
 * TEST TICKET DATA PRINTOUT *

WELL IDENTIFICATION

1. WELL	: CHEVRON STATE #1
2. COMPANY	: V-F PETROLEUM INC
3.	: ONE MARIENFELD PLACE, SUITE 580
4.	: MIDLAND, TEXAS 79701
5. CUSTOMER	: SAME
6.	:
7.	:
8. FIELD	: WILDCAT
9. COUNTY	: LEA
10. STATE/PROV.	: NEW MEXICO
11. LOCATION	: SEC36/T15S/R33E
12. TECHNICIAN	: PRICE/DICIRO/BROOKS
13. TEST APPROVED BY	: MR. WAYNE LUNA
14. TEST DATE	: 13-JUN-87
15. DEPTH REFERENCE	: G.L.
16. D.R. ELEVATION	: S.L. 4142 FT (1262.6 M)

HOLE INFORMATION

1. HOLE IS : STRAIGHT	
2. TOTAL DEPTH	: 9791. FT (2984. M)
3. OPEN HOLE DIAMETER	: 7.88 IN (20.02 CM)
4. CASING INTERNAL DIAMETER	: 8.02 IN (20.37 CM)
5. CASING WEIGHT	: 28.00 LB/FT (41.67 KG/M)
6. SETTING DEPTH	: 4448. FT (1356. M)

MUD INFORMATION

1. MUD TYPE	: GEL/DRISPAC
2. MUD WEIGHT	: 8.7 LB/GAL (1042 KG/M3)
3. MUD VISCOSITY	: 37. MARSH FUNNEL SEC
4. CORRECTED WATER LOSS	: 10.0 CC/30 MIN
5. MUD RESISTIVITY	: 0.90 OHM-M
6. MUD RES. MEAS. TEMP.	: 60.0 DEG F (15.6 DEG C)
7. MUD FILTRATE RESISTIVITY	: 0.00 OHM-M
8. MUD FILT. RES. MEAS. TEMP.	: 0.0 DEG F (-17.8 DEG C)
9. MUD CHLORIDES CONTENT	: 7000.0 PPM BY WEIGHT

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TEST INFORMATION

1. FIELD REPORT NUMBER : 102894
 2. TEST TYPE : OH-DST-MFE-SPRO-TELE
 3. :
 4. TEST TYPE CODE : 1 (ON BOTTOM)
 5. TEST NUMBER : 1
 6. TELEFLOW IN USE ? : YES
 7. SSDR IN USE ? : NO
 8. SPRO IN USE ? : YES

TEST STRING INFORMATION

#	COMPONENT NAME	EFFECTIVE I.D.		O.D.		FLOW PATH LENGTH	
		INCH	CM	INCH	CM	FT	M
1	FLOWHOSE	1.00	2.54	1.50	3.81	60.	18.
2	ST. WT RISER	2.50	6.35	5.75	14.60	11.	3.
3	STRING WT. HEAD	2.25	5.72	5.75	14.60	11.	3.
4	DRILL PIPE,14.0PPF	3.34	8.48	4.00	10.16	9050.	2758.
5	DRILL COLLARS	2.25	5.72	6.25	15.88	562.	171.
6	REV. CIRC. SUB	2.25	5.72	5.75	14.60	1.	0.
7	DRILL COLLAR	2.25	5.72	6.25	15.88	120.	37.
8	X-O SUB	2.25	5.72	5.75	14.60	1.	0.
9	SPRO BARREL	2.25	5.72	5.00	12.70	8.	2.
10	EXTENSION BARREL	2.75	6.99	5.00	12.70	6.	2.
11	SPRO CONVERTED MFE	0.50	1.27	5.00	12.70	10.	3.
12	OH-BYPASS	1.25	3.17	5.00	12.70	3.	1.
13	JOHNSTON TR JAR	1.87	4.75	4.75	12.06	7.	2.
14	BOWEN SAFETY JOINT	2.50	6.35	4.75	12.06	2.	1.
15	OH-PACKER	1.50	3.81	7.00	17.78	6.	2.
16	OH-PACKER	1.50	3.81	7.00	17.78	6.	2.
17	PERFORATION	3.00	7.62	5.75	14.60	16.	5.
18	RECORDER J_1321	1.12	2.84	5.75	14.60	6.	2.
19	RECORDER J_1706	1.12	2.84	5.75	14.60	7.	2.

TEST STRING PLACEMENT

1. DEPTH AT BOTTOM OF DEEPEST PACKER SUB : 9761. FT (2975. M)
 2. DEPTH AT BOTTOM OF DEEPEST UPPER PACKER RUBBER : 9760. FT (2975. M)

 * TEST TICKET DATA PRINTOUT *

TEST ZONE DESCRIPTION

FORMATION NUMBER : 1

1. FORMATION NAME : WOLFCAMP
 2. ESTIMATED TOP OF PRODUCTIVE ZONE : 9770. FT (2978. M)
 3. ESTIMATED BOTTOM OF PRODUCTIVE ZONE : 9791. FT (2984. M)
 4. ESTIMATED NET PRODUCTIVE ZONE THICKNESS : 21. FT (6. M)
 5. ESTIMATED NET PRODUCTIVE ZONE POROSITY : 0.10 FRAC.

