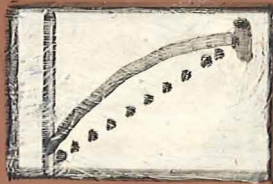
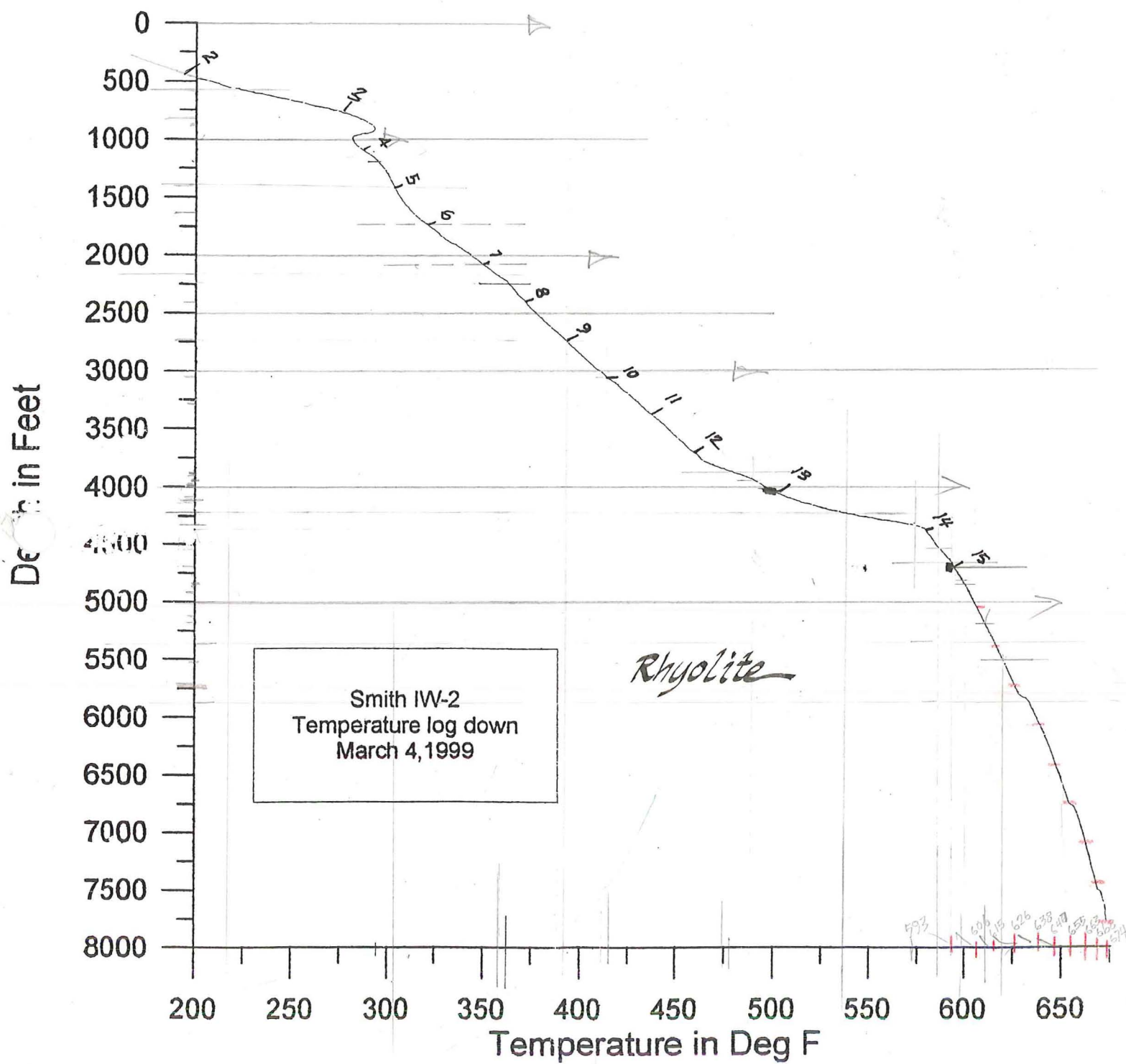


BALTON
ROUGH

SSGF

WELL-LOG
SUMMARIES





IID-8

WALT
TEMPS

	23770	23761		
	20475	10553	AVE	
8/15/1996	8/1/1997	1/12/1999	1/12/1999	11/12/1999
90	75	67	78	72.5

88.5 (D)

245	236	246	259	252.5
-----	-----	-----	-----	-------

252 ~~250~~ 1000'

424	406	421	432	426.5
-----	-----	-----	-----	-------

427 2000'

492	477	486	497	491.5
-----	-----	-----	-----	-------

2500'

540	524	539	548	543.5
-----	-----	-----	-----	-------

542 3000'

570	555	572	580	576
-----	-----	-----	-----	-----

3500'

566	549	565	573	569
-----	-----	-----	-----	-----

571 4000'

562	544	557	566	561.5
-----	-----	-----	-----	-------

4500'

561	543	558	564	561
-----	-----	-----	-----	-----

565 5000'

561	541	558	566	562
-----	-----	-----	-----	-----

5500'

563	543	558	566	562
-----	-----	-----	-----	-----

6000'

DR5

DR6

DR6

467.4

553

558.1

474.8

553

558.4

5000

488.1

553

558.1

494.2

552

558.1

498.2

552

558.1

501.9

552

558.4

505

558.2

507.2

509.7

510.3

511.5

513.7

6000

515.5

516.1

517.7

518.6

6100

523

DR 4

DR-5

4600
4700
4800
4900
5000
5100
5200
5300
5400
5500
5600
5700
5800
5900
6000
6100
6200
6300
6400
6500
6600
6700
6800
6900
7000
7100
7200
7300
7400
7500
7600
7700
7800
7900
8000
8100
8200
8300
8400
8500
8600
8700
8800
8900
9000
9100
9200
9300
9400
9500
9600
9700

541 552
540.7 552.2
540.7 552.3
540.7 552.7

526 525.3
526 525.6
523.8 525.9
524.8 526.2
525.7 526.8
527.5 527.4



M-9
DATE 3/27/1985
FT East 7680
FT North 5790

MAGMAM/STATIC T&P
3/27/1985

TVD	F
0	
100	
200	
300	
400	
500	213
600	246
700	279
800	312
900	345
1000	378
<hr/>	
1100	397
1200	416
1300	436
1400	455
1500	474
1600	481
1700	488
1800	496
1900	503
2000	510
<hr/>	
2100	515
2200	520
2300	528
2400	536
2500	540
2600	544
2700	547
2800	549
2900	557
3000	564
<hr/>	
3100	572
3200	580
3300	585
3400	590
3500	602
3600	
3700	
3800	
3900	
4000	
4100	
4200	
4300	
4400	
4500	

MD	P	T
500	186.3	213
1037	408.1	378
1651	596.2	474
2261	821	510
2496	936.3	520
2732	1022	536
2964	1091	544
3192	1198	549
3417	1281	564
3640	1346	580
3861	1446	590
3972	1486	602

DATE	M-14	MM-1	MM-2	MM-3	M-11
4/3/1985					4/3/1985
FT East	8545	9070	5580	7810	8545
FT North	5455	5480	7670	7695	5655

0					
100					
200					
300					
400					
500	209.9				201.7
600	240				233
700	269				264
800	299				296
900	330				328
1000	360.1	353	293	322	<u>359.6</u>
1100	385				386
1200	410				412
1300	429				433
1400	443				450
1500	456.1	430	400	426	466.3
1600	464				481
1700	472				497
1800	480				509
1900	489				519
2000	498	486	473	466	<u>528.8</u>
2100	504				539
2200	510.5				550.1
2300	520				557
2400	530.2				563.2
2500	536		534	530	566
2600	541.1				568.6
2700	544				571
2800	547.9				572.4
2900	553				573
3000	560.2		584	584	574
3100	562				<u>575</u>
3200	563.2				575.7
3300					576
3400					576.8
3500			604		581

	SIN-3	SIN-4
DATE		
FT East	10885	8155
FT North	-330	400
0		
100		
200		
300		
400		
500		
600		
700		
800		
900		
1000	129	208
1100		
1200		
1300		
1400		
1500	160	212
1600		
1700		
1800		
1900		
2000	181	215
2100		
2200		
2300		
2400		
2500	241	285
2600		
2700		
2800		
2900		
3000	291	399
3100		
3200		
3300		
3400		
3500	345	450
3600		
3700		
3800		
3900		
4000	379	500
4100		
4200		
4300		
4400		
4500	426	
4600		
4700		
5000	473	

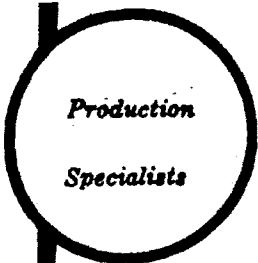
	DR-3	DR-3	DR-3	DR-4	DR-4	DR-4	DR-5	DR-5
DATE	3/31/1988	9/15/1988	2/17/1990	3/29/1988	9/18/1988	2/17/1990	9/19/1988	2/16/1990
FT East	10385	10385	10390	10385	10385	10390	10385	10390
FT North	5200	5200	5180	4490	4490	4474	3750	3752

TVD

0								
100								
200								
300	157			195				
400	176			218				
500	195.6	203.1	317.7	240.1		298.2	279.8	378.7
600	219	225.9	356.6	270			306.7	
700	243	253.3	378.1	300			333.1	
800	267	263.7	396.5	329	285.9		363.6	
900	291	312.6	418.1	356	322		392.8	
1000	315.2	329.1	414.9	<u>382.7</u>	372.7	419.9	413.8	431.3
1100	330	344.2	420.5	393	404.6	431.9	425	
1200	344	362.2	434.3	404	417.5	434.5	431.9	
1300	356	371.8	439.7	412	426.8	438.3	437.9	
1400	365	382	446.9	419	433.9	443.6	444.3	
1500	374.7	395.8	455.1	424.9	441.1	451.6	452.1	467.2
1600	387.1	410.4	460.8	431	448.1	458.6	453.9	467.8
1700	399.8	421.4		436	453.2	463.7	440.4	464.8
1800	410.4	429.9		442	458.2	469	435.5	466
1900	419.5	438.8		447	462.9	473.7	440.4	469
2000	431.1	448		<u>452.8</u>	467.9	480.6	442.8	469.6
2100	438.1	453.7		457.9	471.8	483.9	441.6	470.8
2200	449.2	461.9		465.1	477.9	489.2	441.6	472.2
2300	459.9	468.4		471.8	484.7	494.5	444	474.3
2400	468.7	474.2		477.2	489.9	498.6	448.8	477
2500	476.7	479.1		482.4	495.5	501.9	457.6	480.3
2600	484.5	485.1		487.9	501.3	504.6	465.7	481.5
2700	491.3	490.6		493.2	505.4	507.3	476.3	479.7
2800	499	495.8		498.7	511.4	510.6	480.6	485.6
2900	507.4	500.8		504	516.8	513.8	485.7	492.5
3000	518.3	505.8		<u>512.2</u>	<u>522.9</u>	516.2	492.7	500.4
3100	525	512.2		518.3	530.6		505.2	503.1
3200	532.8	518.7		524.5	536.2		513.2	508.5
3300		525.1		531.5	542.5		516.5	513.7
3400		530.3		534.4	546.7		520.8	517
3500		535.3		536.6	548.3		524.8	522.5
3600				536.3	547.9		529.7	528.3
3700				533.1	546.4		532.4	531.4
3800				535	546.3		532.4	532.3
3900				535	546.3		530.9	531.4
4000				<u>534.7</u>	<u>546.7</u>		527.8	529
4100				534.7	547.3		525.7	527.4
4200				534.7	548.6		524.2	526.5
4300				534.7	550.4		523.8	525.9
4400				537.7	550.8		525.1	525.3
4500				539.9	551.4		524.8	525.3

DR-5	DR-6	DR-6
7/7/1991	3/31/1988	9/16/1988
10390	10385	10385
3752	3650	3650

100	218.5		
	261	227	
5	352.1	259	
6	365.7	292	322
7	371.6	316	329.6
8	375.9	339	346.6
9	379.4	363	370.5
1000	382.5	383	392.7
	384	402.9	415.2
	387.1		427.1
	389	422	437
	390.2	427	442
	390.5	435	447
	390.8	439	452.2
	391.7	442	455.1
	397.3	443	457
2000	406.6	446	458.5
21	411.6	450	462
	418.1	454	465
	419.3	457.4	466.9
	420.2	455	462
	421.1	452	460
	421.4	452.5	462
	422.1	455	469
	422.4	473	483
	422.7	484	495
3000	423.3	492	495
	423.9	503	508
	424.5	502	511
	424.8	511.6	516
	425.5	524	524.9
	426.1	541	548
	427	548	553.5
	430.1	548	555.5
	433.8	549	556
	438.1	548	555.5
4000	441.8	548	555.5
	445.8	552	556
	448.9	552	556.5
	451.5	552	556.7
	453.2	552	558
	455.1	553	558.4
	455.7	553	558.4
	459.4	553	557.7



AGNEW AND SWEET

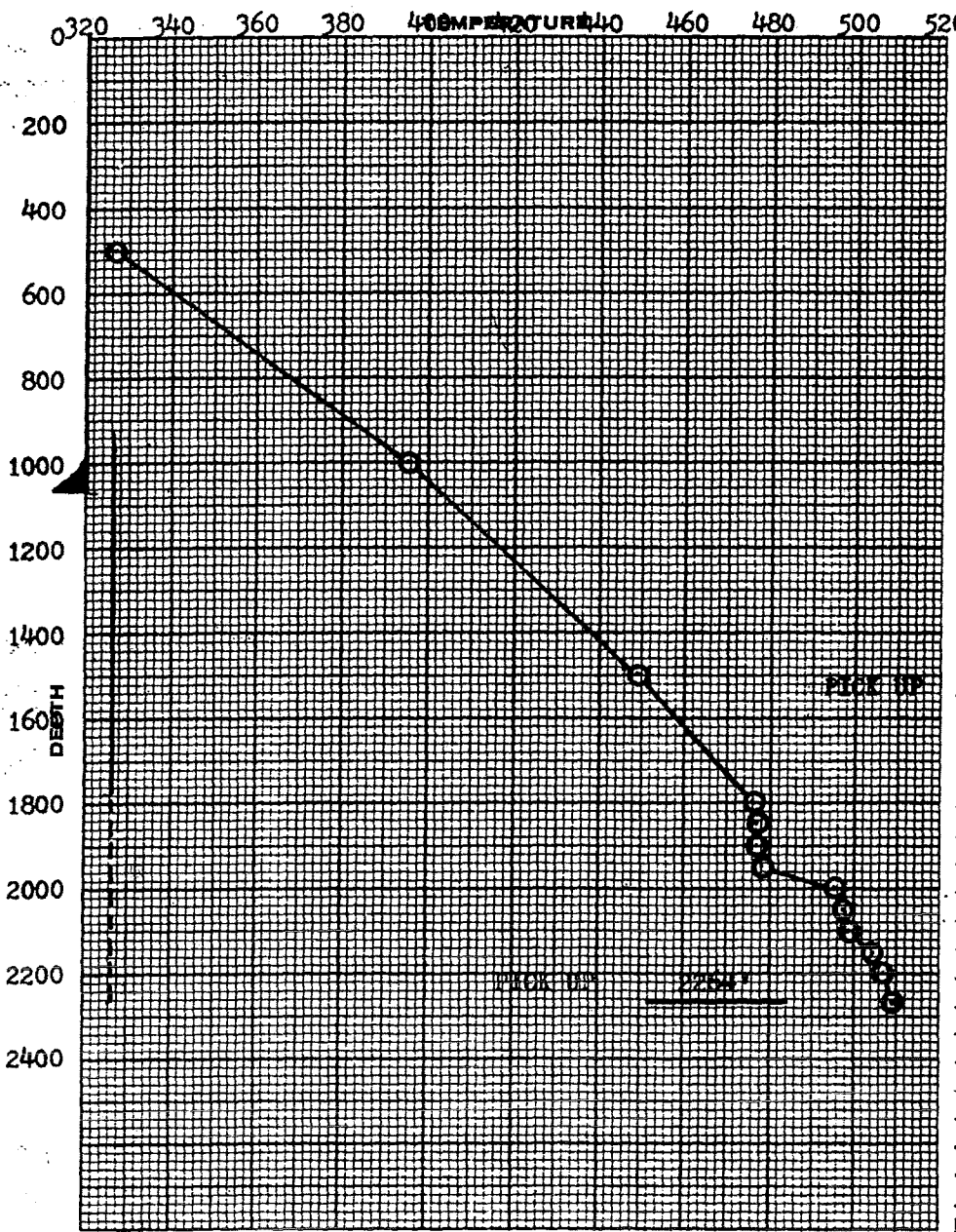
3914 GILMORE AVENUE

BAKERSFIELD, CALIFORNIA
93308

24 HOUR PH
AREA C

SUBSURFACE TEMPERATURE SURVEY

OWNER	MAGMA POWER COMPANY	FIELD	SALTON SEA	WELL NAME	Magma 1
CASING	13-3/8" C. at 1060'	ELEV.		DATE	MAY 5,
LINER DESCRIPTION:	8-5/8" Top at 908' Bottom at 2264'			ZERO POINT	K B + 1
	With blank shoe on bottom			DEPTH	
	PERFS: 1792' to 2264'			ZONE	
TUBING DETAIL:	None			INSTRUMENT	106° -
				SERIAL NO.	1-005
PUMP SHOE	GAS ANCHOR	INTAKE:		12 Hour	7 1/2 Turr
PURPOSE	STATIC TEMPERATURE SURVEY			MAX. TEMP.	417 °
REMARKS:	PICK UP AT 2264'				

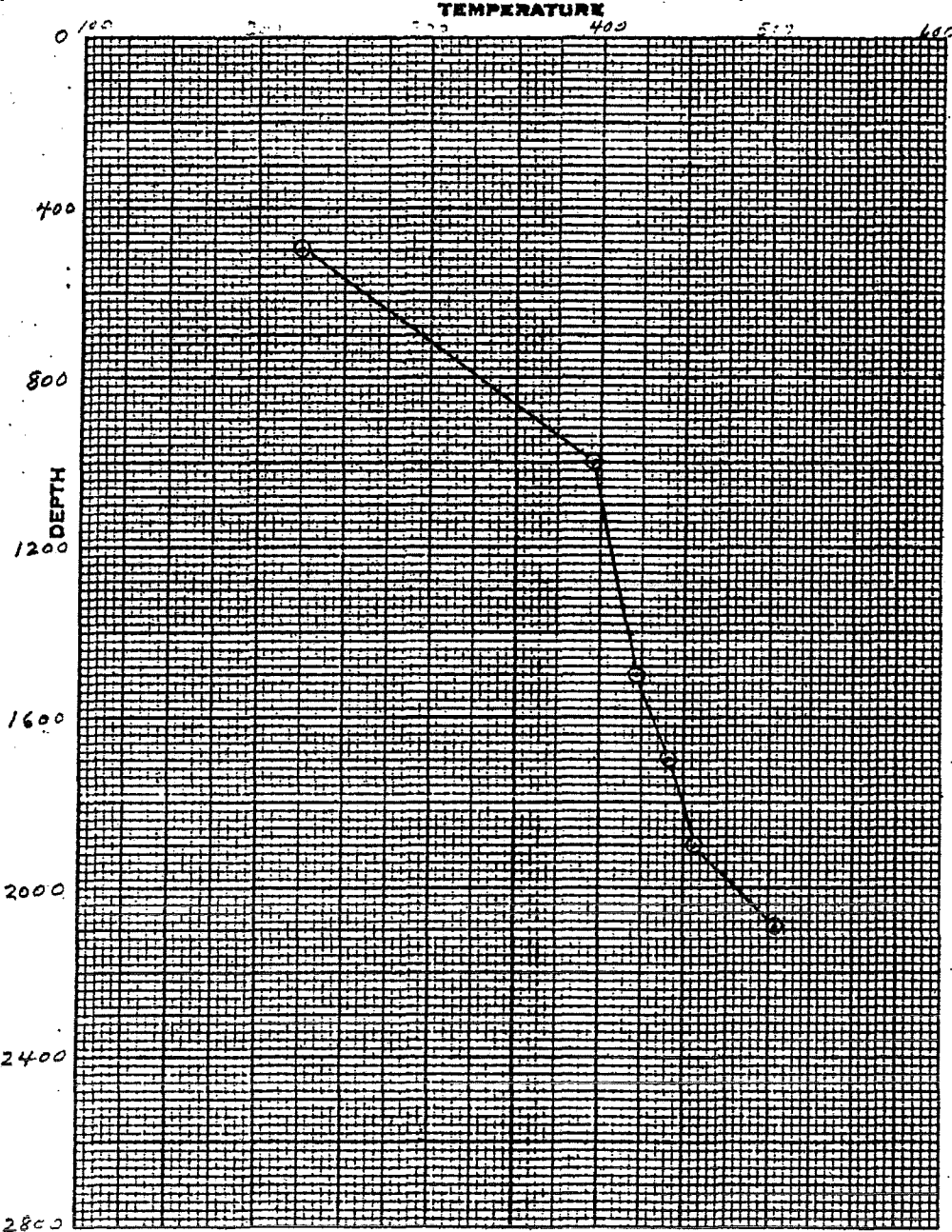


STABILIZATION PERIOD	
GROSS OIL RATE B/D	
NET OIL RATE B/D	
FORMATION GAS MCF/D	
GOR CFT BBL	
CIRCULATED GAS MCF/D	
OIL DRY GRAVITY °API	
PRESSURE:	OBSS
CASING, PSIG	---
TUBING, PSIG	---
DEPTH	TEMP.
0	-----
500	327.1
1000	395.8
1500	449.6
1800	476.0
1850	476.5
1900	477.0
1950	478.0
2000	495.2
2050	497.5
2100	498.8
2150	504.2
2200	506.8
2264	509.1
TIME ON BOTTOM	
1:30 P.M. 5-5-72	
TIME OFF BOTTOM	
1:35 P.M. 5-5-72	
BY: HILDERBRAND LOE	

MAGMA POWER COMPANY
 631 South Witmer Street
 Los Angeles, California 90017
 (213) 482-2285

SUBSURFACE TEMPERATURE SURVEY

OWNER	FIELD	WELL NAME
CASING	ELEV.	DATE
LINER DESCRIPTION:		ZERO POINT
		DEPTH
		ZONE
TUBING DETAIL:		
		INSTRUMENT
		SERIAL NO.
PUMP SHOE	GAS ANCHOR	INTAKE:
PURPOSE		MAX. TEMP.
REMARKS:		



STABILIZATION PERIOD	
GROSS OIL RATE B/D	
NET OIL RATE B/D	
FORMATION GAS MCF/D	
GOR CFT/BBL	
CIRCULATED GAS MCF/D	
OIL DRY GRAVITY °API	
PRESSURES	OBS
CASING, PSIG	0
TUBING, PSIG	
DEPTH	TEMP.
500'	225°F
1000'	297
1500'	421
1700'	440
1900'	457
2097'	505
BY: [Signature]	

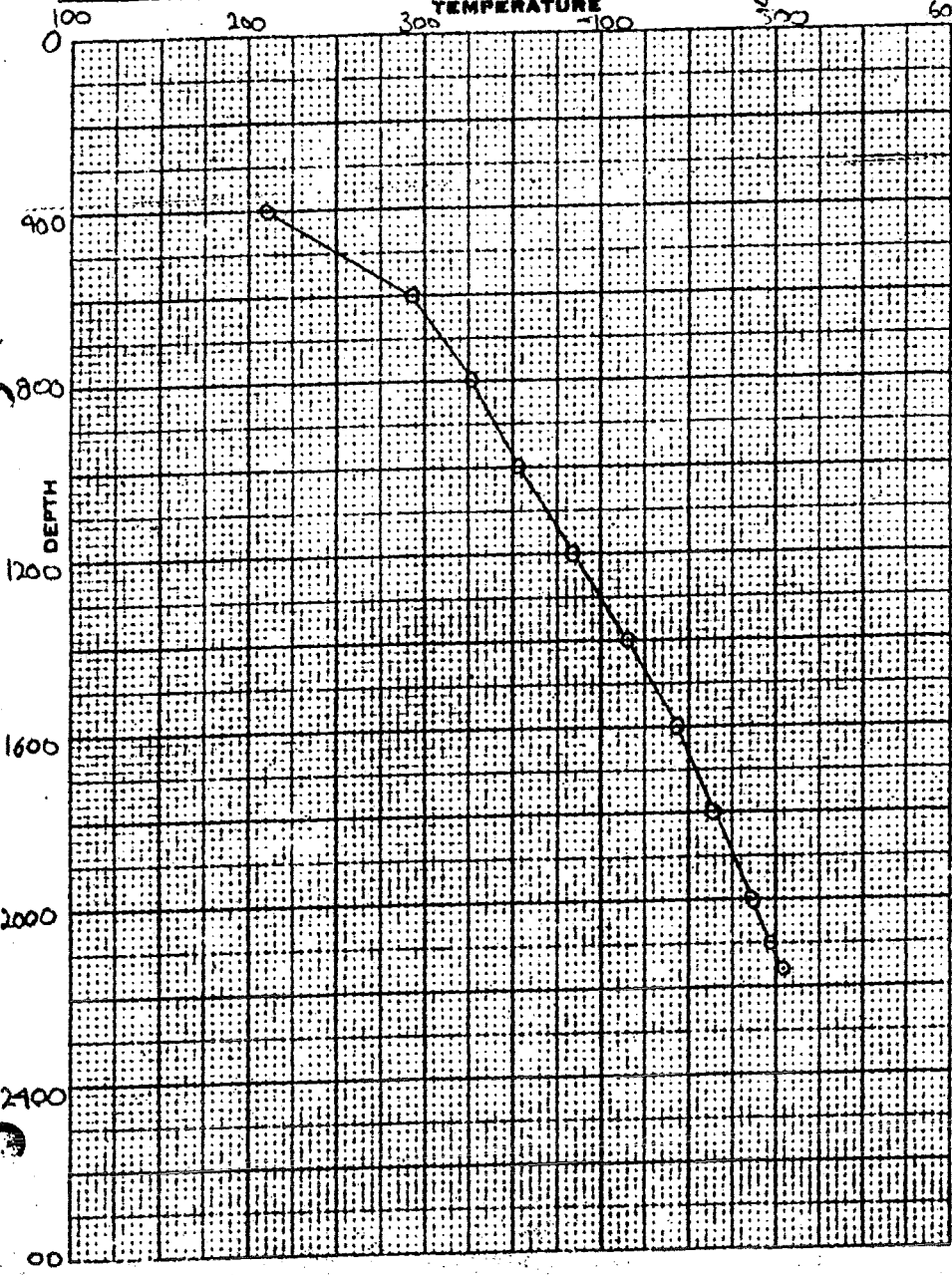
SUBSURFACE TEMPERATURE SURVEY

OWNER Magma - NARCO FIELD Salton Sea WELL NAME Magma
 CASING 9 5/8" surf to 2264' ELEV. DATE 7/21/77
 LINER DESCRIPTION: ZERO POINT +13' R
slotted 1797' - 2267' DEPTH 2267'
 ZONE

TUBING DETAIL: INSTRUMENT
 SERIAL NO

PUMP SHOE GAS ANCHOR INTAKE MAX TEMP 52.9 °F

PURPOSE REMARKS: Shot in after low rate pumping MAX. REC. TEMP



STABILIZATION PERIOD
GROSS OIL RATE B/D
NET OIL RATE B/D
FORMATION GAS MCF/D
GOR CFT/BBL
CIRCULATED GAS MCF/D
OIL DRY GRAVITY °API
PRESSURES OBS
CASING PSIG
TUBING PSIG
DEPTH TEMP. DEPT
400 211
600 293
800 326
1000 352
1100 381
1150 416
1300 442
1500 469
2000 486
2100 497
2165 507

BY: May Vick



AGNEW AND SWIFT
 3914 GILMORE AVENUE
 BAKERSFIELD, CALIFORNIA
 93308

24 HOUR PHON
 AREA COC

SUBSURFACE TEMPERATURE SURVEY

OWNER: Magma Power FIELD: Niland WELL NAME: Na. mamax //

CASING: ELEV.: DATE: October 27, 19

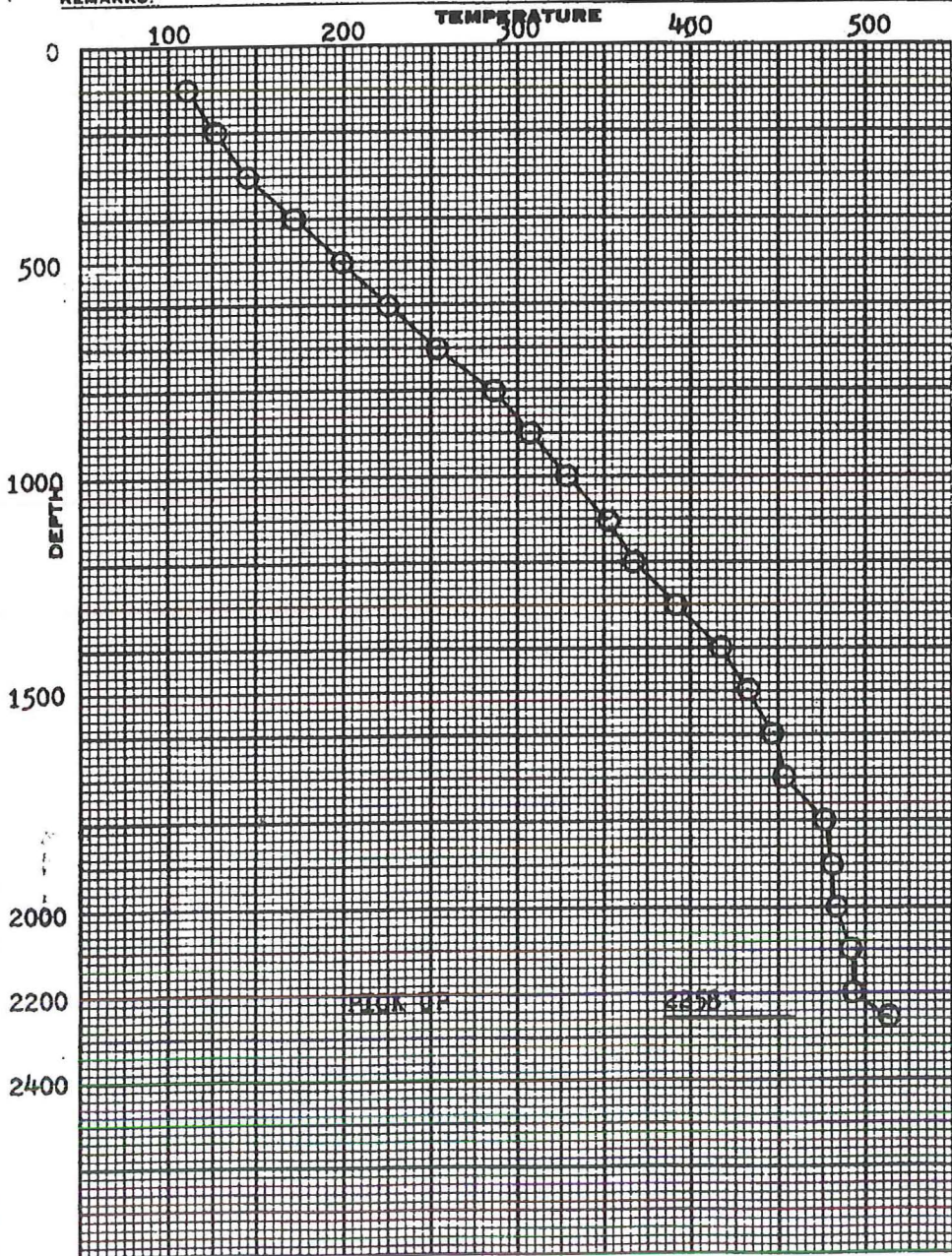
LINER DESCRIPTION: ZERO POINT: at mat

TUBING DETAIL: DEPTH: ZONE:

PUMP SHOE: GAS ANCHOR: INTAKE: INSTRUMENT: 110-590

PURPOSE: Tandem Pressure and Temperature survey SERIAL NO.: 1-0009

REMARKS: MAX. TEMP.: 512.8 °F



STABILIZATION PERIOD

GROSS OIL RATE B/D

NET OIL RATE B/D

FORMATION GAS MCF/D

GOR CFT/BBL

CIRCULATED GAS MCF/D

OIL DRY GRAVITY °API

PRESSURES	OBS
CASING, PSIG	0
TUBING, PSIG	

DEPTH	TEMP.	DEF
0		120
100	110.1	130
200	128.3	140
300	146.7	150
400	173.3	160
500	193.9	170
600	225.5	180
700	253.3	190
800	287.4	200
900	307.1	210
1000	329.8	220
1100	350.7	225

Time on bottom 2

Time off bottom 2

BY: HILDERBRAND DEN

11D-8

~~11D-8~~ °F/Z

23 °C

28°
200'

el	T/P	AT/AZ °F/100 ft
-400'	105	(14)
600'	133	(13)
800'	169	(20)
1000'	209	(23)
1200'	255	(25) (29)
1400'	312	(17)
1600'	346	(17)
1800'	380	(13)
2000'	406	(12)
2200'	430	(13)
2400'	456	(11)
2600'	477	(12)
2800'	500	(11)
3000'	524	(11)
3200'	544	(11)
3400'	565	(3)
3600'	571	(-1)
3800'	569	(-2)
4000'	565	(0)
4200'	565	(-1)
4400'	563	(-3)
4600'	558	(-1)
4800'	557	(-1)
5000'	556	(0)
5200'	556	(0)
5400'	556	(0)
5600'	556	(0)
5800'	556	(0)

M-2

el	T/P	AT/AZ
-400'	100	(23)
600'	146	(22)
800'	189	(26)
1000'	240	(23)
1200'	285	(24)
1400'	332	(21)
1600'	376	(16)
1800'	409	(16)
2000'	440	(15)
2200'	470	(15)
2400'	500	(10)
2600'	520	(10)
2800'	540	(10)
3000'	560	(10)
3200'	580	(10)
3400'	589	(5)
3600'	600	(6)
3800'	609	(5)
4000'	619	(5)
4200'	616	(-2)
4400'	609	(-4)
4600'	605	(-2)

M9 OH

el	T/P	
-400'	110	(34)
-600'	178	(31)
-800'	240	(30)
-1000'	300	(35)
-1200'	370	(21)
-1400'	412	(20)
-1600'	452	(14)
-1800'	480	(7)
-2000'	493	(9)
-2200'	510	(5)
-2400'	520	(12) (8) (A)
-2600'	535	(4)
-2800'	543	(7)
-3000'	550	(7)
-3200'	564	(7)
-3400'	577	(6)
-3600'	588	(6)

M11

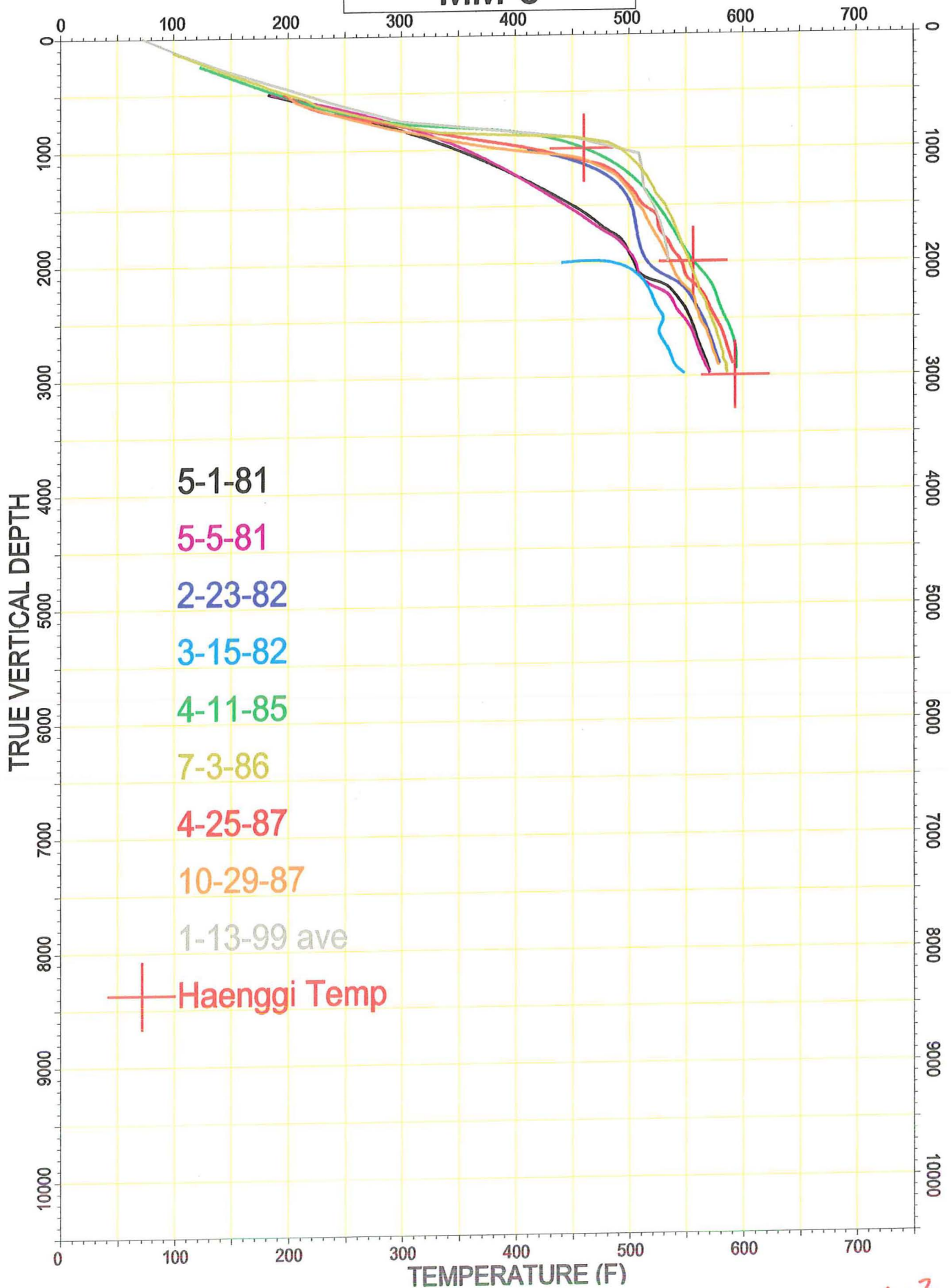
<u>el</u>	<u>IF</u>	<u>ΔT/ΔZ</u>
-400	100	15
-600	161	31
-800	225	32
-1000	296	36
-1200	360	32
-1400	410	25
-1600	450	20
-1800	477	14
-2000	508	16
-2200	529	11
-2400	553	12
-2600	562	5
-2800	572 570	4
-3000	575	3
-3200	578	2
-3400	589	①
-3600	580	①

DRA

-400	200	④
-600	279	②③
-800	325	②③
-1000	383	②③
-1200	429	②③
-1400	440	⑥
-1600	454	⑦
-1800	463	⑤
-2000	474	⑤
-2200	480	③
-2400	489	⑤
-2600	498	⑤
-2800	505	④
-3000	511	③
-3200	522	⑥
-3400	536	⑦
-3600	545	⑤
-3800	548	②
-4000	545	②
-4200	545	②
-4400	548	②
-4600	553	②
-4800	555	①
-5000	555	①
-5200	556	①

