.48	178.00	1.46
167.42	1.49	170.50	1.48	179.00	1.48
167.50	1.52	170.58	1.47	180.00	1.46
167.58	1.50	170.67	1.47	181.00	1.48
167.67	1.50	170.75	1.47	182.00	1.47
167.75	1.51	170.83	1.49	183.00	1.49
167.83	1.49	170.92	1.48	184.00	1.51
167.92	1.47	171.00	1.47	185.00	1.50
168.00	1.50	171.08	1.48	186.00	1.48
168.08	1.49	171.17	1.48	187.00	1.42
168.17	1.49	171.25	1.49	188.00	1.28
168.25	1.48	171.33	1.49	189.00	1.12
168.33	1.47	171.42	1.49	190.00	1.00
168.42	1.49	171.50	1.48	191.00	0.88
168.50	1.49	171.58	1.49	192.00	0.78
168.58	1.48	171.67	1.48	193.00	0.68
168.67	1.48	171.75	1.48	194.00	0.60
168.75	1.48	171.83	1.48	195.00	0.49
168.83	1.47	171.92	1.48	196.00	0.42
168.92	1.48	172.00	1.48	197.00	0.34
169.00	1.50	172.08	1.47	198.00	0.29
169.08	1.48	172.17	1.49	199.00	0.23
169.17	1.48	172.25	1.48	200.00	0.20
169.25	1.47	172.33	1.49	201.00	0.15
169.33	1.47	172.42	1.49	202.00	0.15
169.42	1.47	172.50	1.49	203.00	0.09
169.50	1.48	172.58	1.48	204.00	0.07
169.58	1.48	172.67	1.49	205.00	0.05
169.67	1.49	172.75	1.48	206.00	0.01
169.75	1.48	172.83	1.48	207.00	0.05
169.83	1.47	172.92	1.49	208.00	0.03
169.92	1.47				