TEST CONDITIONS

1. BOTTOMHOLE CHOKE(S) EFF. INTERVAL DIA. : 0.50 IN (1.27 CM)
 2. LIQUID CUSHION TYPE : FRESH WATER
 3. LIQUID CUSHION LENGTH : 130. FT (40. M)
 4. LIQUID CUSHION WEIGHT : 8.34 LB/GAL (999.4 KG/M3)

TEST TOOL SAMPLE CHAMBER RECOVERY DATA

SAMPLE PRESSURE : 20. PSIG (138. KPA)
 OIL GRAVITY : 0.0 DEG. API @ AT 0.0 DEG F (-17.8 DEG C)
 GAS/OIL RATIO : 0. FT3/BBL

SAMPLE CHAMBER CONTENTS

FLUID	VOLUME	RESISTIVITY	CHLORIDES
GAS	0.0 FT3 (0.000 M3)		
OIL	0.00000 BBL (0.0 CM3)		
WATER	0.00000 BBL (0.0 CM3)	0.00 OHM-M @ 0.0 DEG F	0. PPM
MUD	0.01385 BBL (2200.0 CM3)	0.50 OHM-M @ 78.0 DEG F	
TOTAL LIQUID	0.01385 BBL (2200.0 CM3)		

RECOVERY INFORMATION

DESCRIPTION	FEET	% OIL	% H2O	% OTH	API GRAV. DEG. DEG.F	RESISTIVITY OHM-M DEG.F	CHLOR. PPM
FRESH WATER-BLANKET	93	0	100	0	0 0	0.00 0	0.
MUD CUT WATER	60	0	70	30	0 0	0.00 0	0.
RECOVERED MUD	589	0	0	100	0 0	0.52 78	6500.

SURFACE INFORMATION

DESCRIPTION (RATE OF FLOW)	TIME	PRESSURE PSIG	SURFACE CHOKE
NO SURFACE RESPONSE			

 * WELL TEST DATA PRINTOUT *

FIELD REPORT # : 102894
 INSTRUMENT # : 4012

COMPANY : V-F PERTOLEUM INC.
 WELL : CHEVRON STATE #1

GAUGE START TIME (HH:MM:SS) = 5:59: 0

GAUGE START DATE (DD-MM-YYYY) = 13-JN-1987

GAUGE COEFFICIENTS

COEFFICIENT NO. -----	VALUE -----
1	-0.4109849E+04
2	-0.1399005E+01
3	0.1407559E-01
4	-0.4374081E-04
5	0.3215030E+02
6	0.5800284E-02
7	-0.6059484E-04
8	0.2036719E-06
9	0.4574233E-02
10	-0.1439293E-04
11	0.2017618E-06
12	-0.6789776E-09
13	-0.4554139E-05
14	0.1822234E-07
15	-0.2428873E-09
16	0.8030976E-12
17	-0.7598171E+02
18	0.4188485E+00
19	0.1874933E-04

 * WELL TEST DATA PRINTOUT *

FIELD REPORT # : 102894
 INSTRUMENT # : 4012

COMPANY : V-F PERTOLEUM INC.
 WELL : CHEVRON STATE #1

LABEL POINT INFORMATION

#	TIME OF DAY	DATE	EXPLANATION	ELAPSED TIME	BOT HOLE PRESSURE
	HH:MM:SS	DD-MM-YY		HH:MM:SS	PSIA
	*****	*****	*****	*****	*****
1	8:27:15	13-JN-87	HYDROSTATIC MUD	2:28:15	4430.25
2	8:31:25	13-JN-87	START FLOW	2:32:25	218.00
3	8:42:10	13-JN-87	END FLOW	2:43:10	220.40
4	8:42:35	13-JN-87	START SHUT-IN	2:43:35	63.12
5	9:55: 0	13-JN-87	END SHUT-IN	3:56: 0	3303.72
6	9:56:35	13-JN-87	START FLOW	3:57:35	263.04
7	10:56:45	13-JN-87	END FLOW	4:57:45	240.23
8	10:56:50	13-JN-87	START SHUT-IN	4:57:50	79.55
9	13:56:35	13-JN-87	END SHUT-IN	7:57:35	3362.40
10	13:59:25	13-JN-87	HYDROSTATIC MUD	8: 0:25	4377.70

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME	END ELAPSED TIME	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
	*****	*****	*****	*****	*****	*****
1	2:32:25	2:43:10	10.75	218.00	220.40	218.00
2	3:57:35	4:57:45	60.17	263.04	240.23	263.04

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME	END ELAPSED TIME	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
	*****	*****	*****	*****	*****	*****	*****
1	2:43:35	3:56: 0	72.42	63.12	3303.72	220.40	10.75
2	4:57:50	7:57:35	179.75	79.55	3362.40	240.23	70.92

TEST PHASE : FLOW PERIOD # 1

INITIAL PRESSURE [PSIA] = 218.00

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	SURFACE PRESSURE PSIG	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI
HH:MM:SS	DD-MM						
8:31:25	13-JN	152.42	0.00	-0.11	145.6	218.00	0.00
8:33:25	13-JN	154.42	2.00	-0.10	145.5	224.78	6.78
8:35:25	13-JN	156.42	4.00	-0.09	145.5	222.49	4.49
8:37:30	13-JN	158.50	6.08	-0.09	145.5	221.65	3.65
8:39:30	13-JN	160.50	8.08	-0.09	145.4	221.40	3.40
8:41:30	13-JN	162.50	10.08	-0.09	145.3	221.05	3.05
8:42:10	13-JN	163.17	10.75	-0.12	145.2	220.40	2.40