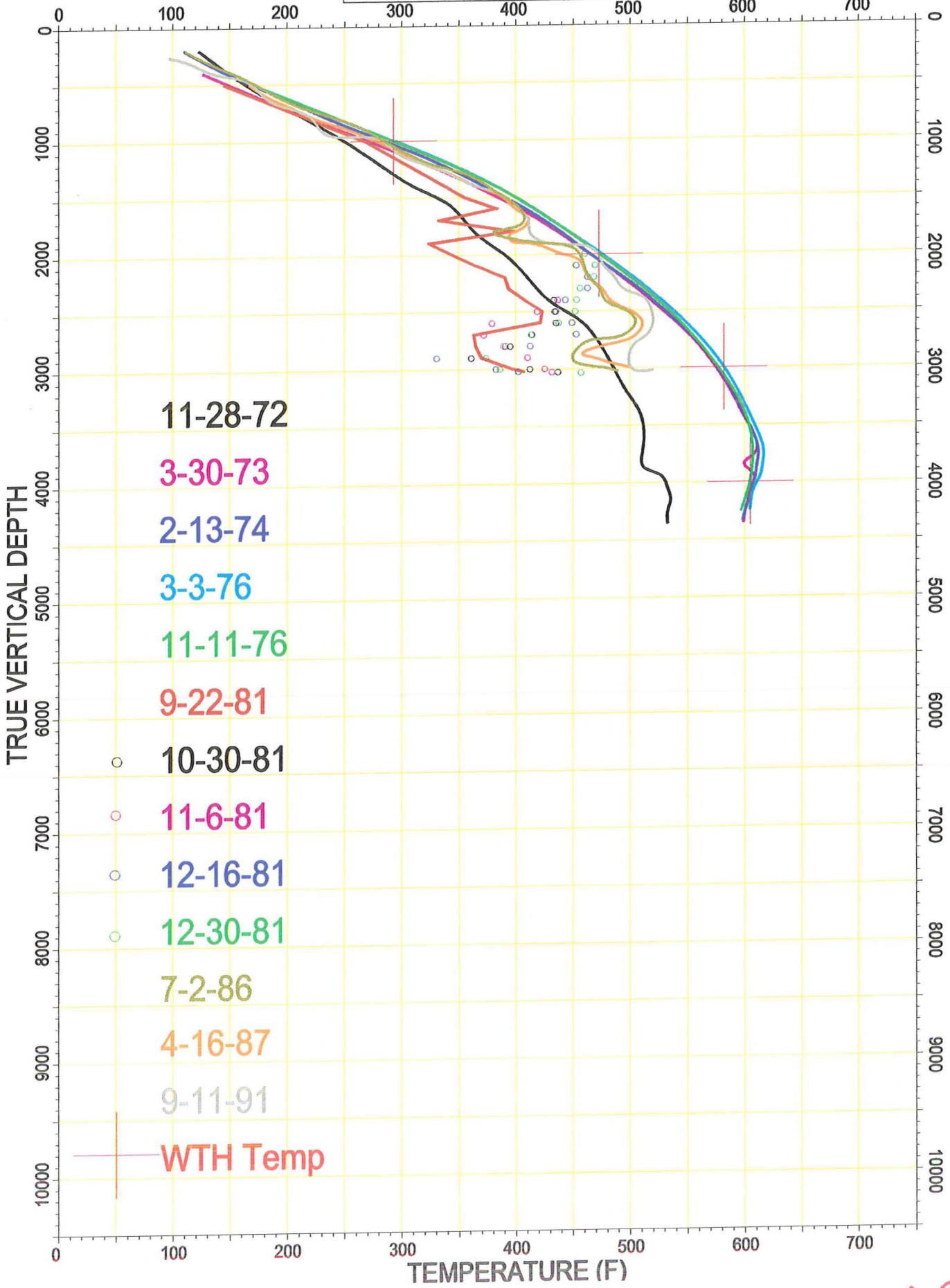
①
proj

MM-8



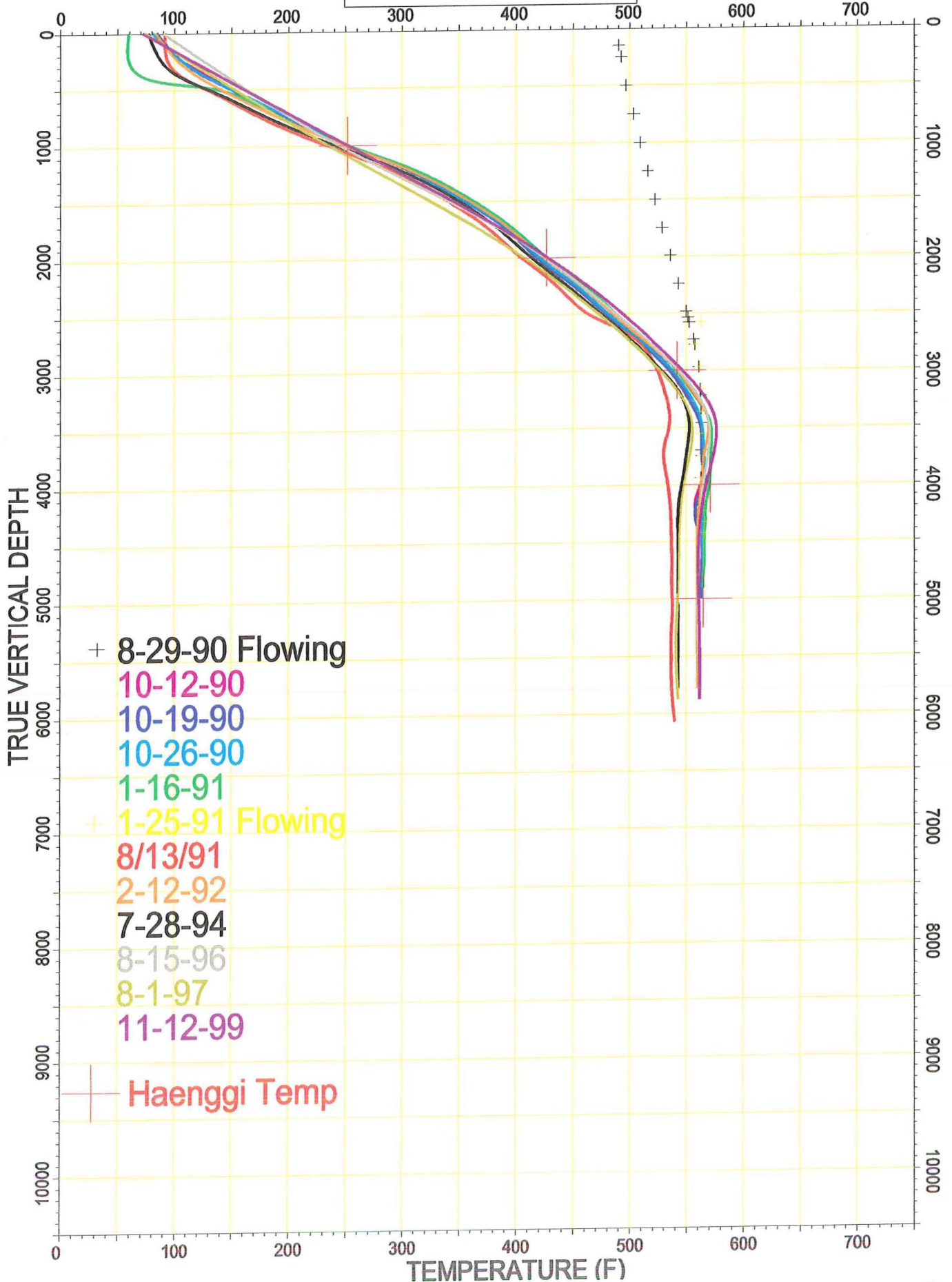
A-3

MM-2



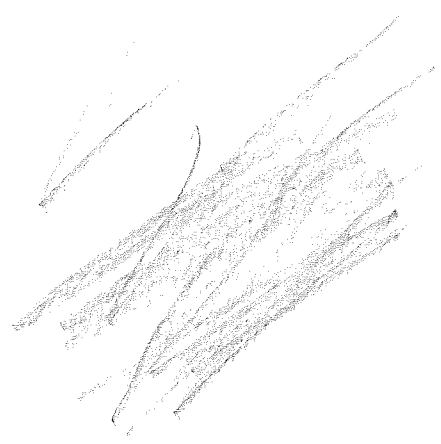
A-2

IID-8

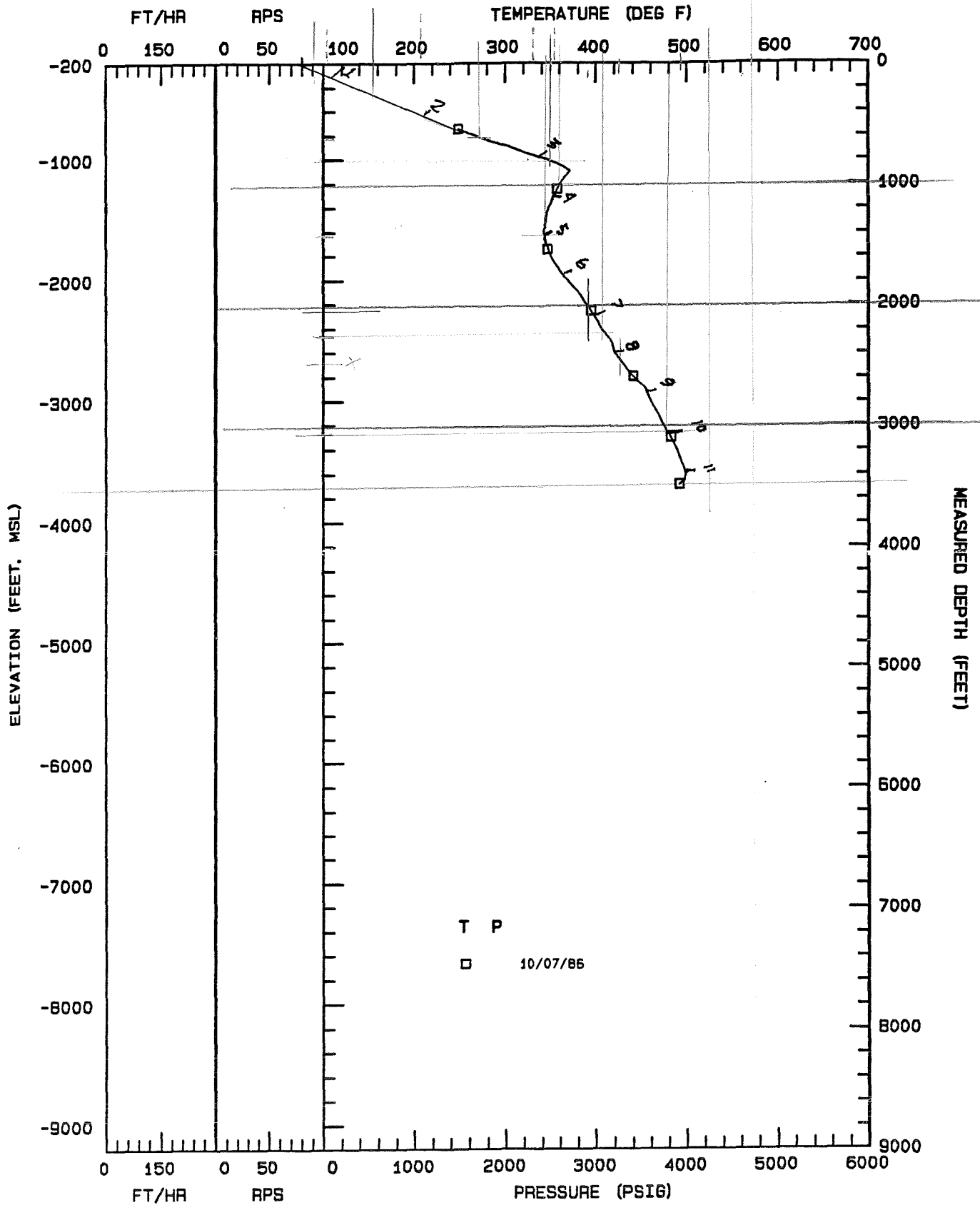


11D-30

<u>Depth (m)</u>	<u>T (°F)</u>	<u>T (°C)</u>	<u>$\frac{\Delta T}{\Delta Z}$ (°C/km)</u>
0		23	
100	131	55	320
200	221	105	500
300	419	215	1100
400	501	261	460
500	513	267	60
600	531	277	100
700	542	283	60
800	542	283	0
900	542	283	0
1000	540	282	-10
1100	540	282	0



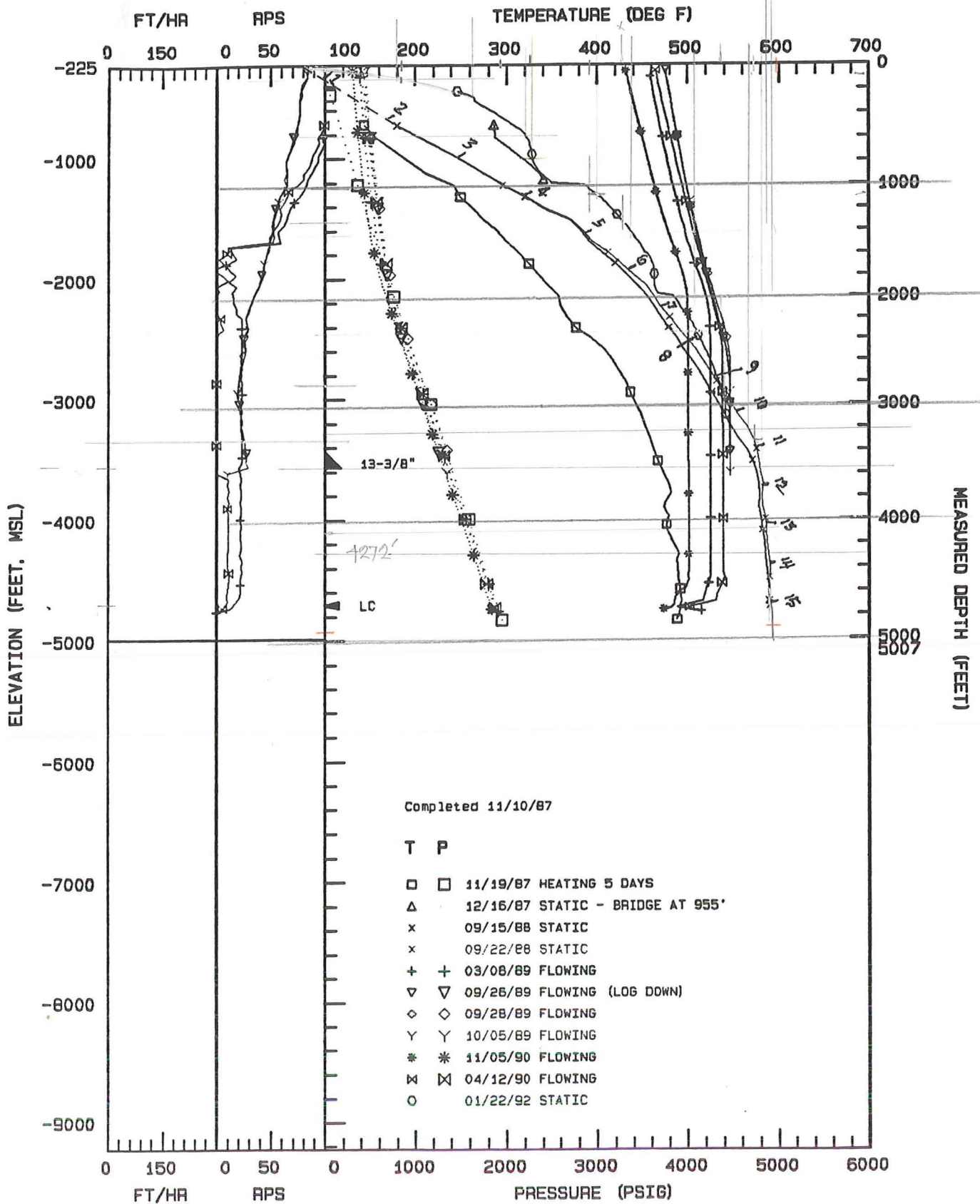
BARETTA 1 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

11-22-1994 A: BAR1T1.PLT

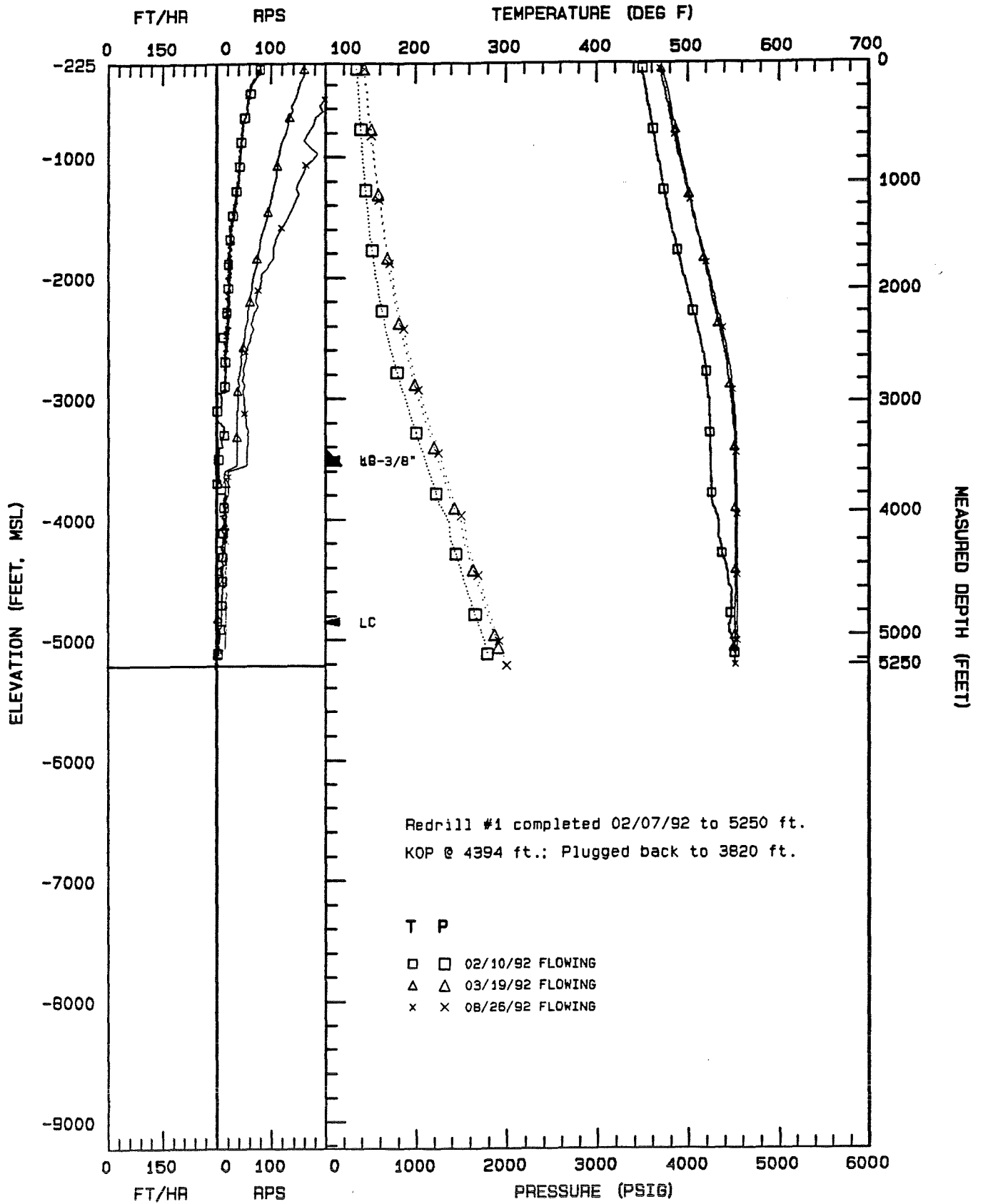
DEL RANCH 1 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

11-22-1994 A: T111987.PLT

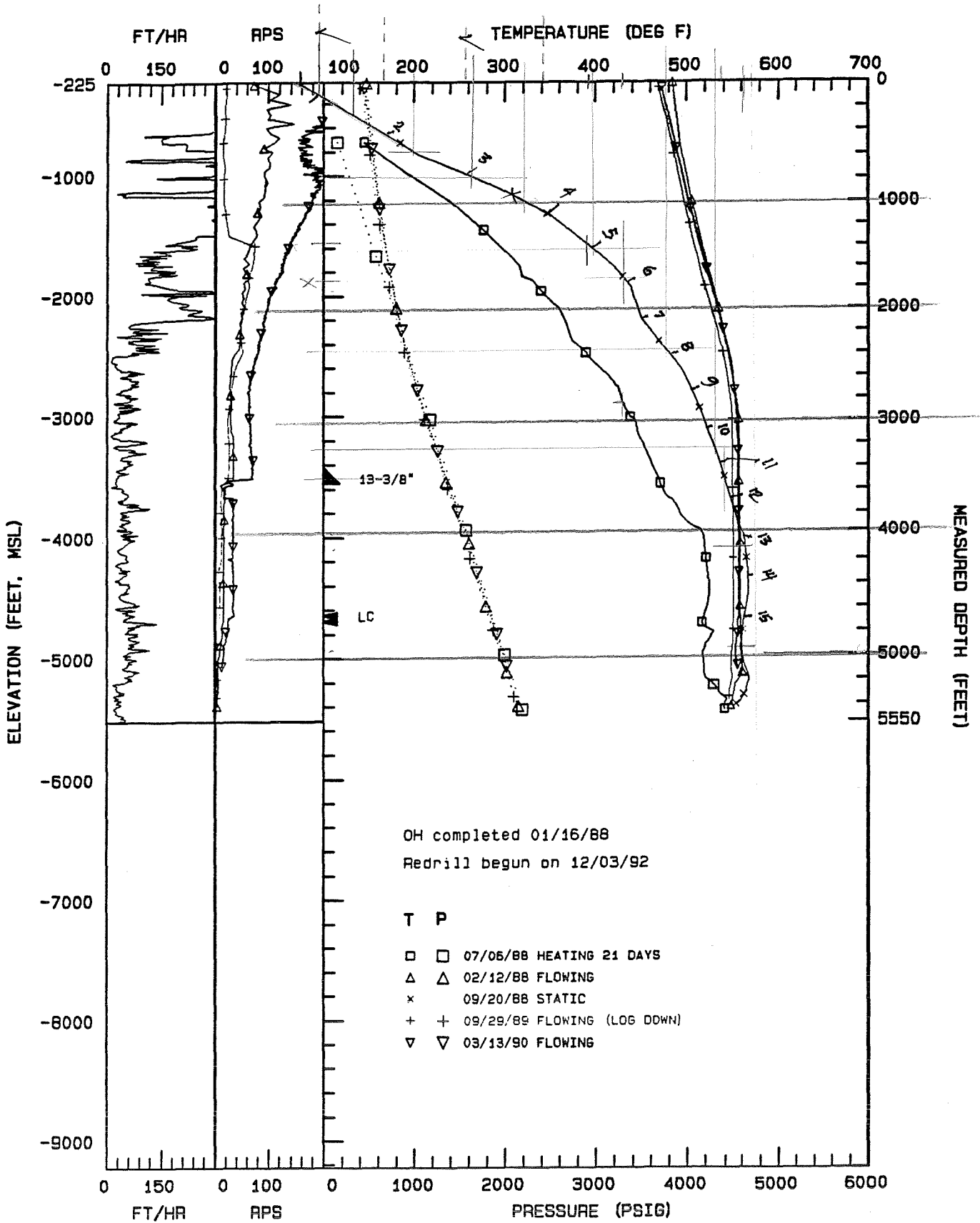
DEL RANCH 2 RD#1 - DOWNHOLE SUMMARY PLOT



Redrill #1 completed 02/07/92 to 5250 ft.
 KOP @ 4394 ft.: Plugged back to 3820 ft.

T P
 □ □ 02/10/92 FLOWING
 △ △ 03/19/92 FLOWING
 × × 08/26/92 FLOWING

DEL RANCH 2 OH - DOWNHOLE SUMMARY PLOT

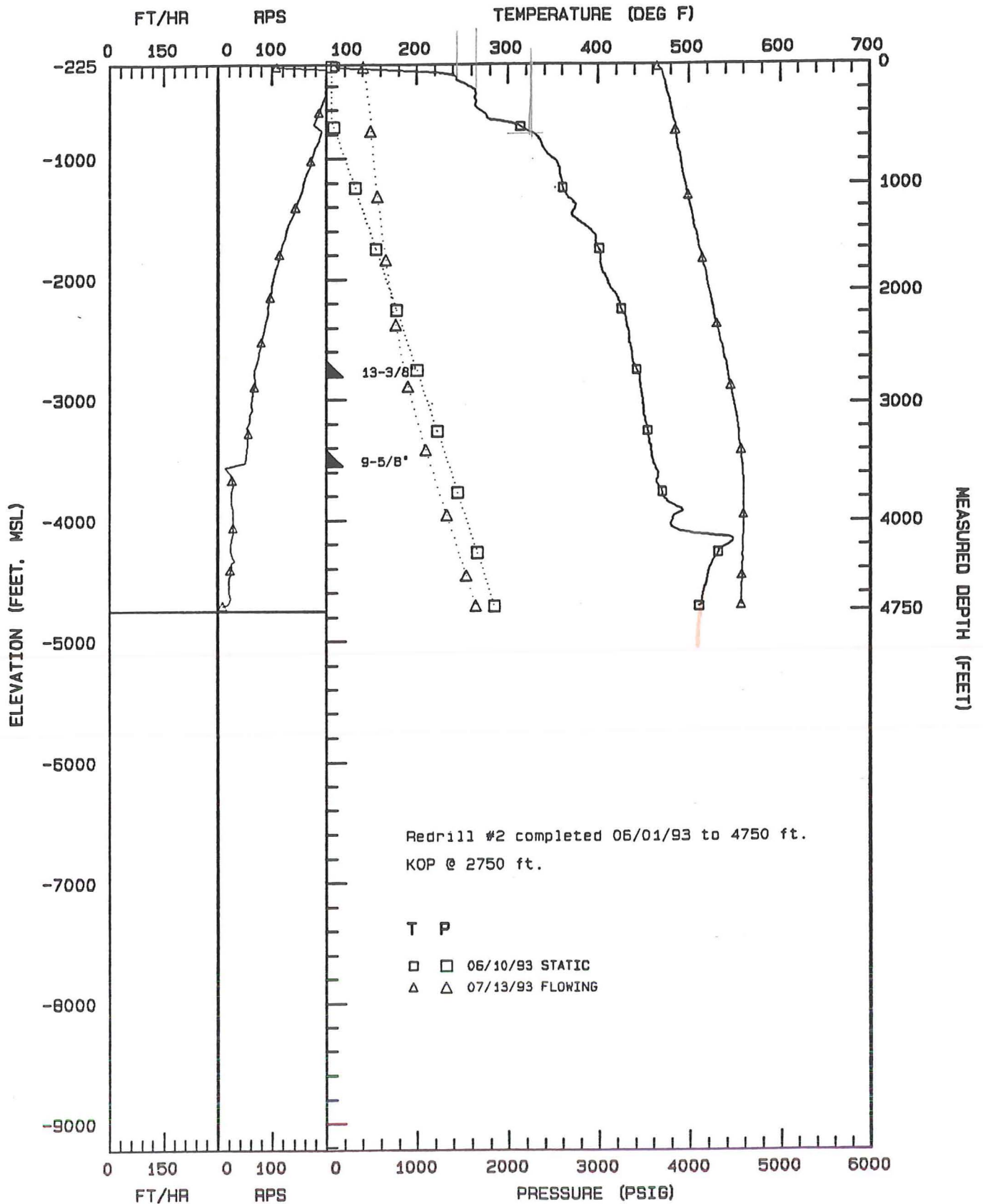


OH completed 01/16/88
 Redrill begun on 12/03/92

- | T | P | |
|---|---|-----------------------------|
| □ | □ | 07/06/88 HEATING 21 DAYS |
| △ | △ | 02/12/88 FLOWING |
| x | | 09/20/88 STATIC |
| + | + | 09/29/89 FLOWING (LOG DOWN) |
| ▽ | ▽ | 03/13/90 FLOWING |

GeothermEX, Inc.

DEL RANCH 2 RD#2 - DOWNHOLE SUMMARY PLOT

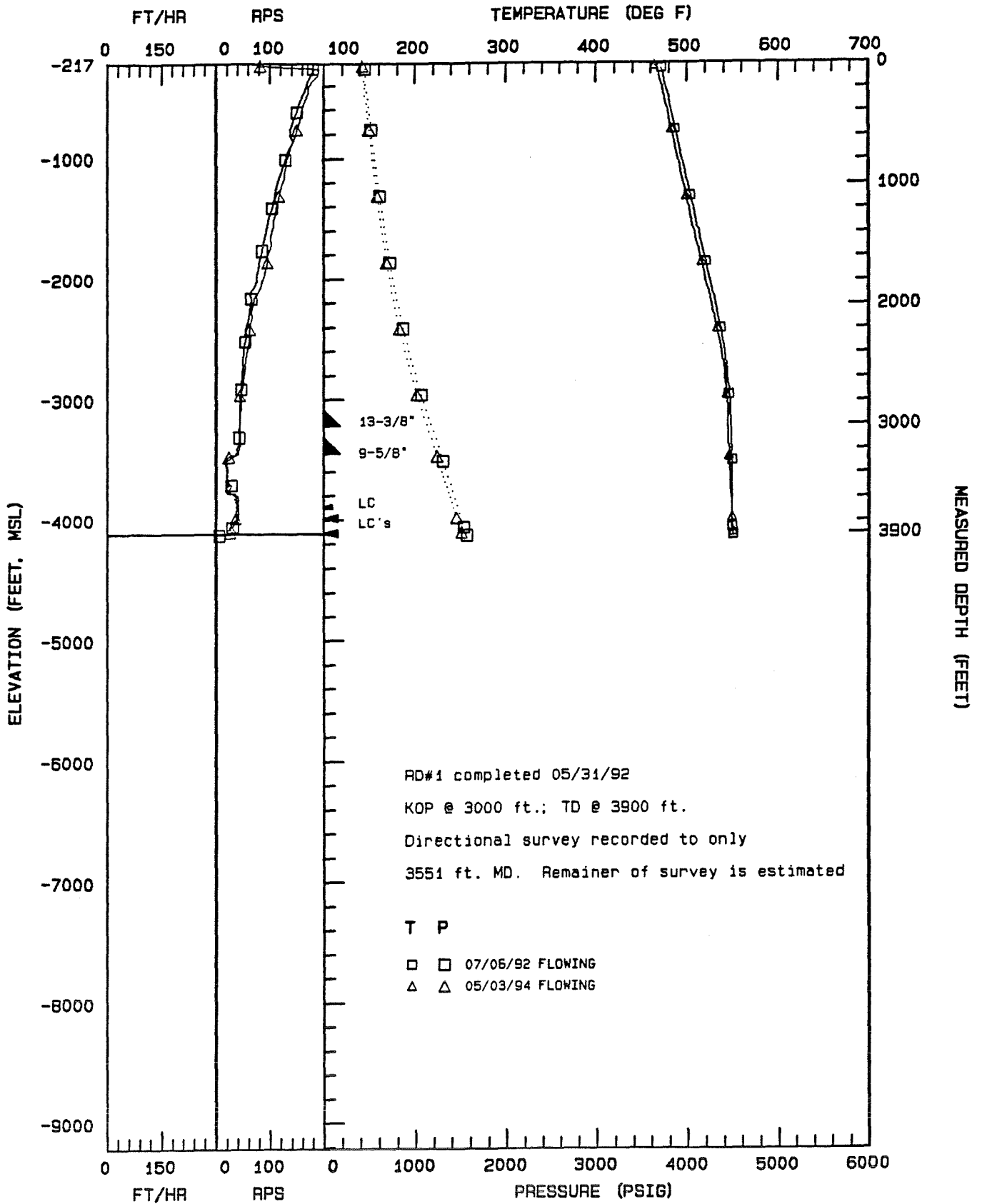


Redrill #2 completed 06/01/93 to 4750 ft.
KOP @ 2750 ft.

T P

□ □ 06/10/93 STATIC
△ △ 07/13/93 FLOWING

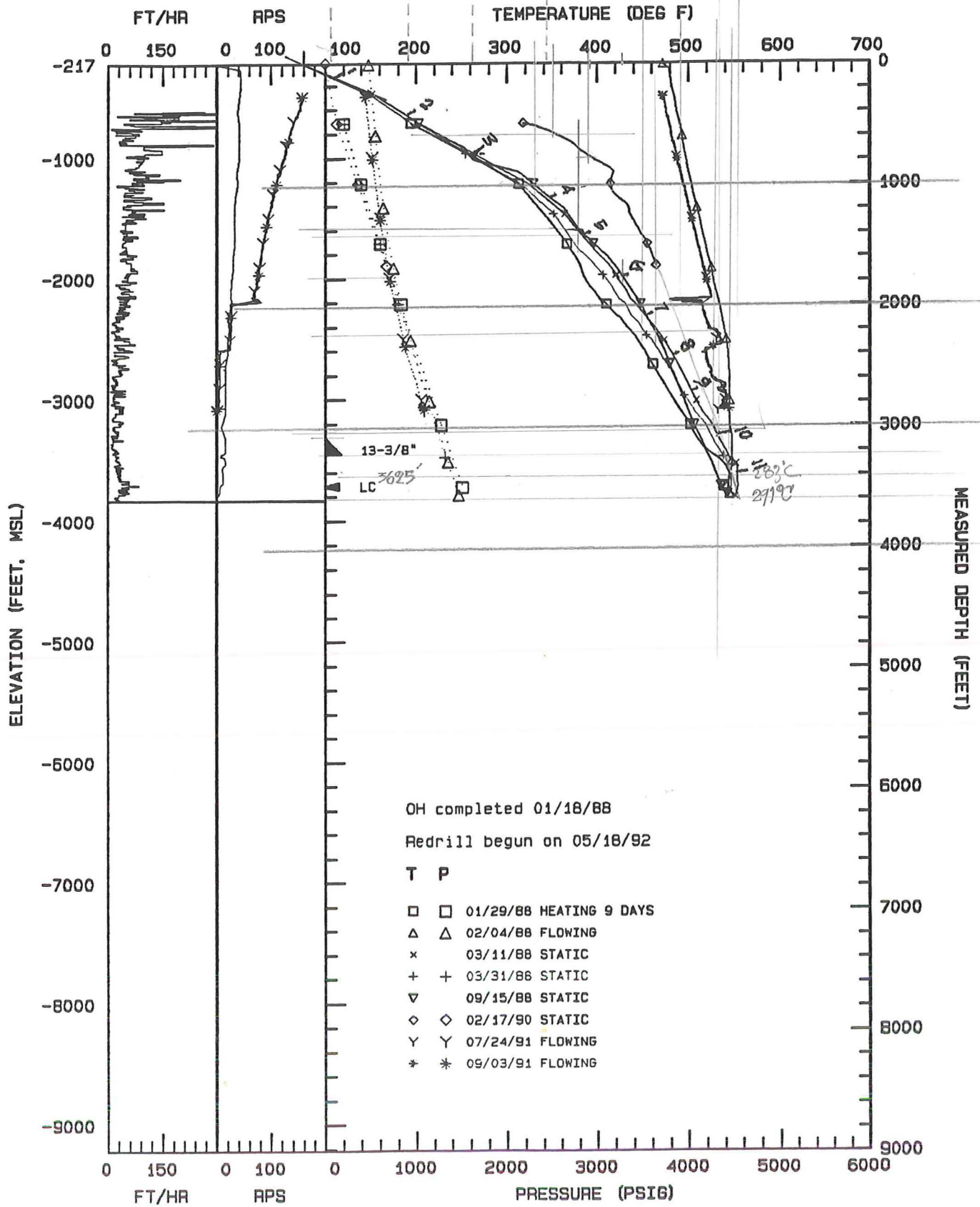
DEL RANCH 3 RD#1 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

12-21-1994 A: D3070892.FLT

DEL RANCH 3 OH - DOWNHOLE SUMMARY PLOT



OH completed 01/18/88

Redrill begun on 05/18/92

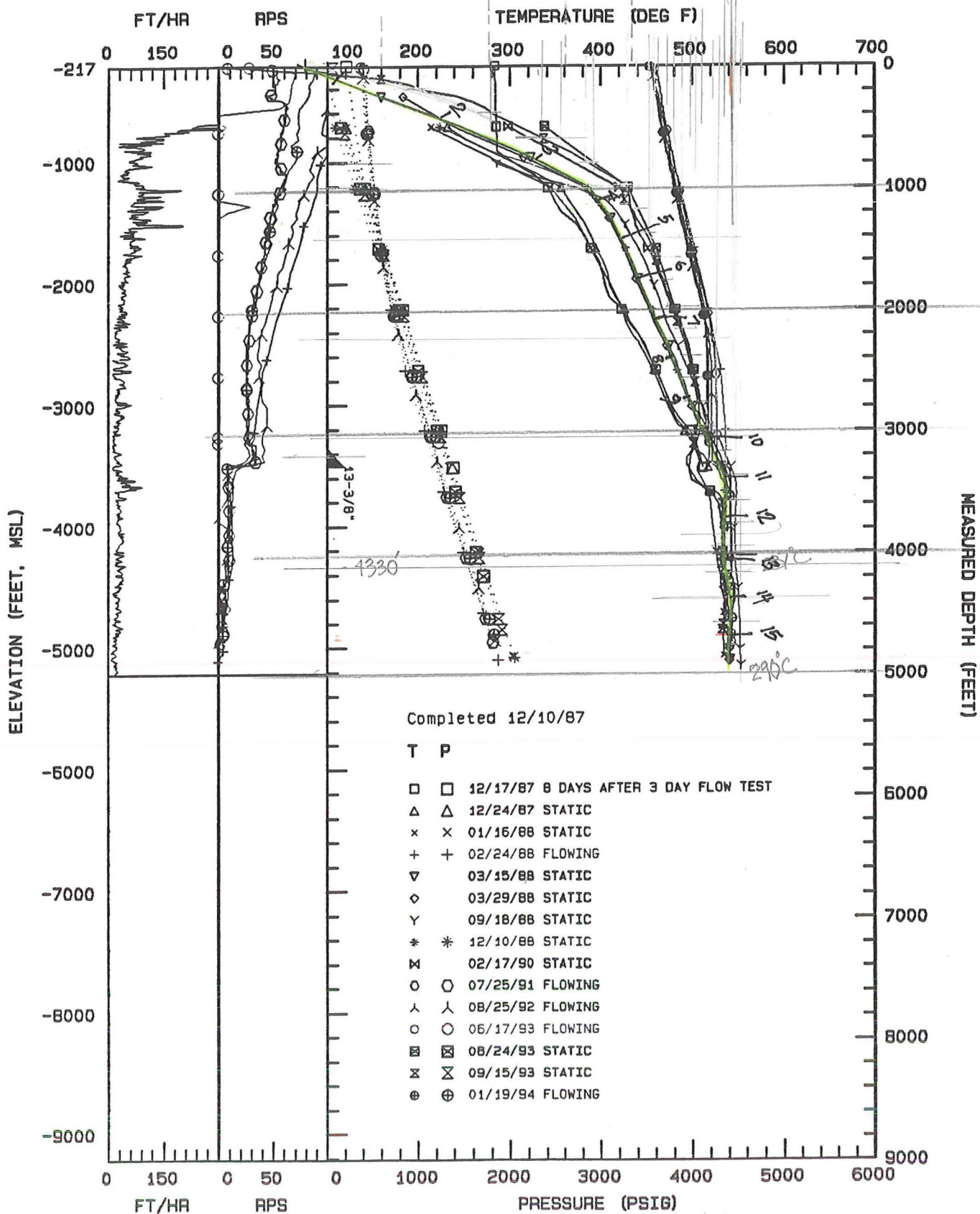
T P

- □ 01/29/88 HEATING 9 DAYS
- △ △ 02/04/88 FLOWING
- x x 03/11/88 STATIC
- + + 03/31/88 STATIC
- ▽ ▽ 09/15/88 STATIC
- ◇ ◇ 02/17/90 STATIC
- Y Y 07/24/91 FLOWING
- * * 09/03/91 FLOWING

GeothermEx, Inc.

12-21-1994 A: T012988.PLT

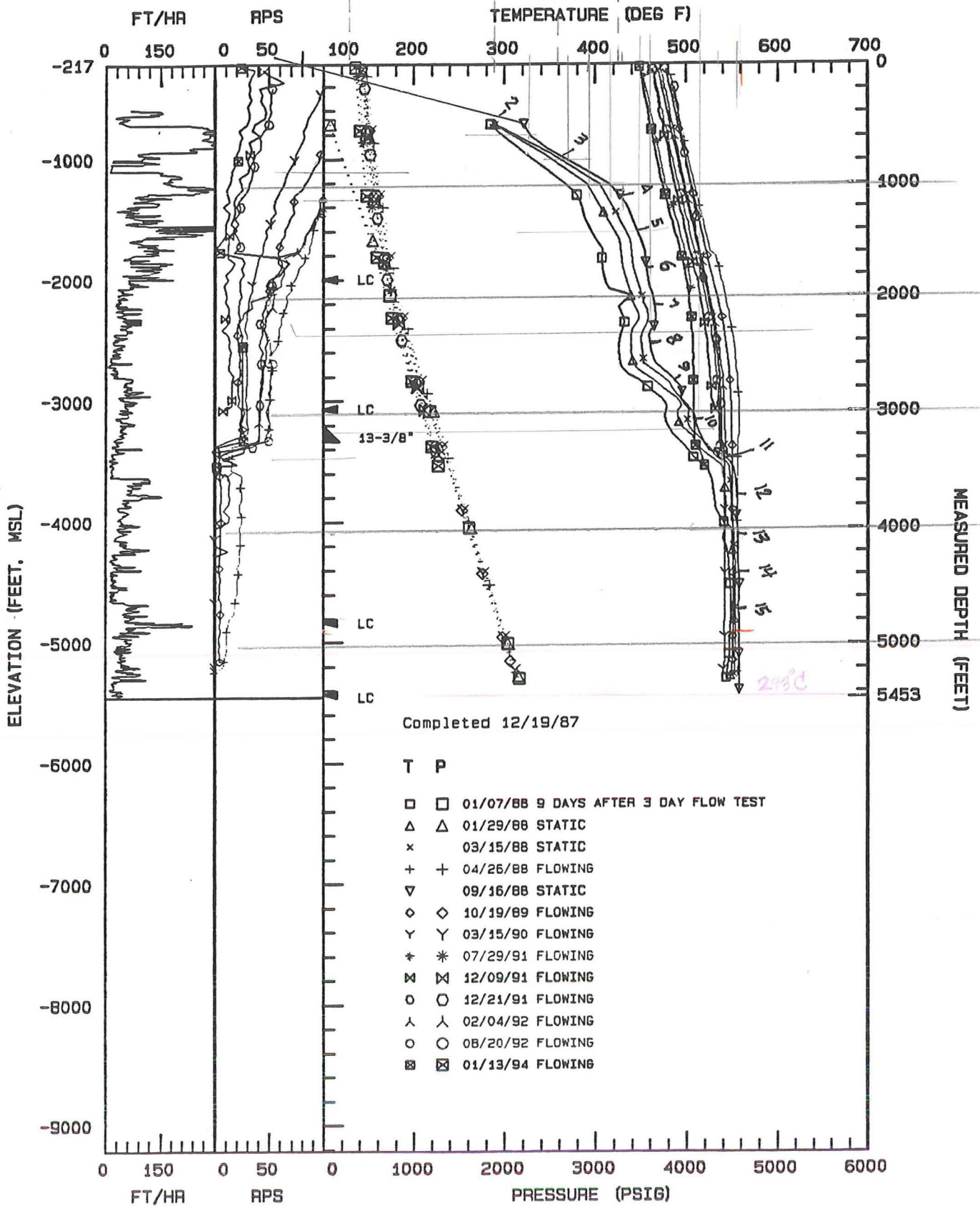
DEL RANCH 4 - DOWNHOLE SUMMARY PLOT



GeothermEX, Inc.

11-23-1994 A: T121787.PLT

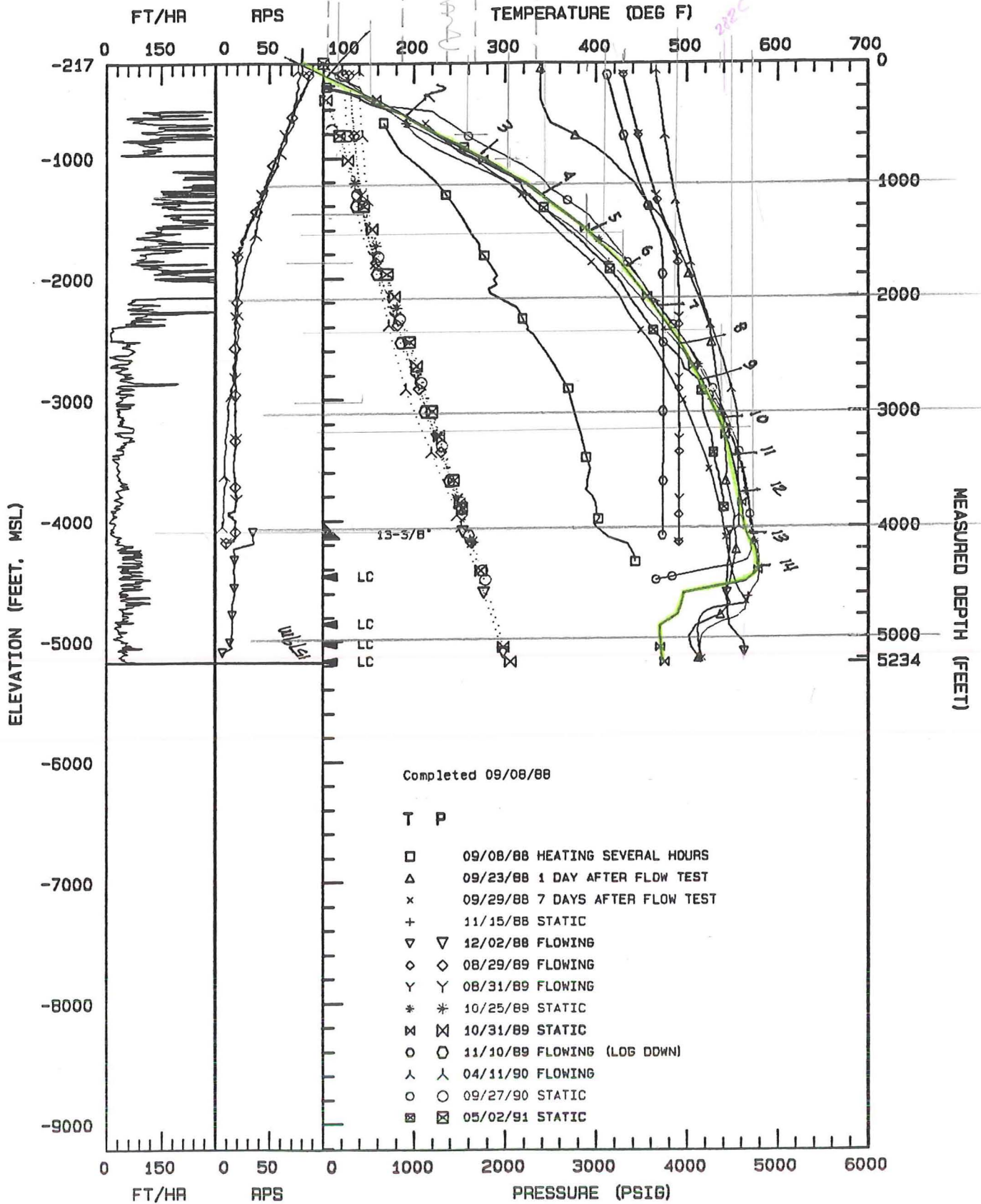
DEL RANCH 6 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

11-23-1994 A: T010788.PLT

DEL RANCH 7 - DOWNHOLE SUMMARY PLOT



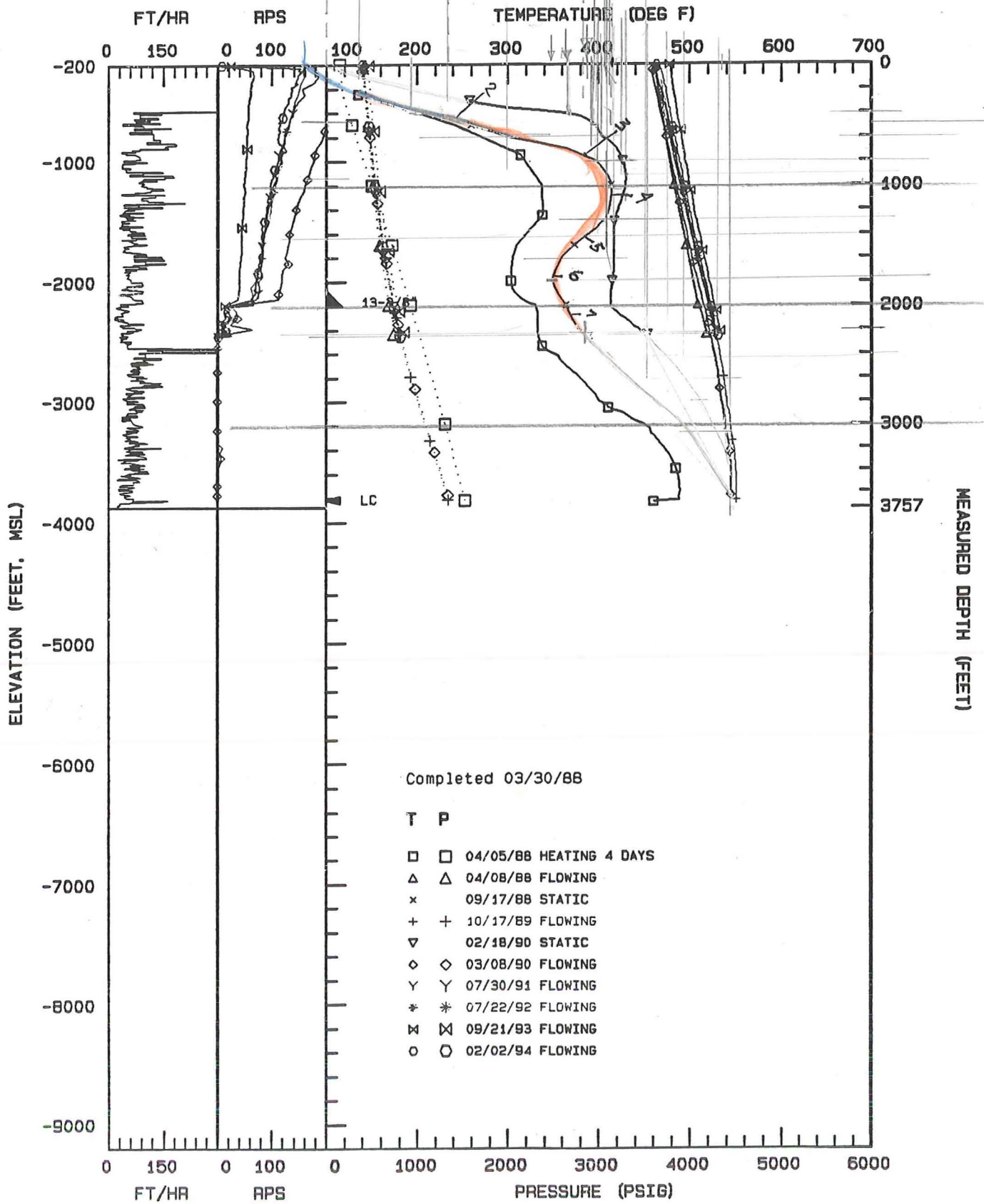
Completed 09/08/88

T P

GeothermEx, Inc.