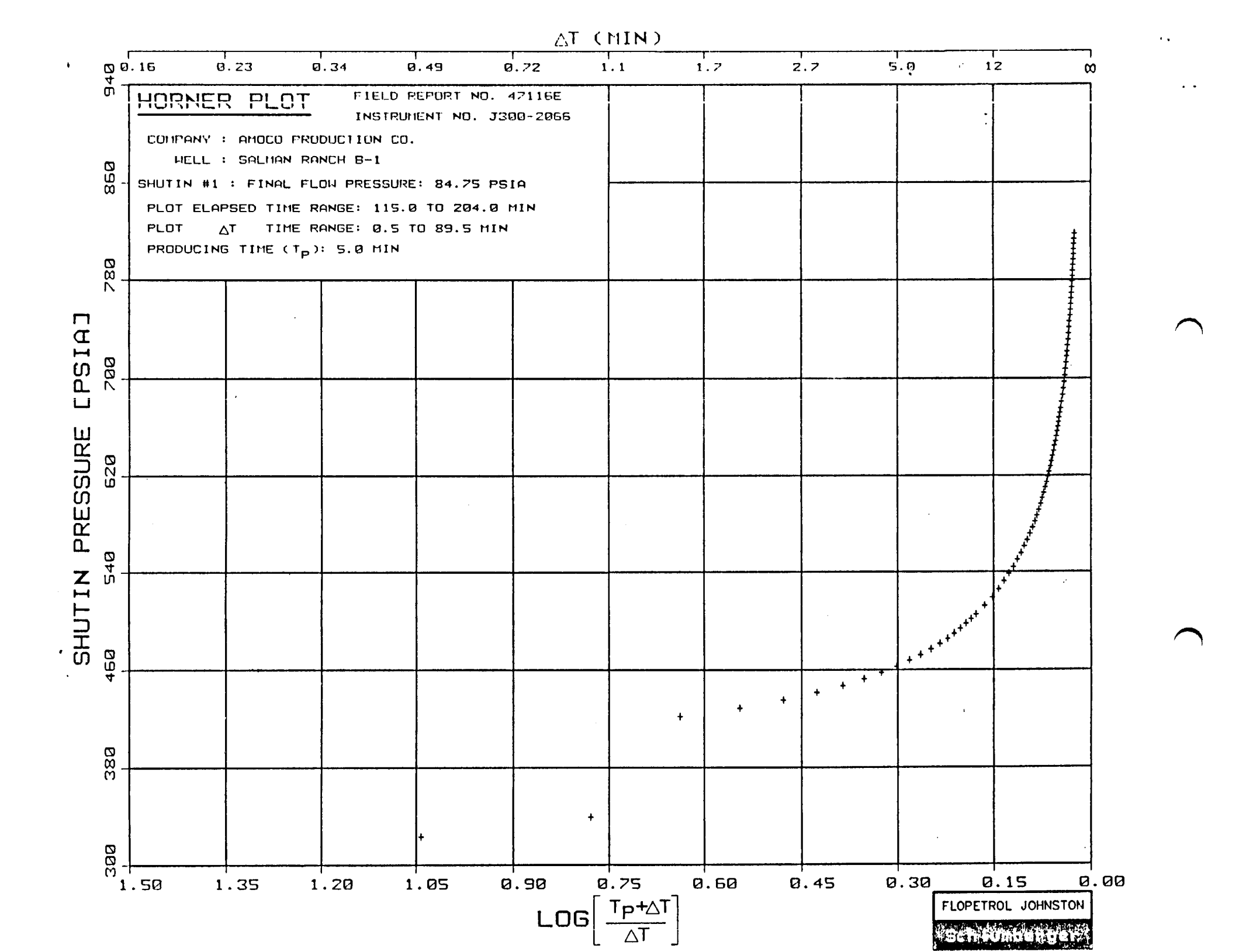
#5

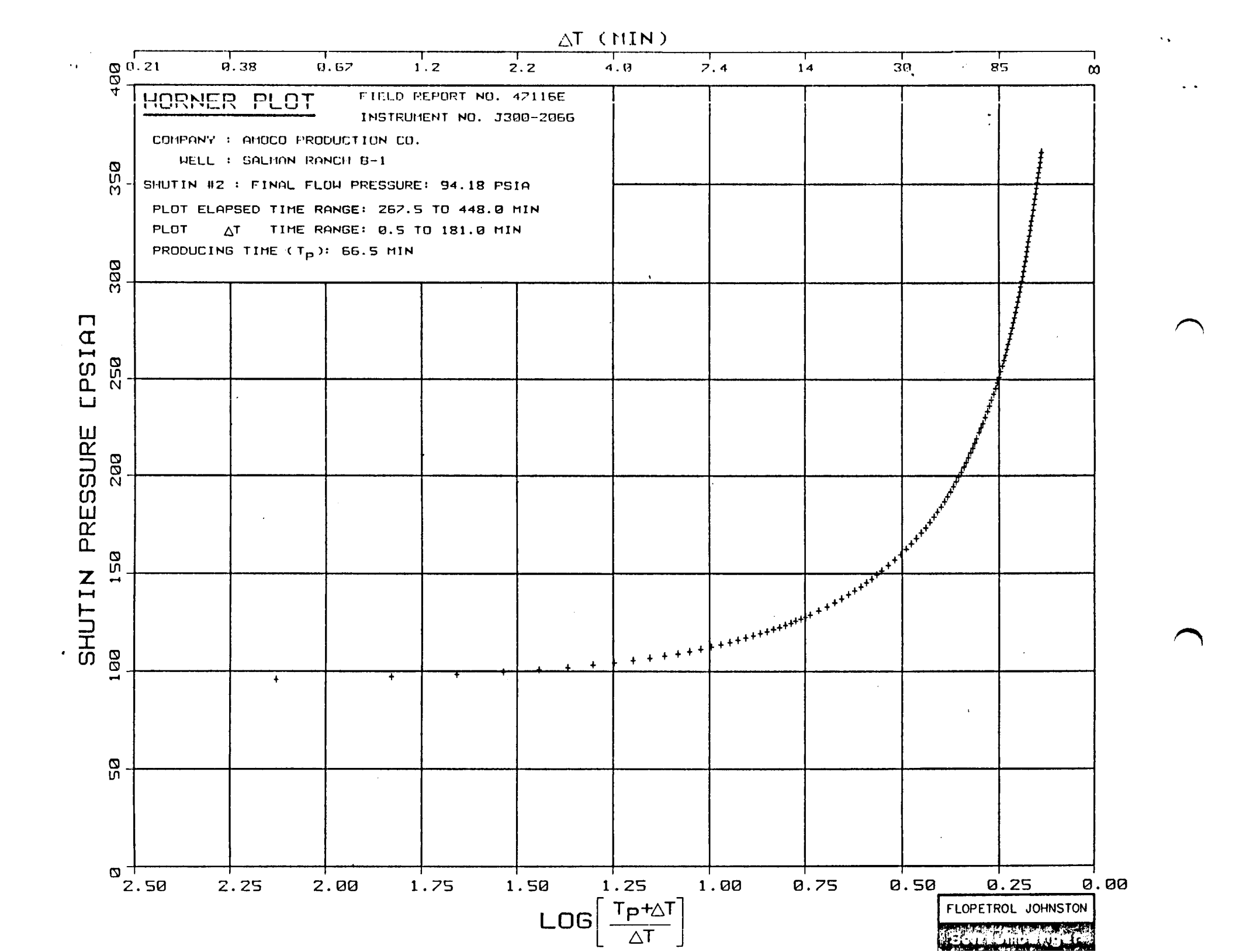
BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 47116E
COMPANY : AMOCO PRODUCTION CO.
INSTRUMENT NO. J300-2066
WELL : SALMAN RANCH B-1
DEPTH : 6795 FT
CAPACITY : 10000 PSI
PORT OPENING : INSIDE