TEST PHASE : SHUT-IN PERIOD # 1

FINAL FLOW PRESSURE [PSIA] = 220.40

PRODUCING TIME [MIN] = 10.75

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	SURFACE PRESSURE PSIG	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM							
8:42:35	13-JN	163.58	0.00	-0.11	145.2	63.12	-157.28	0.000
8:43:35	13-JN	164.58	1.00	-0.08	145.1	255.50	35.10	1.070
8:44:35	13-JN	165.58	2.00	-0.09	144.9	370.47	150.07	0.804
8:45:35	13-JN	166.58	3.00	-0.08	144.7	500.40	280.00	0.661
8:46:35	13-JN	167.58	4.00	-0.07	144.5	631.44	411.04	0.567
8:47:35	13-JN	168.58	5.00	-0.08	144.4	760.00	539.60	0.498
8:48:35	13-JN	169.58	6.00	-0.08	144.4	882.40	662.00	0.446
8:49:35	13-JN	170.58	7.00	-0.09	144.3	999.42	779.02	0.404
8:50:40	13-JN	171.67	8.08	-0.08	144.3	1119.16	898.76	0.367
8:51:40	13-JN	172.67	9.08	-0.08	144.2	1224.67	1004.27	0.339
8:53:45	13-JN	174.75	11.17	-0.09	144.1	1428.14	1207.74	0.293
8:55:45	13-JN	176.75	13.17	-0.09	144.0	1603.64	1383.24	0.259
8:57:45	13-JN	178.75	15.17	-0.09	144.0	1761.64	1541.24	0.233
8:59:45	13-JN	180.75	17.17	-0.09	143.9	1903.88	1683.48	0.211
9: 1:45	13-JN	182.75	19.17	-0.11	142.1	2032.31	1811.91	0.193
9: 5:55	13-JN	186.92	23.33	-0.10	143.6	2261.69	2041.29	0.165
9: 9:55	13-JN	190.92	27.33	-0.13	143.4	2442.11	2221.71	0.144
9:13:55	13-JN	194.92	31.33	-0.12	143.1	2591.90	2371.50	0.128
9:17:55	13-JN	198.92	35.33	-0.14	142.9	2717.96	2497.56	0.115
9:21:55	13-JN	202.92	39.33	-0.17	142.7	2824.46	2604.06	0.105
9:26:45	13-JN	207.75	44.17	-0.17	142.4	2933.05	2712.65	0.095
9:30:45	13-JN	211.75	48.17	-0.17	142.2	3009.46	2789.06	0.087
9:34:45	13-JN	215.75	52.17	-0.18	142.0	3075.35	2854.95	0.081
9:38:45	13-JN	219.75	56.17	-0.19	138.3	3132.58	2912.18	0.076
9:48:45	13-JN	229.75	66.17	-0.23	141.4	3247.66	3027.26	0.065
9:55: 0	13-JN	236.00	72.42	-0.26	141.2	3303.72	3083.32	0.060

TEST PHASE : FLOW PERIOD # 2

INITIAL PRESSURE [PSIA] = 263.04

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	SURFACE PRESSURE PSIG	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI
HH:MM:SS	DD-MM						
9:56:35	13-JN	237.58	0.00	-0.26	141.2	263.04	0.00
9:58:35	13-JN	239.58	2.00	-0.25	141.0	245.87	-17.17
10: 0:35	13-JN	241.58	4.00	-0.27	141.0	244.30	-18.74
10: 2:35	13-JN	243.58	6.00	-0.29	140.9	243.60	-19.44
10: 4:40	13-JN	245.67	8.08	-0.28	140.9	243.58	-19.46
10: 6:40	13-JN	247.67	10.08	-0.28	140.9	243.44	-19.60
10: 8:40	13-JN	249.67	12.08	-0.29	140.8	243.50	-19.54
10:10:40	13-JN	251.67	14.08	-0.32	140.8	243.39	-19.65
10:12:40	13-JN	253.67	16.08	-0.32	140.7	243.20	-19.84
10:14:40	13-JN	255.67	18.08	-0.31	140.6	243.01	-20.03
10:17:10	13-JN	258.17	20.58	-0.32	140.5	242.89	-20.15
10:19:10	13-JN	260.17	22.58	-0.34	140.5	242.61	-20.43
10:21:10	13-JN	262.17	24.58	-0.34	140.4	242.52	-20.52
10:23:10	13-JN	264.17	26.58	-0.35	140.4	242.43	-20.61
10:25:10	13-JN	266.17	28.58	-0.34	140.3	242.34	-20.70
10:27:10	13-JN	268.17	30.58	-0.34	140.3	242.28	-20.76
10:29:10	13-JN	270.17	32.58	-0.36	138.2	242.46	-20.58
10:31:10	13-JN	272.17	34.58	-0.35	140.2	242.17	-20.87
10:33:10	13-JN	274.17	36.58	-0.36	140.2	242.05	-20.99
10:35:10	13-JN	276.17	38.58	-0.37	140.1	241.88	-21.16
10:37:10	13-JN	278.17	40.58	-0.37	140.1	241.77	-21.27
10:39:10	13-JN	280.17	42.58	-0.37	140.0	241.60	-21.44
10:41:10	13-JN	282.17	44.58	-0.38	140.1	241.41	-21.63
10:43:10	13-JN	284.17	46.58	-0.38	140.0	241.21	-21.83
10:45:10	13-JN	286.17	48.58	-0.39	140.0	241.05	-21.99
10:47:10	13-JN	288.17	50.58	-0.38	139.8	240.90	-22.14
10:49:10	13-JN	290.17	52.58	-0.39	139.9	240.72	-22.32
10:51:10	13-JN	292.17	54.58	-0.40	136.6	240.70	-22.34
10:53:10	13-JN	294.17	56.58	-0.39	139.9	240.51	-22.53
10:55:10	13-JN	296.17	58.58	-0.39	139.8	240.32	-22.72
10:56:45	13-JN	297.75	60.17	-0.47	139.8	240.23	-22.81