12-01-1994 A: T090888.PLT

DEL RANCH 8 RD1 - DOWNHOLE SUMMARY PLOT

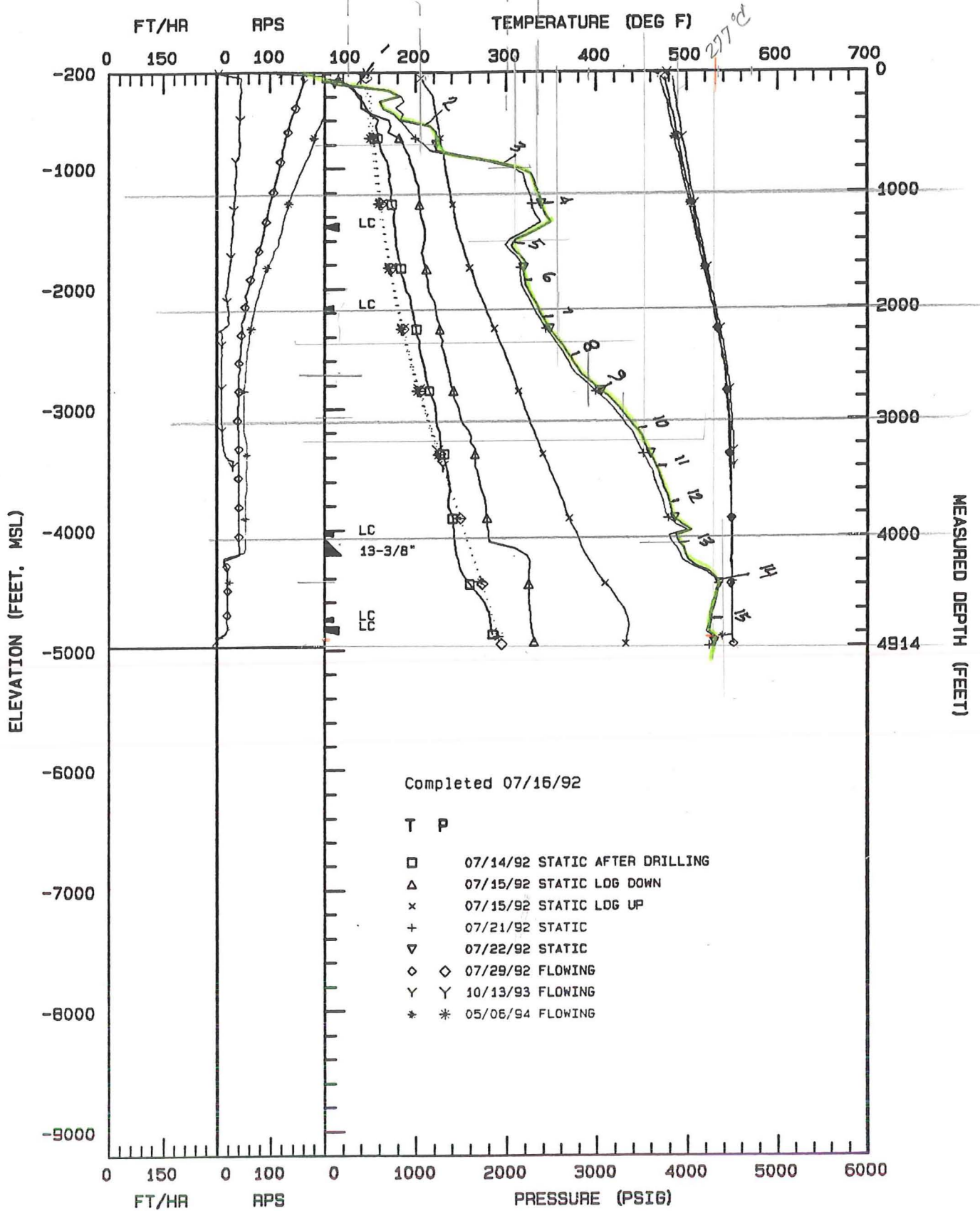


Completed 03/30/88

GeothermEx, Inc.

12-01-1994 A: T040588.PLT

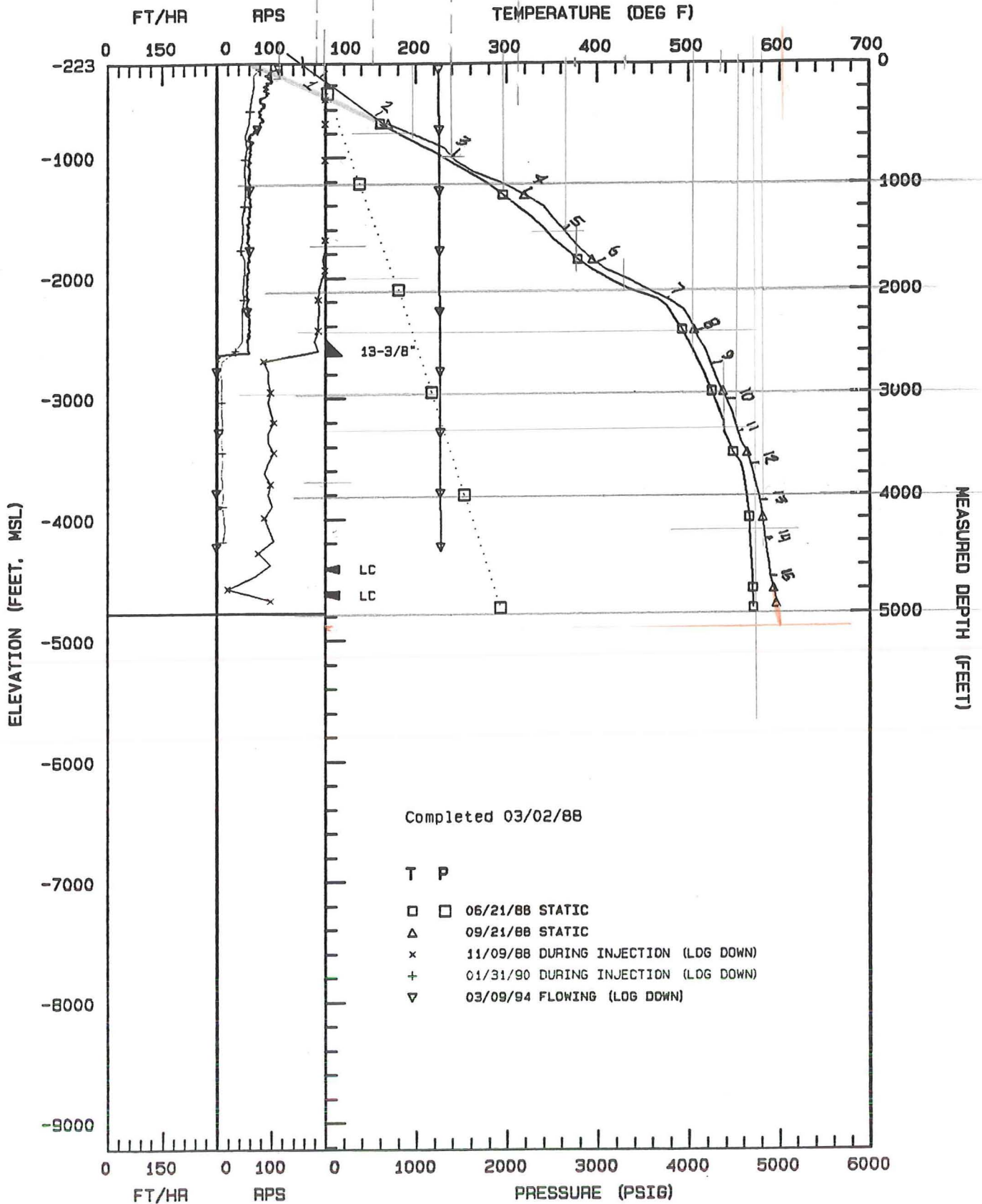
DEL RANCH 9 - DOWNHOLE SUMMARY PLOT



Completed 07/16/92

- | T | P | |
|---|---|--------------------------------|
| □ | | 07/14/92 STATIC AFTER DRILLING |
| △ | | 07/15/92 STATIC LOG DOWN |
| × | | 07/15/92 STATIC LOG UP |
| + | | 07/21/92 STATIC |
| ▽ | | 07/22/92 STATIC |
| ◇ | ◇ | 07/29/92 FLOWING |
| Y | Y | 10/13/93 FLOWING |
| * | * | 05/06/94 FLOWING |

DEL RANCH IW 1 - DOWNHOLE SUMMARY PLOT



Completed 03/02/88

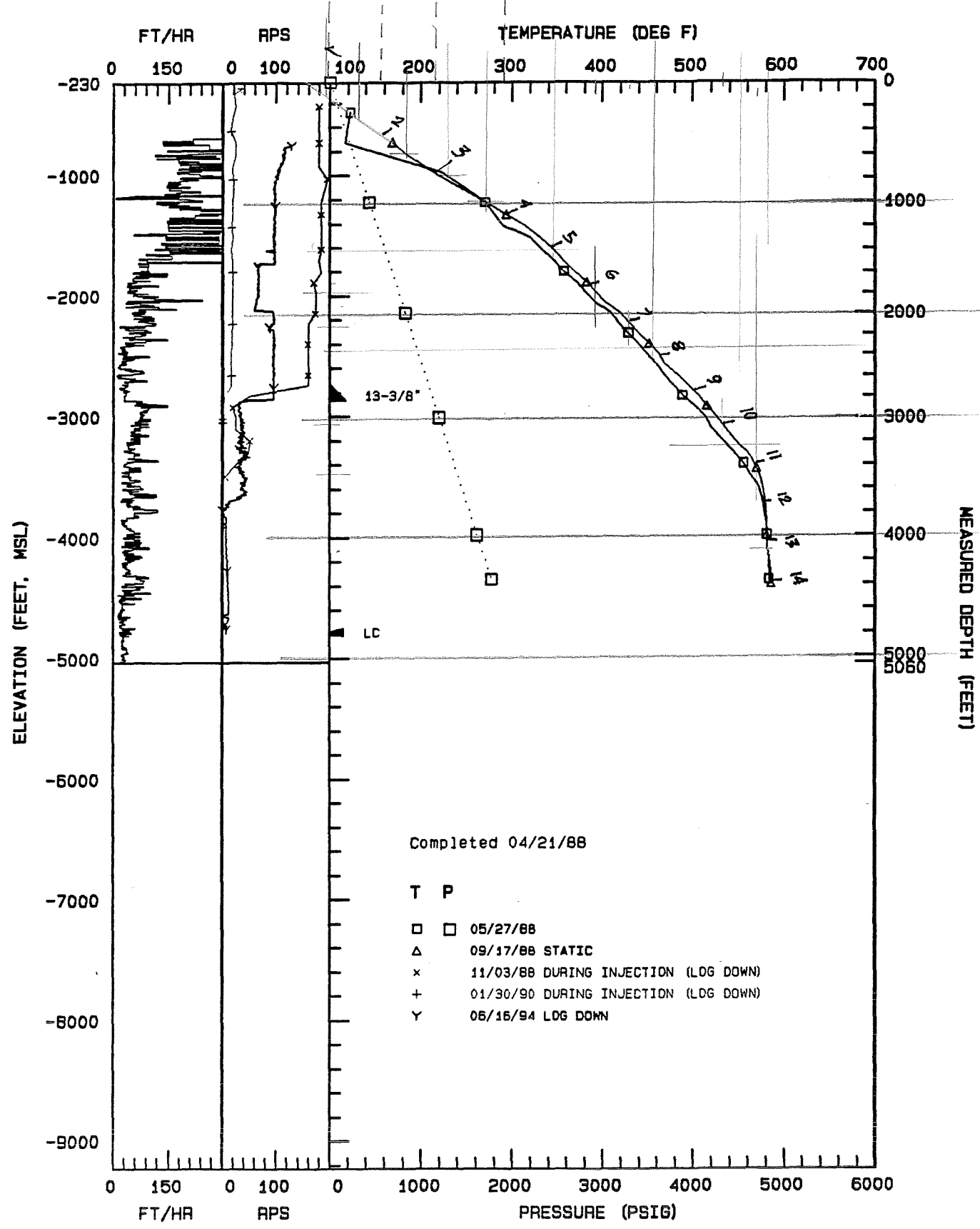
T P

- 06/21/88 STATIC
- △ 09/21/88 STATIC
- x 11/09/88 DURING INJECTION (LOG DOWN)
- + 01/31/90 DURING INJECTION (LOG DOWN)
- ▽ 03/09/94 FLOWING (LOG DOWN)

GeothermEx, Inc.

12-01-1994 A: T062189.PLT

DEL RANCH IW 2 - DOWNHOLE SUMMARY PLOT

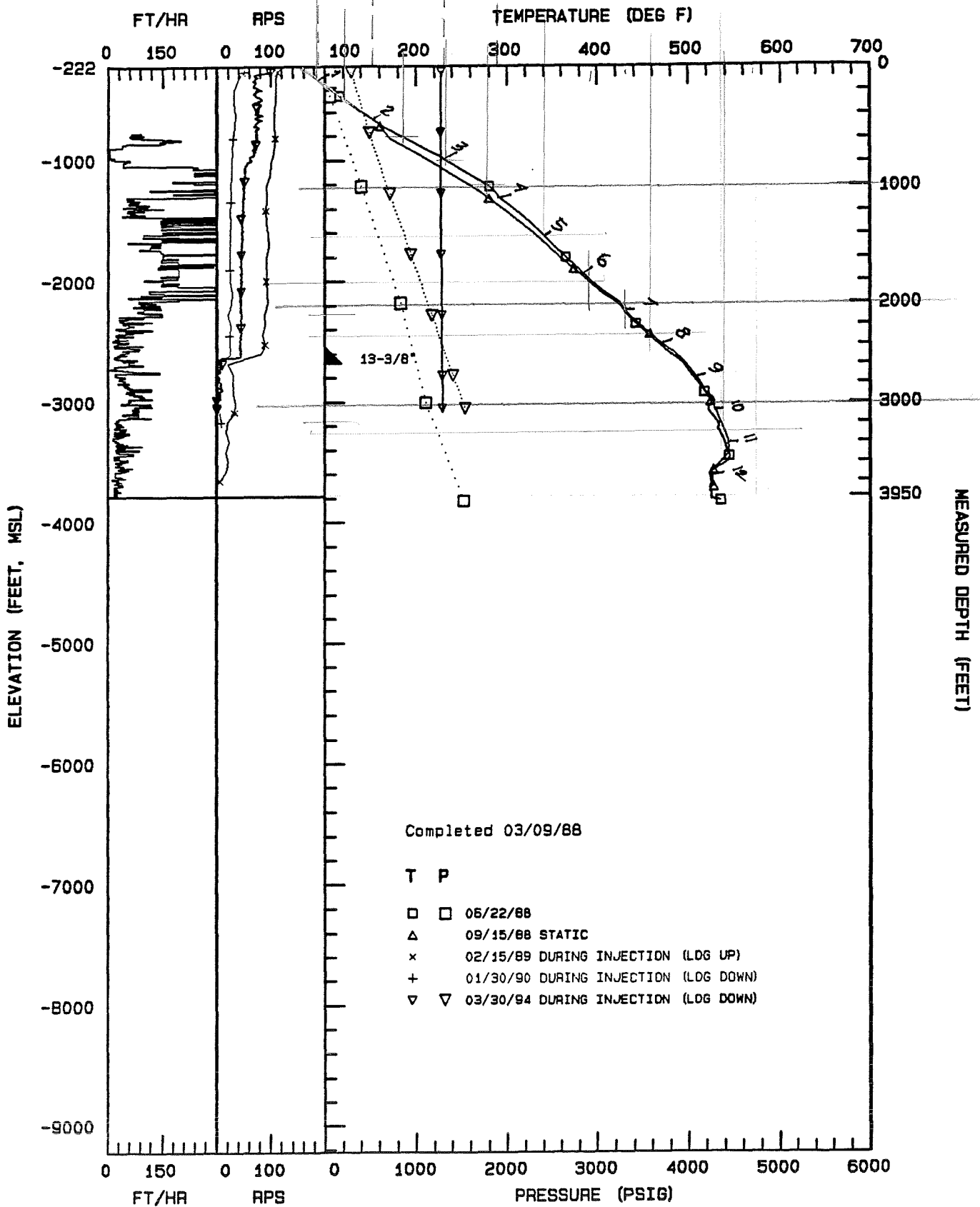


Completed 04/21/88

- T P
- □ 05/27/88
 - △ 09/17/88 STATIC
 - x 11/03/88 DURING INJECTION (LOG DOWN)
 - + 01/30/90 DURING INJECTION (LOG DOWN)
 - Y 06/16/94 LOG DOWN

GeothermEx, Inc.

DEL RANCH IW 3 - DOWNHOLE SUMMARY PLOT



Completed 03/09/88

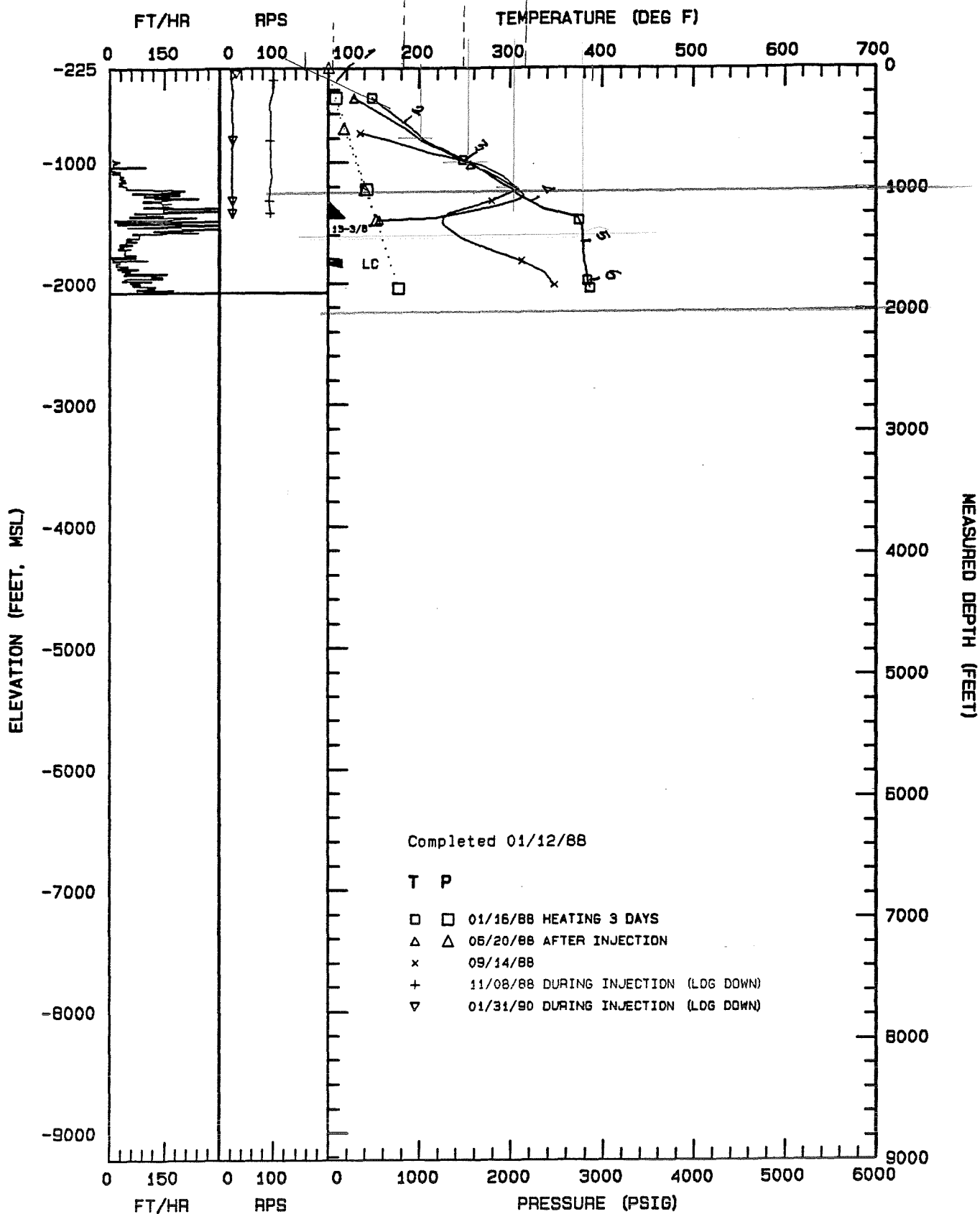
T P

- 05/22/88
- △ 09/15/88 STATIC
- × 02/15/89 DURING INJECTION (LOG UP)
- + 01/30/90 DURING INJECTION (LOG DOWN)
- ▽ 03/30/94 DURING INJECTION (LOG DOWN)

GeothermEx, Inc.

12-01-1994 A: T062288.PLT

DEL RANCH IW 4 - DOWNHOLE SUMMARY PLOT



Completed 01/12/88

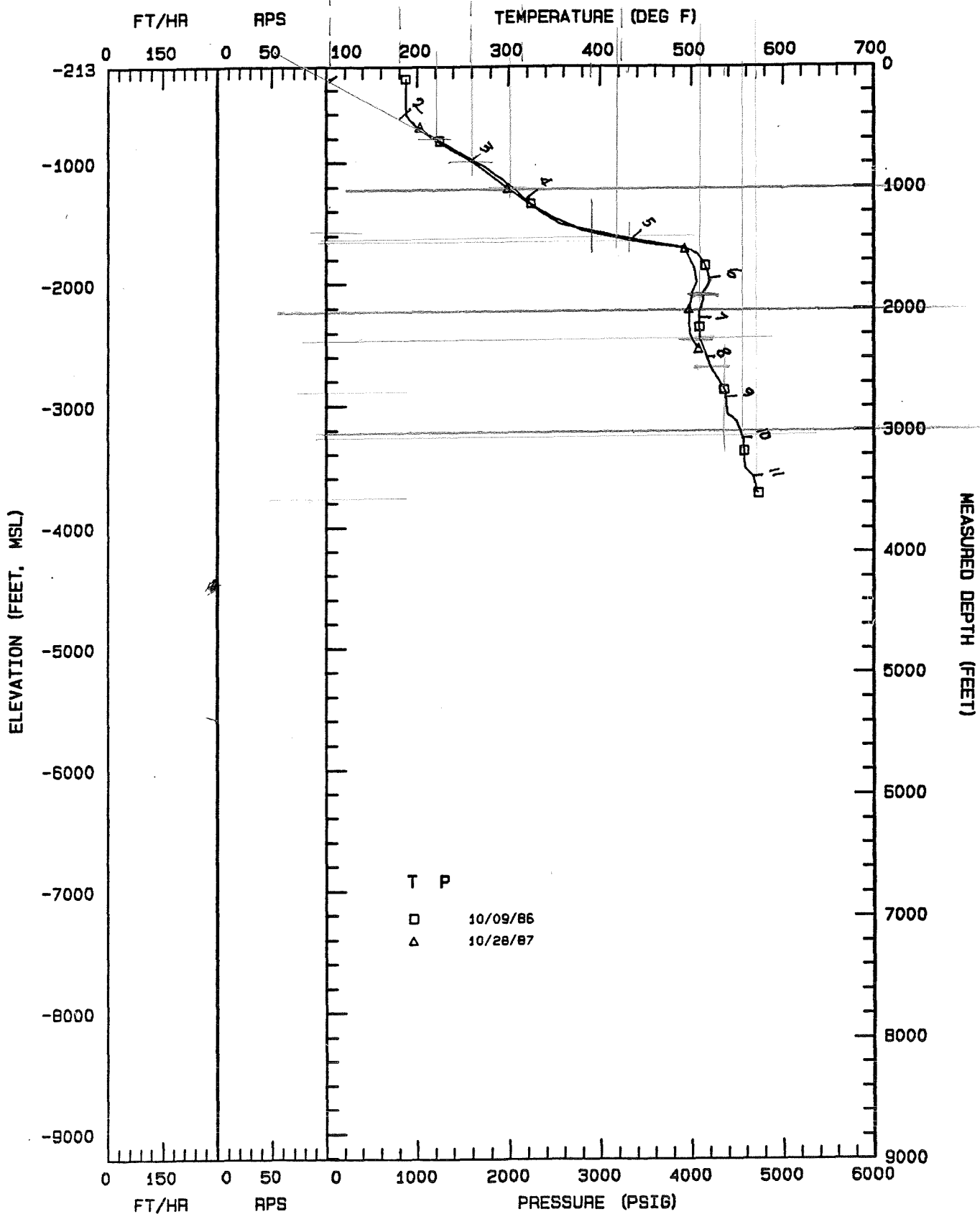
T P

- □ 01/16/88 HEATING 3 DAYS
- △ △ 05/20/88 AFTER INJECTION
- x 09/14/88
- + 11/08/88 DURING INJECTION (LOG DOWN)
- ▽ 01/31/90 DURING INJECTION (LOG DOWN)

GeothermEX, Inc.

12-01-1994 A: T011888.PLT

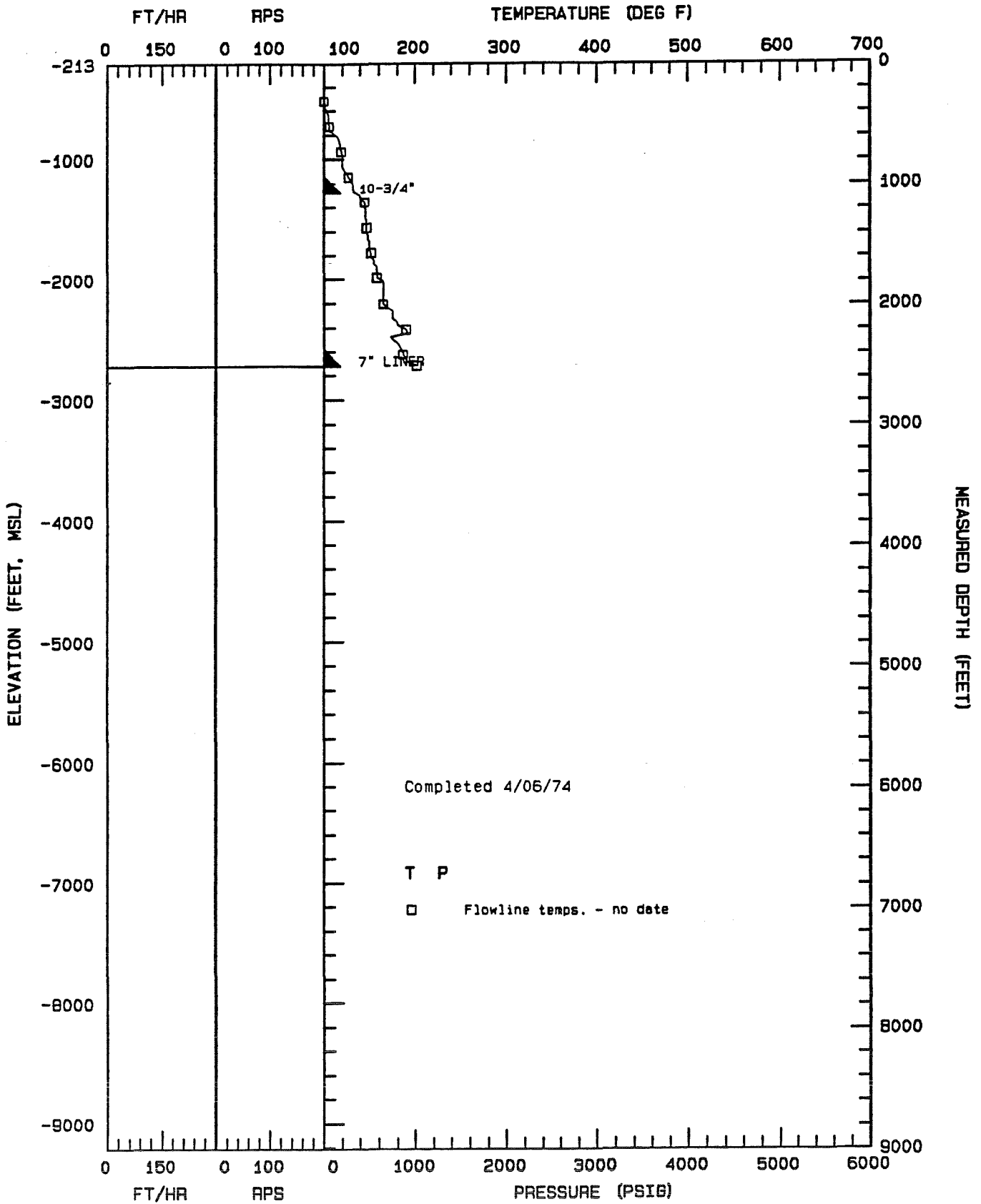
ELMORE 2 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

12-07-1994 A: EL2T1.PLT

ELMORE 3 - DOWNHOLE SUMMARY PLOT

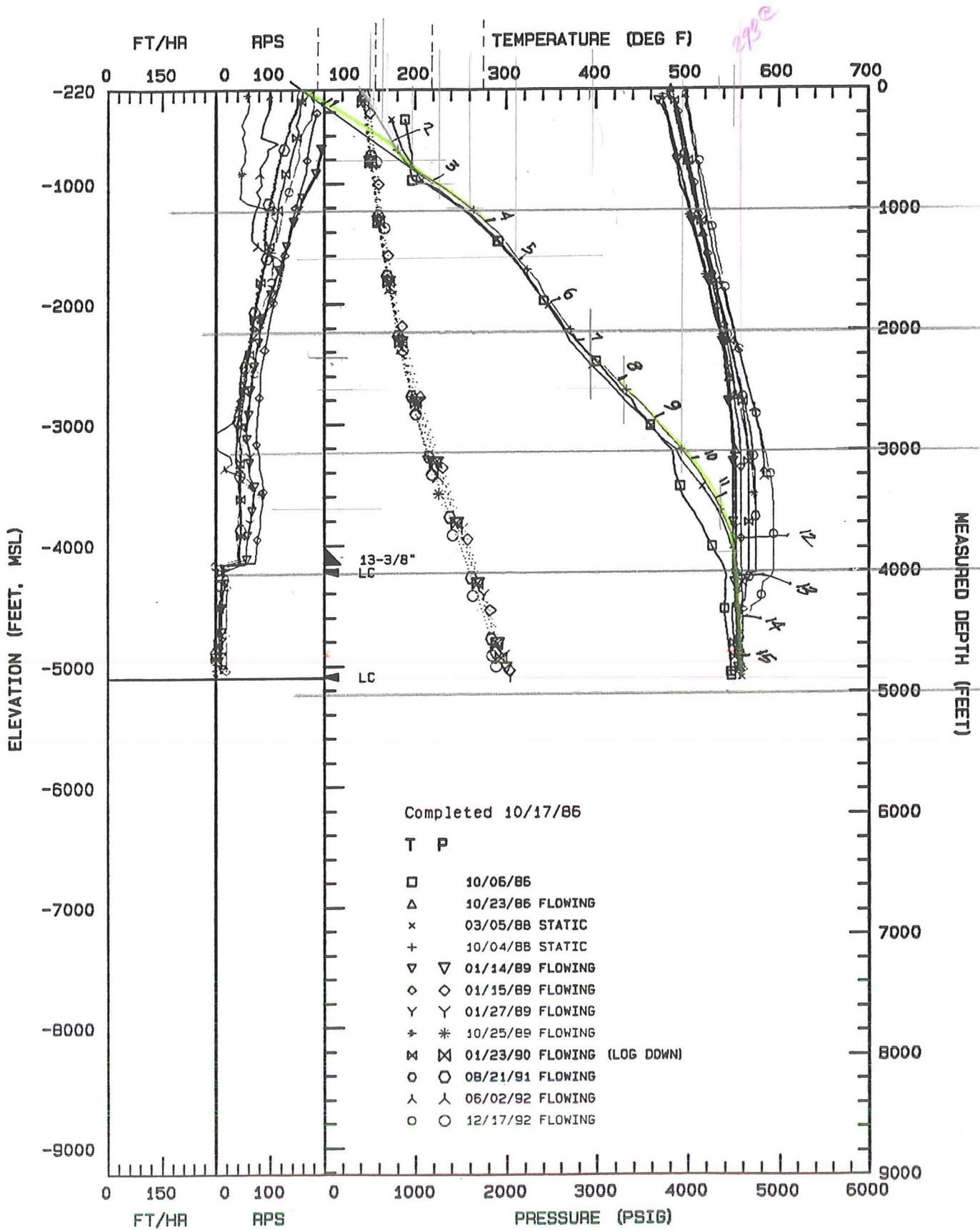


Completed 4/06/74

T P

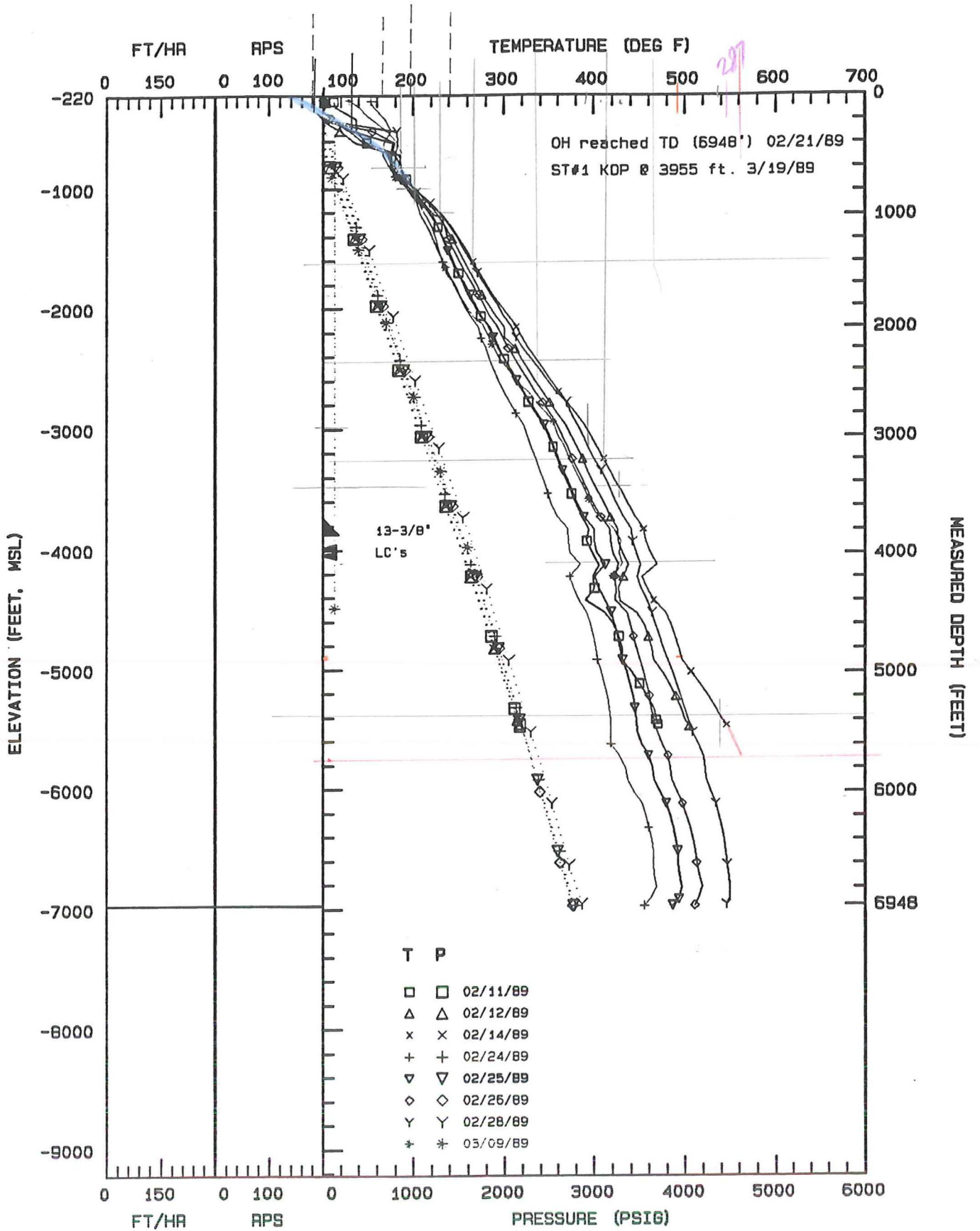
□ Flowline temps. - no date

ELMORE 4 - DOWNHOLE SUMMARY PLOT



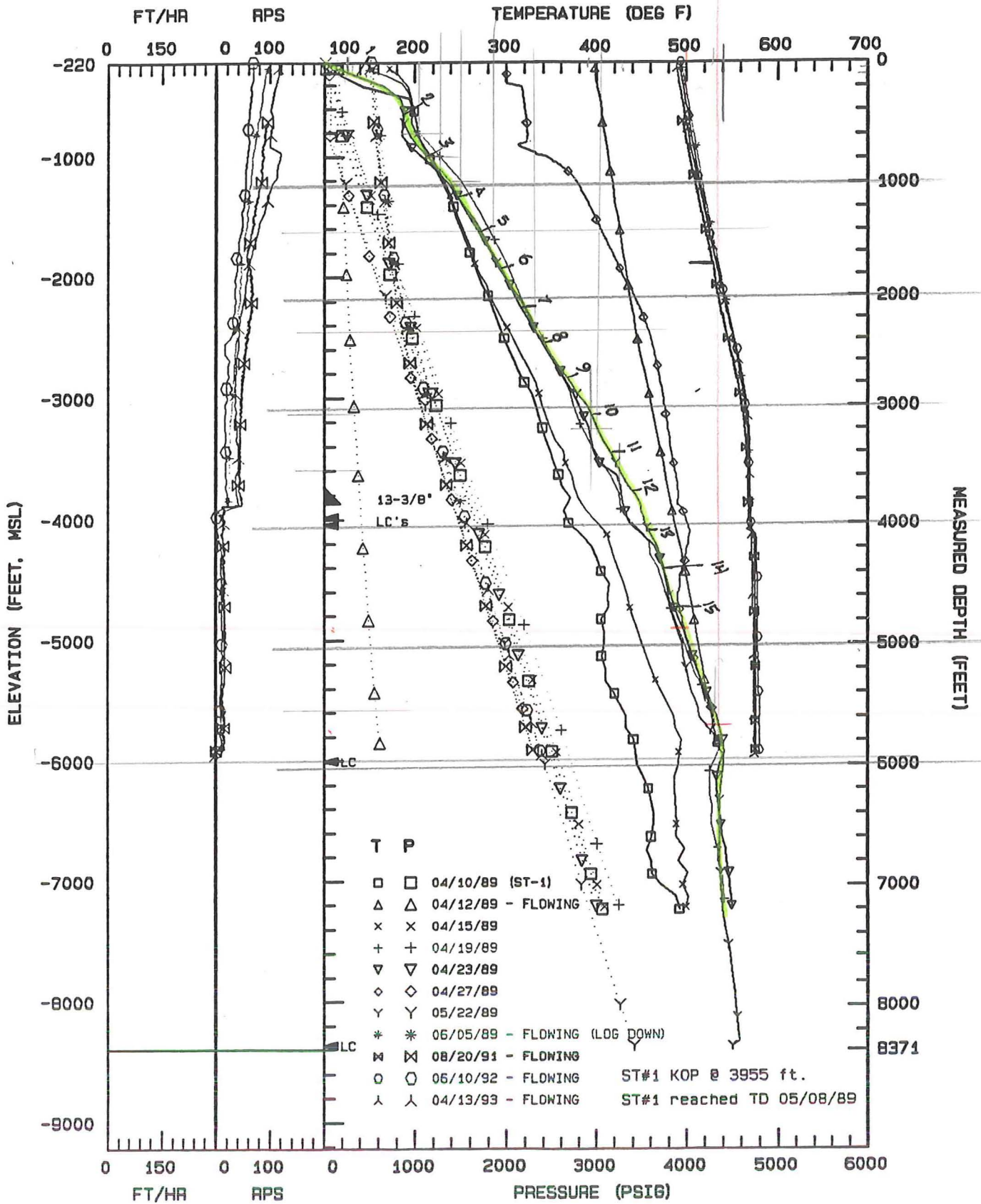
GeothermEx, Inc.