FLOPETROL JOHNSTON
SCHLUMBERGER

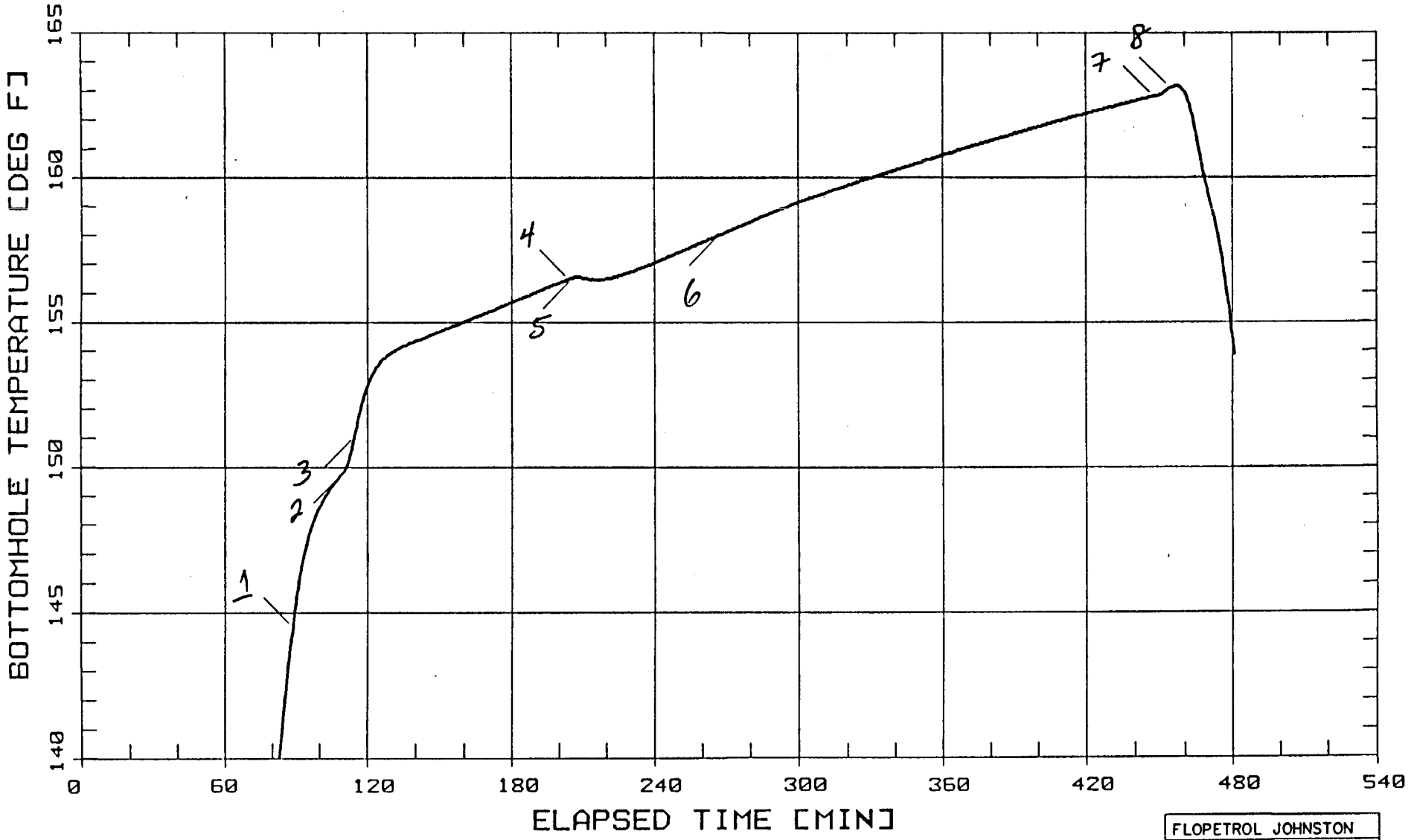

ΔT (MIN)
0.16
0.23
0.34
0.49
0.72
1.1
1.7
2.7
5.0
12
∞
HORNER PLOT
FIELD REPORT NO. 47116E
INSTRUMENT NO. J300-2066
COMPANY : AMOCO PRODUCTION CO.
WELL : SALMAN RANCH B-1
SHUTIN #1 : FINAL FLOW PRESSURE: 84.75 PSIA
PLOT ELAPSED TIME RANGE: 115.0 TO 204.0 MIN
PLOT ΔT TIME RANGE: 0.5 TO 89.5 MIN
PRODUCING TIME (T_P): 5.0 MIN
SHUTIN PRESSURE [PSIA]
940
860
780
700
620
540
460
380
300
1.50
1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00
LOG[(Tp+ΔT)/ΔT]
FLOPETROL JOHNSTON
SCHLUMBERGER


HORNER PLOT
FIELD REPORT NO. 47116E
INSTRUMENT NO. J300-206G
COMPANY : AMOCO PRODUCTION CO.
WELL : SALMAN RANCH B-1
SHUTIN #2 : FINAL FLOW PRESSURE: 94.18 PSIA
PLOT ELAPSED TIME RANGE: 267.5 TO 448.0 MIN
PLOT ΔT TIME RANGE: 0.5 TO 181.0 MIN
PRODUCING TIME (T_p): 66.5 MIN
ΔT (MIN)
0.21
0.38
0.67
1.2
2.2
4.0
7.4
14
30
85
∞
SHUTIN PRESSURE [PSIA]
0
50
100
150
200
250
300
350
400
2.50
2.25
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
LOG[(Tp+ΔT)/ΔT]
FLOPETROL JOHNSTON

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 47116E
INSTRUMENT NO. J300-2066
DEPTH : 6795 FT