TEST PHASE : SHUT-IN PERIOD # 2

FINAL FLOW PRESSURE [PSIA] = 240.23

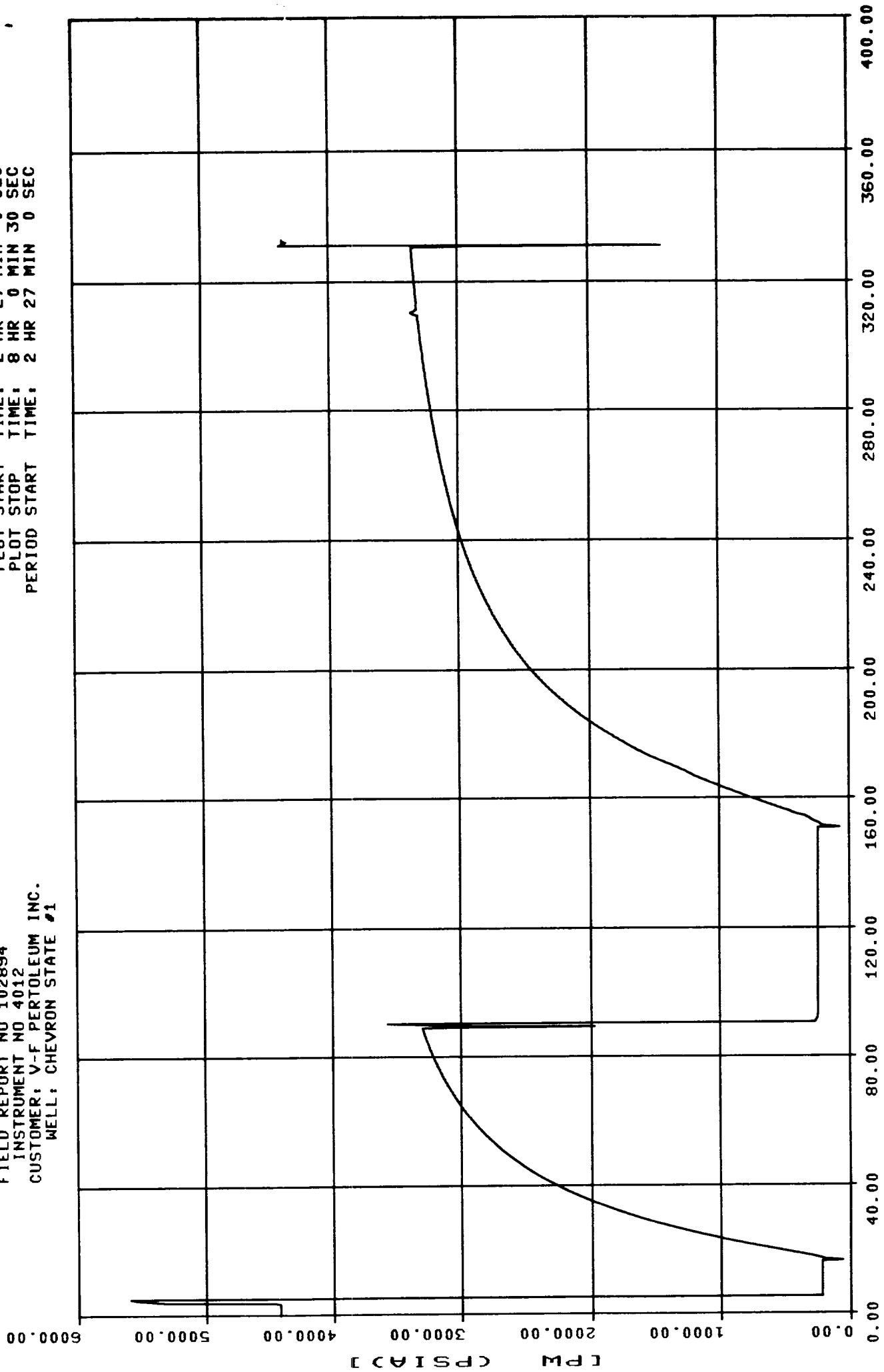
PRODUCING TIME [MIN] = 70.92

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	SURFACE PRESSURE PSIG	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM							
10:56:50	13-JN	297.83	0.00	-0.44	139.8	79.55	-160.68	0.000
10:57:50	13-JN	298.83	1.00	-0.43	139.8	230.91	-9.32	1.857
10:58:50	13-JN	299.83	2.00	-0.42	139.8	280.65	40.42	1.562
10:59:55	13-JN	300.92	3.08	-0.42	139.8	324.15	83.92	1.380
11: 0:55	13-JN	301.92	4.08	-0.41	139.7	402.66	162.43	1.264
11: 2: 5	13-JN	303.08	5.25	-0.42	139.7	479.32	239.09	1.162
11: 3:25	13-JN	304.42	6.58	-0.42	139.7	575.64	335.41	1.071
11: 4:25	13-JN	305.42	7.58	-0.40	139.7	648.33	408.10	1.015
11: 5:25	13-JN	306.42	8.58	-0.43	139.7	717.46	477.23	0.967