ELMORE 6 OH - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

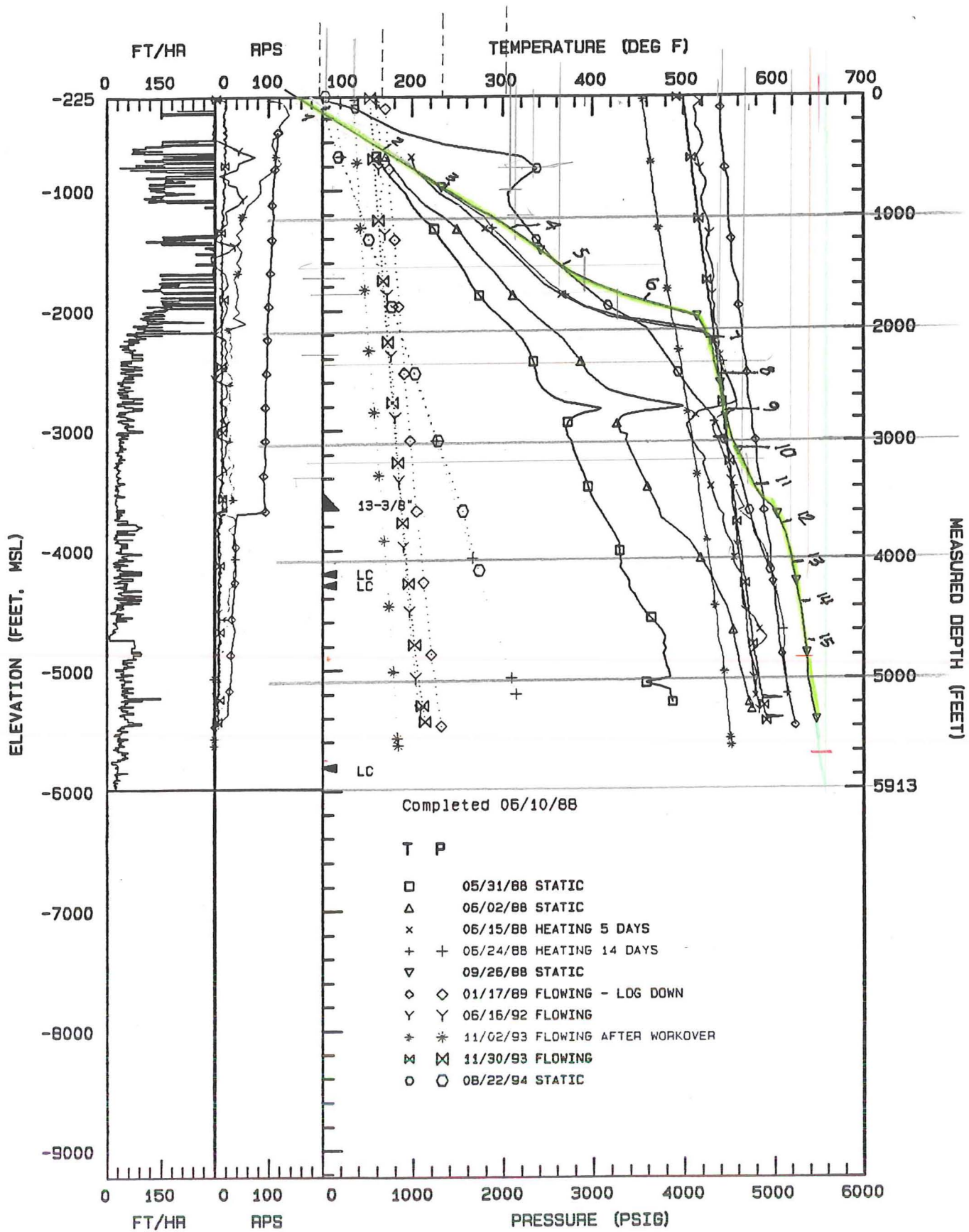
ELMORE 6 ST#1- DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

03-09-1995 A: PT041089.PLT

ELMORE 10 - DOWNHOLE SUMMARY PLOT



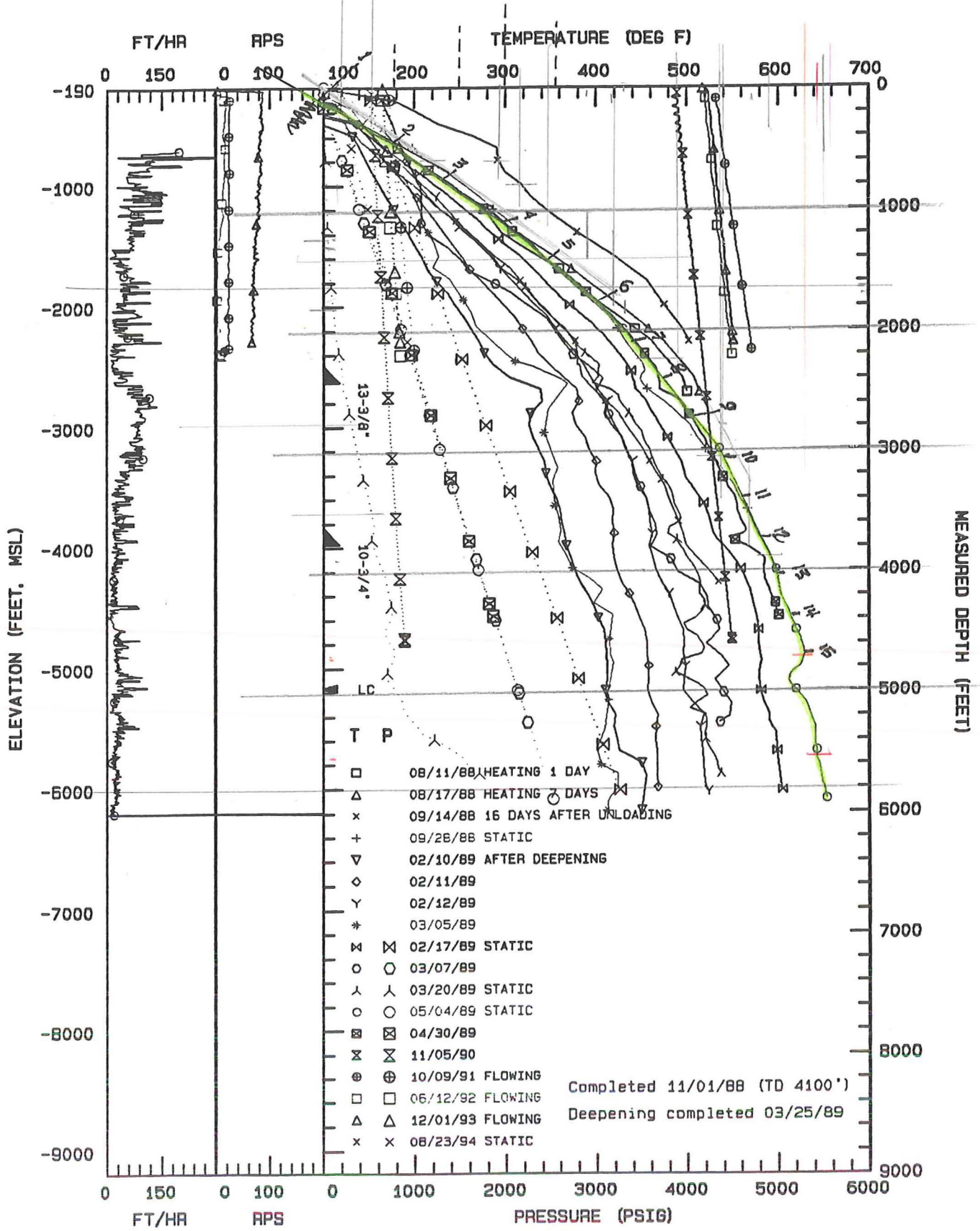
Completed 06/10/88

- | T | P | Description |
|---|---|---------------------------------|
| □ | | 05/31/88 STATIC |
| △ | | 06/02/88 STATIC |
| x | | 06/15/88 HEATING 5 DAYS |
| + | + | 06/24/88 HEATING 14 DAYS |
| ▽ | | 09/26/88 STATIC |
| ◇ | ◇ | 01/17/89 FLOWING - LOG DOWN |
| Y | Y | 06/16/92 FLOWING |
| * | * | 11/02/93 FLOWING AFTER WORKOVER |
| ⊗ | ⊗ | 11/30/93 FLOWING |
| ○ | ○ | 08/22/94 STATIC |

GeothermEx, Inc.

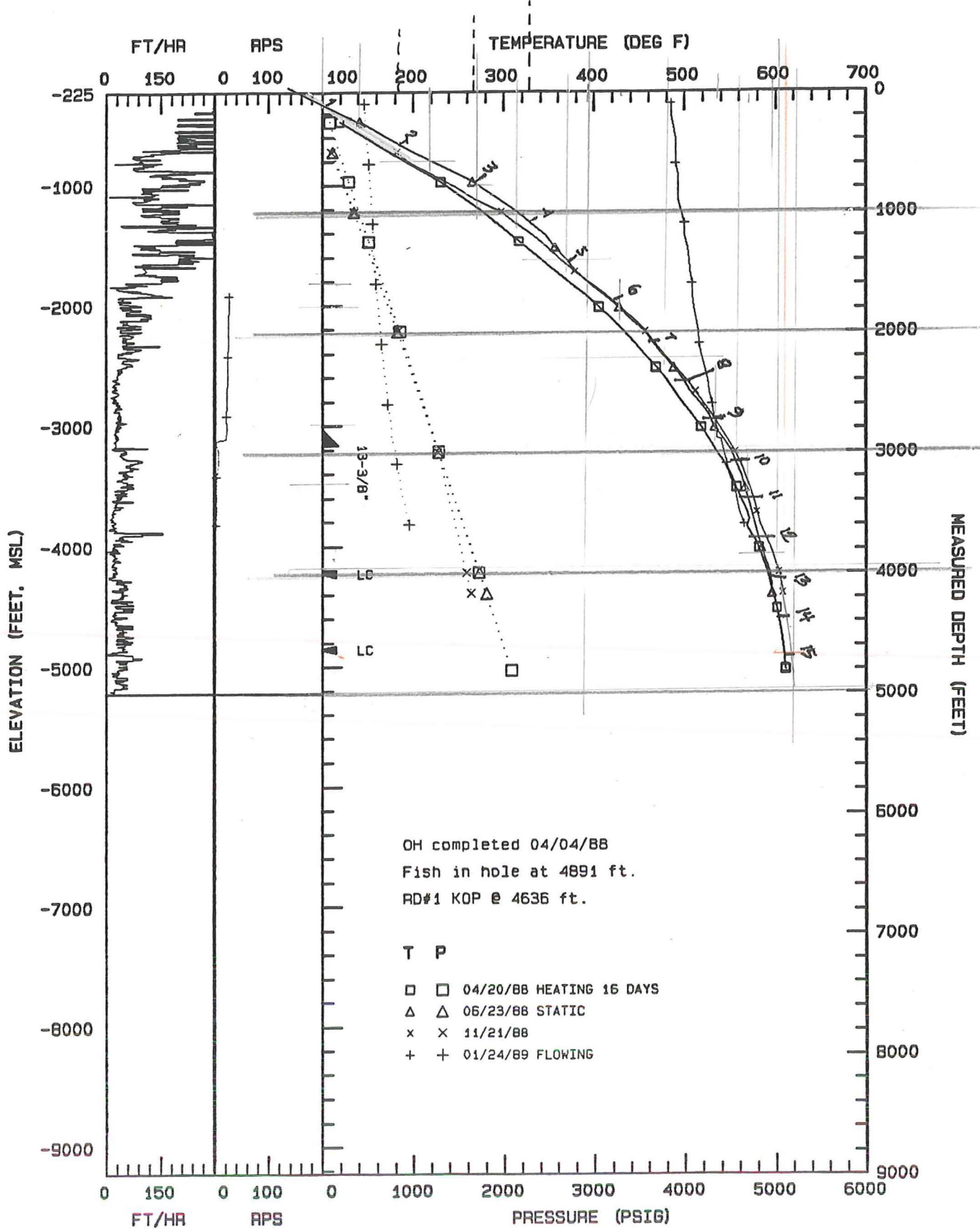
12-07-1994 A: E1053188.PLT

ELMORE 11 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

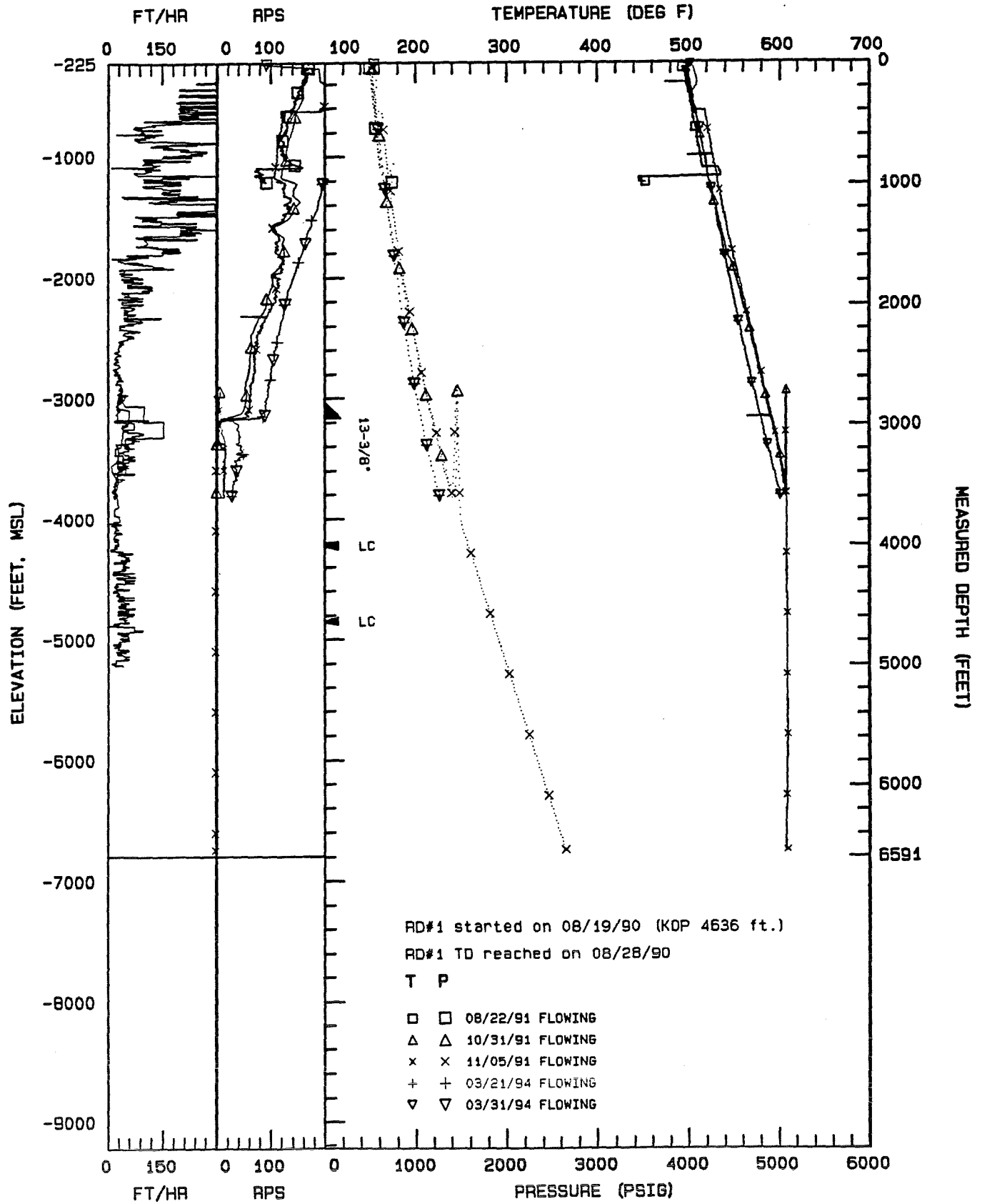
ELMORE 12 OH - DOWNHOLE SUMMARY PLOT



OH completed 04/04/88
 Fish in hole at 4891 ft.
 RD#1 KOP @ 4636 ft.

T P
 □ □ 04/20/88 HEATING 16 DAYS
 △ △ 06/23/88 STATIC
 x x 11/21/88
 + + 01/24/89 FLOWING

ELMORE 12 RD#1 - DOWNHOLE SUMMARY PLOT



RD#1 started on 08/19/90 (KOP 4636 ft.)

RD#1 TD reached on 08/28/90

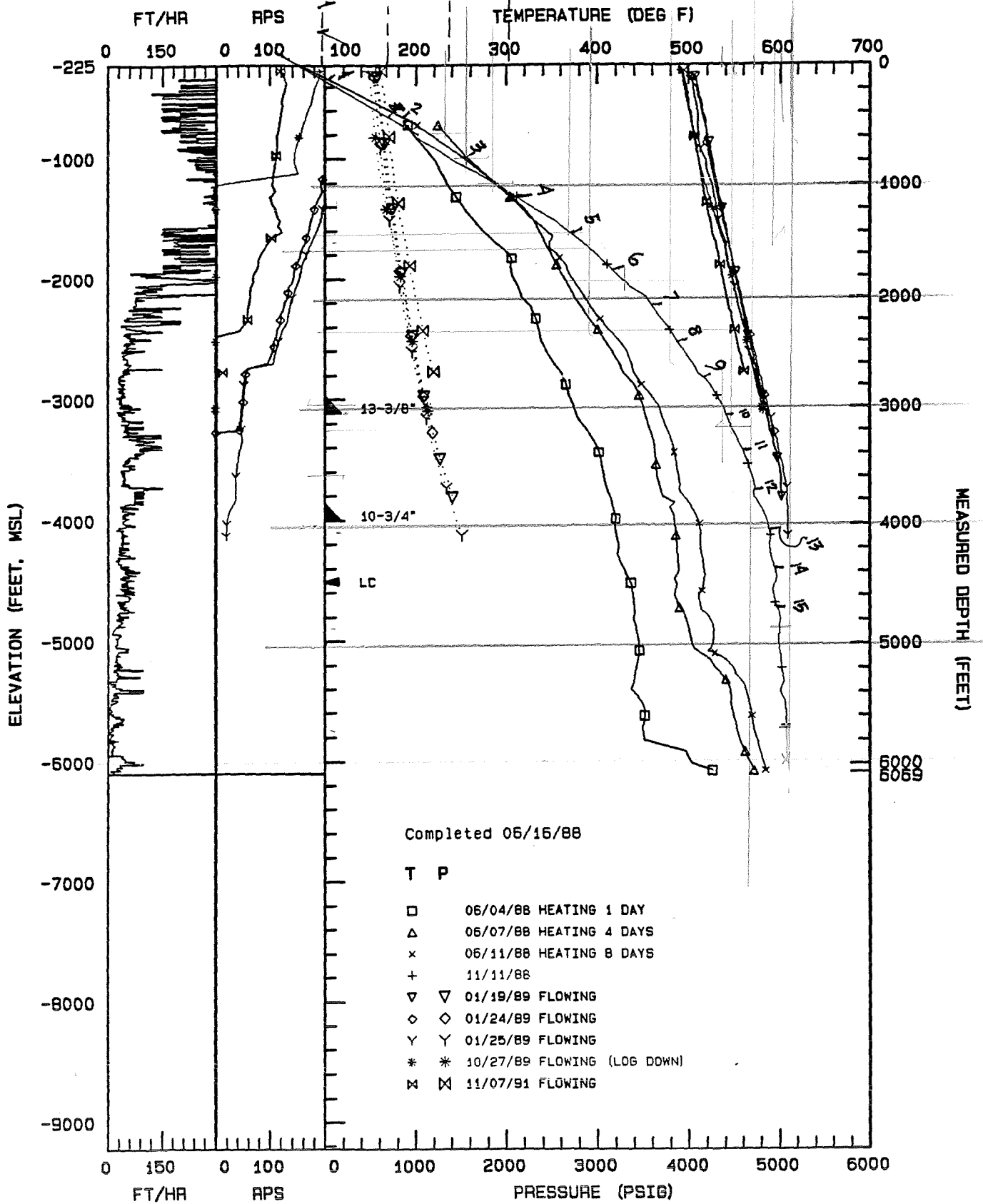
T P

- □ 08/22/91 FLOWING
- △ △ 10/31/91 FLOWING
- x x 11/05/91 FLOWING
- + + 03/21/94 FLOWING
- ▽ ▽ 03/31/94 FLOWING

GeothermEx, Inc.

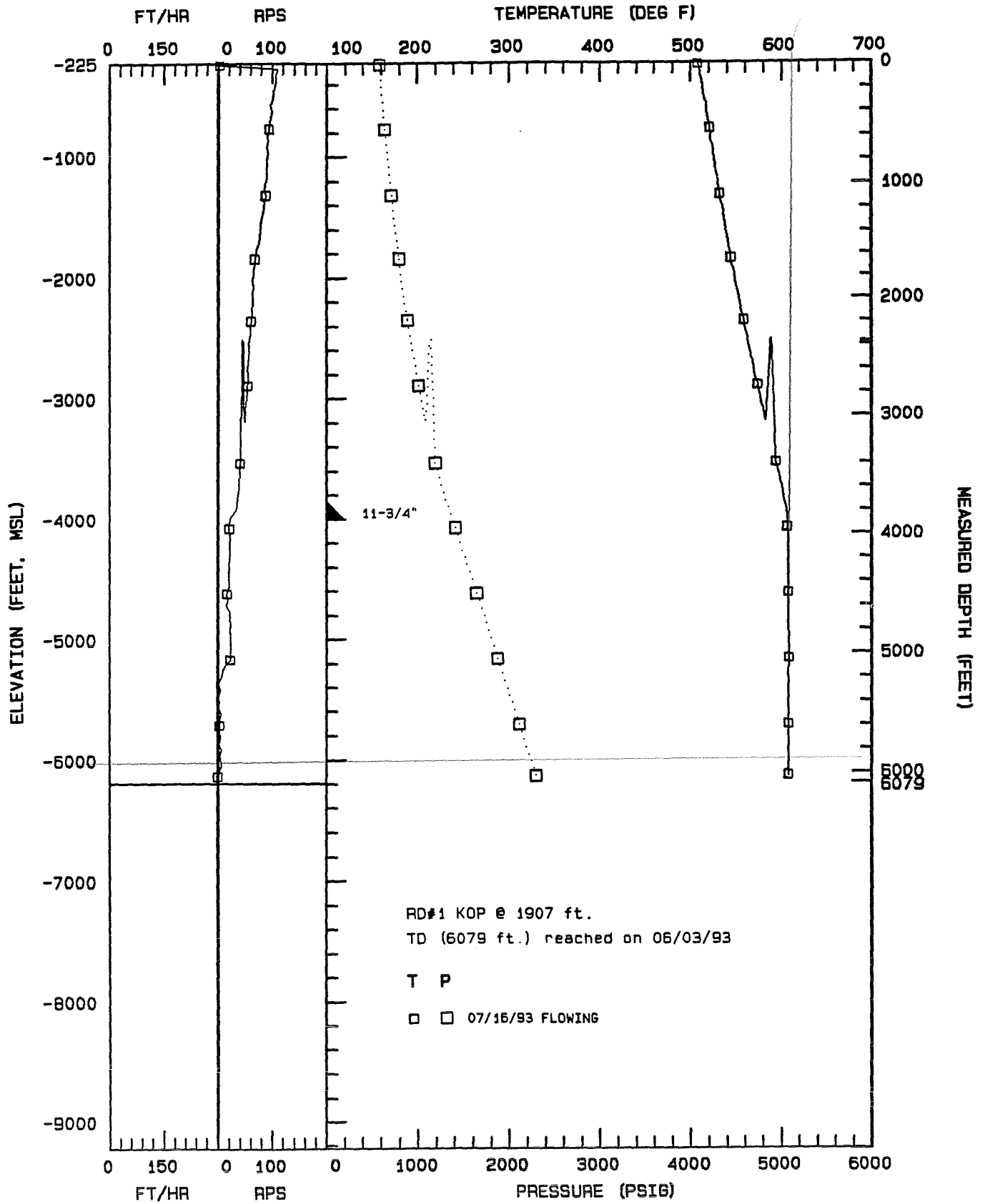
12-05-1894 A: TP882291.PLT

ELMORE 13 OH - DOWNHOLE SUMMARY PLOT



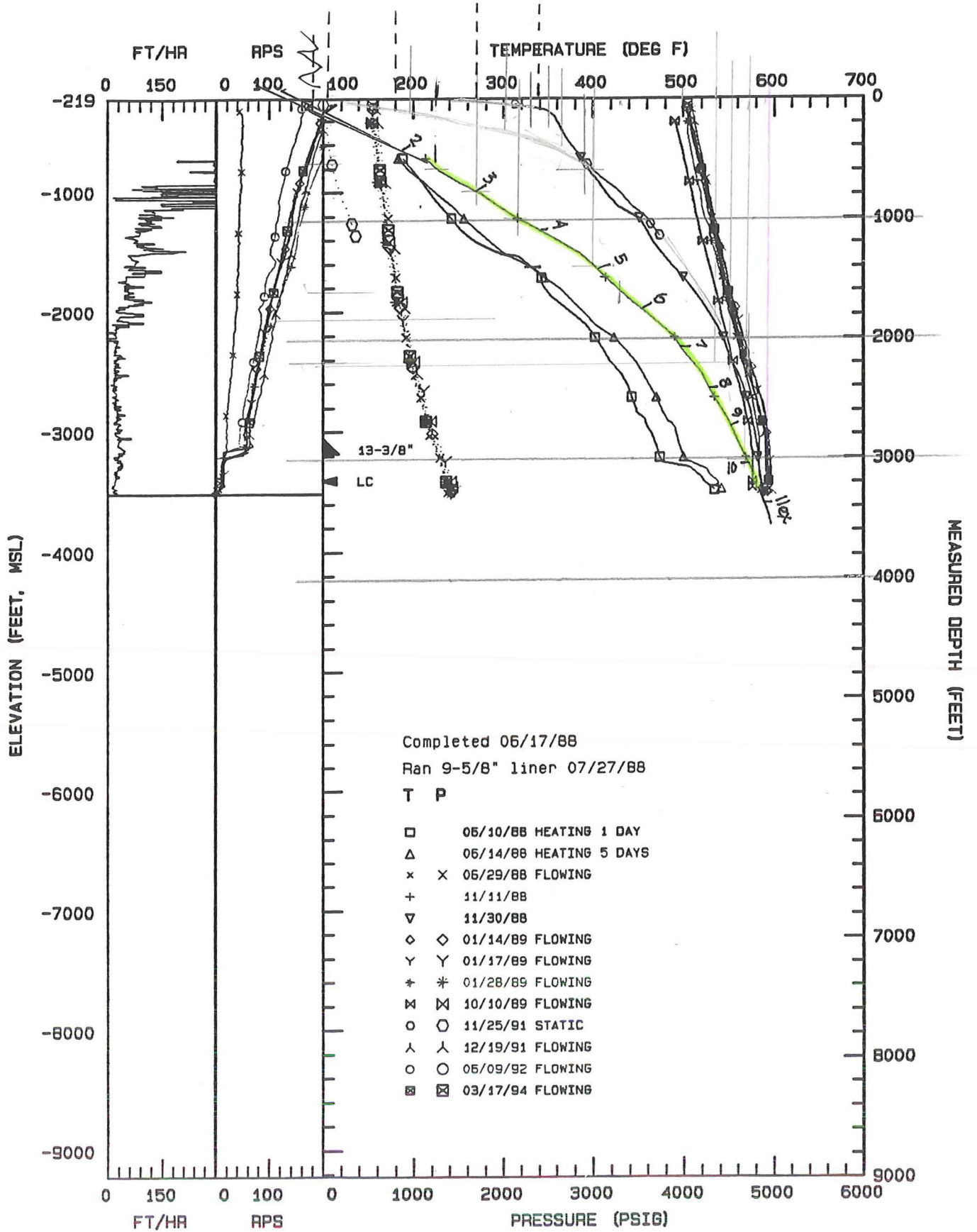
GeothermEx, Inc.

ELMORE 13 RD#1 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

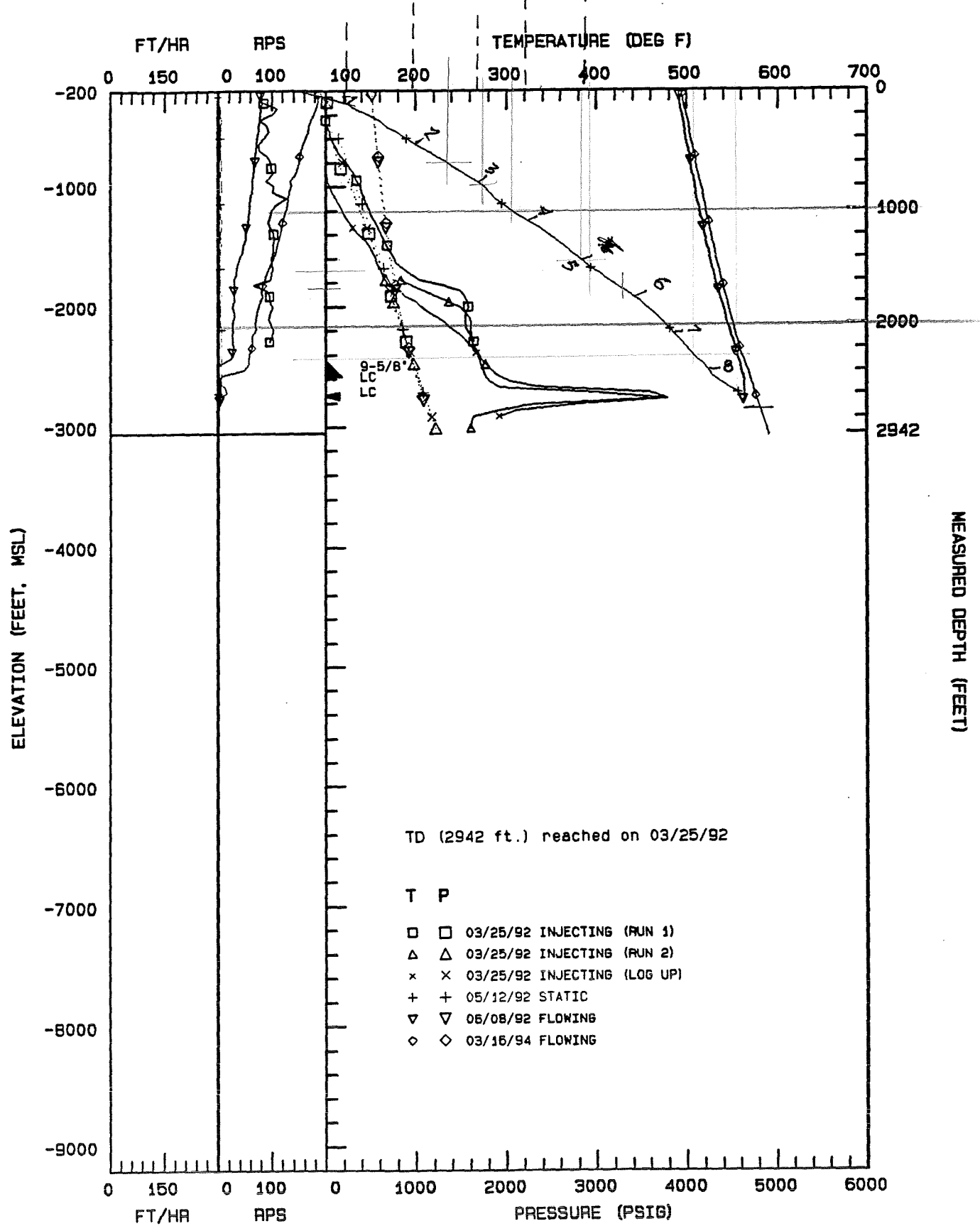
ELMORE 14 - DOWNHOLE SUMMARY PLOT



Completed 06/17/88
 Ran 9-5/8" liner 07/27/88
 T P

7036 Gentry Rd.
Cal. 92233

ELMORE 15 - DOWNHOLE SUMMARY PLOT

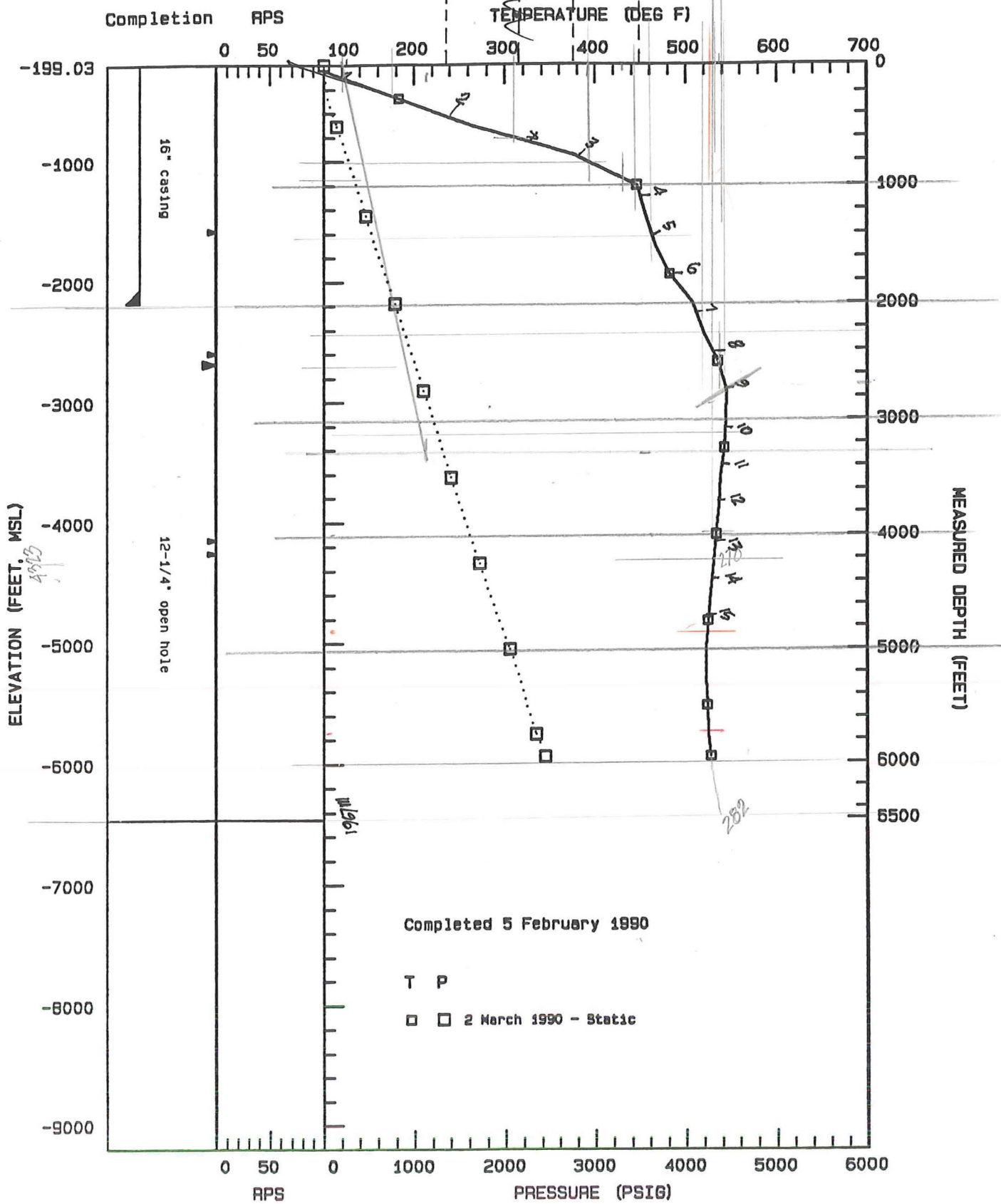


TD (2942 ft.) reached on 03/25/92

- T P
- □ 03/25/92 INJECTING (RUN 1)
 - △ △ 03/25/92 INJECTING (RUN 2)
 - × × 03/25/92 INJECTING (LOG UP)
 - + + 05/12/92 STATIC
 - ▽ ▽ 06/08/92 FLOWING
 - ◇ ◇ 03/16/94 FLOWING

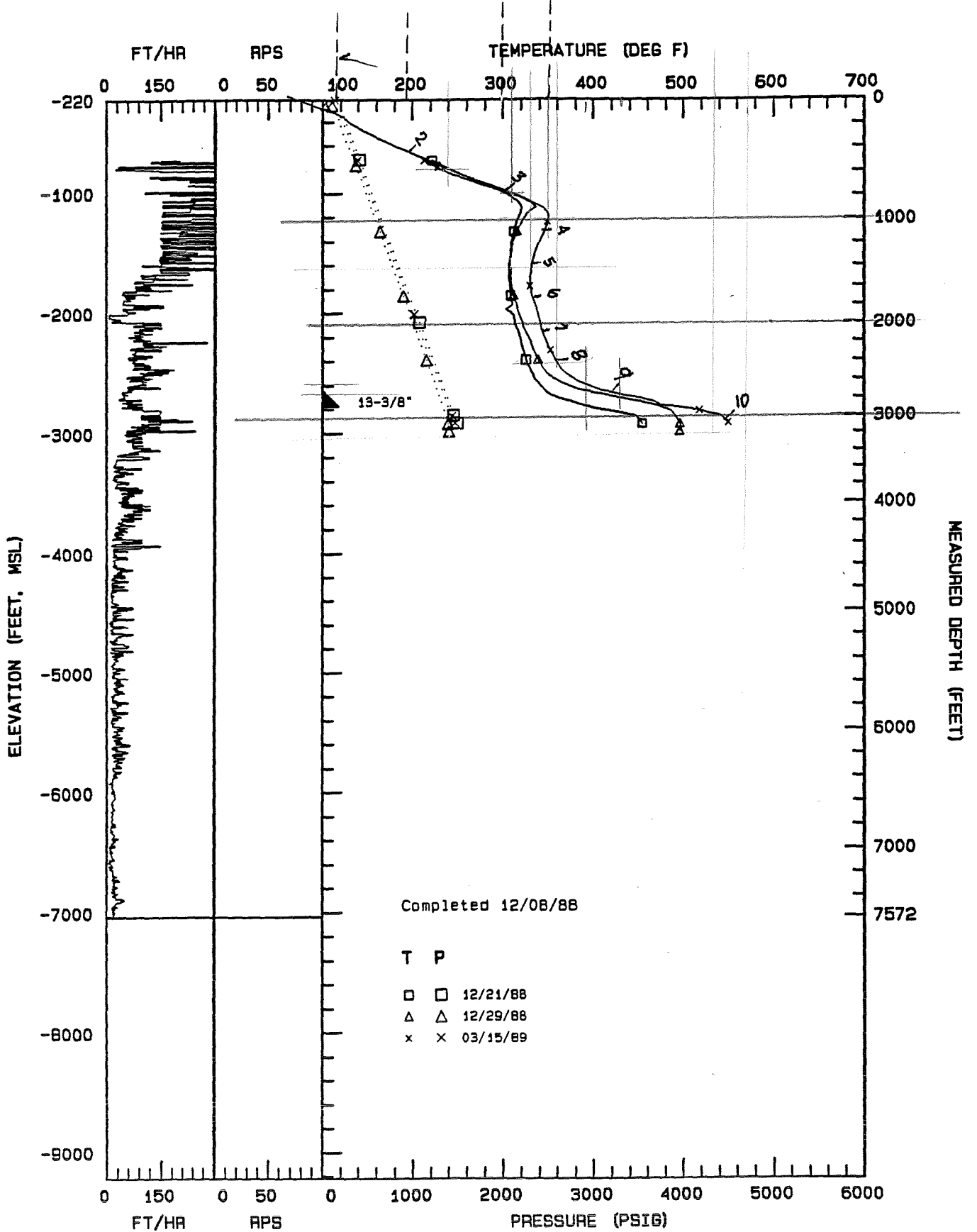
GeothermEx, Inc.

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL ELMORE-100



GeothermEx, Inc.

ELMORE IW-3 RD - DOWNHOLE SUMMARY PLOT



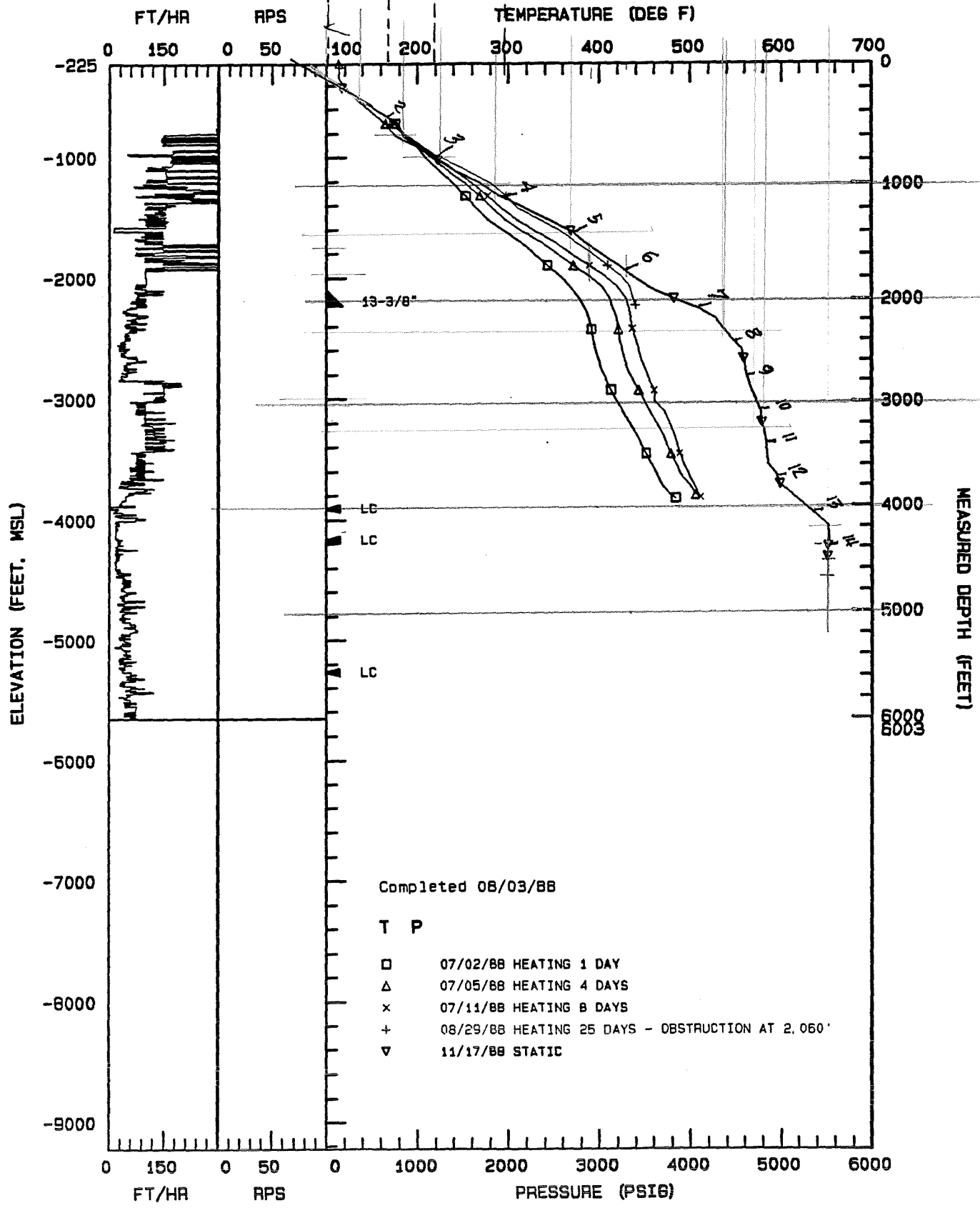
Completed 12/08/88

T P
 □ □ 12/21/88
 △ △ 12/29/88
 x x 03/15/89

GeothermEx, Inc.