COMPANY : AMOCO PRODUCTION CO.
WELL : SALMAN RANCH B-1



FLOPETROL JOHNSTON
SCHLUMBERGER

WELL TEST DATA PRINTOUT

FIELD REPORT # : 47116E

COMPANY : AMOCO PRODUCTION CO.
WELL : SALMAN RANCH B-1

INSTRUMENT # : J300-2066
CAPACITY [PSI] : 10000.
DEPTH [FT] : 6795.0
PORT OPENING : INSIDE

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MM	EXPLANATION	ELAPSED TIME,MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	6:24:30	29-NO	HYDROSTATIC MUD	88.50	3245.6	144.5
2	6:45:30	29-NO	START FLOW	109.50	81.0	149.8
3	6:50:30	29-NO	END FLOW & START SHUT-IN	114.50	84.8	151.1
4	8:20: 0	29-NO	END SHUT-IN	204.00	817.0	156.4
5	8:21:30	29-NO	START FLOW	205.50	92.6	156.5
6	9:23: 0	29-NO	END FLOW & START SHUT-IN	267.00	94.2	158.0
7	12:24: 0	29-NO	END SHUT-IN	448.00	367.3	162.8
8	12:30:30	29-NO	HYDROSTATIC MUD	454.50	3236.4	163.1

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME,MIN	END ELAPSED TIME,MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA
1	109.50	114.50	5.00	81.0	84.8
2	205.50	267.00	61.50	92.6	94.2

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME,MIN	END ELAPSED TIME,MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	114.50	204.00	89.50	84.8	817.0	84.8	5.00
2	267.00	448.00	181.00	94.2	367.3	94.2	66.50

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
6:45:30	29-NO	109.50	0.00	149.8	81.0
6:50:30	29-NO	114.50	5.00	151.1	84.8

TEST PHASE : SHUTIN PERIOD # 1

FINAL FLOW PRESSURE [PSIA] = 84.8

PRODUCING TIME [MIN] = 5.00

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
6:50:30	29-NO	114.50	0.00	151.1	84.8	0.0	
6:51:30	29-NO	115.50	1.00	151.4	338.7	254.0	0.778
6:52:30	29-NO	116.50	2.00	151.8	427.9	343.1	0.544
6:53:30	29-NO	117.50	3.00	152.1	440.4	355.7	0.426
6:54:30	29-NO	118.50	4.00	152.4	451.8	367.1	0.352
6:55:30	29-NO	119.50	5.00	152.7	462.2	377.5	0.301
6:56:30	29-NO	120.50	6.00	152.9	471.7	387.0	0.263
6:57:30	29-NO	121.50	7.00	153.1	480.6	395.9	0.234
6:58:30	29-NO	122.50	8.00	153.2	489.0	404.2	0.211
6:59:30	29-NO	123.50	9.00	153.4	497.0	412.2	0.192
7: 0:30	29-NO	124.50	10.00	153.5	504.5	419.7	0.176
7: 2:30	29-NO	126.50	12.00	153.7	518.8	434.0	0.151
7: 4:30	29-NO	128.50	14.00	153.9	531.8	447.0	0.133
7: 6:30	29-NO	130.50	16.00	153.9	543.5	458.7	0.118
7: 8:30	29-NO	132.50	18.00	154.0	554.9	470.1	0.106
7:10:30	29-NO	134.50	20.00	154.1	565.5	480.8	0.097
7:12:30	29-NO	136.50	22.00	154.2	575.7	491.0	0.089
7:14:30	29-NO	138.50	24.00	154.3	585.7	501.0	0.082
7:16:30	29-NO	140.50	26.00	154.4	595.5	510.7	0.076
7:18:30	29-NO	142.50	28.00	154.4	604.8	520.0	0.071
7:20:30	29-NO	144.50	30.00	154.5	613.8	529.1	0.067
7:25:30	29-NO	149.50	35.00	154.6	635.2	550.5	0.058
7:30:30	29-NO	154.50	40.00	154.8	655.3	570.6	0.051
7:35:30	29-NO	159.50	45.00	155.0	674.7	589.9	0.046
7:40:30	29-NO	164.50	50.00	155.2	692.7	608.0	0.041
7:45:30	29-NO	169.50	55.00	155.3	710.3	625.5	0.038
7:50:30	29-NO	174.50	60.00	155.5	727.2	642.4	0.035
7:55:30	29-NO	179.50	65.00	155.7	743.6	658.8	0.032
8: 0:30	29-NO	184.50	70.00	155.8	759.4	674.6	0.030
8: 5:30	29-NO	189.50	75.00	156.0	774.8	690.1	0.028
8:10:30	29-NO	194.50	80.00	156.2	789.5	704.8	0.026
8:15:30	29-NO	199.50	85.00	156.3	804.2	719.5	0.025
8:20: 0	29-NO	204.00	89.50	156.4	817.0	732.3	0.024