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	SURFACE PRESSURE PSIG	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM							
11: 6:25	13-JN	307.42	9.58	-0.43	139.7	785.81	545.58	0.924
11: 8:25	13-JN	309.42	11.58	-0.42	139.7	918.73	678.50	0.853
11:10:25	13-JN	311.42	13.58	-0.43	139.6	1052.96	812.73	0.794
11:12:25	13-JN	313.42	15.58	-0.44	139.6	1176.15	935.92	0.744
11:14:25	13-JN	315.42	17.58	-0.43	139.6	1276.77	1036.54	0.702
11:16:25	13-JN	317.42	19.58	-0.44	139.6	1386.17	1145.94	0.665
11:20:25	13-JN	321.42	23.58	-0.44	139.5	1611.89	1371.66	0.603
11:24:25	13-JN	325.42	27.58	-0.45	134.9	1792.15	1551.92	0.553
11:28:25	13-JN	329.42	31.58	-0.44	135.7	1950.23	1710.00	0.511
11:32:25	13-JN	333.42	35.58	-0.45	139.4	2090.80	1850.57	0.476
11:36:25	13-JN	337.42	39.58	-0.46	138.0	2213.50	1973.27	0.446
11:40:25	13-JN	341.42	43.58	-0.48	139.4	2321.63	2081.40	0.419
11:44:25	13-JN	345.42	47.58	-0.49	139.3	2417.19	2176.96	0.396
11:48:25	13-JN	349.42	51.58	-0.49	139.3	2502.00	2261.77	0.376
11:52:25	13-JN	353.42	55.58	-0.50	139.3	2578.04	2337.81	0.357
11:56:25	13-JN	357.42	59.58	-0.51	139.3	2645.15	2404.92	0.340
12: 6:25	13-JN	367.42	69.58	-0.51	139.2	2786.31	2546.08	0.305
12:16:25	13-JN	377.42	79.58	-0.53	133.7	2898.82	2658.59	0.277
12:26:25	13-JN	387.42	89.58	-0.56	134.6	2988.87	2748.64	0.253
12:36:25	13-JN	397.42	99.58	-0.57	139.0	3062.01	2821.78	0.234
12:46:25	13-JN	407.42	109.58	-0.60	137.3	3122.57	2882.34	0.217
12:56:25	13-JN	417.42	119.58	-0.62	135.2	3173.76	2933.53	0.202
13: 6:25	13-JN	427.42	129.58	-0.62	138.9	3217.34	2977.11	0.190
13:16:25	13-JN	437.42	139.58	-0.65	132.8	3255.05	3014.82	0.178
13:26:25	13-JN	447.42	149.58	-0.65	133.1	3287.52	3047.29	0.169
13:36:25	13-JN	457.42	159.58	-0.68	132.2	3365.52	3125.29	0.160
13:46:25	13-JN	467.42	169.58	-0.66	134.6	3340.05	3099.82	0.152
13:56:25	13-JN	477.42	179.58	-0.71	135.3	3362.05	3121.82	0.145
13:56:35	13-JN	477.58	179.75	-0.68	133.4	3362.40	3122.17	0.144