12-09-1994 A: T122188.PLT

ELMORE IW 4 - DOWNHOLE SUMMARY PLOT



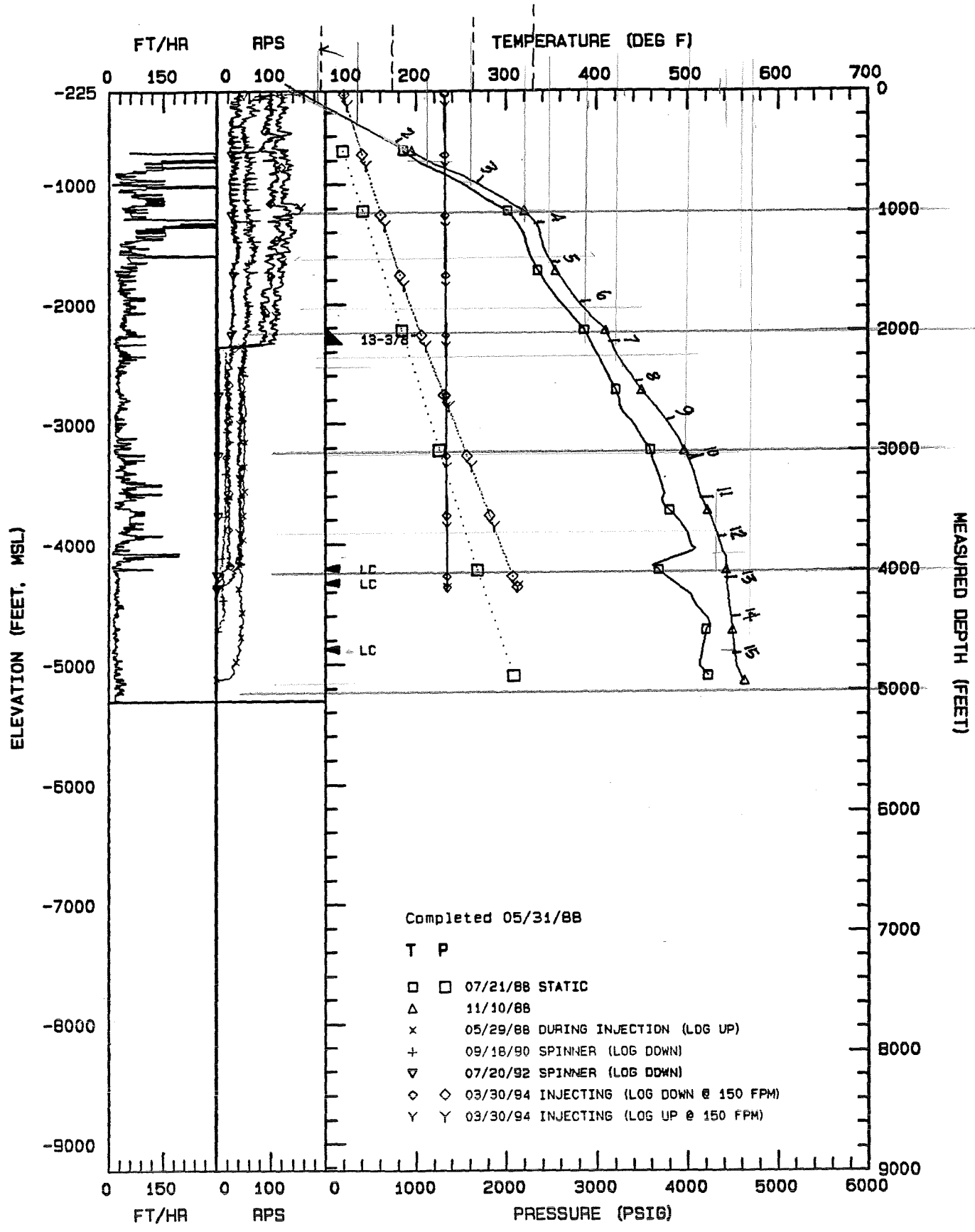
Completed 08/03/88

T P

- 07/02/88 HEATING 1 DAY
- △ 07/05/88 HEATING 4 DAYS
- × 07/11/88 HEATING 8 DAYS
- + 08/29/88 HEATING 25 DAYS - OBSTRUCTION AT 2.060'
- ▽ 11/17/88 STATIC

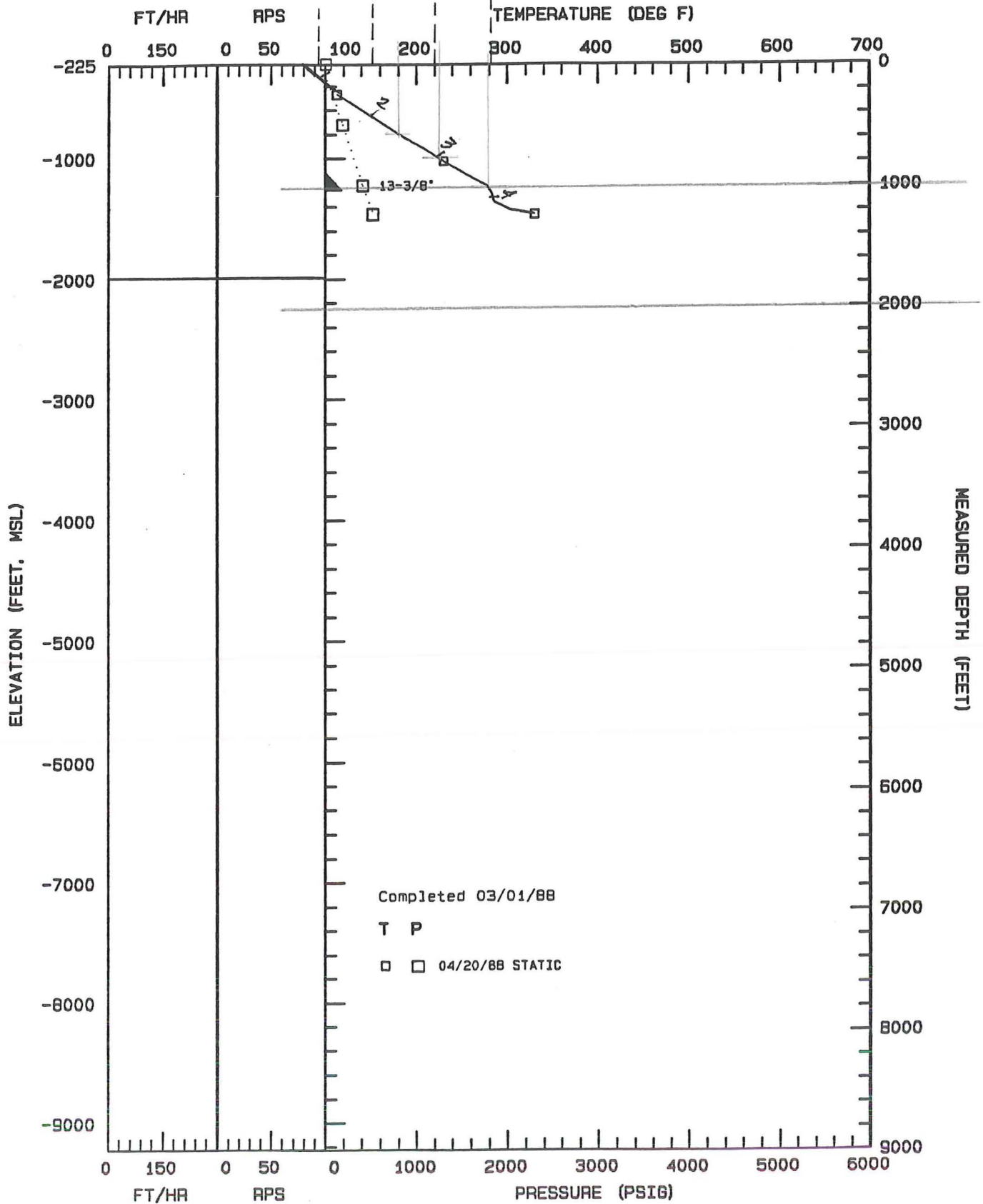
Luke Johnson

ELMORE IW 5 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

ELMORE IW 6 - DOWNHOLE SUMMARY PLOT



Completed 03/01/88

T P

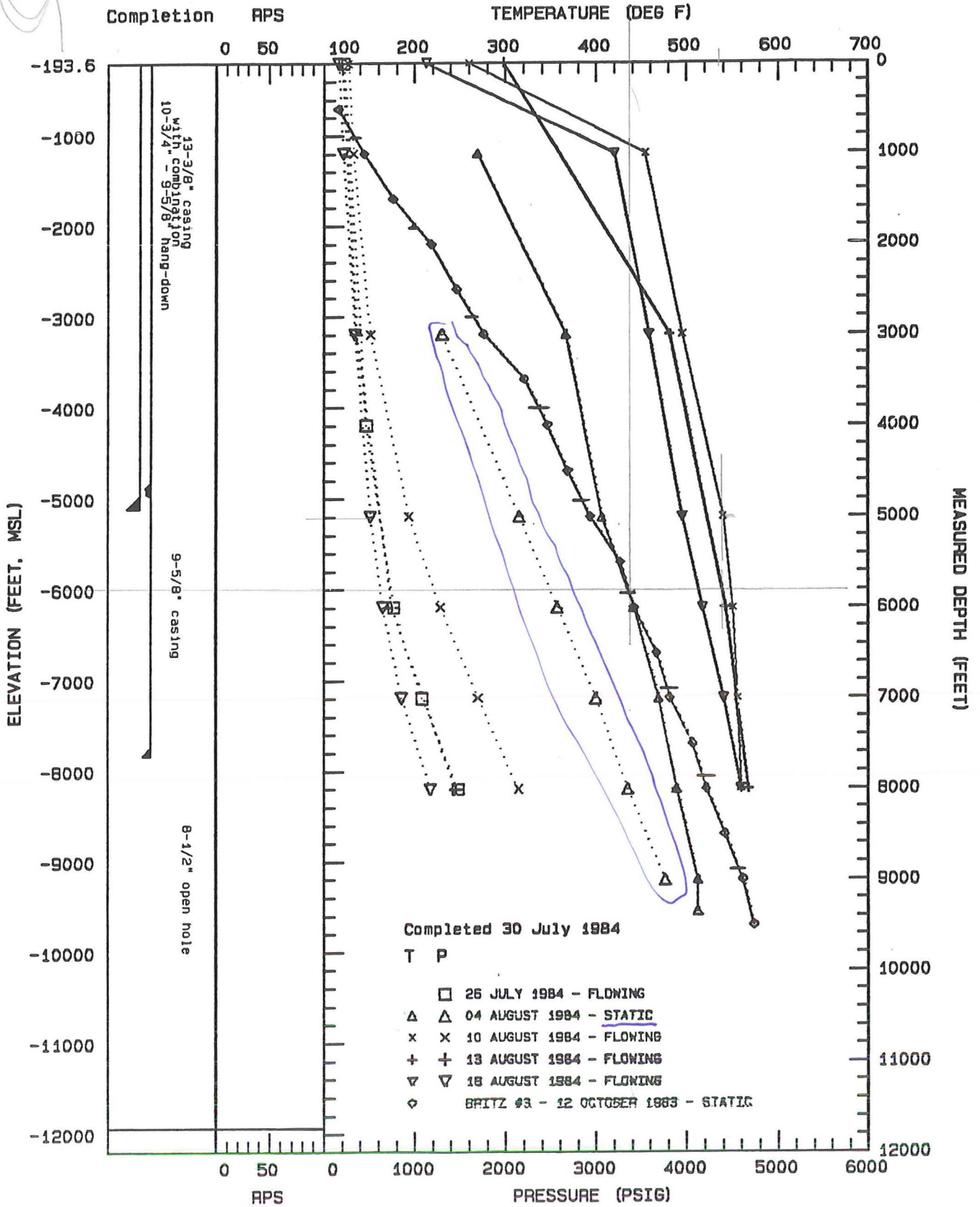
□ □ 04/20/88 STATIC

GeothermEx, Inc.

12-09-1994 A: T042088.PLT

222

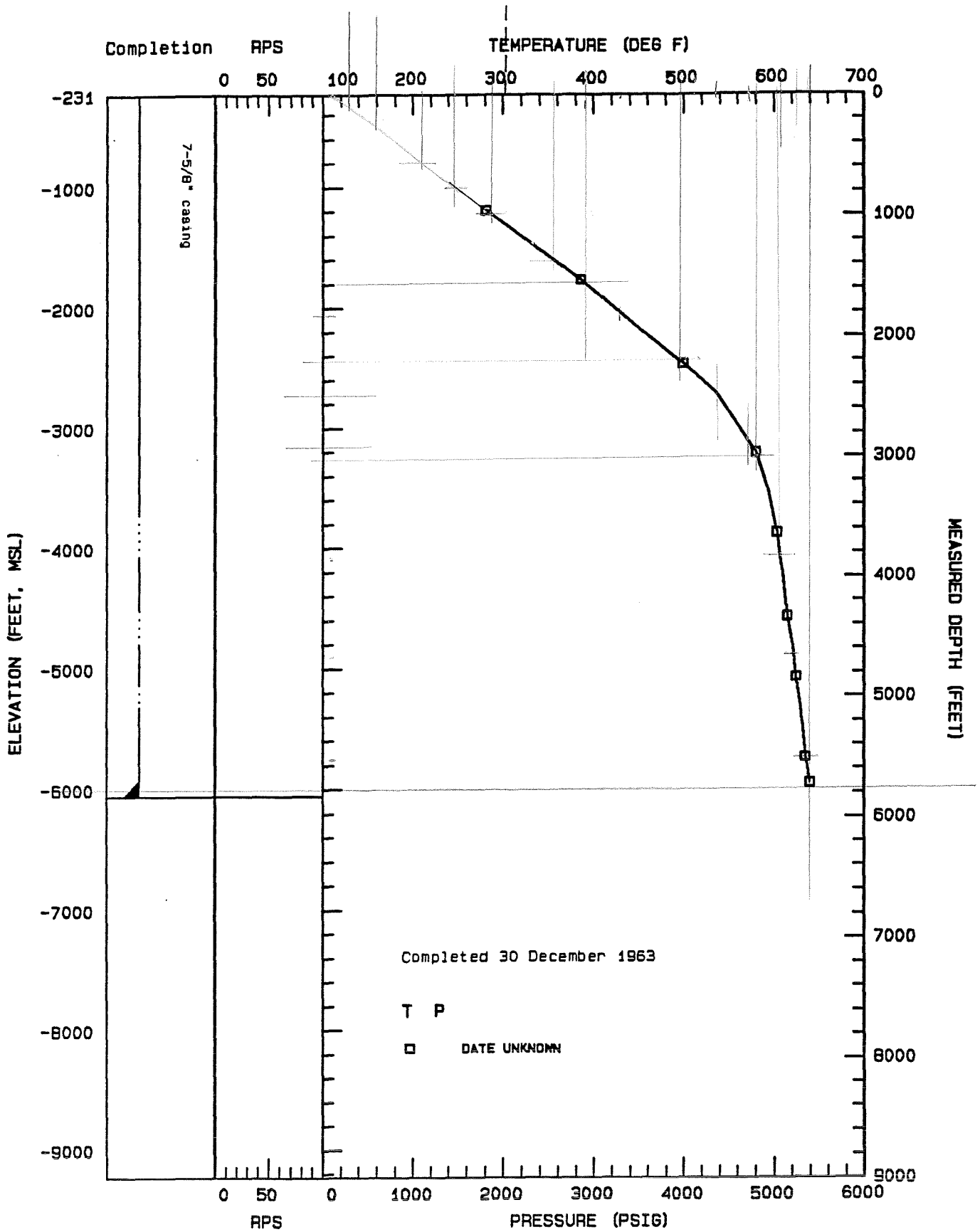
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL FEE #5



GeothermEx, Inc.

08-14-1994 A: P840726.PLT

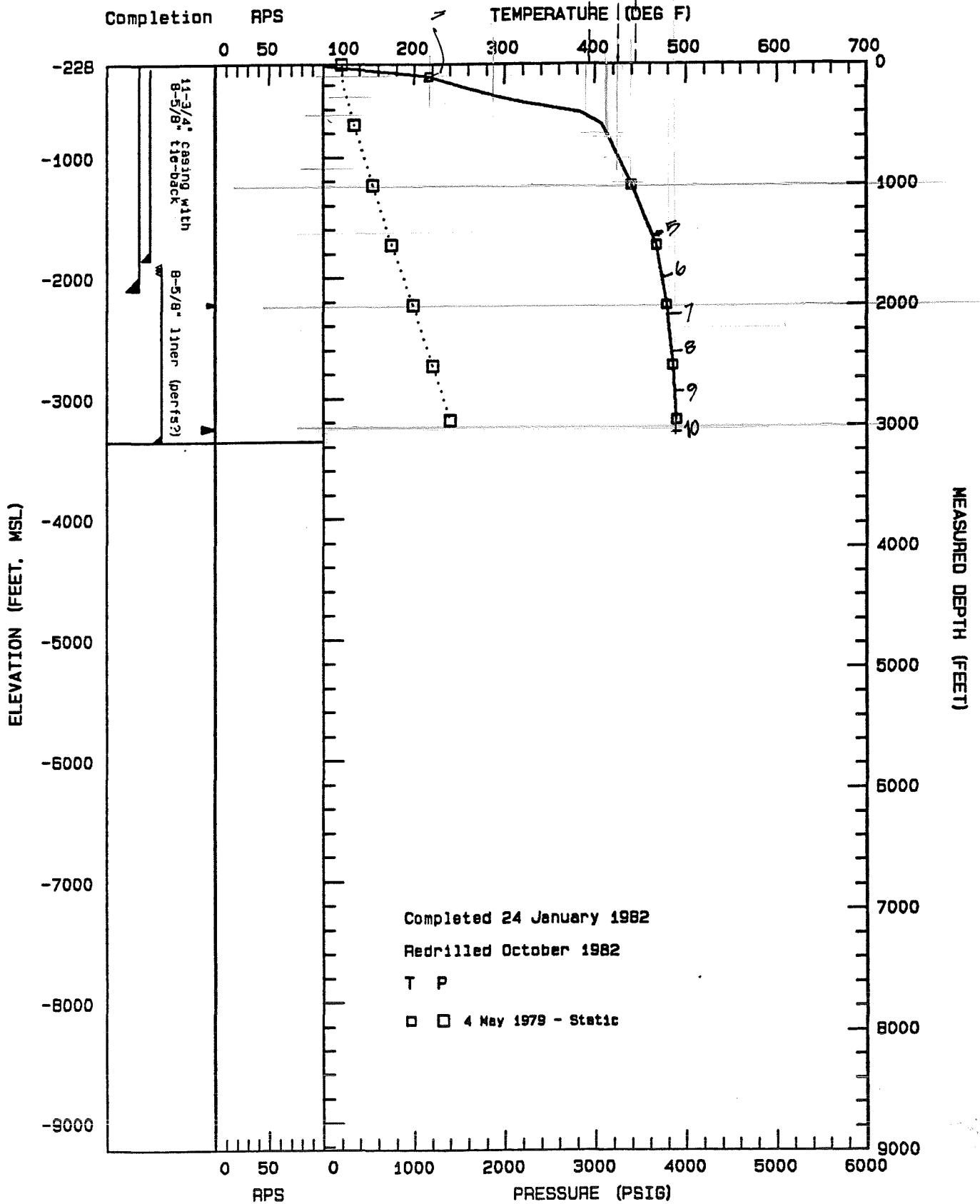
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-2



GeothermEx, Inc.

09-14-1984 A: IID2.PLT

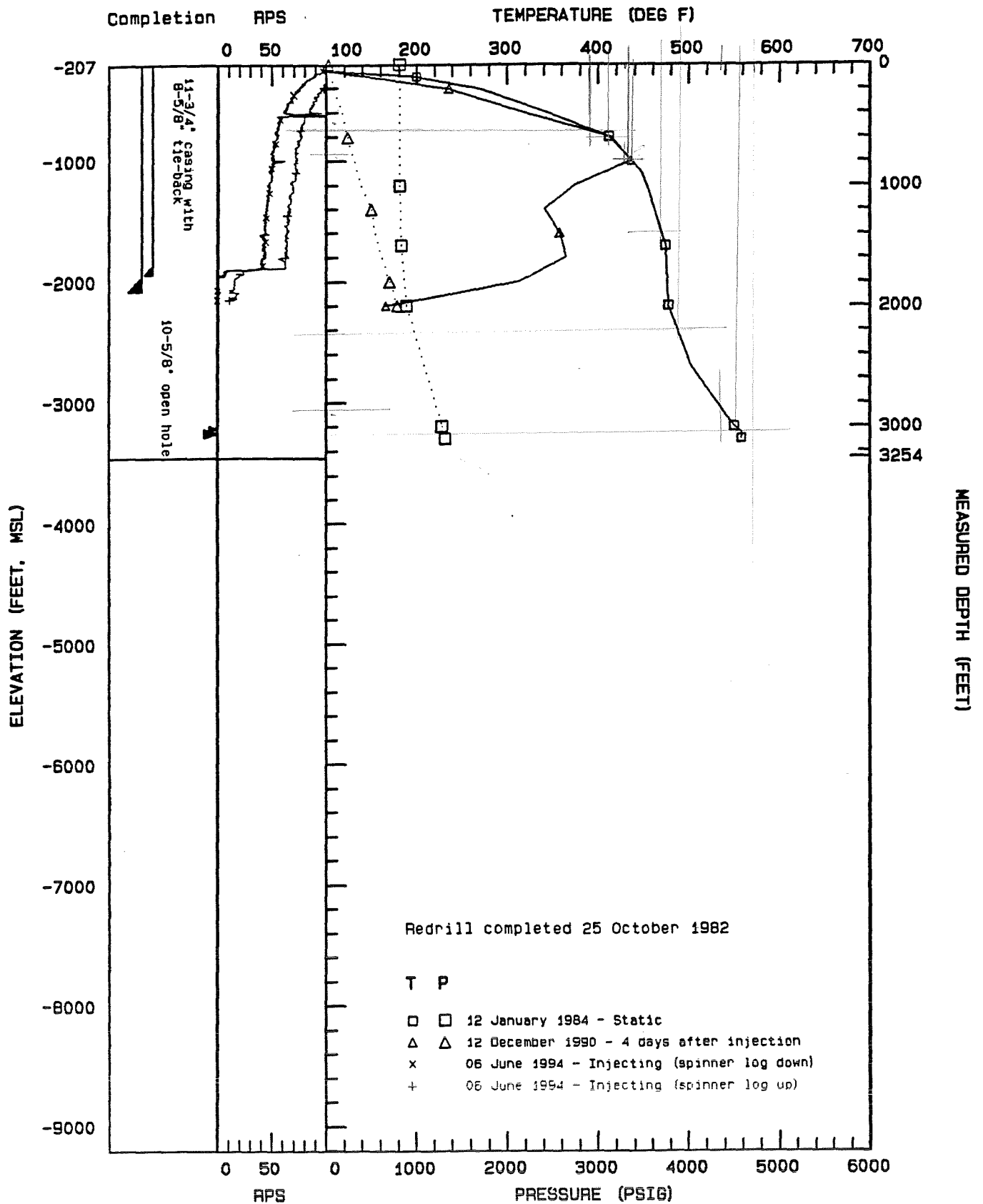
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-5 OH



GeothermEx, Inc.

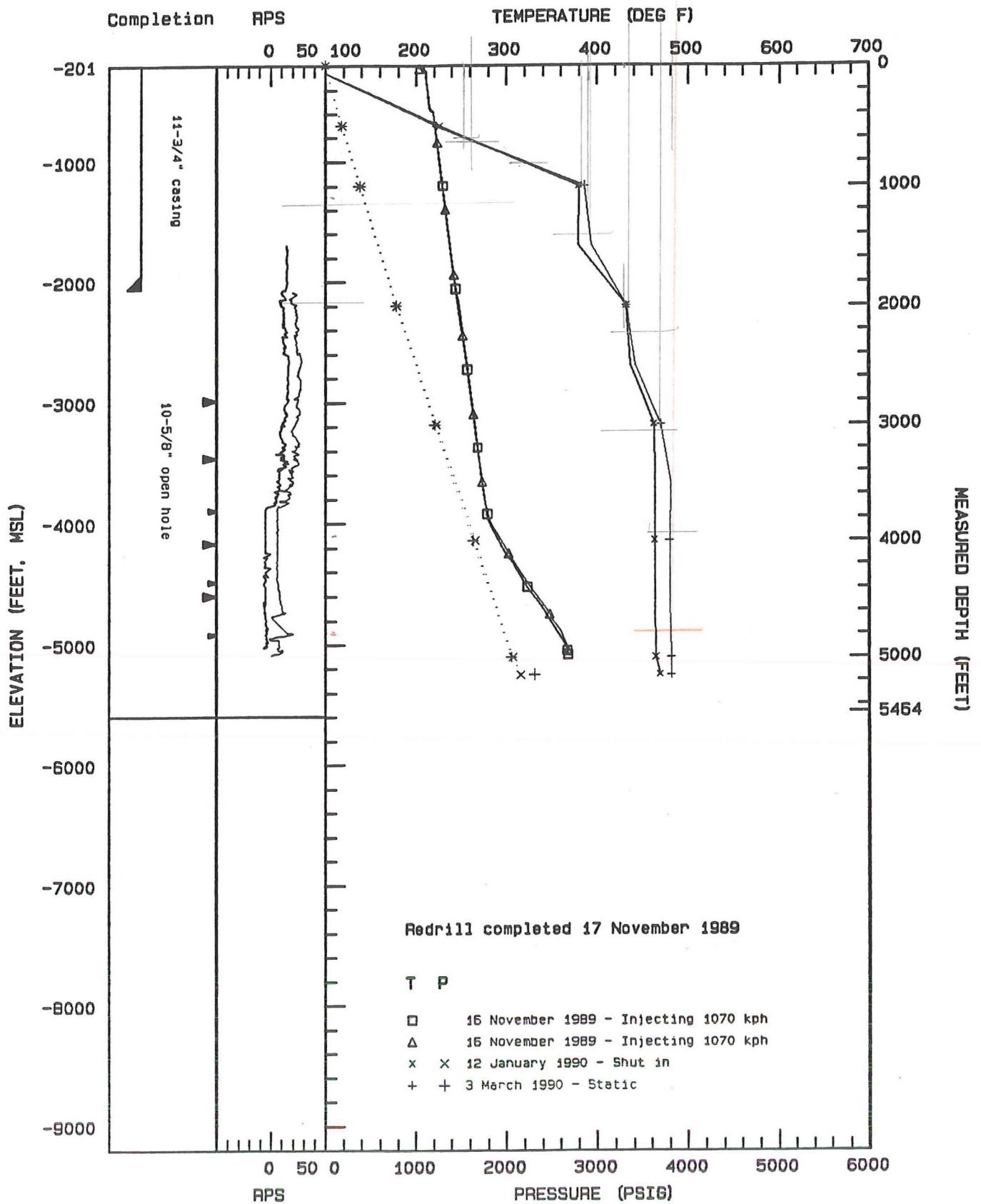
09-05-1994 A: TP790504.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-5 RD1



GeothermEx, Inc.

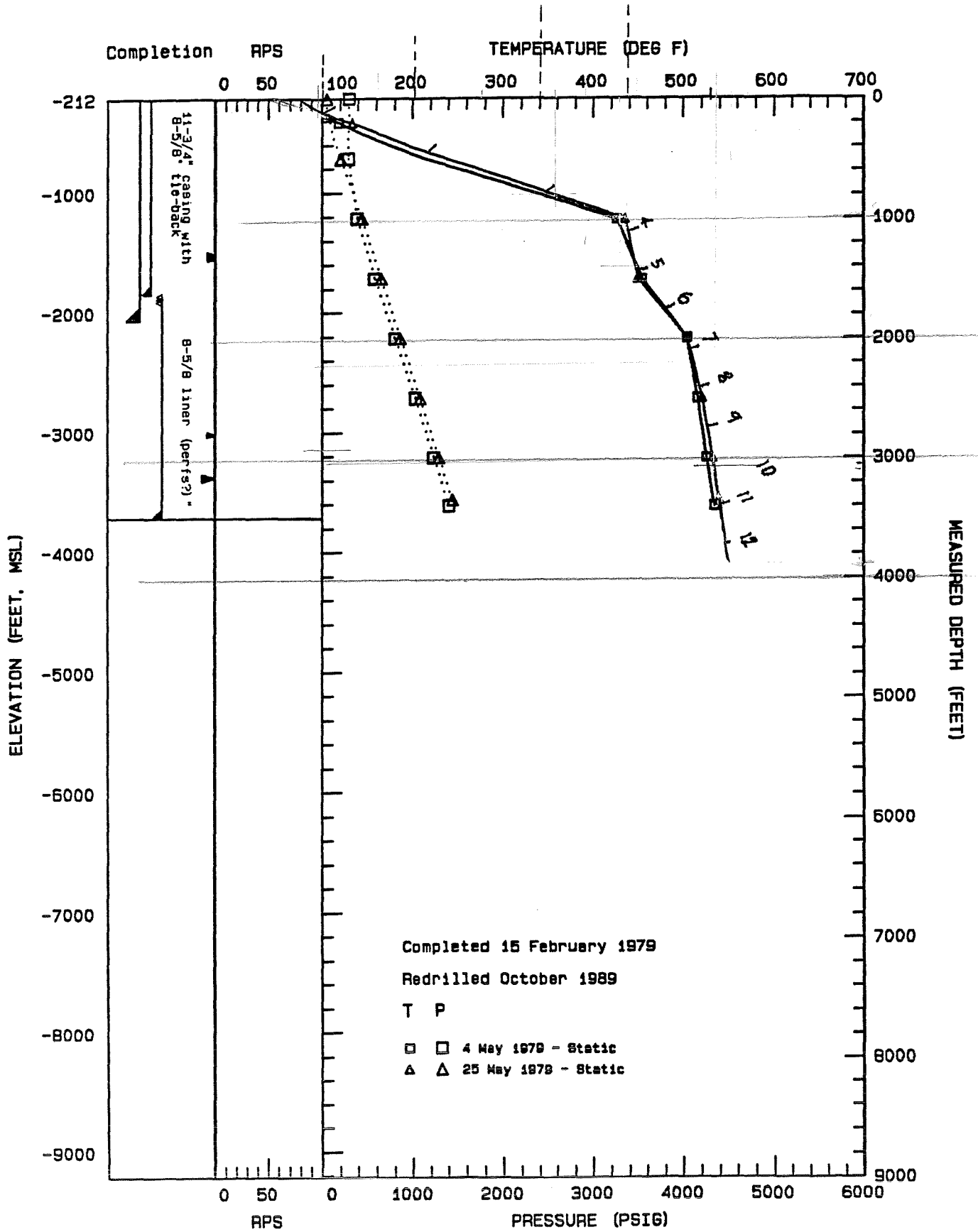
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-6 RD1



GeothermEx, Inc.

01-23-1995 A: T891118.PLT

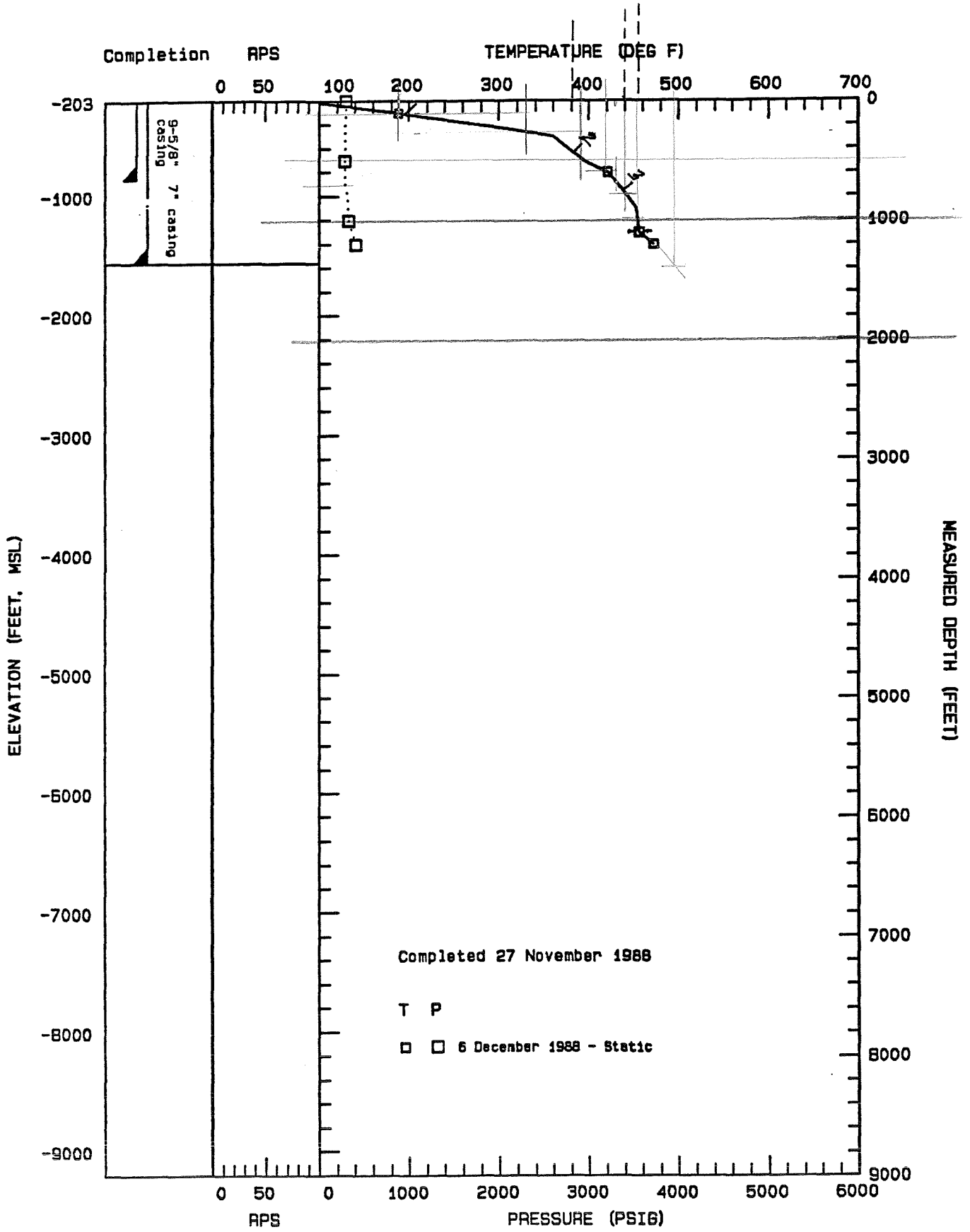
DOWNHOLE SUMMARY PLOT, SALTON SEA, WELL IID-6 OH



GeothermEx, Inc.

09-20-1984 A: TP790504.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-7

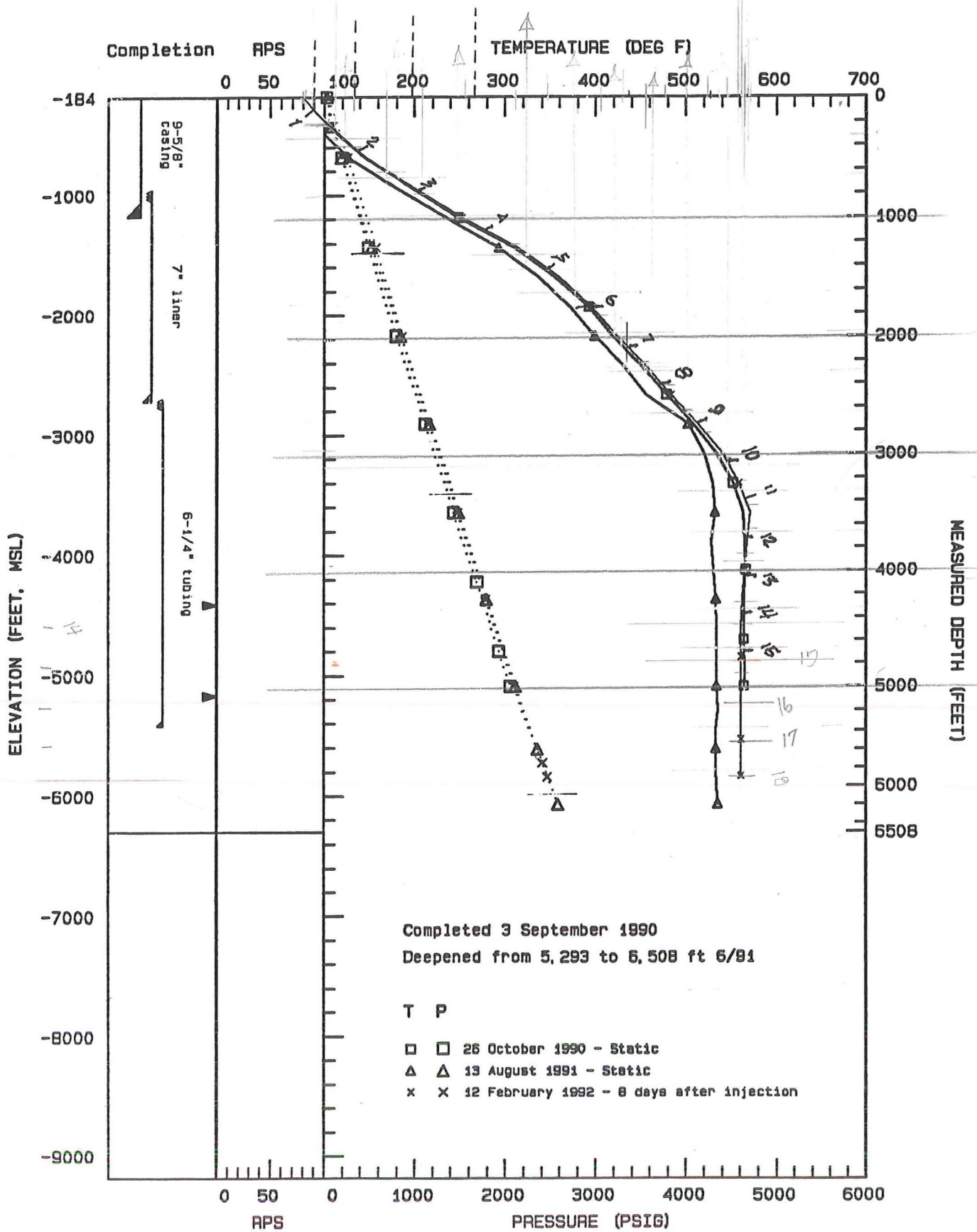


GeothermEx, Inc.

09-05-1994 A: TP881208.PLT

377A

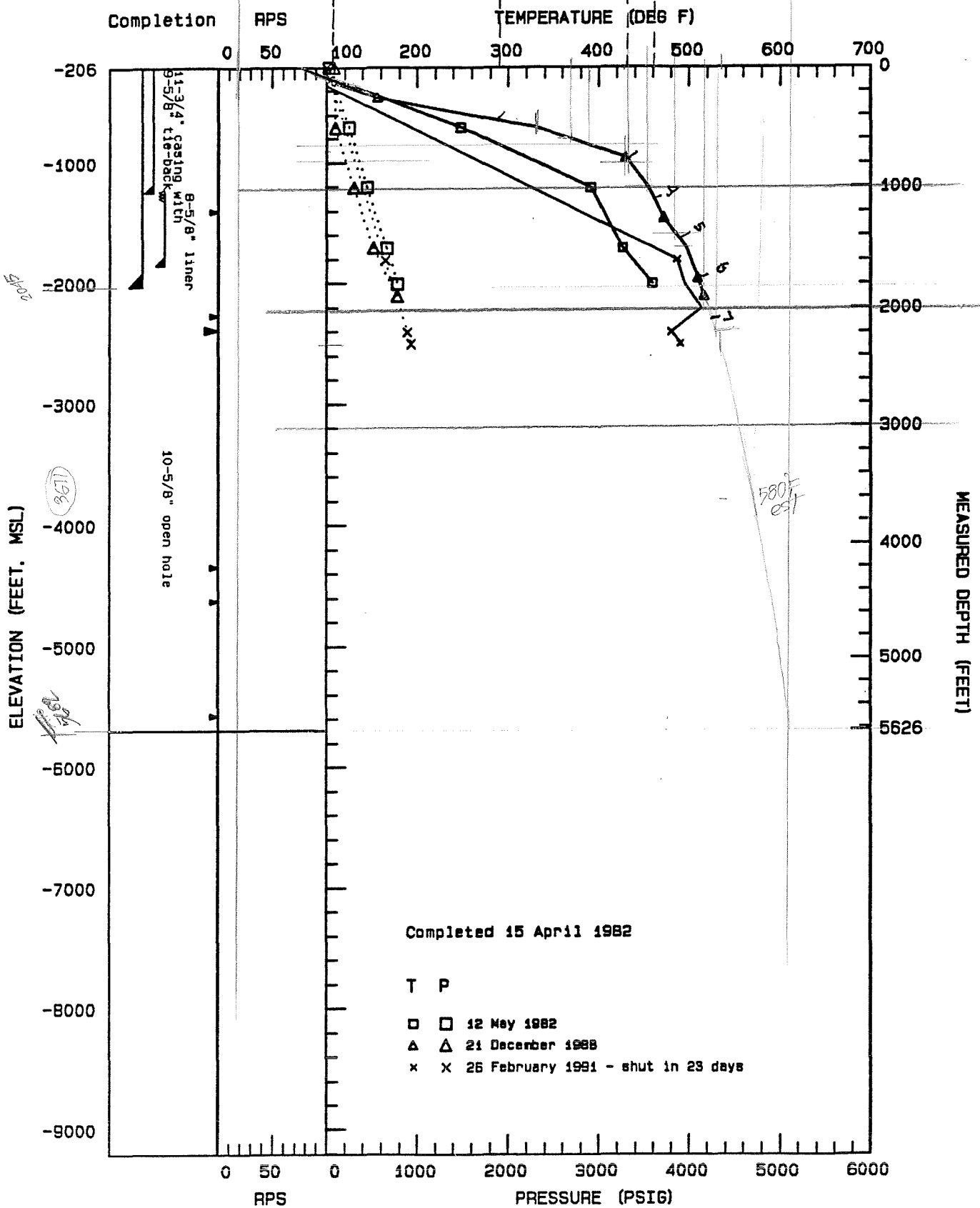
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-8



GeothermEx, Inc.

09-05-1994 A: TP901028.PLT

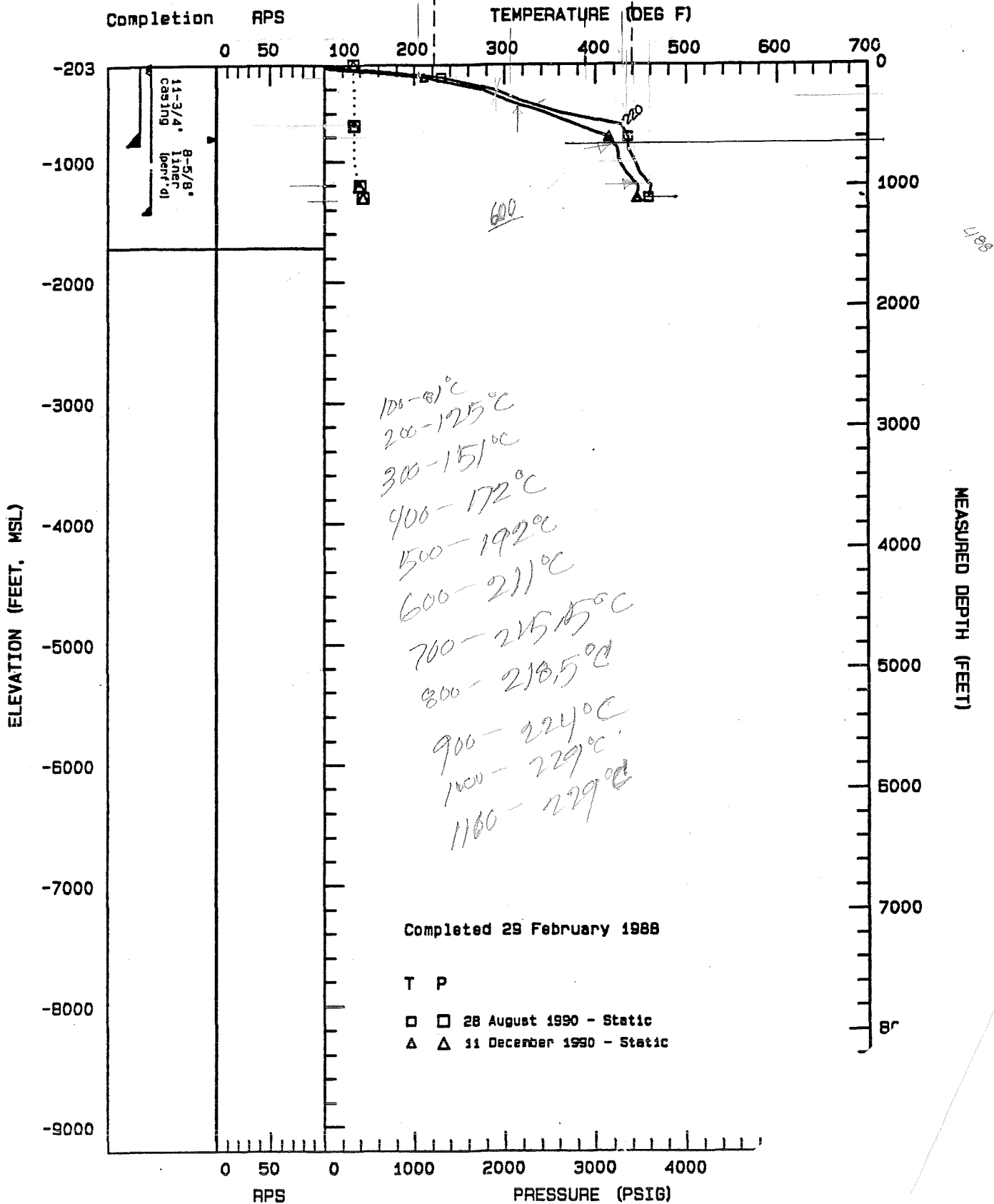
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-9



GeothermEx, Inc.