TEST PHASE : FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
8:21:30	29-NO	205.50	0.00	156.5	92.6
8:26:30	29-NO	210.50	5.00	156.5	93.3
8:31:30	29-NO	215.50	10.00	156.4	93.3
8:36:30	29-NO	220.50	15.00	156.5	93.6
8:41:30	29-NO	225.50	20.00	156.6	93.9
8:46:30	29-NO	230.50	25.00	156.7	94.0
8:51:30	29-NO	235.50	30.00	156.9	94.0
8:56:30	29-NO	240.50	35.00	157.0	94.1
9: 1:30	29-NO	245.50	40.00	157.2	94.1
9: 6:30	29-NO	250.50	45.00	157.4	94.2
9:11:30	29-NO	255.50	50.00	157.6	94.3
9:16:30	29-NO	260.50	55.00	157.7	94.3
9:21:30	29-NO	265.50	60.00	157.9	94.3
9:23: 0	29-NO	267.00	61.50	158.0	94.2

TEST PHASE : SHUTIN PERIOD # 2

FINAL FLOW PRESSURE [PSIA] = 94.2

PRODUCING TIME [MIN] = 66.50

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
9:23: 0	29-NO	267.00	0.00	158.0	94.2	0.0	
9:24: 0	29-NO	268.00	1.00	158.0	96.8	2.6	1.829
9:25: 0	29-NO	269.00	2.00	158.0	99.3	5.1	1.535
9:26: 0	29-NO	270.00	3.00	158.1	101.7	7.5	1.365
9:27: 0	29-NO	271.00	4.00	158.1	104.1	9.9	1.246
9:28: 0	29-NO	272.00	5.00	158.1	106.4	12.3	1.155
9:29: 0	29-NO	273.00	6.00	158.2	108.8	14.6	1.082
9:30: 0	29-NO	274.00	7.00	158.2	111.0	16.8	1.021
9:31: 0	29-NO	275.00	8.00	158.2	113.3	19.1	0.969
9:32: 0	29-NO	276.00	9.00	158.3	115.6	21.4	0.924
9:33: 0	29-NO	277.00	10.00	158.3	117.9	23.7	0.884
9:35: 0	29-NO	279.00	12.00	158.4	122.2	28.0	0.816
9:37: 0	29-NO	281.00	14.00	158.5	126.5	32.3	0.760
9:39: 0	29-NO	283.00	16.00	158.5	130.7	36.6	0.712
9:41: 0	29-NO	285.00	18.00	158.6	134.9	40.7	0.672
9:43: 0	29-NO	287.00	20.00	158.7	139.0	44.8	0.636
9:45: 0	29-NO	289.00	22.00	158.8	143.0	48.8	0.605
9:47: 0	29-NO	291.00	24.00	158.8	147.0	52.8	0.576
9:49: 0	29-NO	293.00	26.00	158.9	150.9	56.7	0.551
9:51: 0	29-NO	295.00	28.00	158.9	154.6	60.4	0.528
9:53: 0	29-NO	297.00	30.00	159.0	158.3	64.1	0.507
9:58: 0	29-NO	302.00	35.00	159.2	167.4	73.3	0.462
10: 3: 0	29-NO	307.00	40.00	159.3	176.4	82.2	0.425
10: 8: 0	29-NO	312.00	45.00	159.5	185.2	91.0	0.394