FIELD REPORT NO 102894
 INSTRUMENT NO 4012
 CUSTOMER: V-F PERTOLEUM INC.
 WELL: CHEVRON STATE #1

PLOT START TIME: 2 HR 27 MIN 0 SEC
 PLOT STOP TIME: 8 HR 0 MIN 30 SEC
 PERIOD START TIME: 2 HR 27 MIN 0 SEC



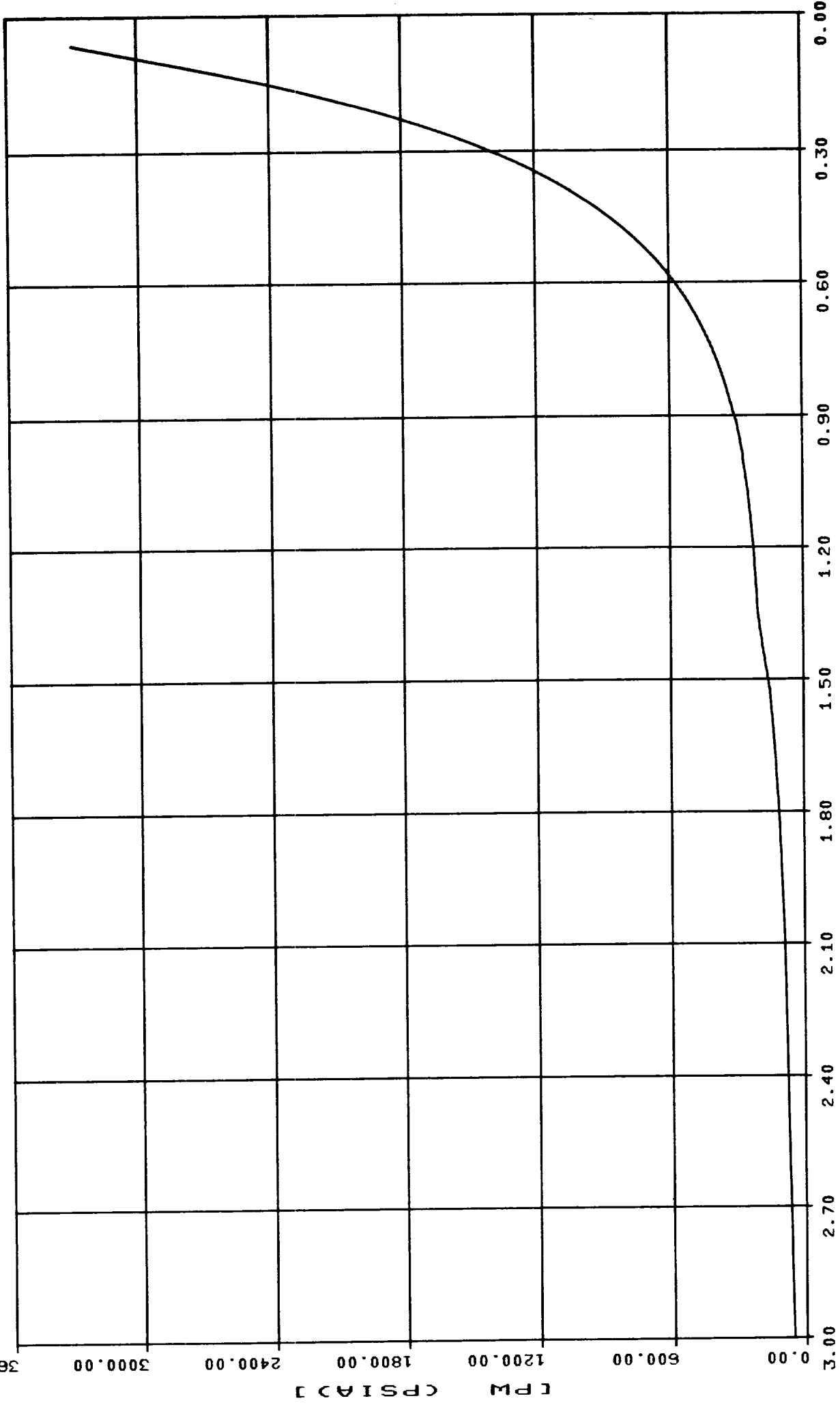
JOHNSTON-MACCO
SCHLUMBERGER

[D T (MIN)]