09-20-1994 A: PT820512.PLT

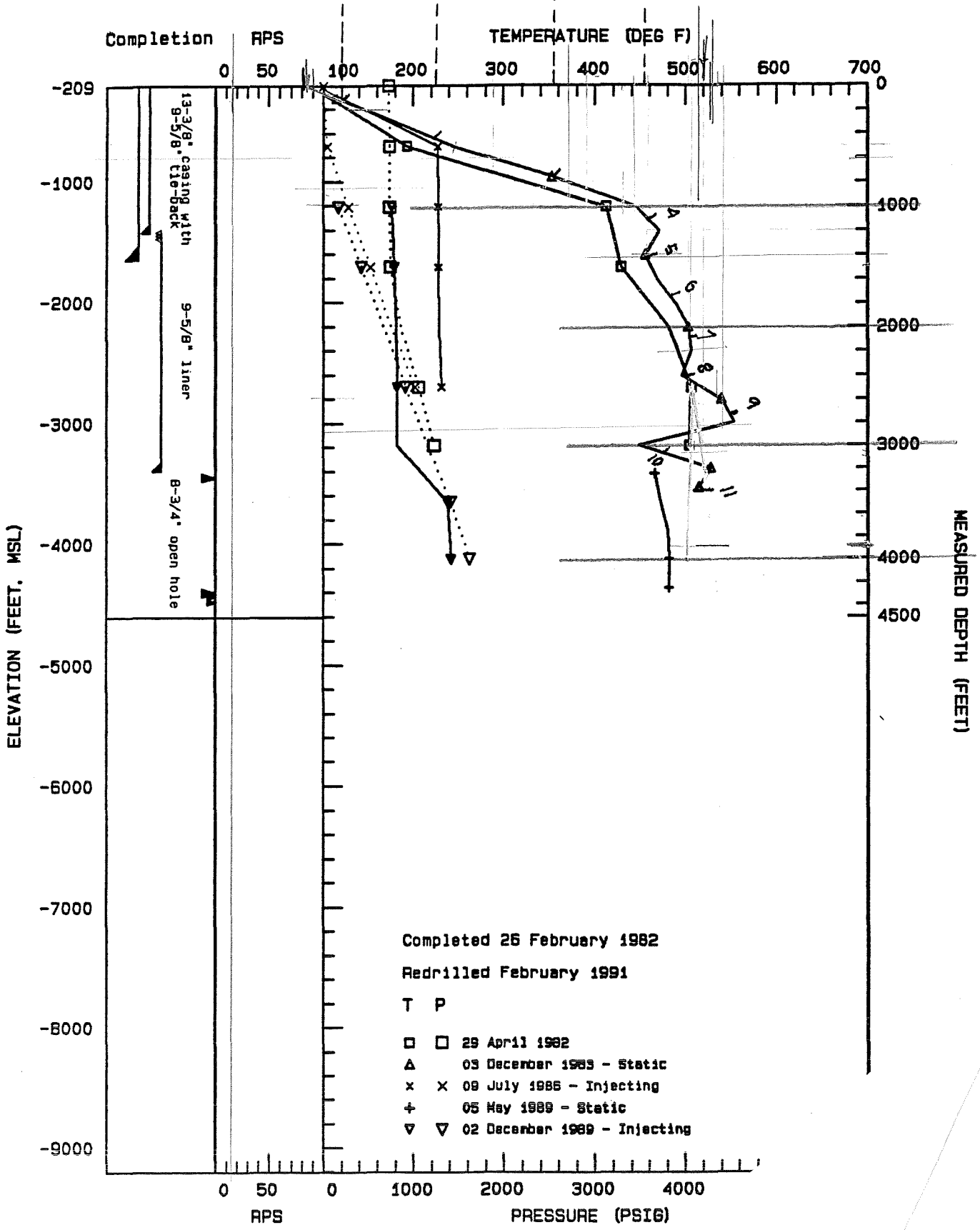
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-10



Geotherm

08-08-1994 A.T.

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-11 OH



Completed 26 February 1982

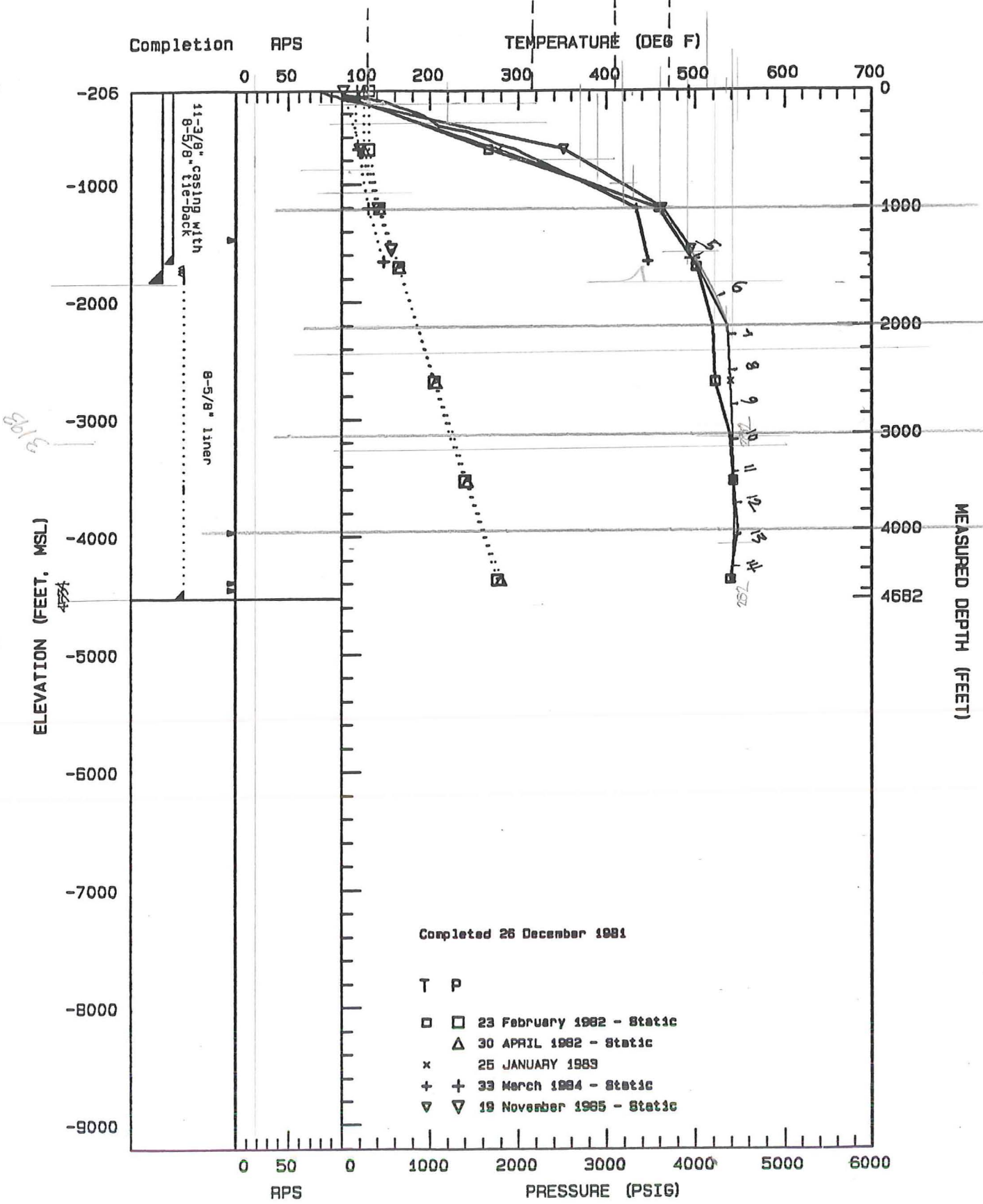
Redrilled February 1991

T P

- 29 April 1982
- △ 03 December 1983 - Static
- x 09 July 1986 - Injecting
- + 05 May 1989 - Static
- ▽ 02 December 1989 - Injecting

Geotherml

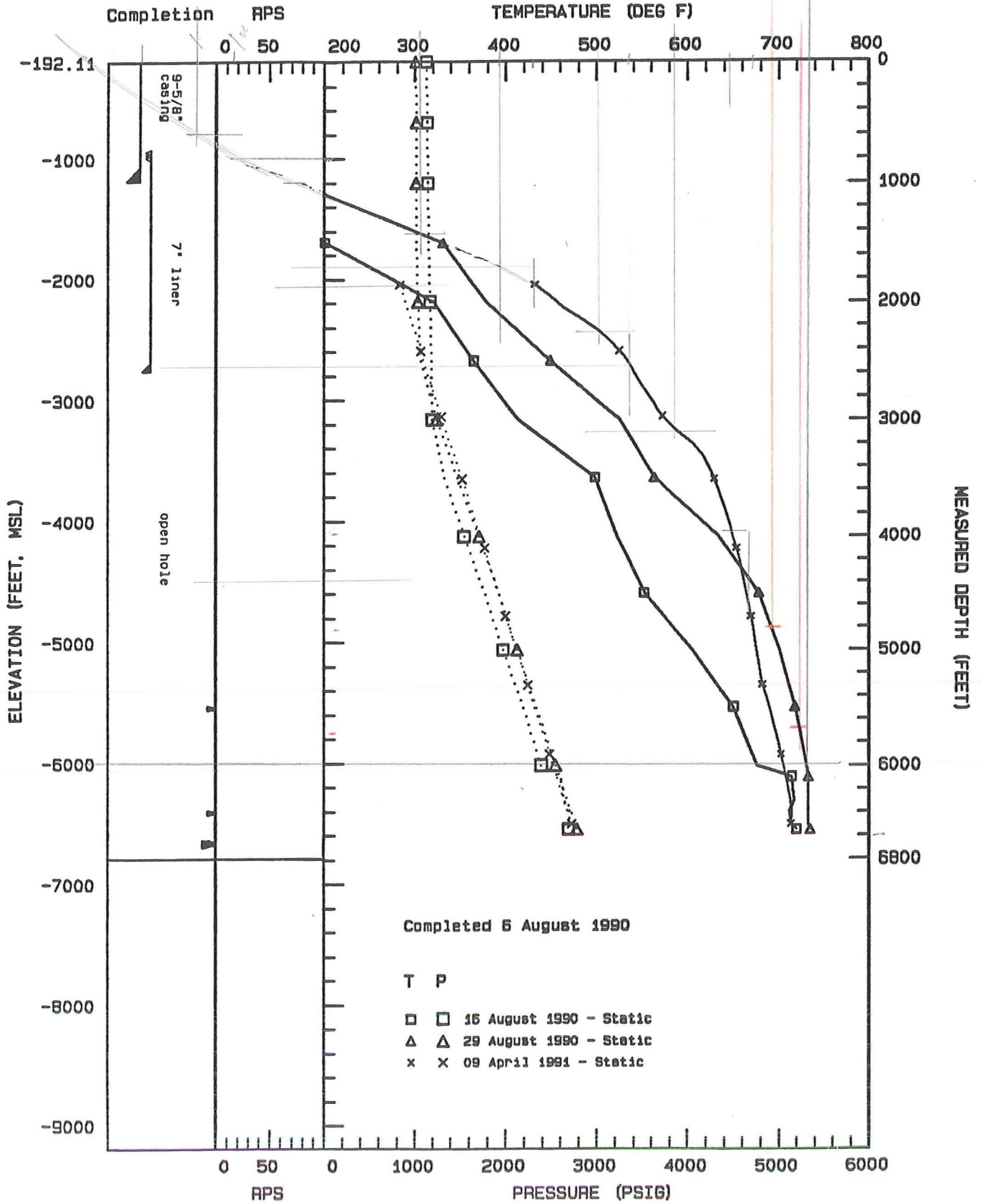
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-12 ST1



GeothermEx, Inc.

09-20-1994 A: TP820223.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-14

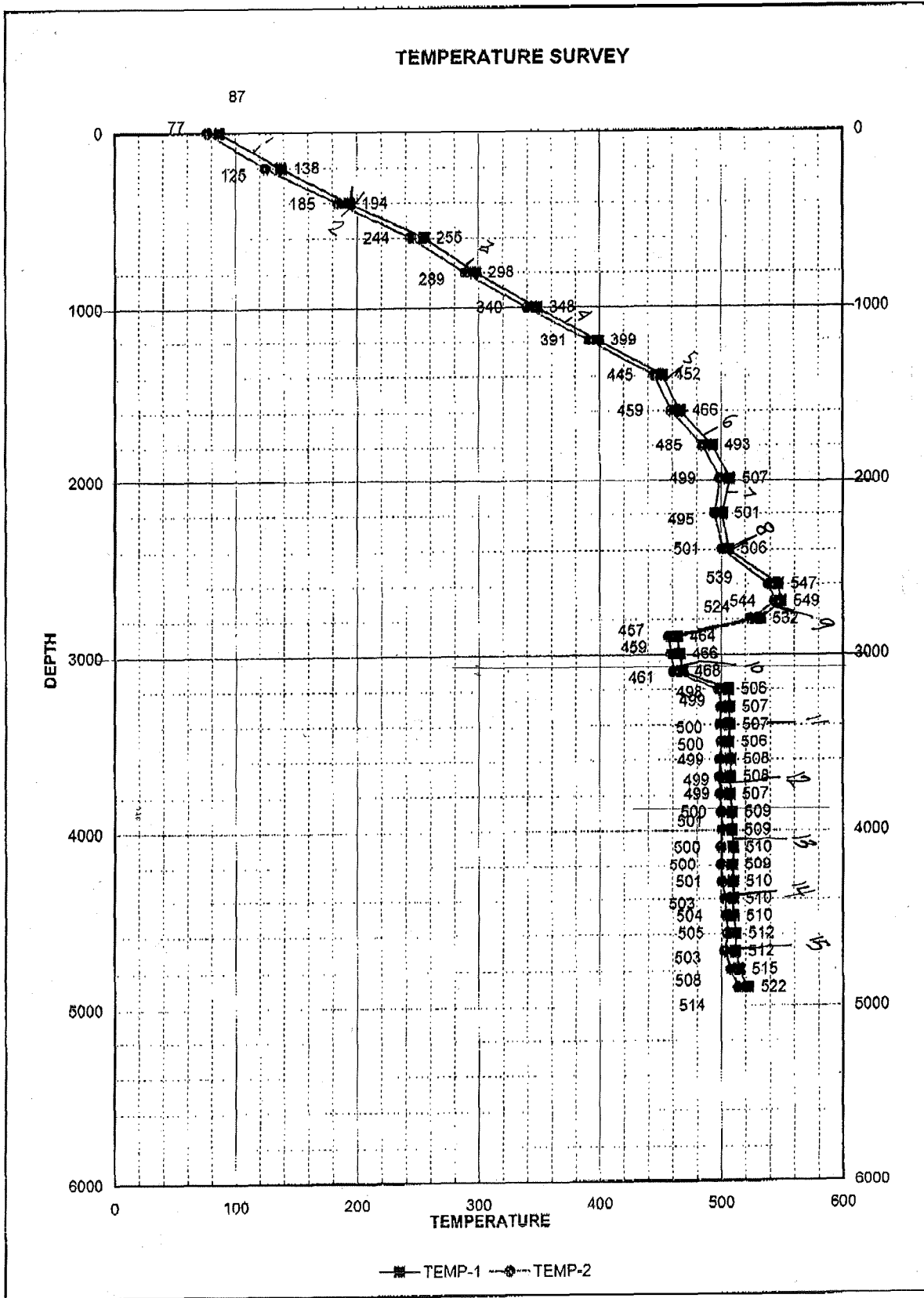


GeothermEx, Inc.

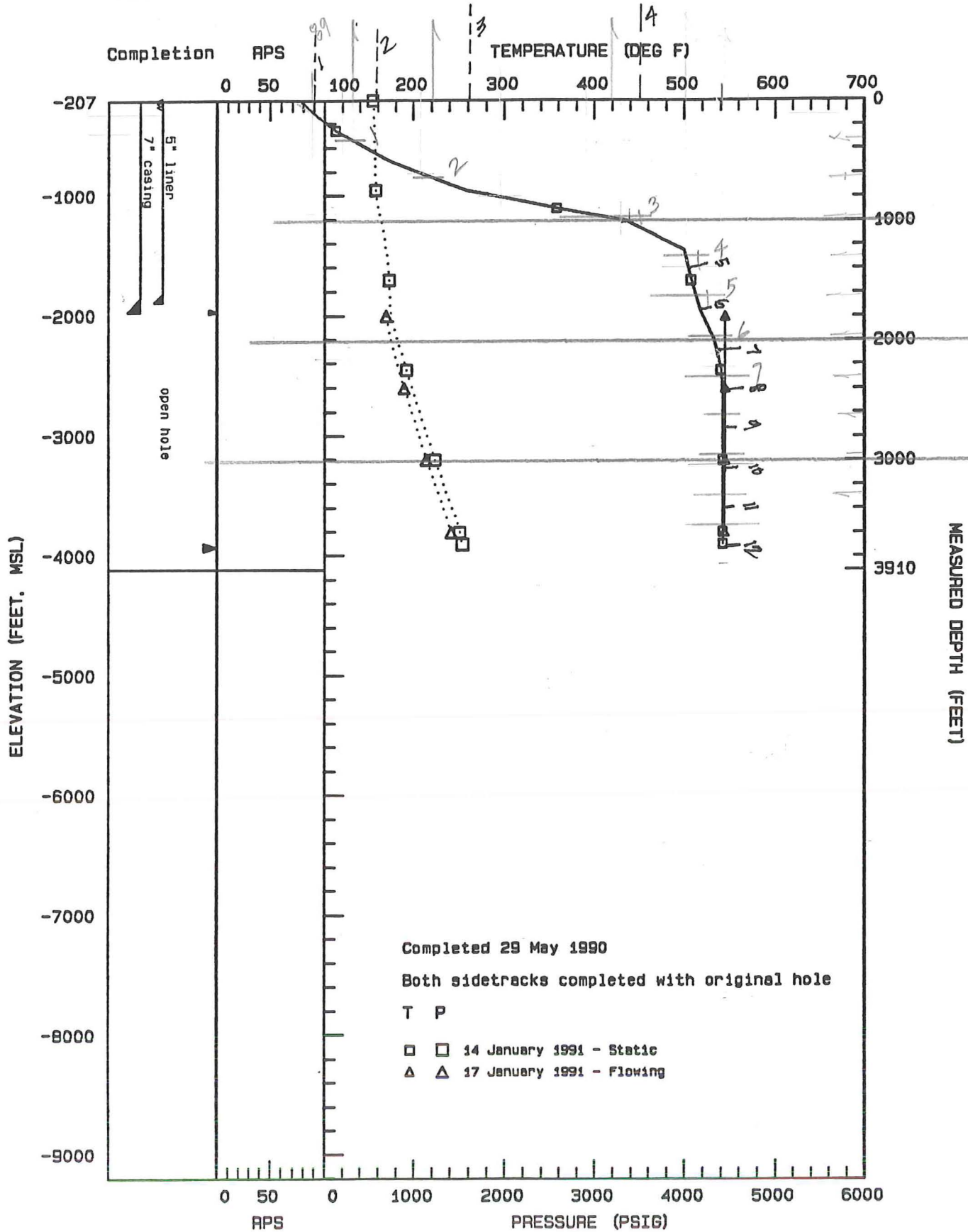
09-05-1994 A: TP900816.PLT

TEMP

11D-16



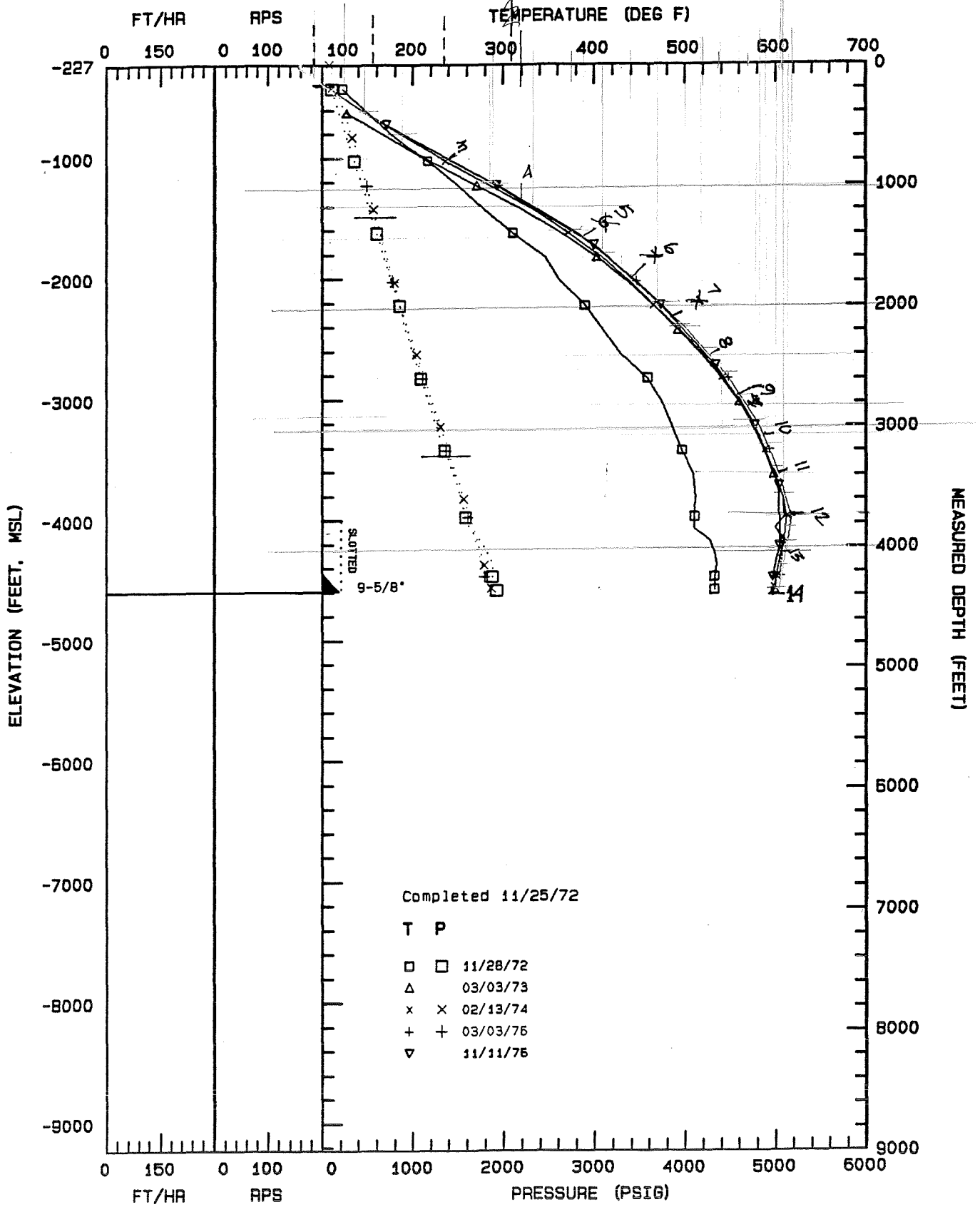
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL IID-30 ST2



GeothermEx, Inc.

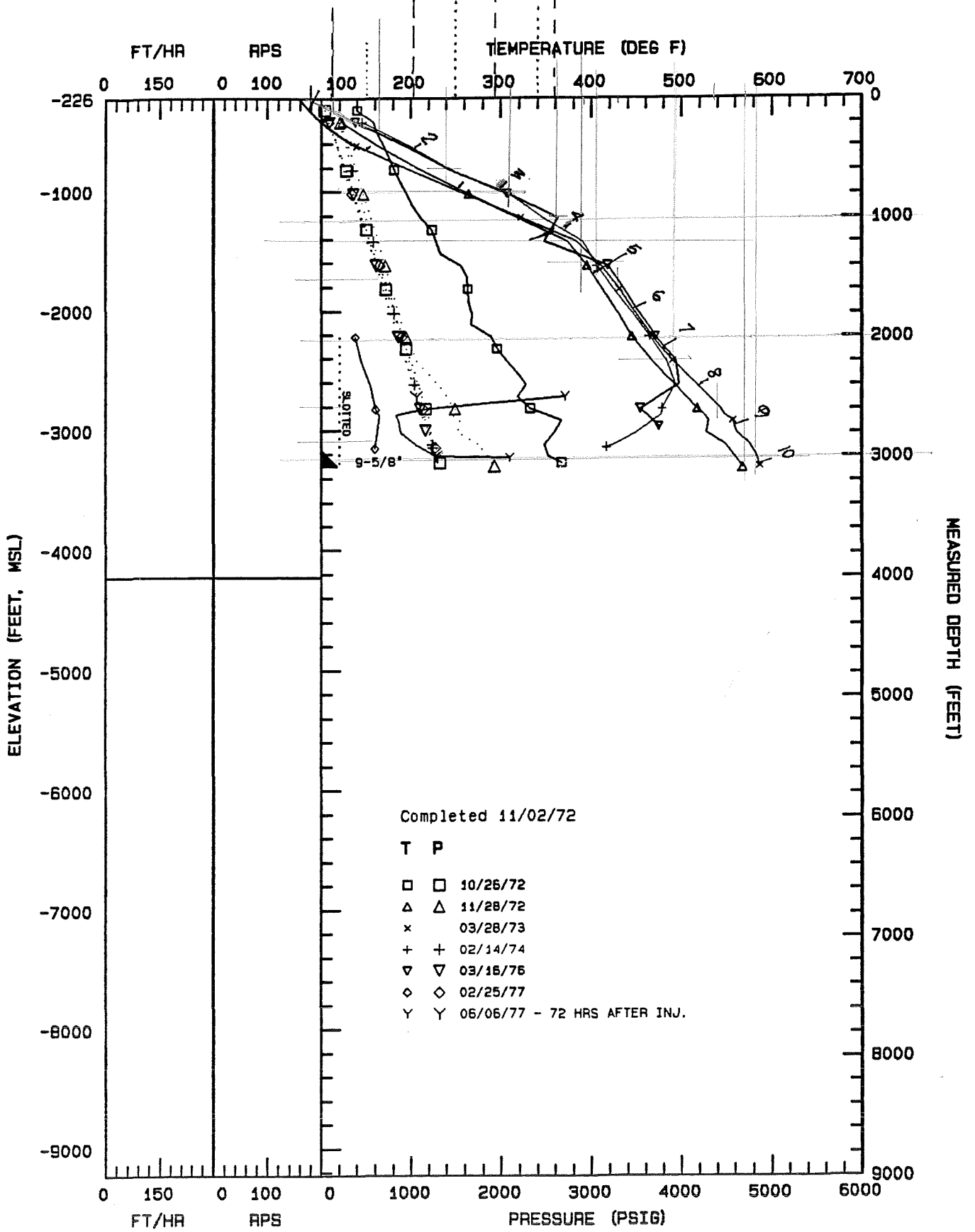
09-06-1994 A: TP810114.PLT

MAGMA 2 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

MAGMA 3 - DOWNHOLE SUMMARY PLOT

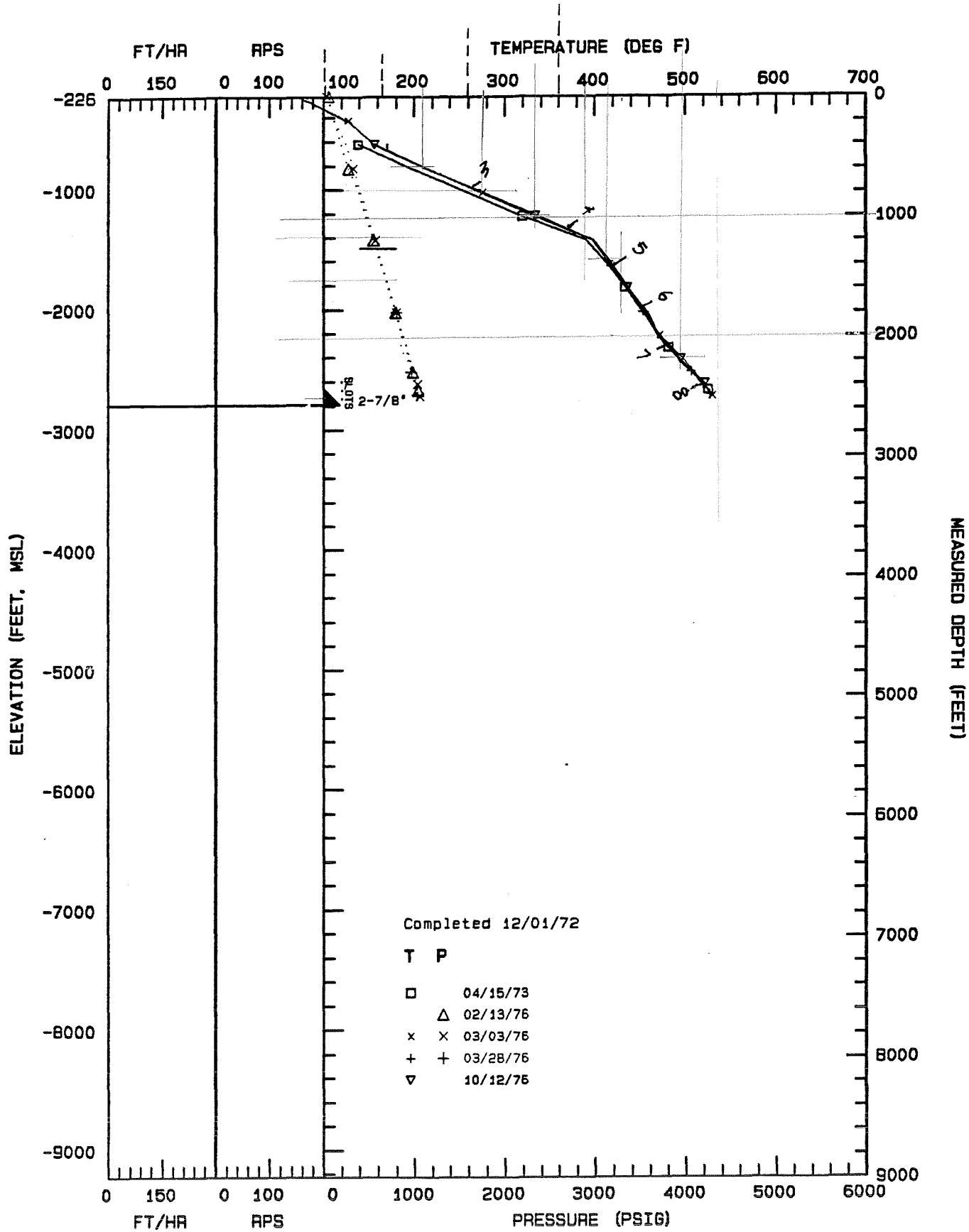


Completed 11/02/72

- T P
- □ 10/26/72
 - △ △ 11/28/72
 - x x 03/28/73
 - + + 02/14/74
 - ▽ ▽ 03/16/76
 - ◇ ◇ 02/25/77
 - Y Y 06/06/77 - 72 HRS AFTER INJ.

GeothermEx, Inc.

MAGMA 4 - DOWNHOLE SUMMARY PLOT



Completed 12/01/72

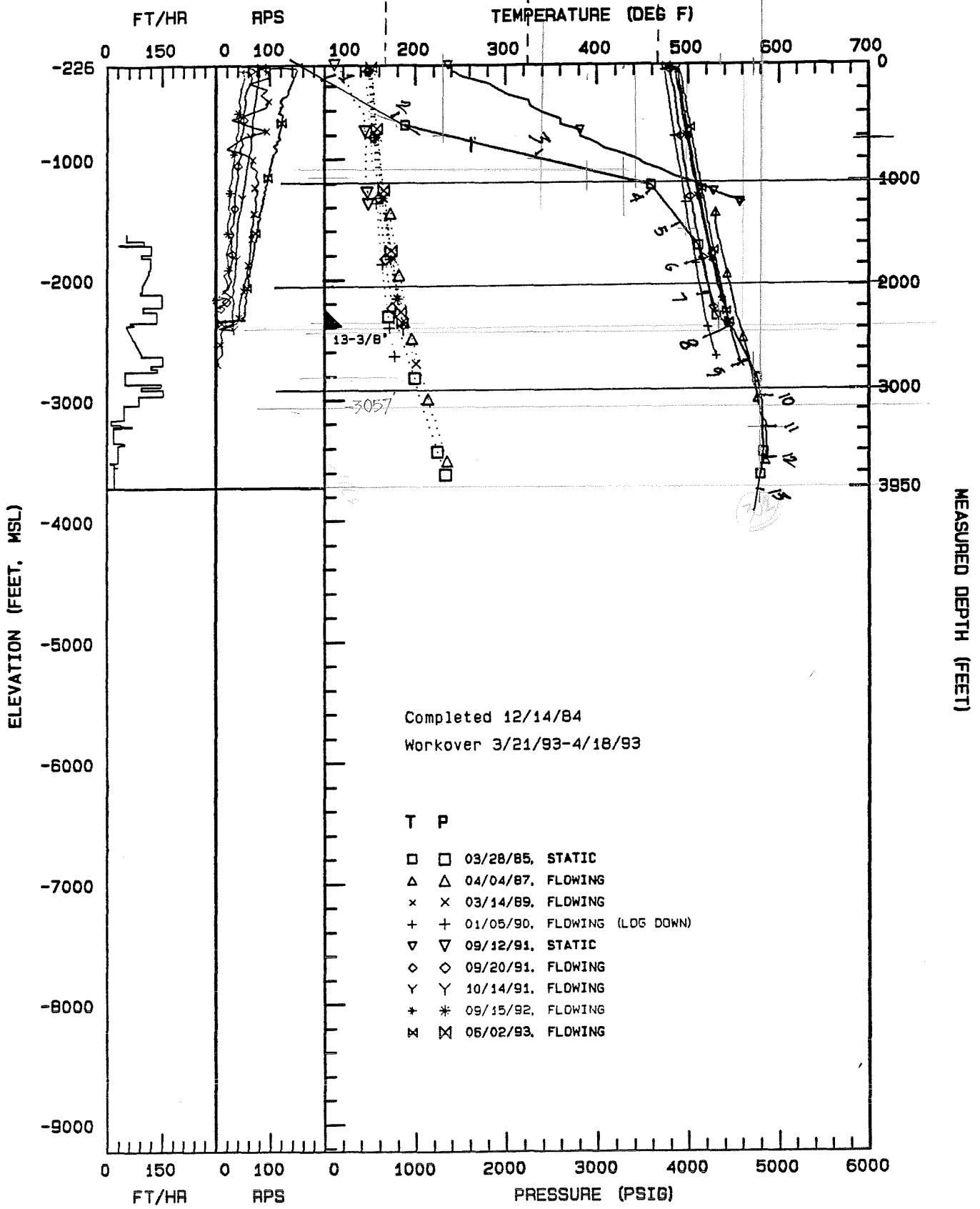
T P

□ 04/15/73
 Δ 02/13/76
 x 03/03/76
 + 03/28/76
 ▽ 10/12/76

GeothermEx, Inc.

12-19-1994 A: T041573.PLT

MAGMA 5 - DOWNHOLE SUMMARY PLOT



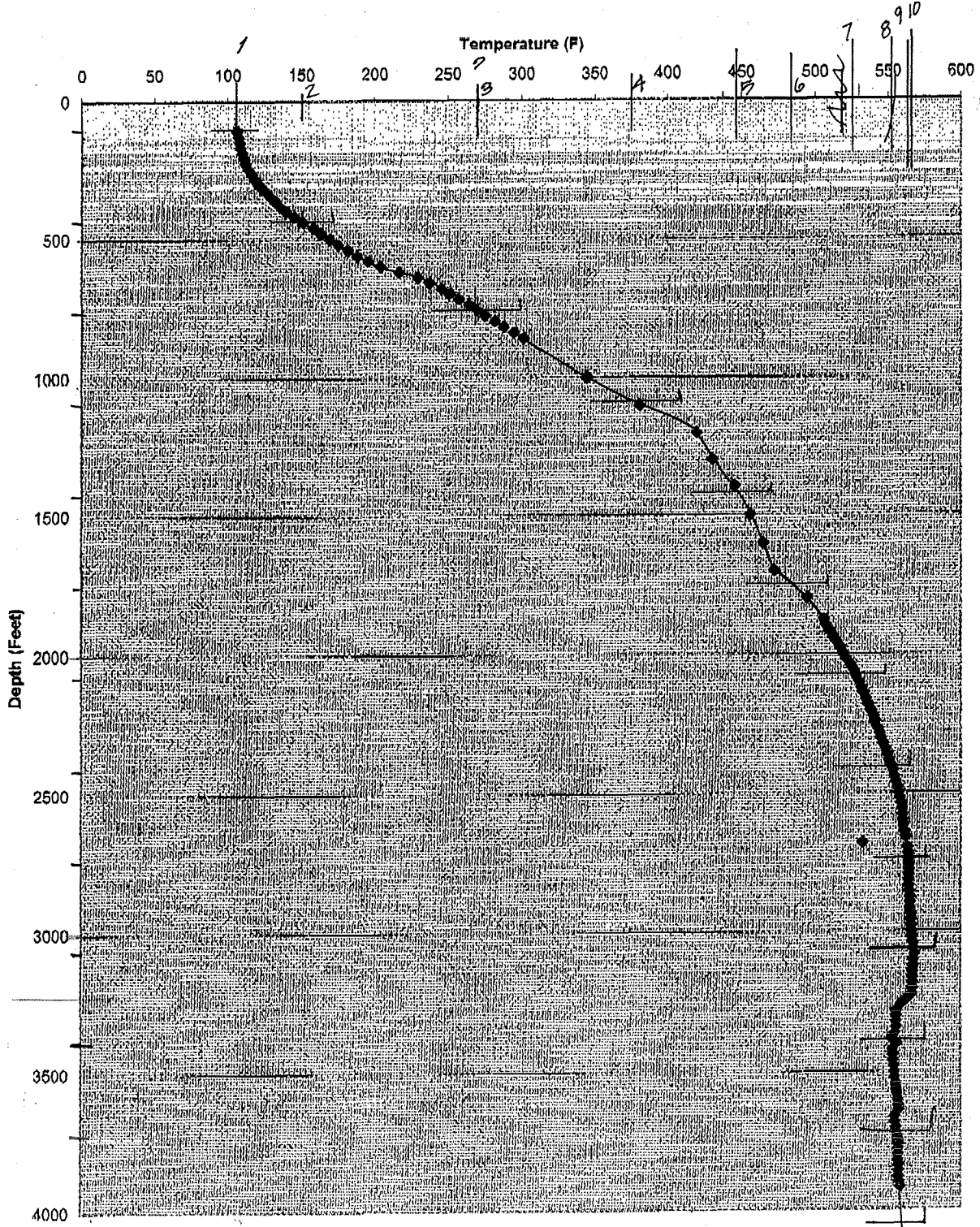
Completed 12/14/84
 Workover 3/21/93-4/18/93

T P

□	□	03/28/85, STATIC
△	△	04/04/87, FLOWING
×	×	03/14/89, FLOWING
+	+	01/05/90, FLOWING (LOG DOWN)
▽	▽	09/12/91, STATIC
◇	◇	09/20/91, FLOWING
Y	Y	10/14/91, FLOWING
*	*	09/15/92, FLOWING
⊠	⊠	06/02/93, FLOWING

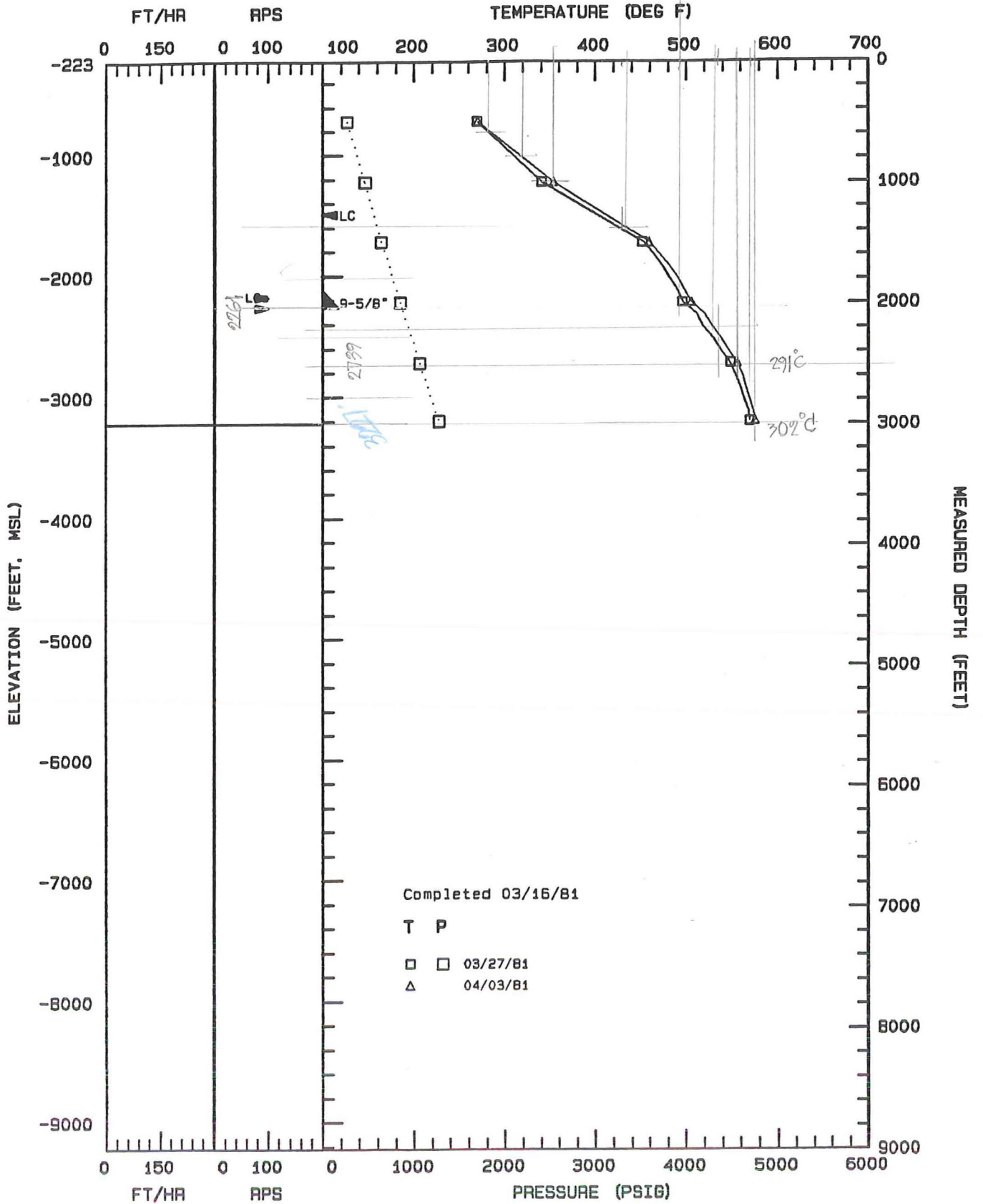
47.33

M-6B Static Temperature Survey 5/29/91



357 = A
89.25

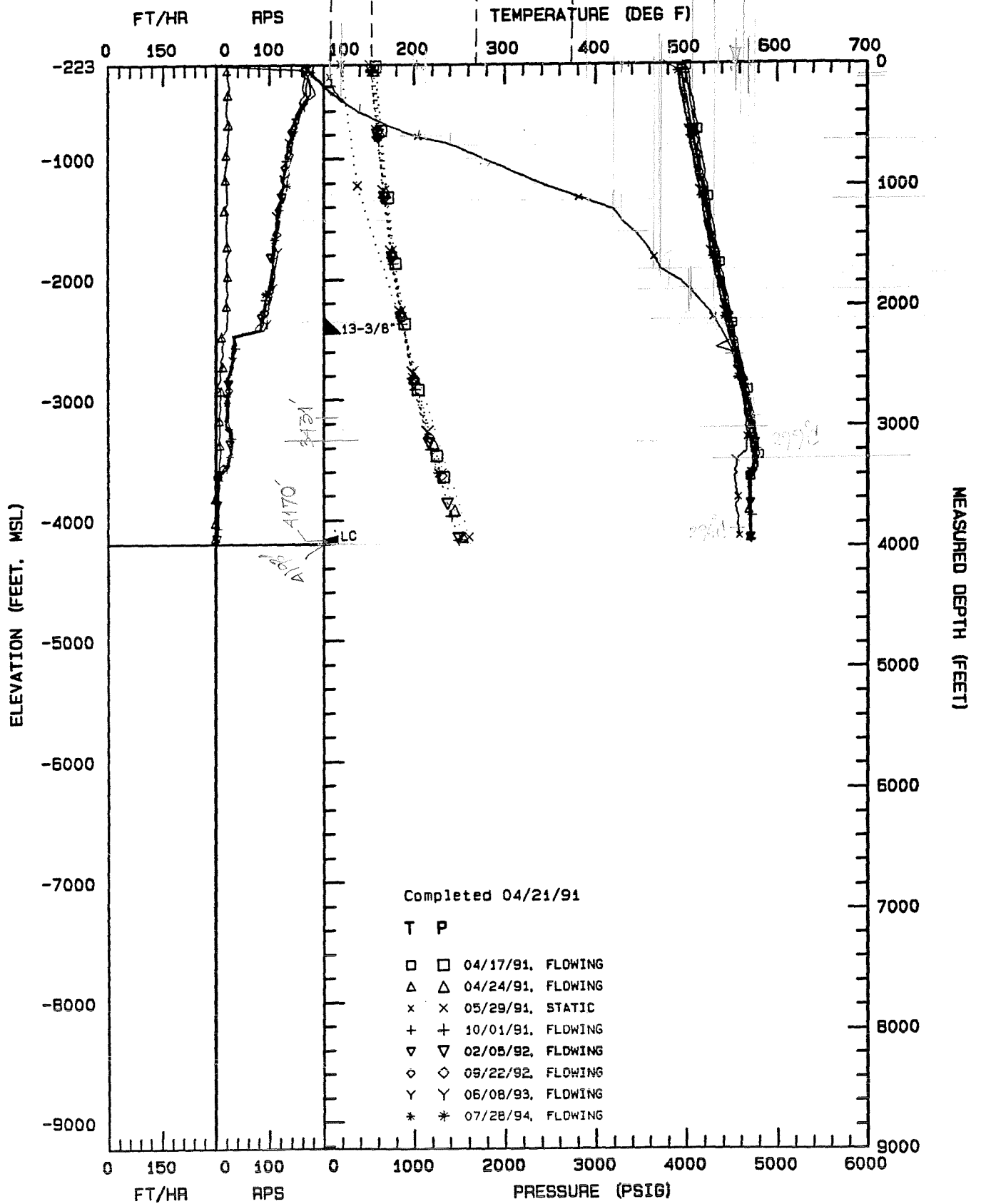
MAGMA 6 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