TEST PHASE : SHUTIN PERIOD # 2
FINAL FLOW PRESSURE [PSIA] = 94.2
PRODUCING TIME [MIN] = 66.50

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
10:13: 0	29-NO	317.00	50.00	159.6	193.8	99.7	0.367
10:18: 0	29-NO	322.00	55.00	159.7	202.3	108.1	0.344
10:23: 0	29-NO	327.00	60.00	159.9	210.5	116.3	0.324
10:28: 0	29-NO	332.00	65.00	160.0	218.6	124.4	0.306
10:33: 0	29-NO	337.00	70.00	160.2	226.5	132.3	0.290
10:38: 0	29-NO	342.00	75.00	160.3	234.2	140.1	0.276
10:43: 0	29-NO	347.00	80.00	160.4	241.8	147.7	0.263
10:48: 0	29-NO	352.00	85.00	160.6	249.2	155.0	0.251
10:53: 0	29-NO	357.00	90.00	160.7	256.5	162.3	0.240
10:58: 0	29-NO	362.00	95.00	160.8	263.6	169.5	0.230
11: 3: 0	29-NO	367.00	100.00	161.0	270.7	176.5	0.221
11: 8: 0	29-NO	372.00	105.00	161.1	277.6	183.4	0.213
11:13: 0	29-NO	377.00	110.00	161.2	284.4	190.2	0.205
11:18: 0	29-NO	382.00	115.00	161.3	291.0	196.8	0.198
11:23: 0	29-NO	387.00	120.00	161.4	297.5	203.4	0.191
11:28: 0	29-NO	392.00	125.00	161.6	304.0	209.8	0.185
11:33: 0	29-NO	397.00	130.00	161.7	310.3	216.1	0.179
11:38: 0	29-NO	402.00	135.00	161.8	316.5	222.4	0.174
11:43: 0	29-NO	407.00	140.00	161.9	322.4	228.3	0.169
11:48: 0	29-NO	412.00	145.00	162.0	328.4	234.2	0.164
11:53: 0	29-NO	417.00	150.00	162.1	334.2	240.1	0.159
11:58: 0	29-NO	422.00	155.00	162.2	340.0	245.8	0.155
12: 3: 0	29-NO	427.00	160.00	162.3	345.5	251.3	0.151
12: 8: 0	29-NO	432.00	165.00	162.5	350.9	256.7	0.147
12:13: 0	29-NO	437.00	170.00	162.6	356.0	261.8	0.143
12:18: 0	29-NO	442.00	175.00	162.7	361.1	266.9	0.140
12:23: 0	29-NO	447.00	180.00	162.8	366.3	272.1	0.137
12:24: 0	29-NO	448.00	181.00	162.8	367.3	273.1	0.136

FLOPETFOL JOHNSTON

Schlumberger

DISTRIBUTION FOR TECHNICAL REPORTS

JS-223-A

FIELD REPORT NO. 47116E

DATE 11-29-84

COMPANY	WELL	NO.
Amoco Production Company	Salmon Ranch	B-1

CUSTOMER	FIELD
Same	Wildcat

COUNTY	STATE
Mora	New Mexico

☐ THIS TEST ONLY ☒ ALL TESTS ON THIS WELL

JOHNSTON-MACCO HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS. THIS DISTRIBUTION WILL BE AS INDICATED AT LEFT UNLESS OTHERWISE STATED.

5 Amoco Production Company P. C. Box 68 Hobbs, New Mexico 88240	☐
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