INITIAL SHUT-IN

FIELD REPORT NO 102894
INSTRUMENT NO 4012
CUSTOMER: V-F PERTOLEUM INC.
WELL: CHEVRON STATE #1

PLOT START TIME: 2 HR 43 MIN 35 SEC
PLOT STOP TIME: 3 HR 56 MIN 0 SEC
PERIOD START TIME: 2 HR 43 MIN 35 SEC
TP - 11 MIN



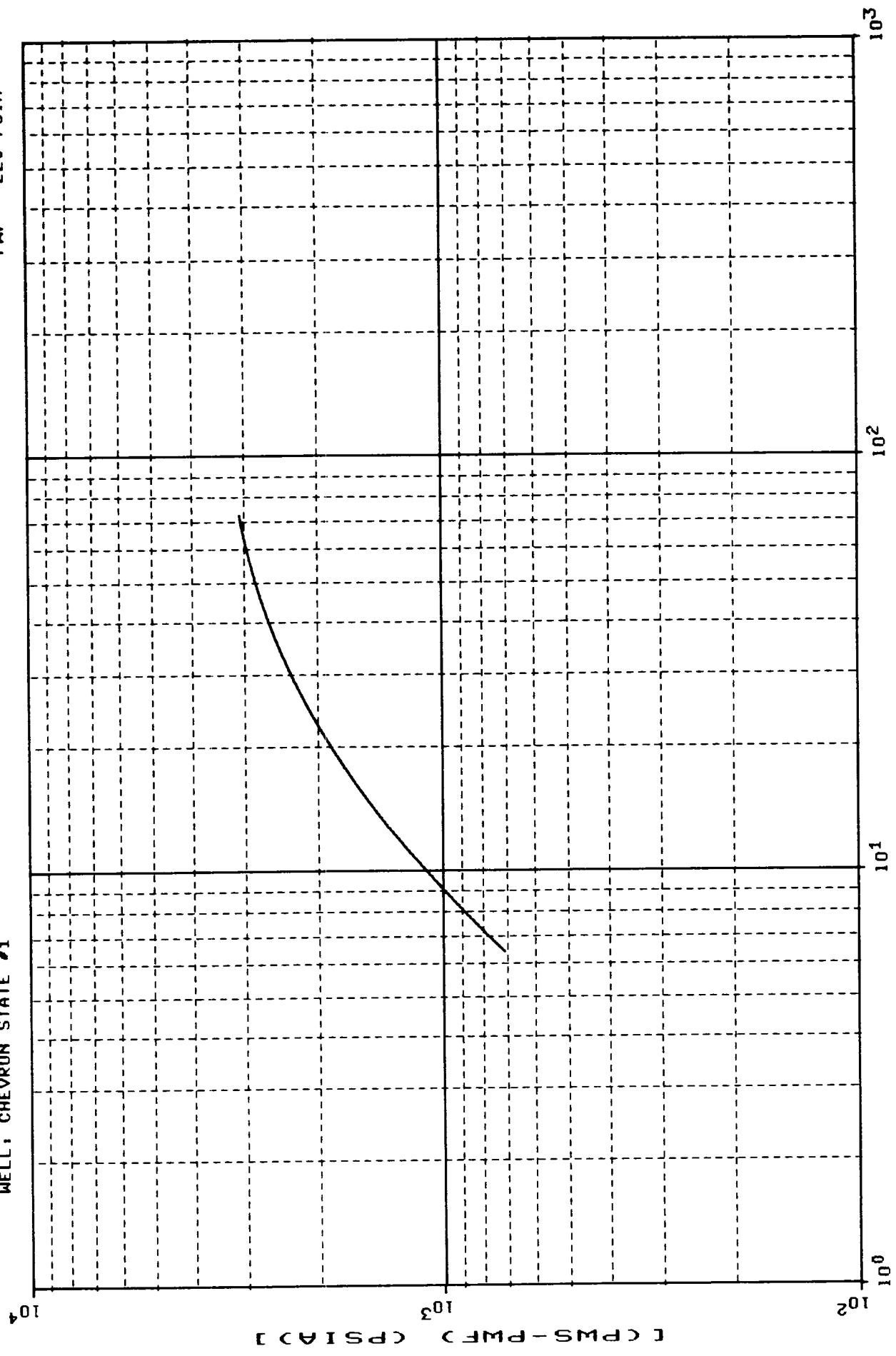
JOHNSTON-MACCO
SCHLUMBERGER

LOG[(CTP+DT)/DT]

INITIAL SHUT-IN

FIELD REPORT NO 102894
 INSTRUMENT NO 4012
 CUSTOMER: V-F PETROLEUM INC.
 WELL: CHEVRON STATE #1

PLOT START TIME: 2 HR 50 MIN 0 SEC
 PLOT STOP TIME: 3 HR 56 MIN 0 SEC
 PERIOD START TIME: 2 HR 43 MIN 35 SEC
 PMF: 220 PSIA



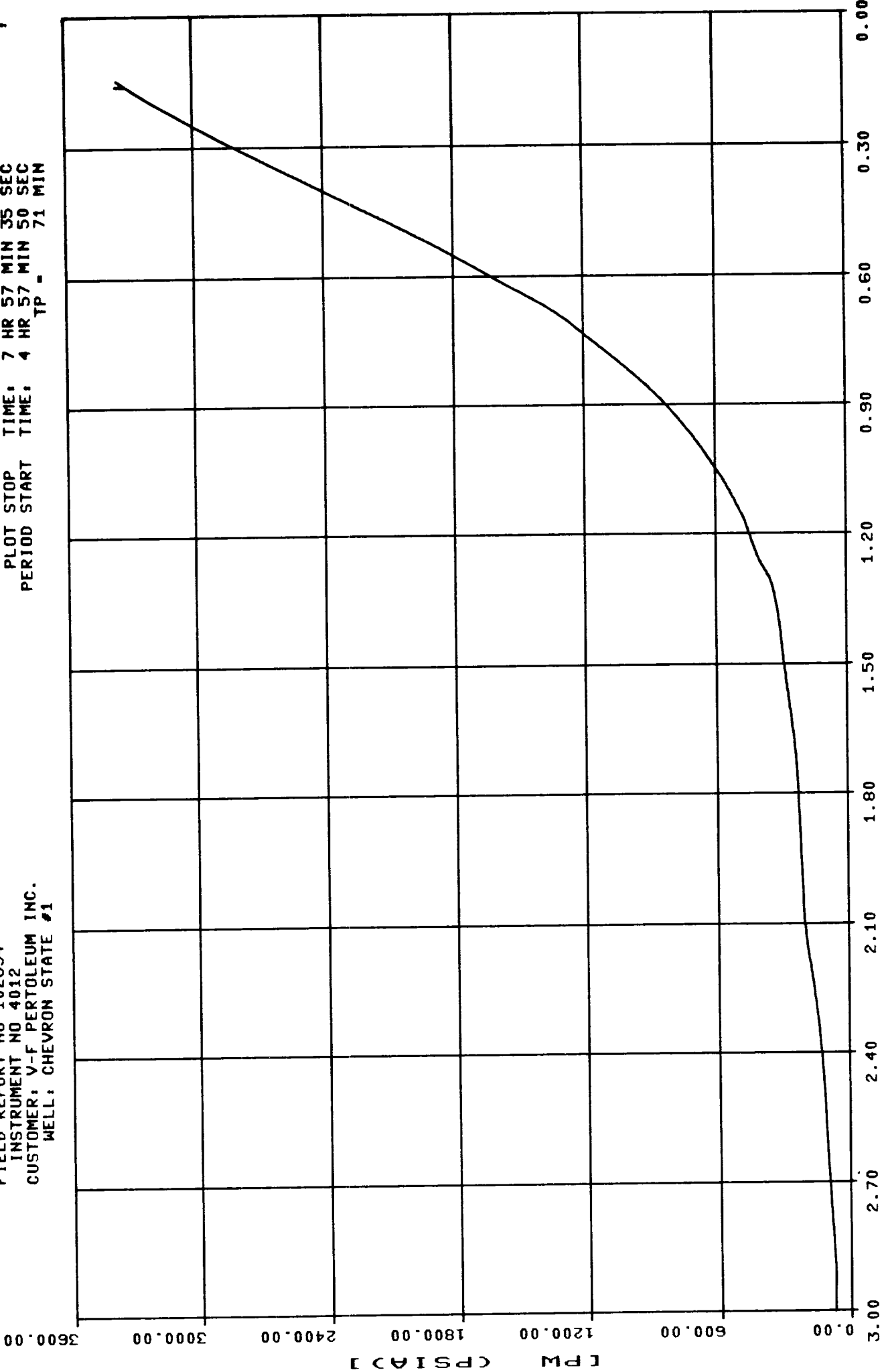
JOHNSTON-MACCO
SCHLUMBERGER

[DT (MIN)]