12-19-1984 A: TP032781.PLT

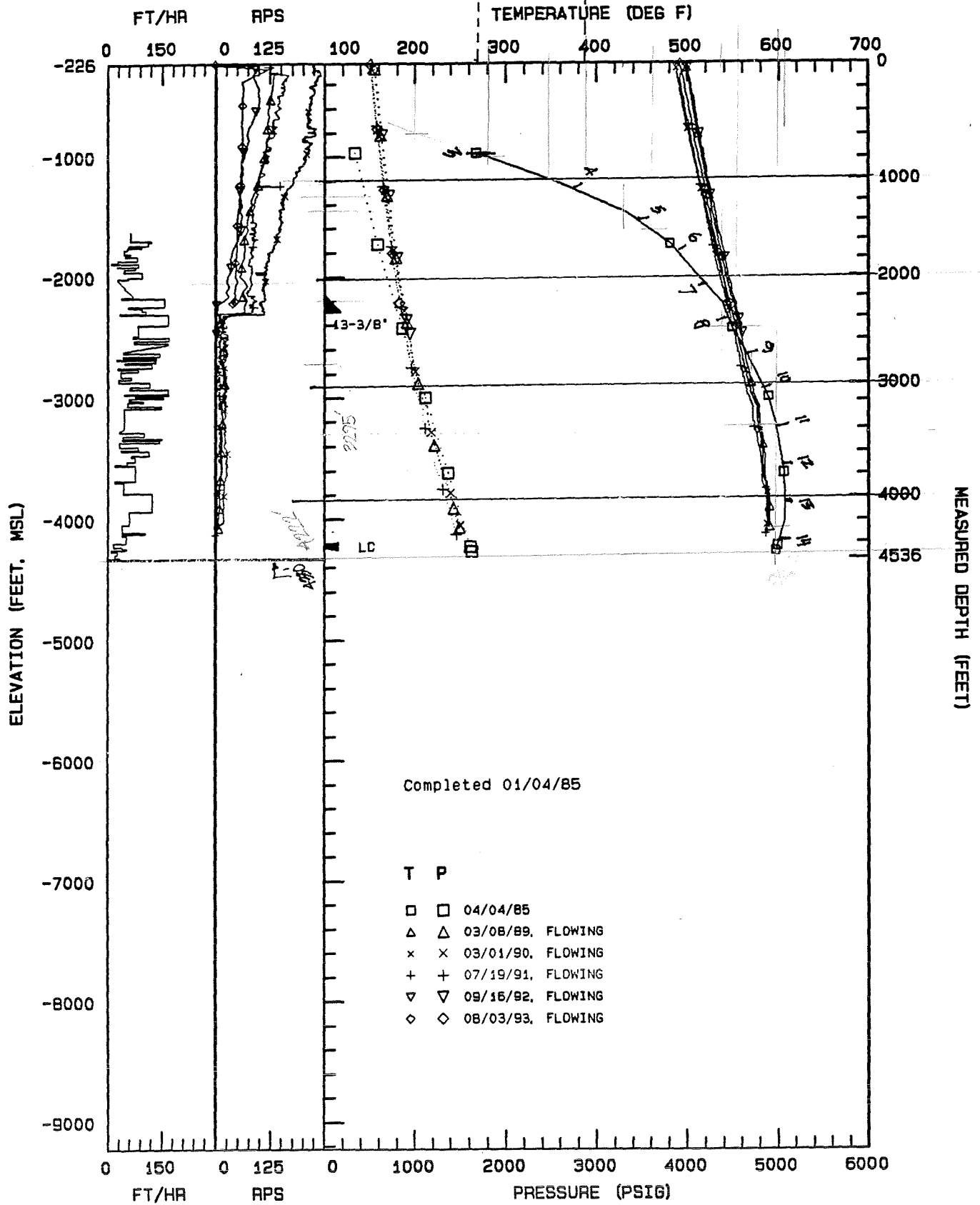
MAGMA 6B - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

12-19-1994 A: 6B0417B1.PLT

MAGMA 7 - DOWNHOLE SUMMARY PLOT

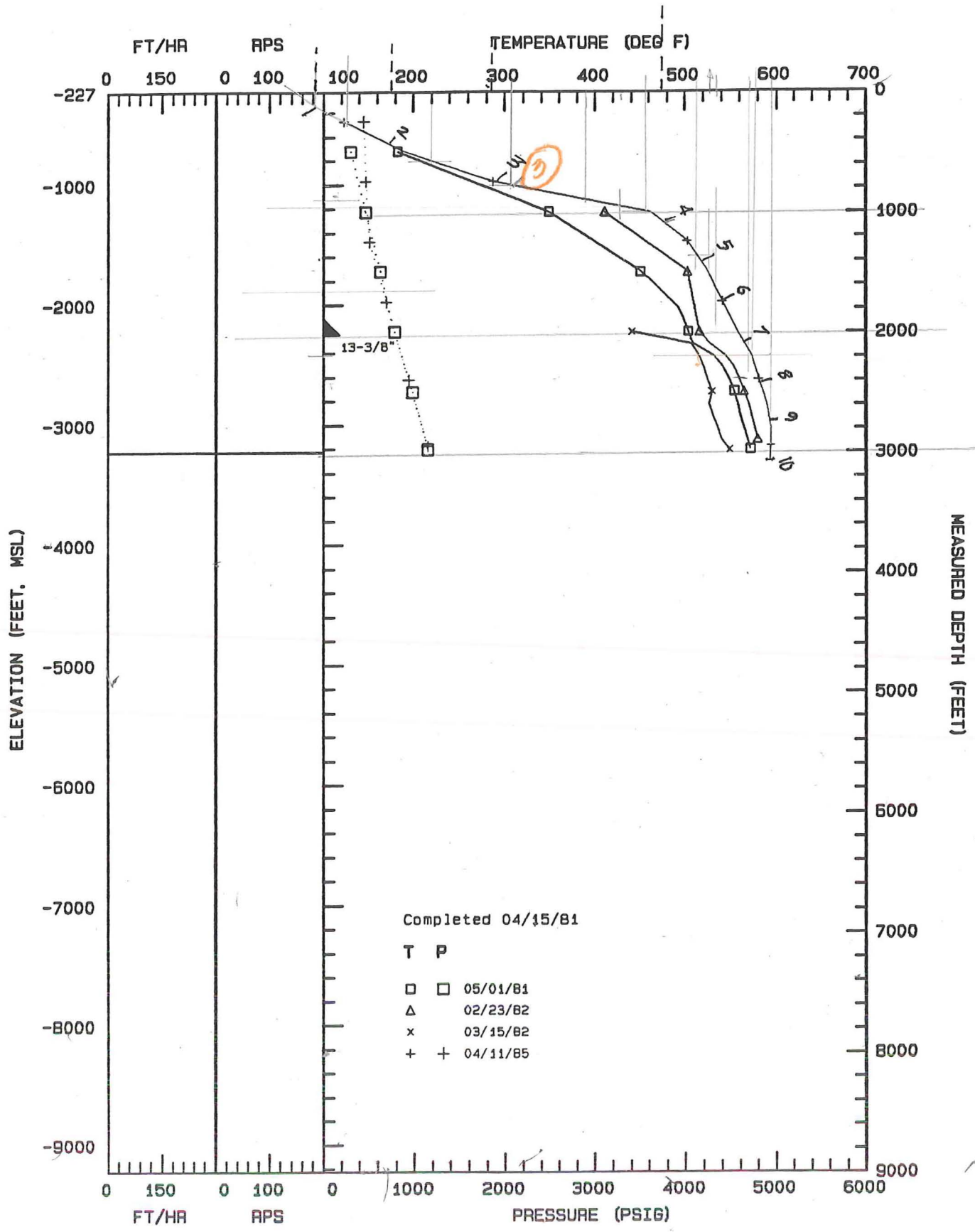


Completed 01/04/85

- | T | P | |
|---|---|-------------------|
| □ | □ | 04/04/85 |
| △ | △ | 03/08/89, FLOWING |
| × | × | 03/01/90, FLOWING |
| + | + | 07/19/91, FLOWING |
| ▽ | ▽ | 09/16/92, FLOWING |
| ◇ | ◇ | 08/03/93, FLOWING |

GeothermEx, Inc.

MAGMA B - DOWNHOLE SUMMARY PLOT

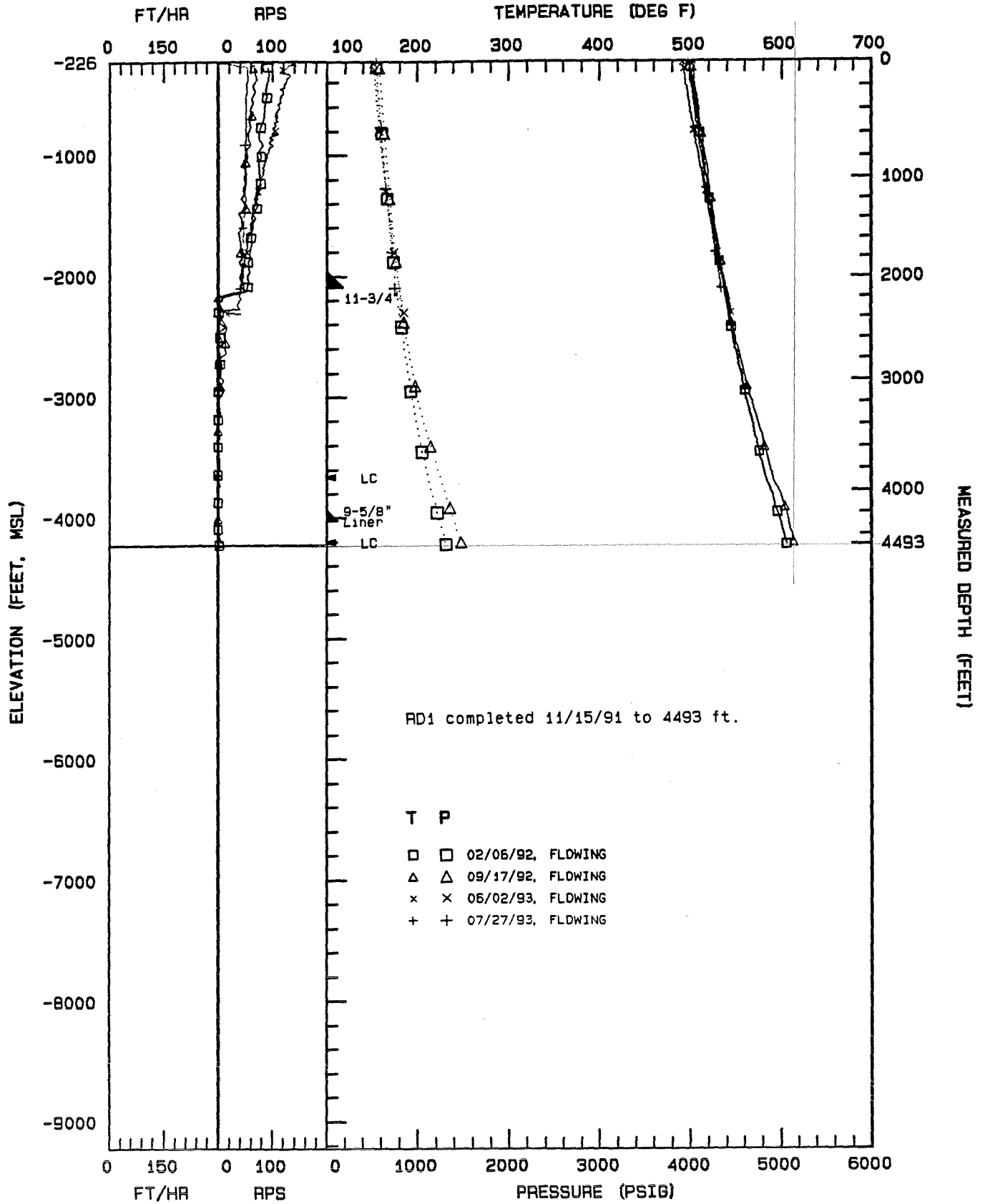


Completed 04/15/81

T P
 □ □ 05/01/81
 △ 02/23/82
 x 03/15/82
 + 04/11/85

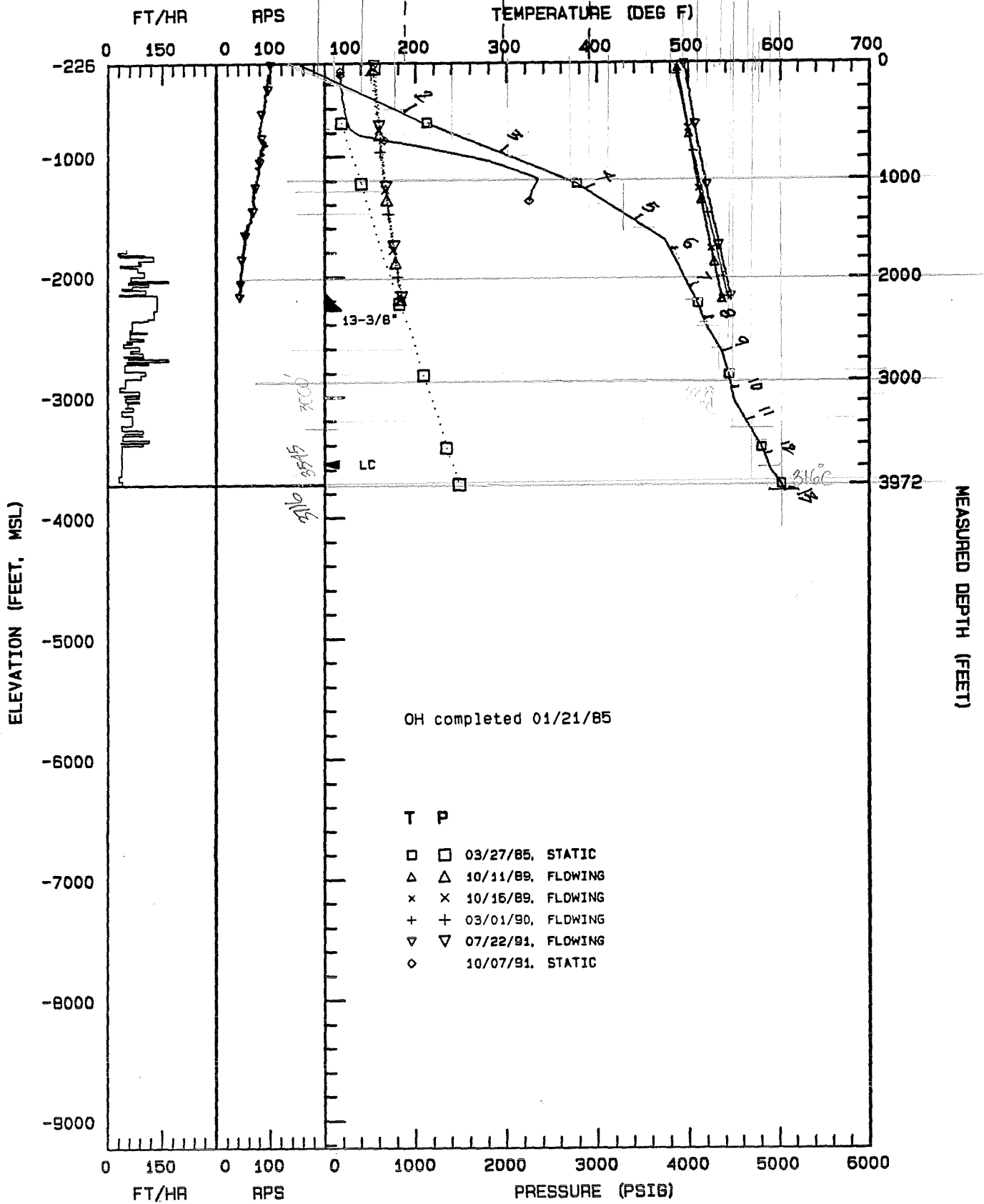
GeothermEx, Inc.

MAGMA 9 RD1 - DOWNHOLE SUMMARY PLOT



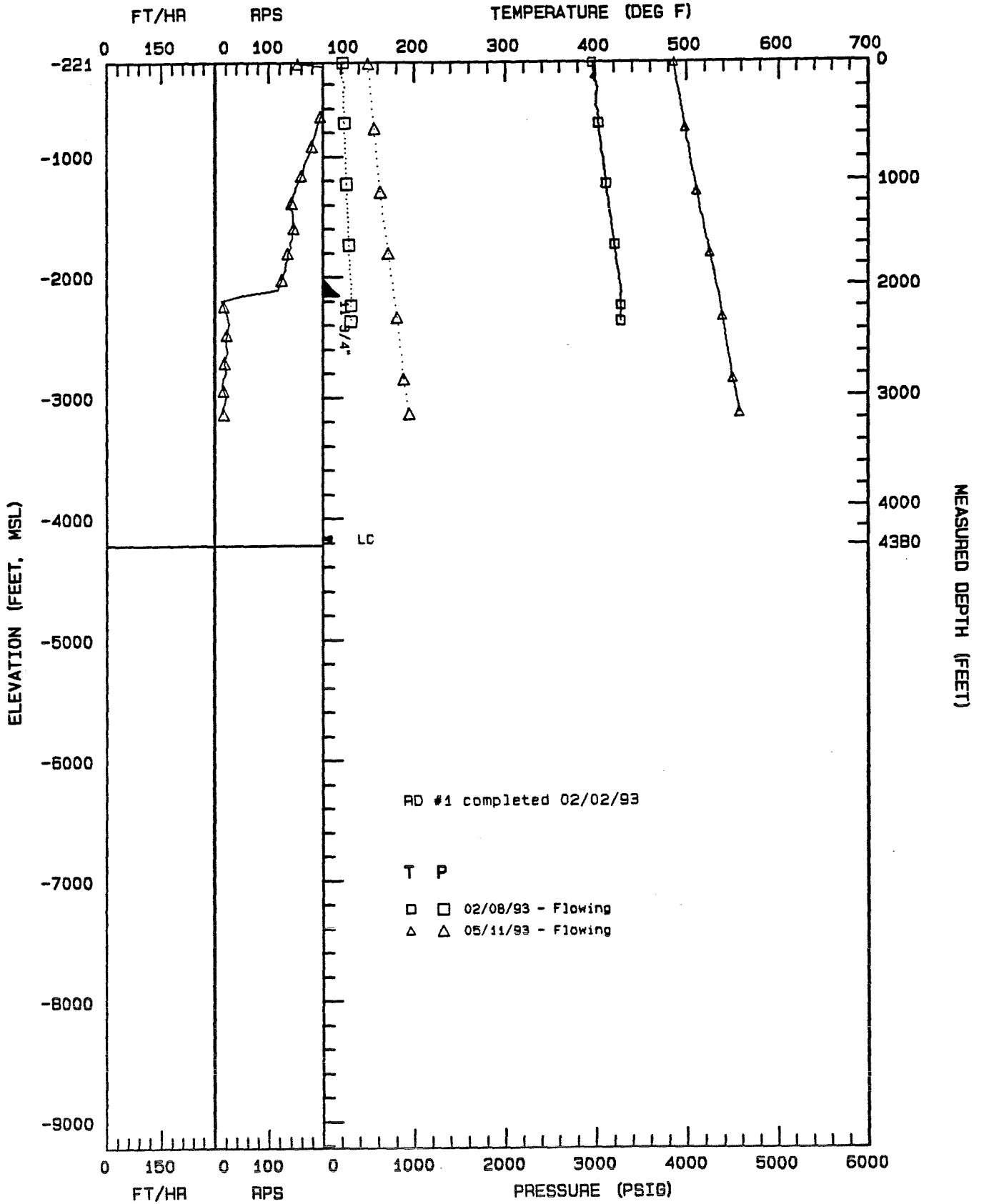
GeothermEx, Inc.

MAGMA 9 OH - DOWNHOLE SUMMARY PLOT

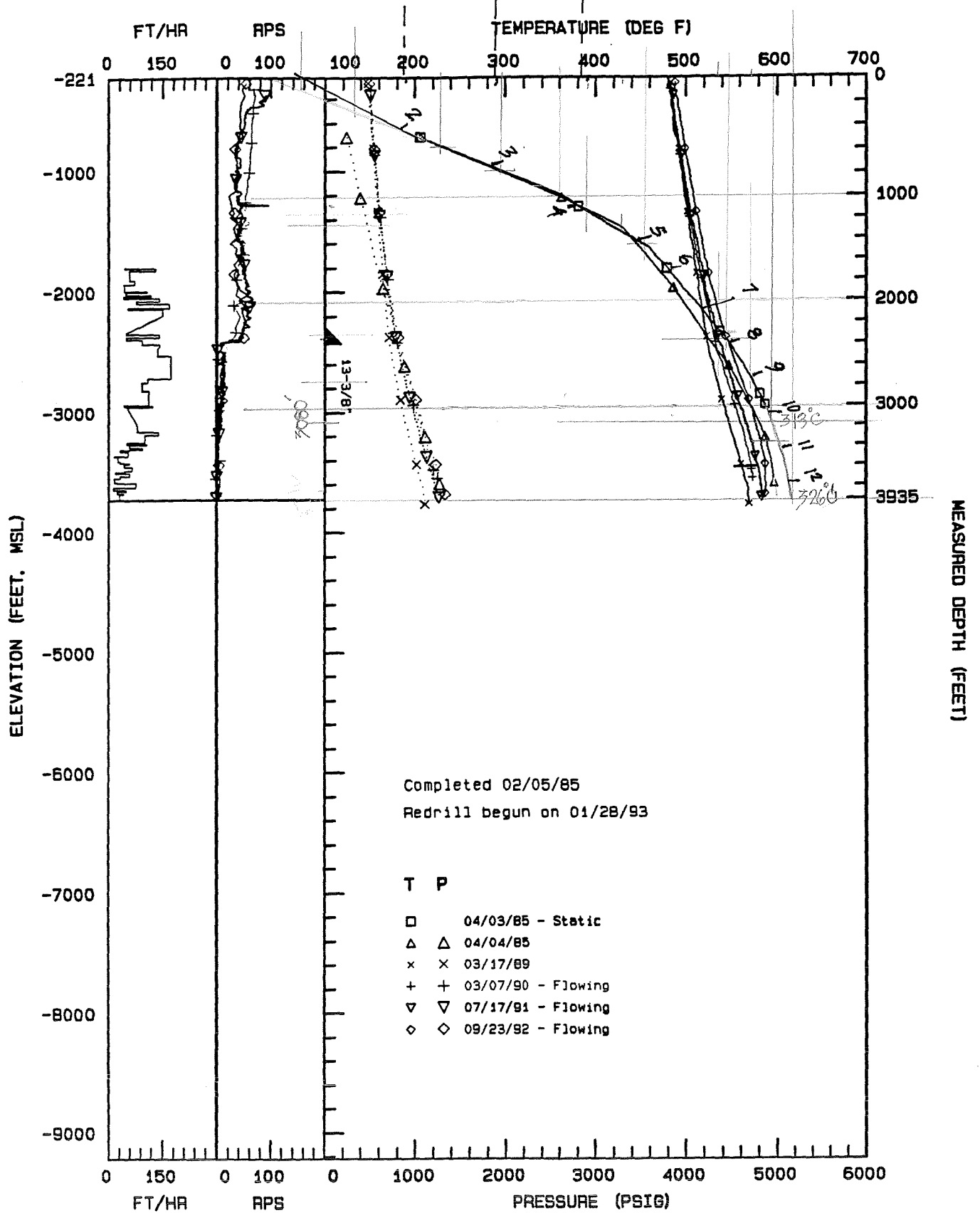


GeothermEx, Inc.

MAGMA 10 RD1 - DOWNHOLE SUMMARY PLOT

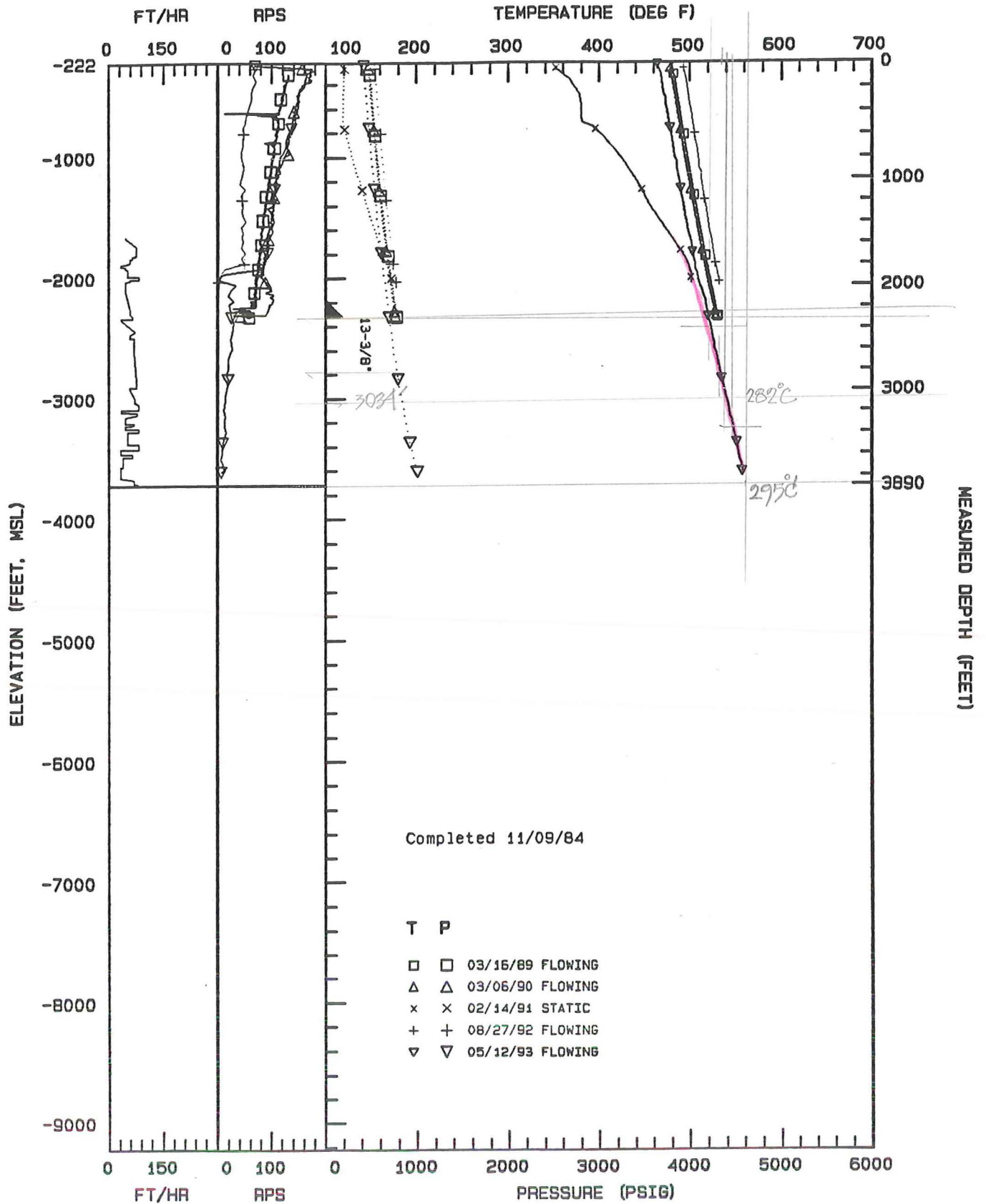


MAGMA 10 OH - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

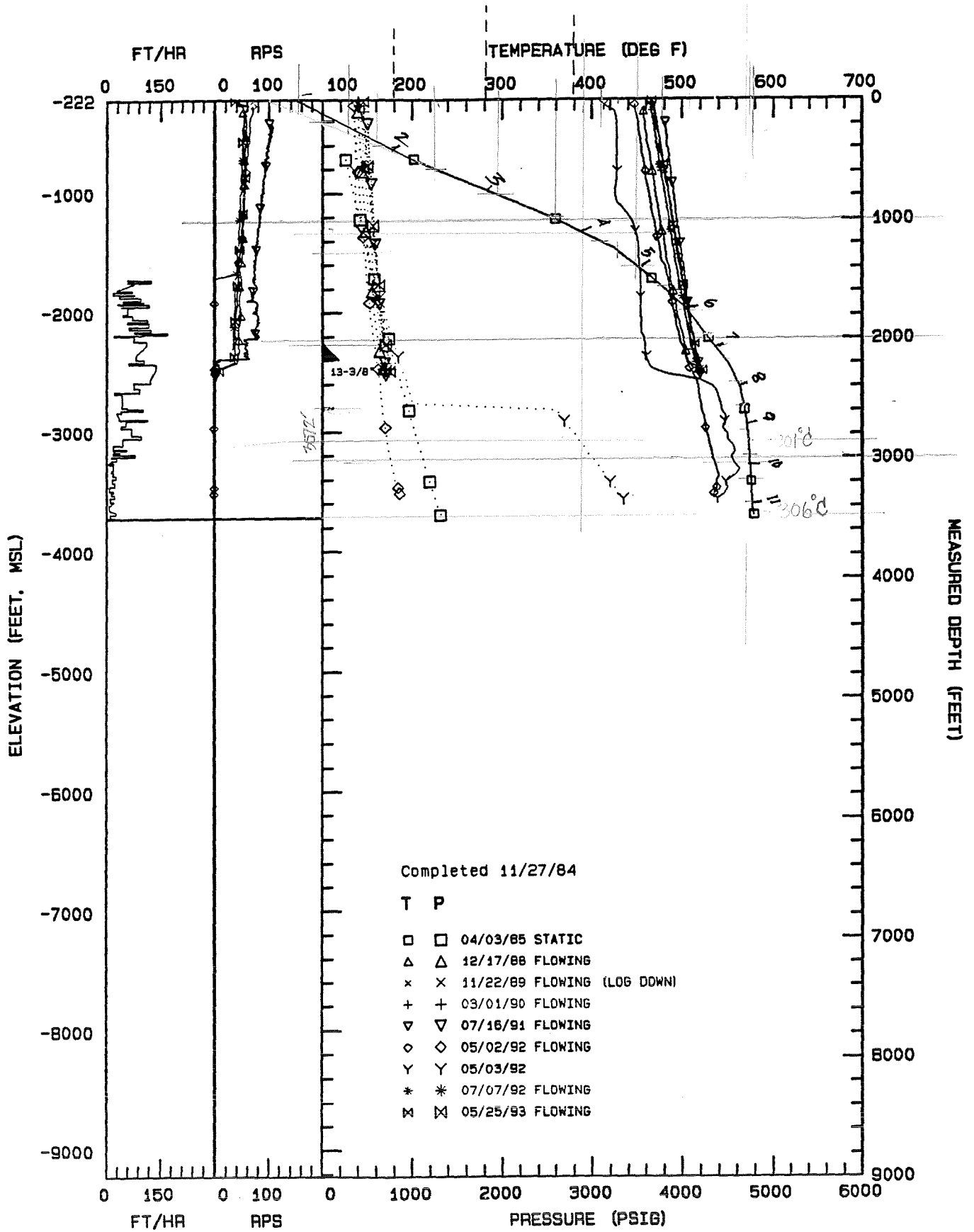
MAGMA 12 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

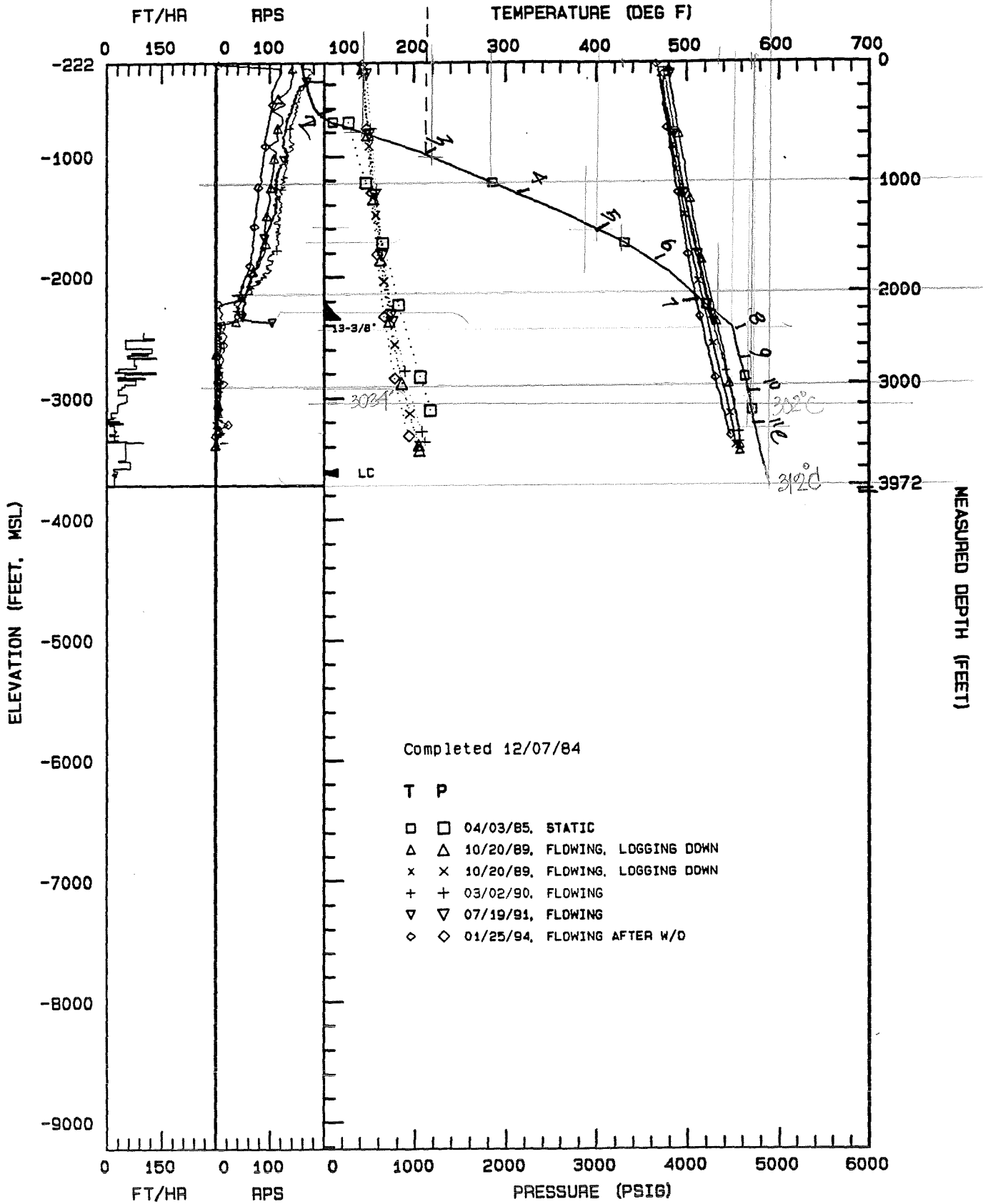
12-16-1994 A: M12TPS89.PLT

MAGMA 11 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

MAGMA 13 - DOWNHOLE SUMMARY PLOT



Completed 12/07/84

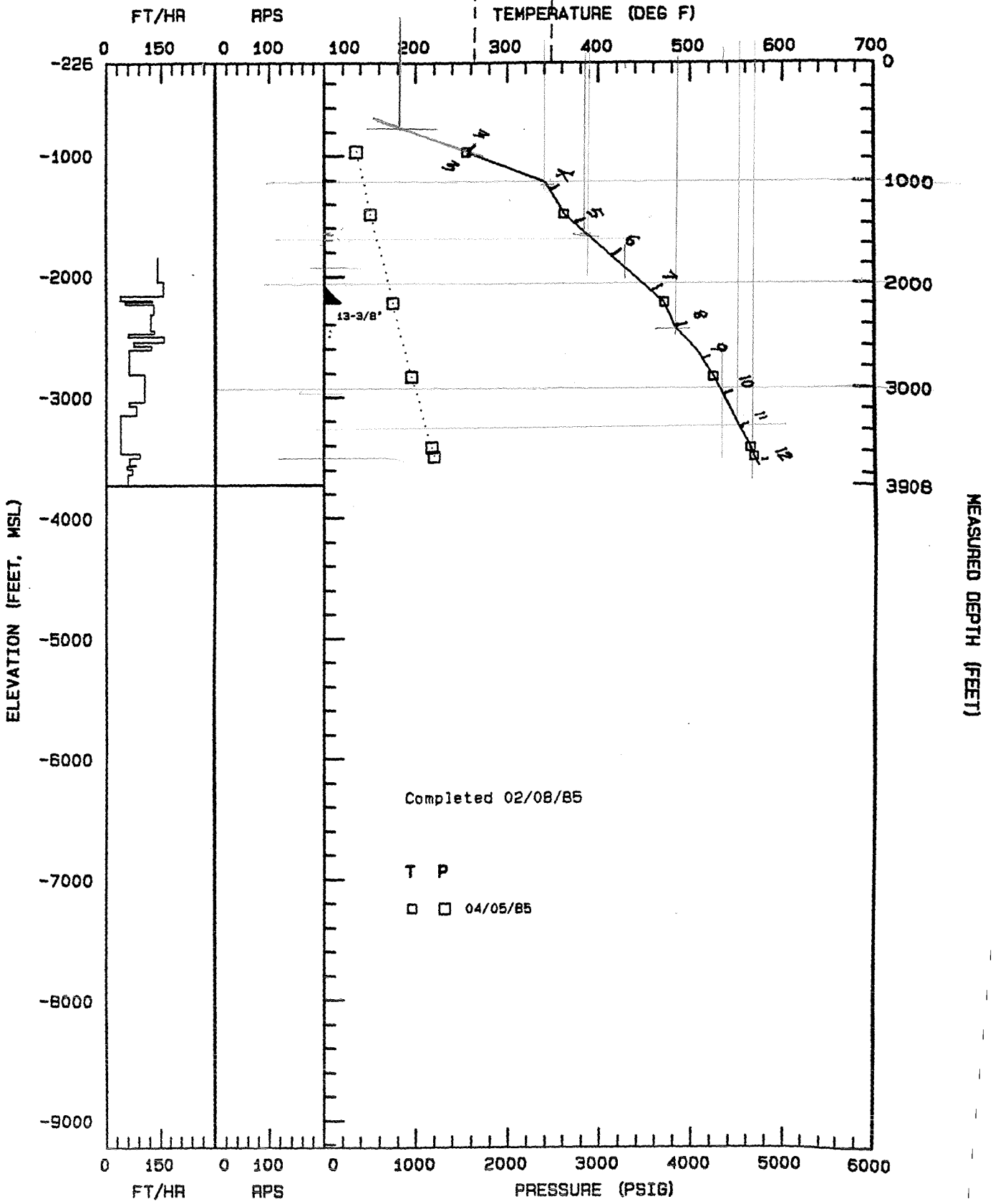
T P

- □ 04/03/85, STATIC
- △ △ 10/20/89, FLOWING, LOGGING DOWN
- × × 10/20/89, FLOWING, LOGGING DOWN
- + + 03/02/90, FLOWING
- ▽ ▽ 07/19/91, FLOWING
- ◇ ◇ 01/25/94, FLOWING AFTER W/O

GeothermEx, Inc.