FINAL SHUT-IN

FIELD REPORT NO 102894
 INSTRUMENT NO 4012
 CUSTOMER: V-F PERTOLEUM INC.
 WELL: CHEVRON STATE #1

PLOT START TIME: 4 HR 57 MIN 50 SEC
 PLOT STOP TIME: 7 HR 57 MIN 35 SEC
 PERIOD START TIME: 4 HR 57 MIN 50 SEC
 TP - 71 MIN



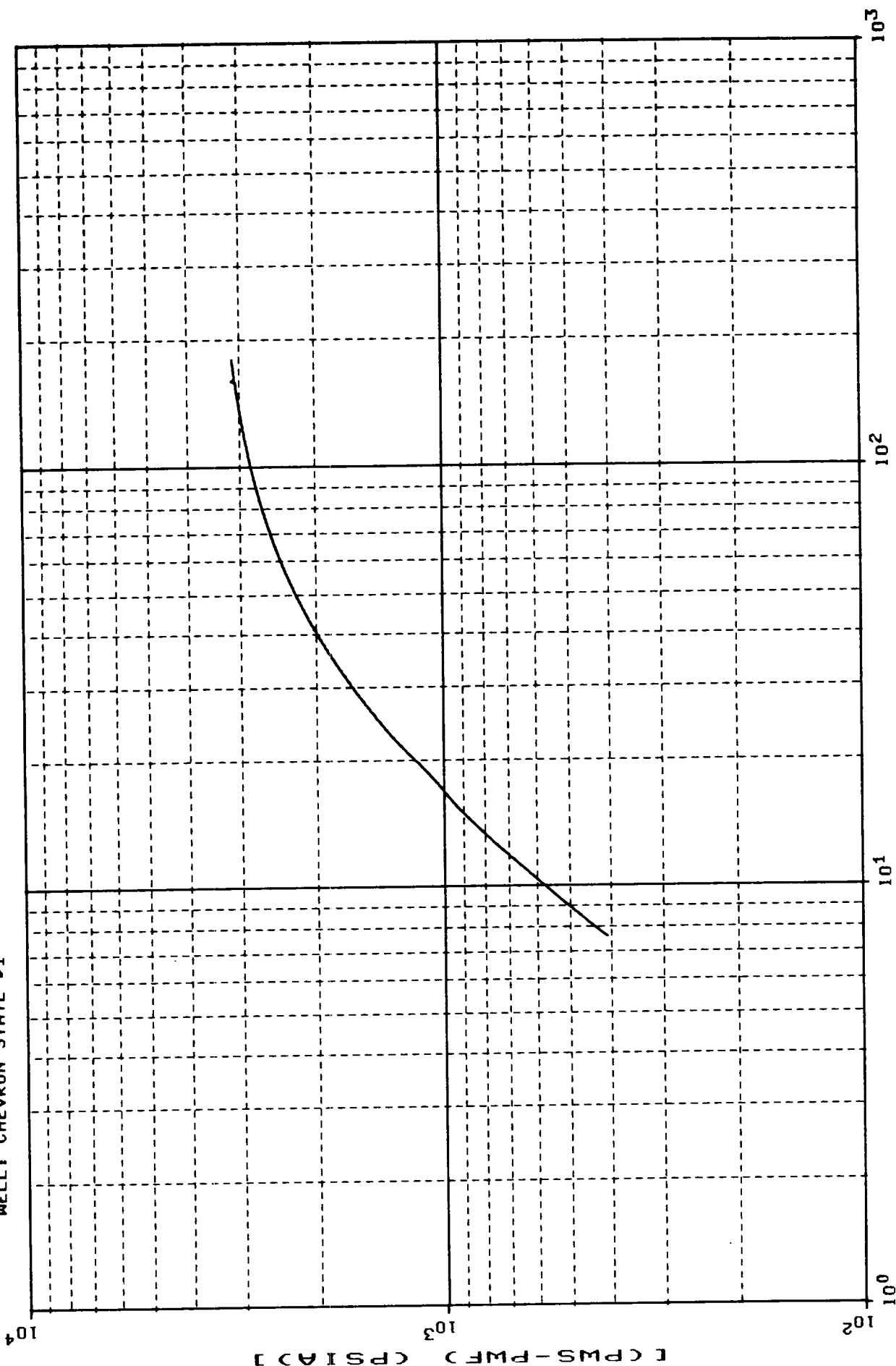
JOHNSTON-MACCO
SCHLUMBERGER

LOG[(TP+DT)/DT]

FINAL SHUT-IN

FIELD REPORT NO 102894
 INSTRUMENT NO 4012
 CUSTOMER: V-F PERTOLEUM INC.
 WELL: CHEVRON STATE #1

PLOT START TIME: 5 HR 5 MIN 0 SEC
 PLOT STOP TIME: 7 HR 57 MIN 35 SEC
 PERIOD START TIME: 4 HR 57 MIN 50 SEC
 PMF = 240 PSIA



JOHNSTON-MACCO
 SCHLUMBERGER

[DT (MIN)]