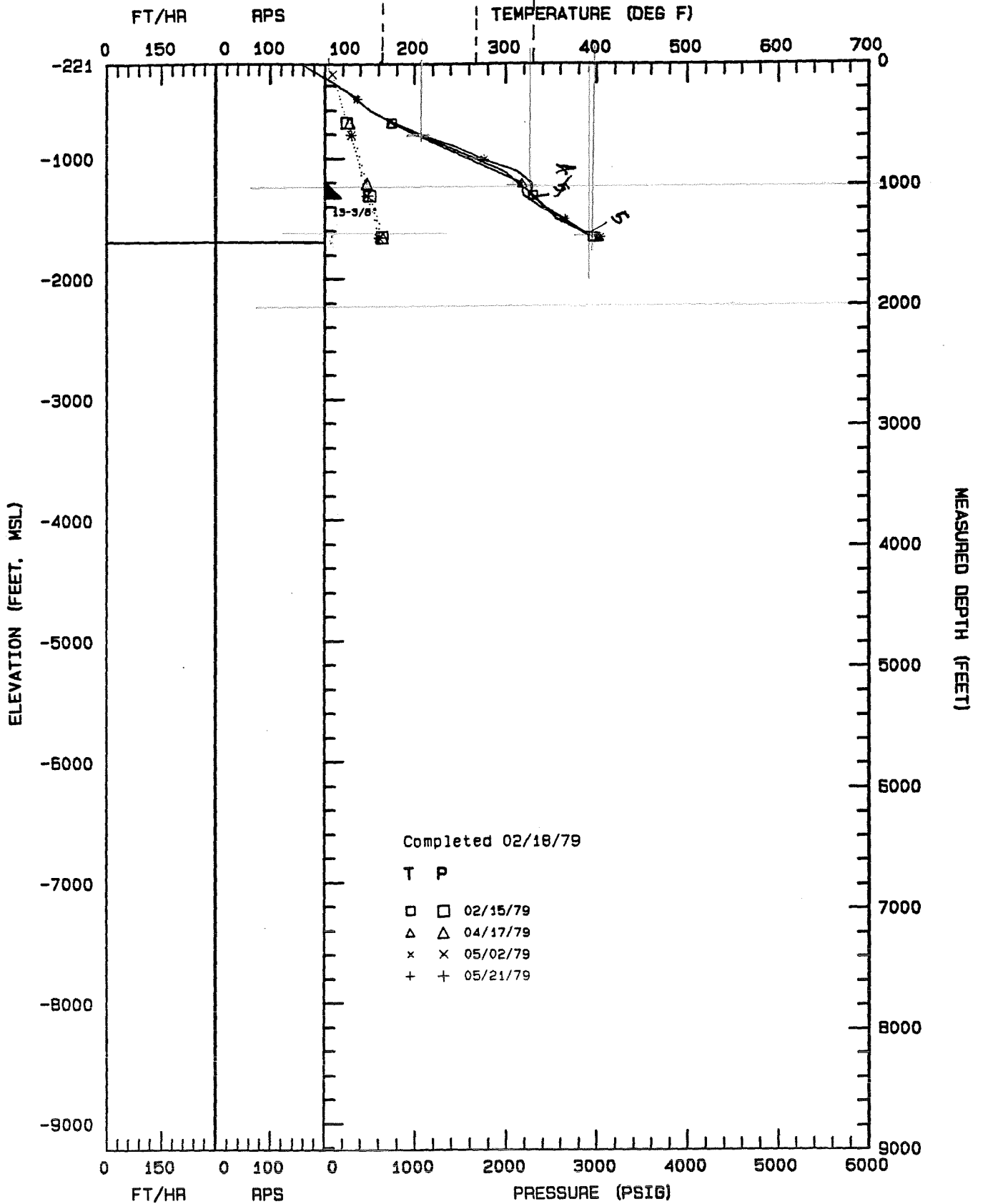
12-19-1994 A: TP040386.PLT

MAGMA IW-4 - DOWNHOLE SUMMARY PLOT



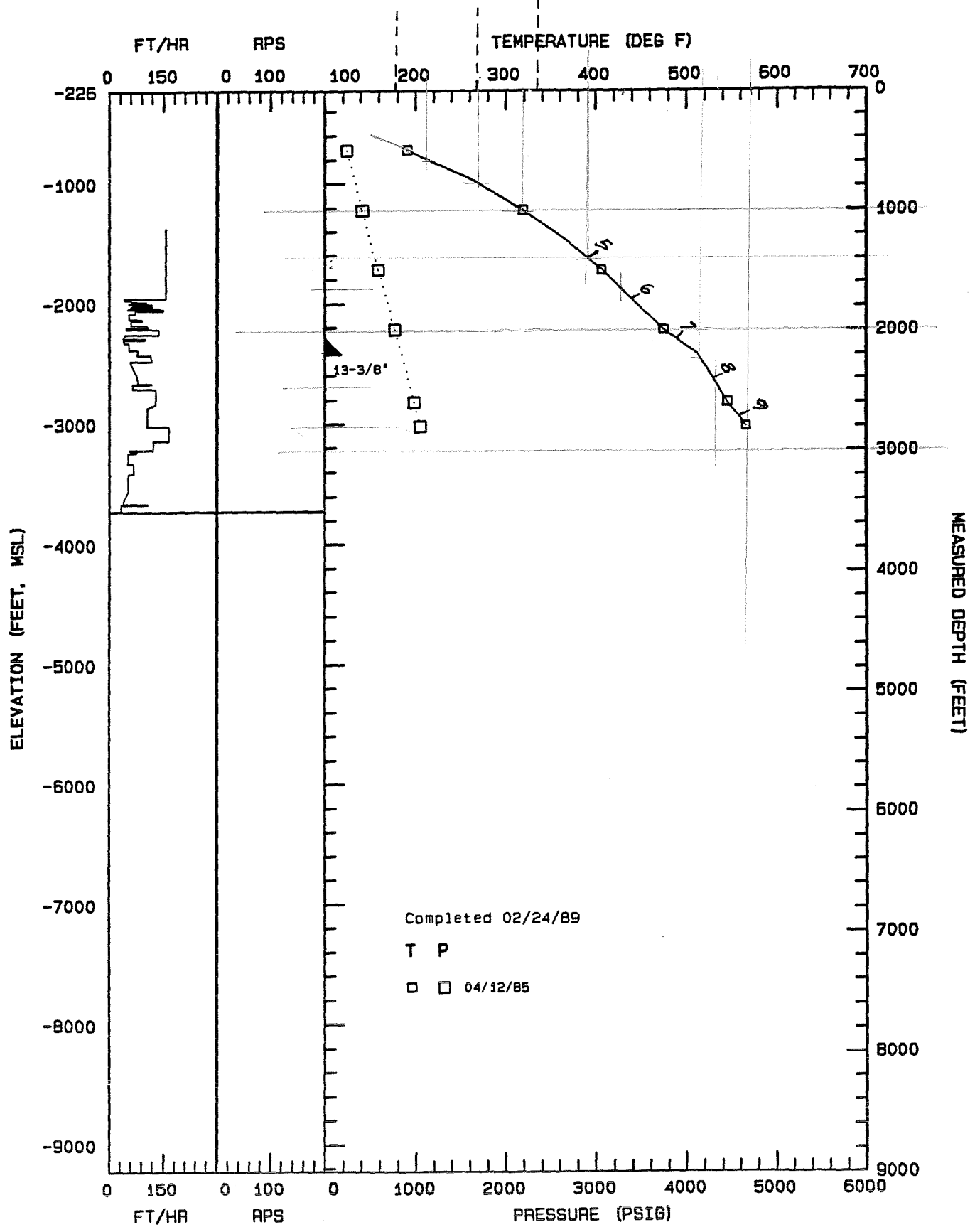
Completed 02/08/85

MAGMA IW-5 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

MAGMA IW-6 - DOWNHOLE SUMMARY PLOT

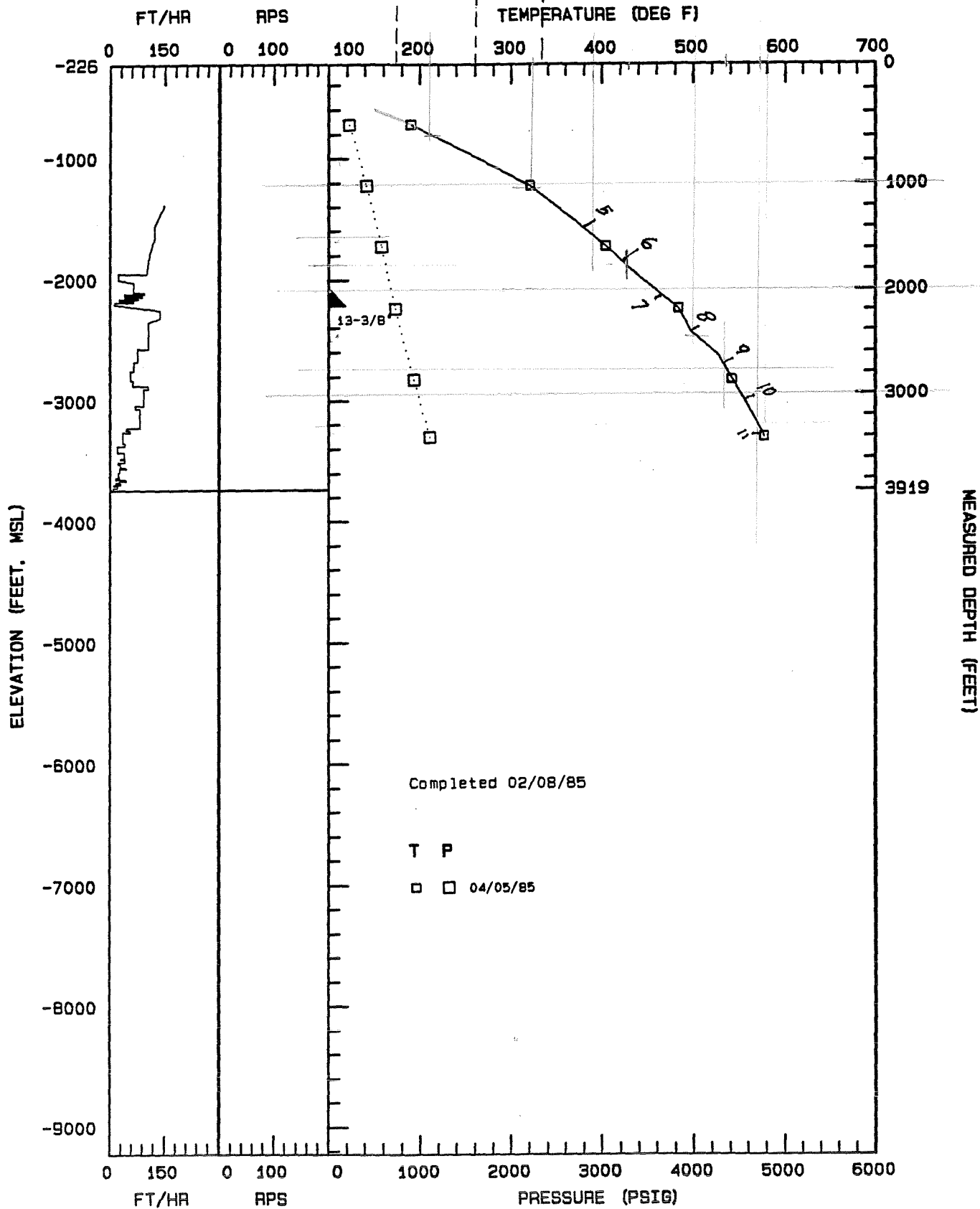


Completed 02/24/89

T P

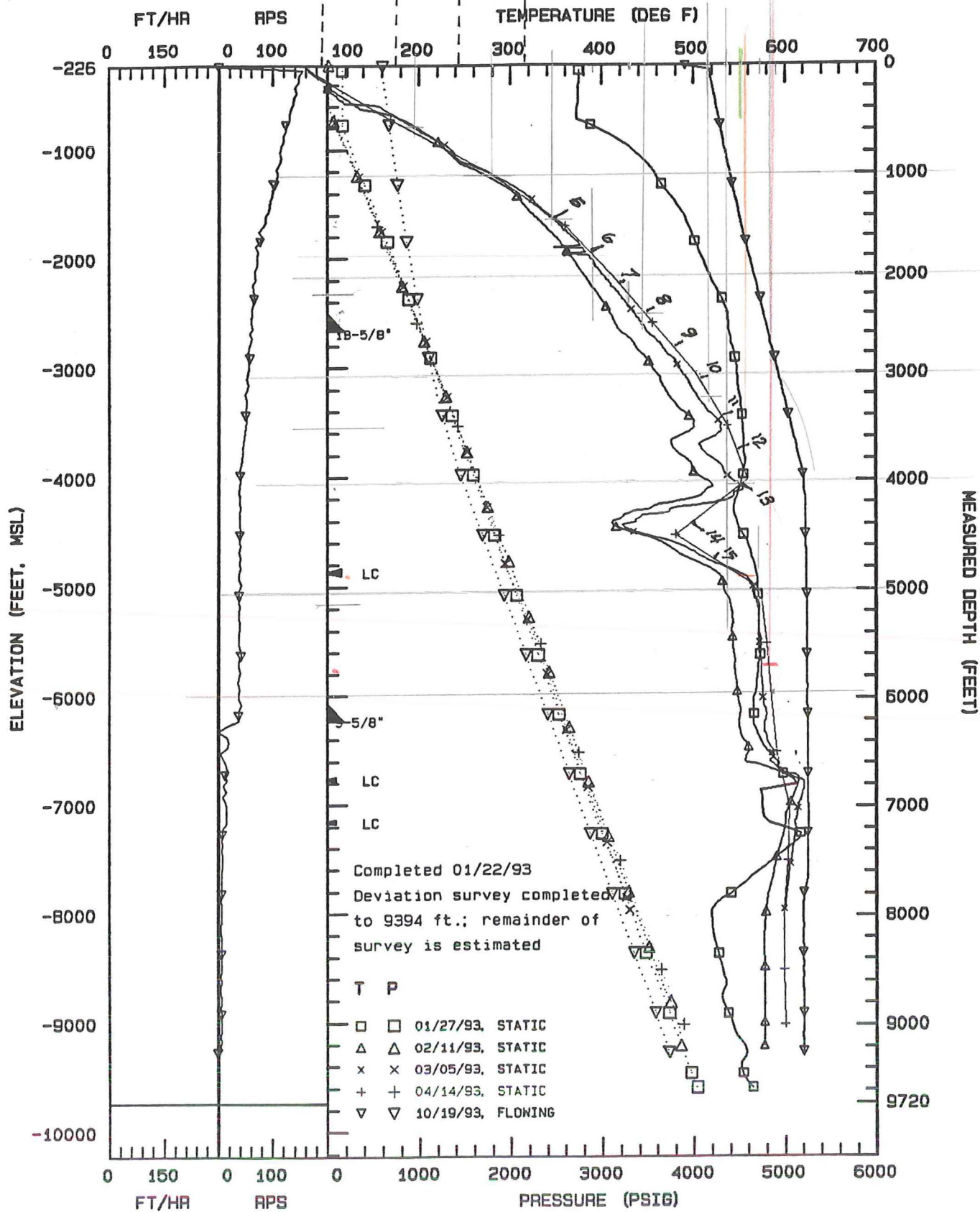
□ □ 04/12/85

MAGMA IW-7 - DOWNHOLE SUMMARY PLOT



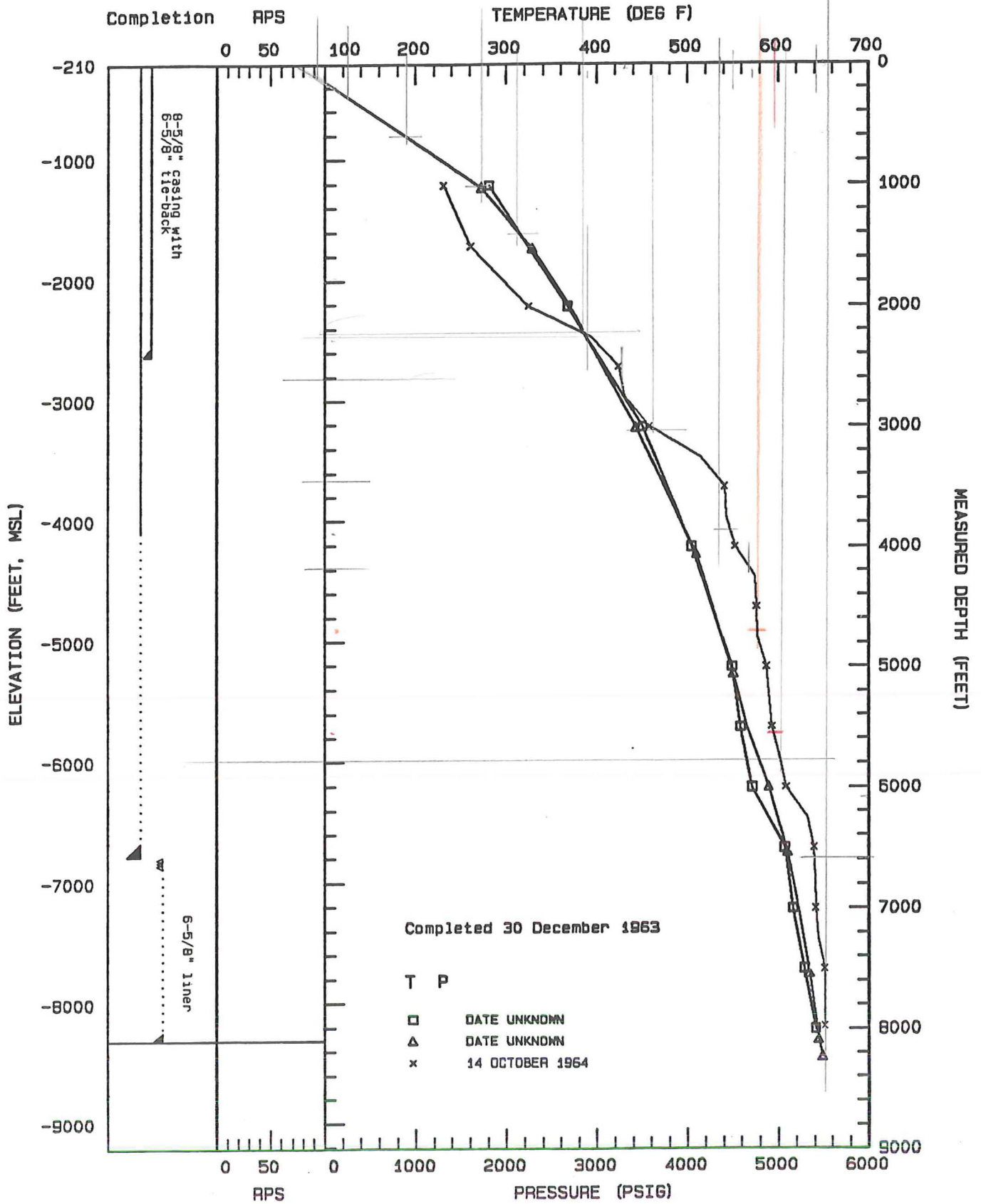
GeothermEx, Inc.

MAGMA IW-8 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL RIVER RANCH 1

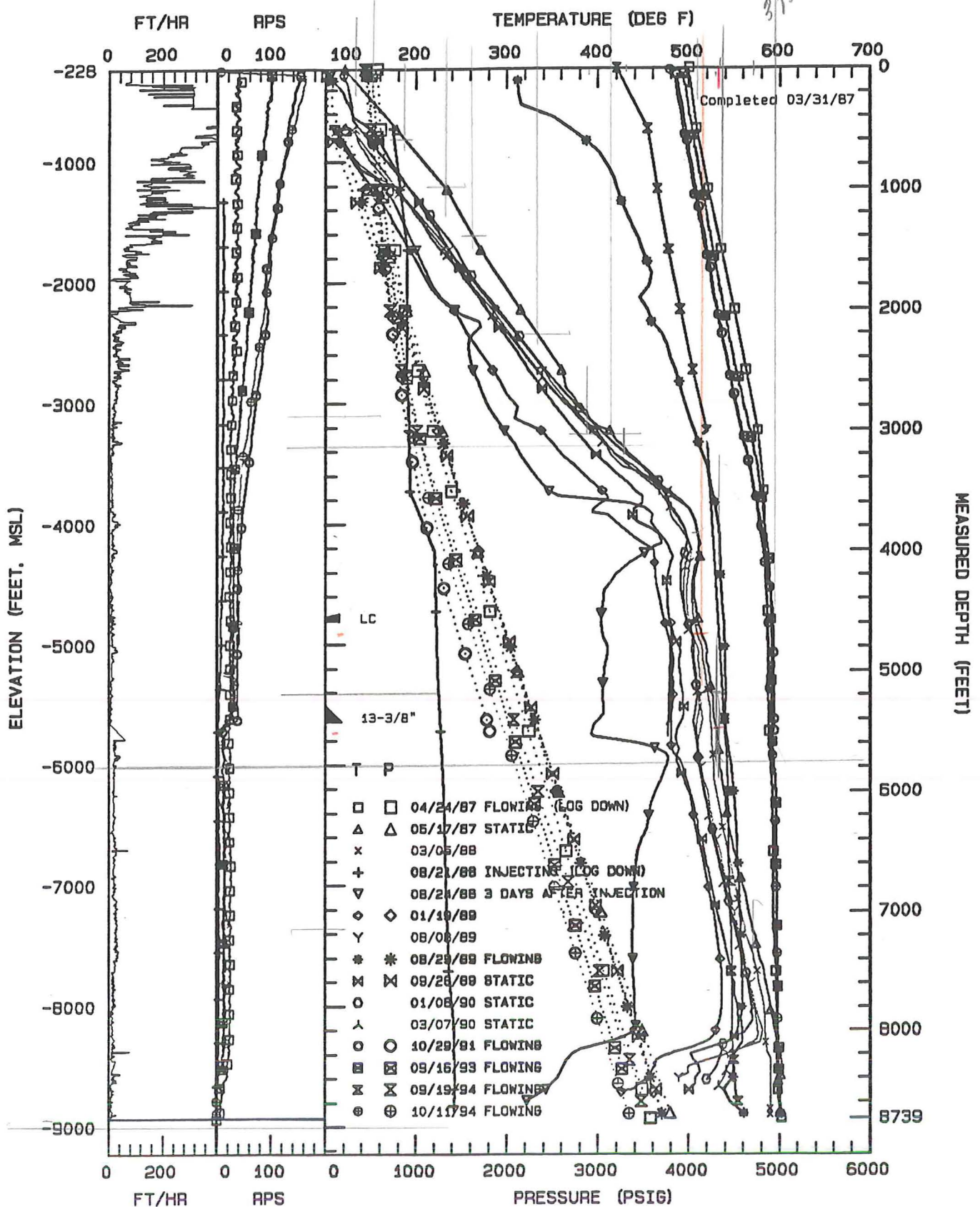


GeothermEx, Inc.

09-14-1994 A: RR1T2.PLT

RIVER RANCH 3 - DOWNHOLE SUMMARY PLOT

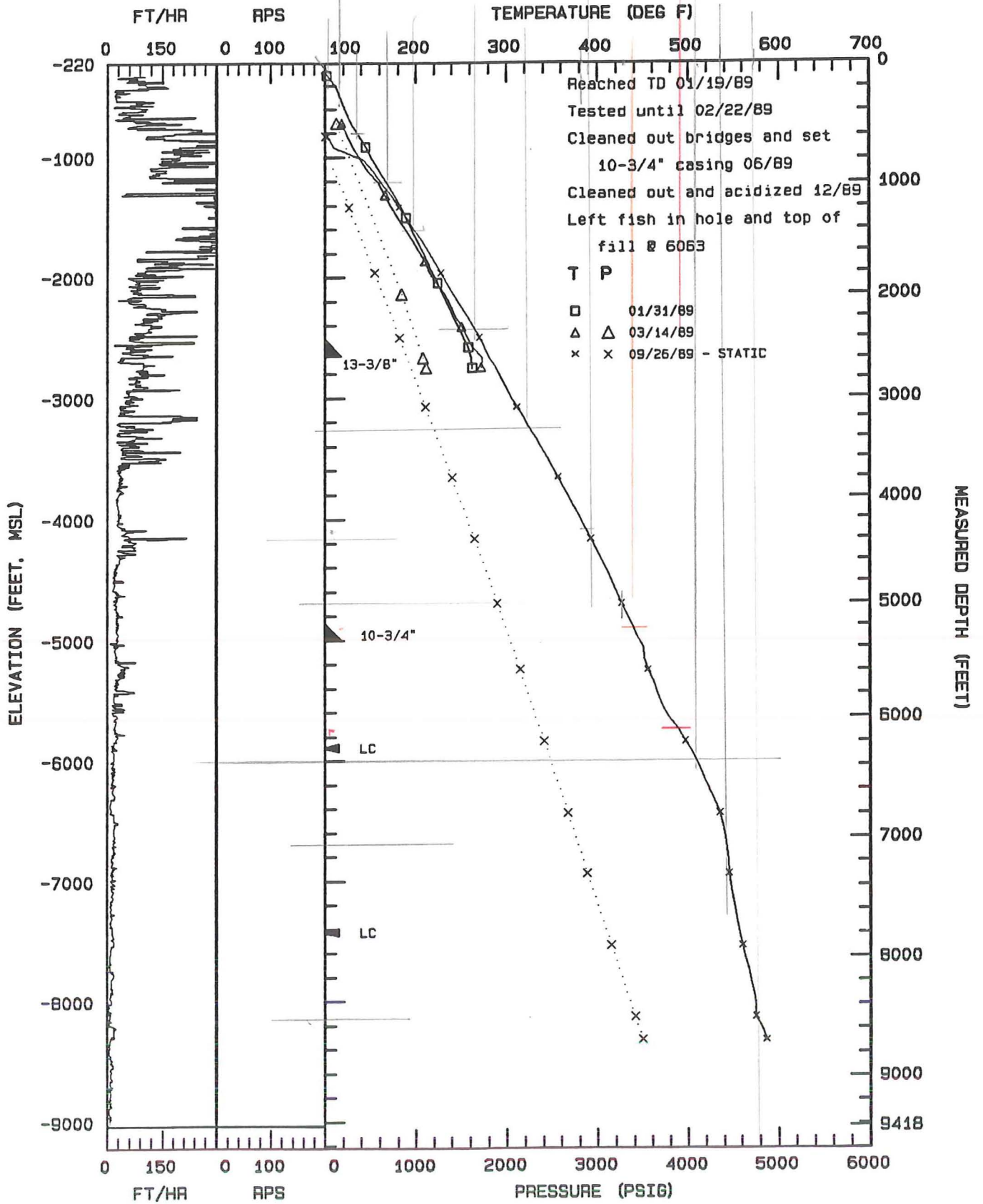
3/30



GeothermEx, Inc.

01-18-1995 A: TP042487.PLT

RIVER RANCH 4 - DOWNHOLE SUMMARY PLOT

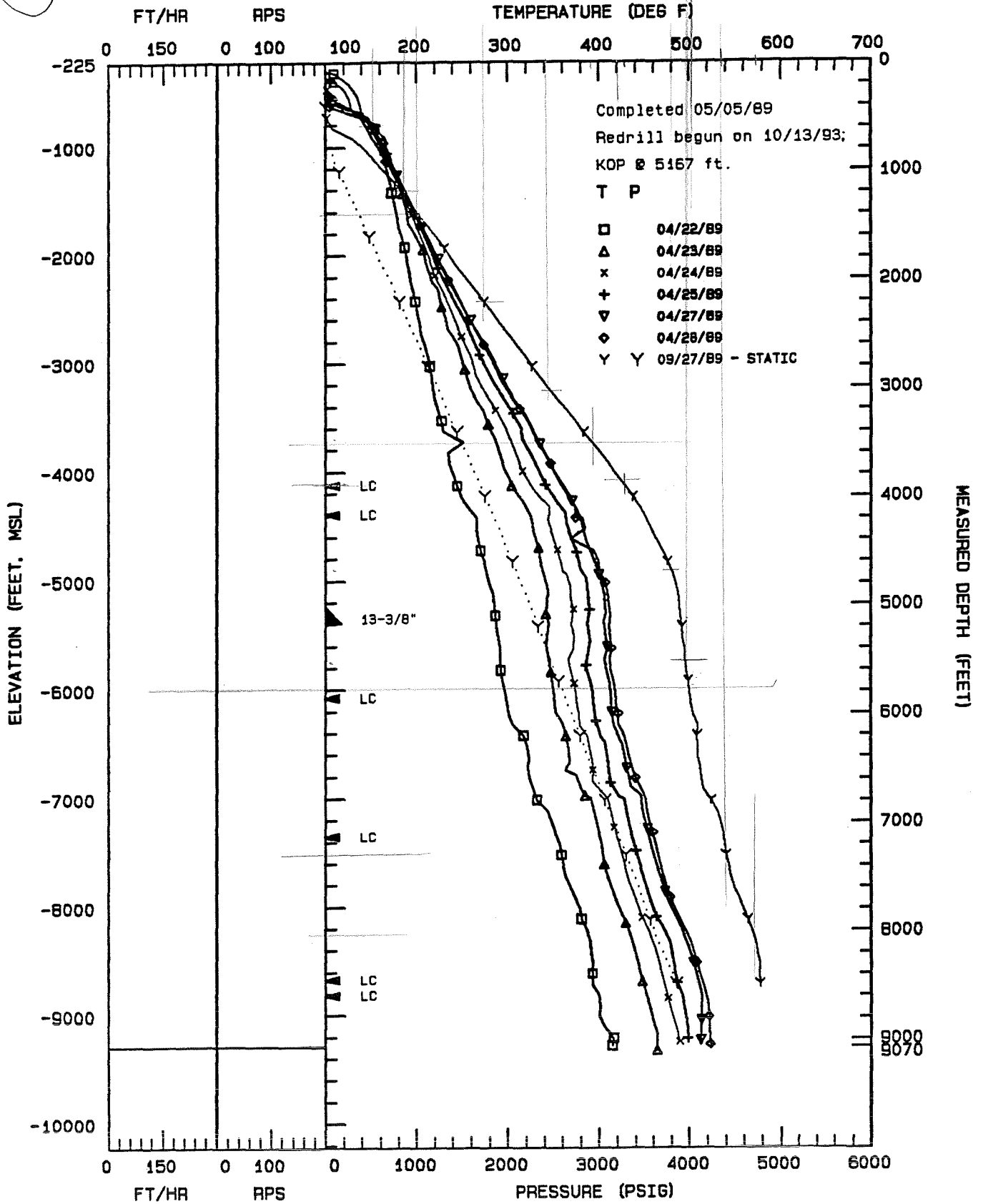


GeothermEx, Inc.

12-14-1994 A: T013189.PLT

40

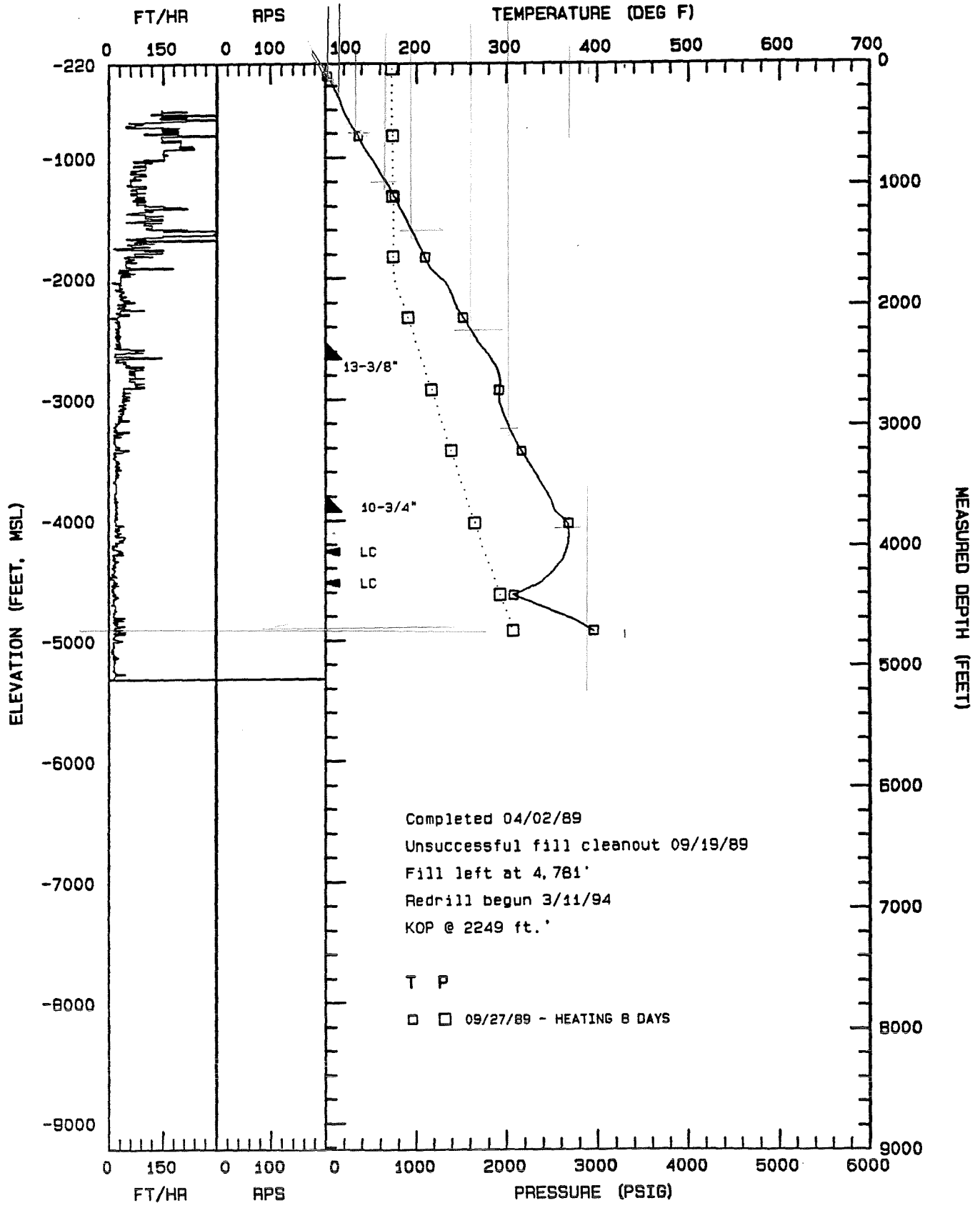
RIVER RANCH 5 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

01-18-1995 A: T042289.PLT

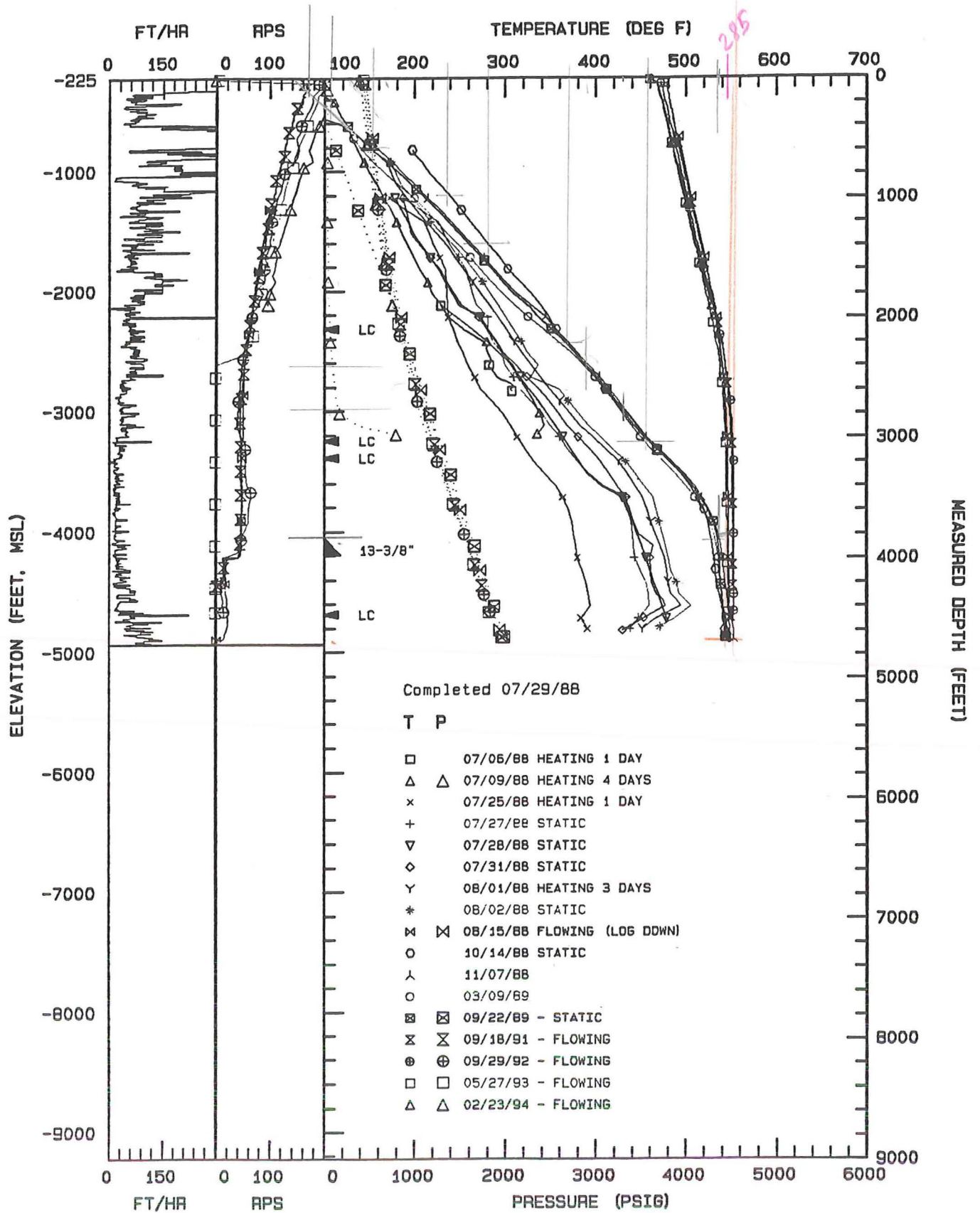
RIVER RANCH 6 OH - DOWNHOLE SUMMARY PLOT



Completed 04/02/89
 Unsuccessful fill cleanout 09/19/89
 Fill left at 4,781'
 Redrill begun 3/11/94
 KOP @ 2249 ft.'

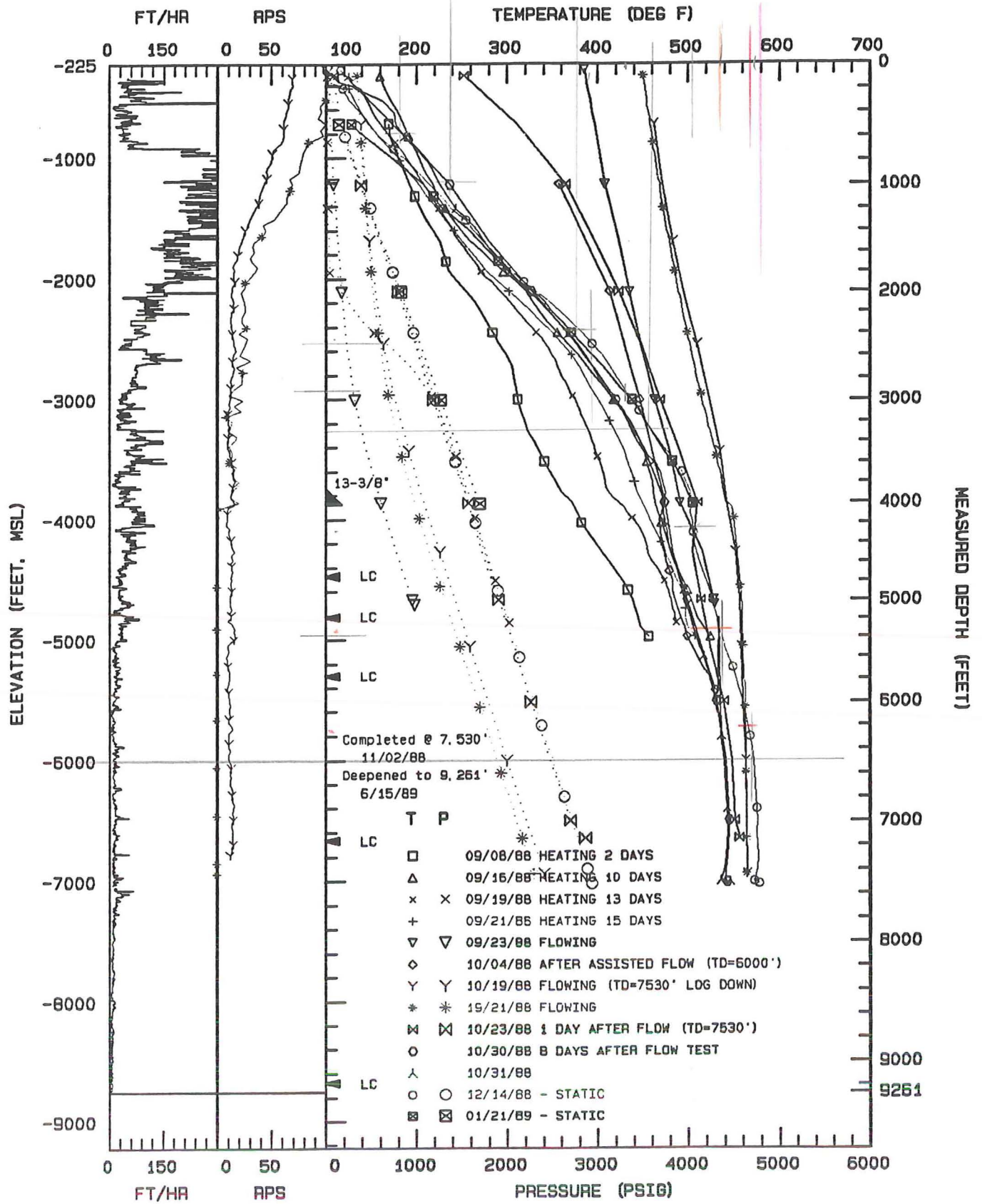
T P
 □ □ 09/27/89 - HEATING 8 DAYS

RIVER RANCH 7 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

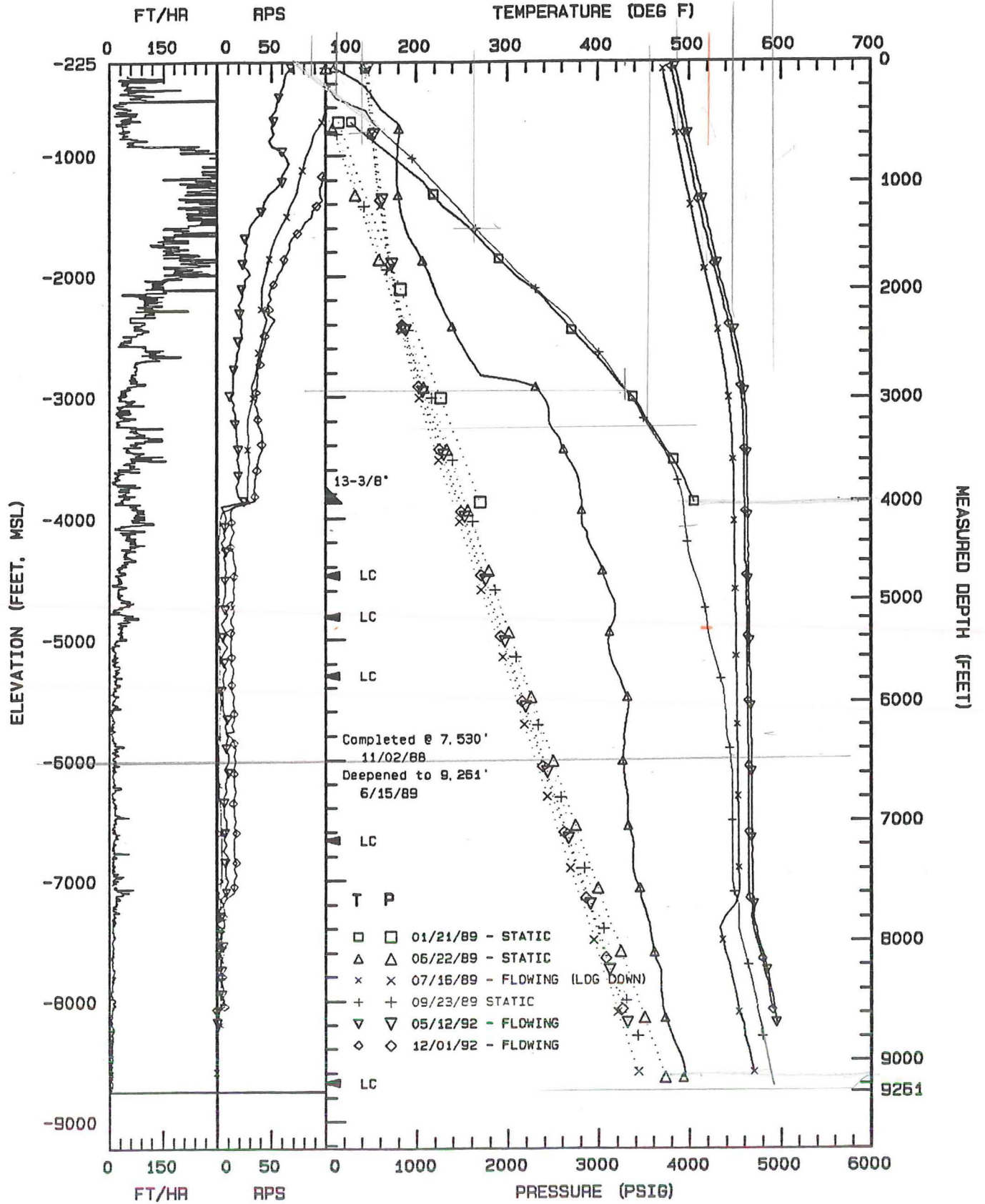
RIVER RANCH 8 - DOWNHOLE SUMMARY PLOT (Plot 1 of 2)



GeothermEx, Inc.

12-14-1994 A: T090888.PLT

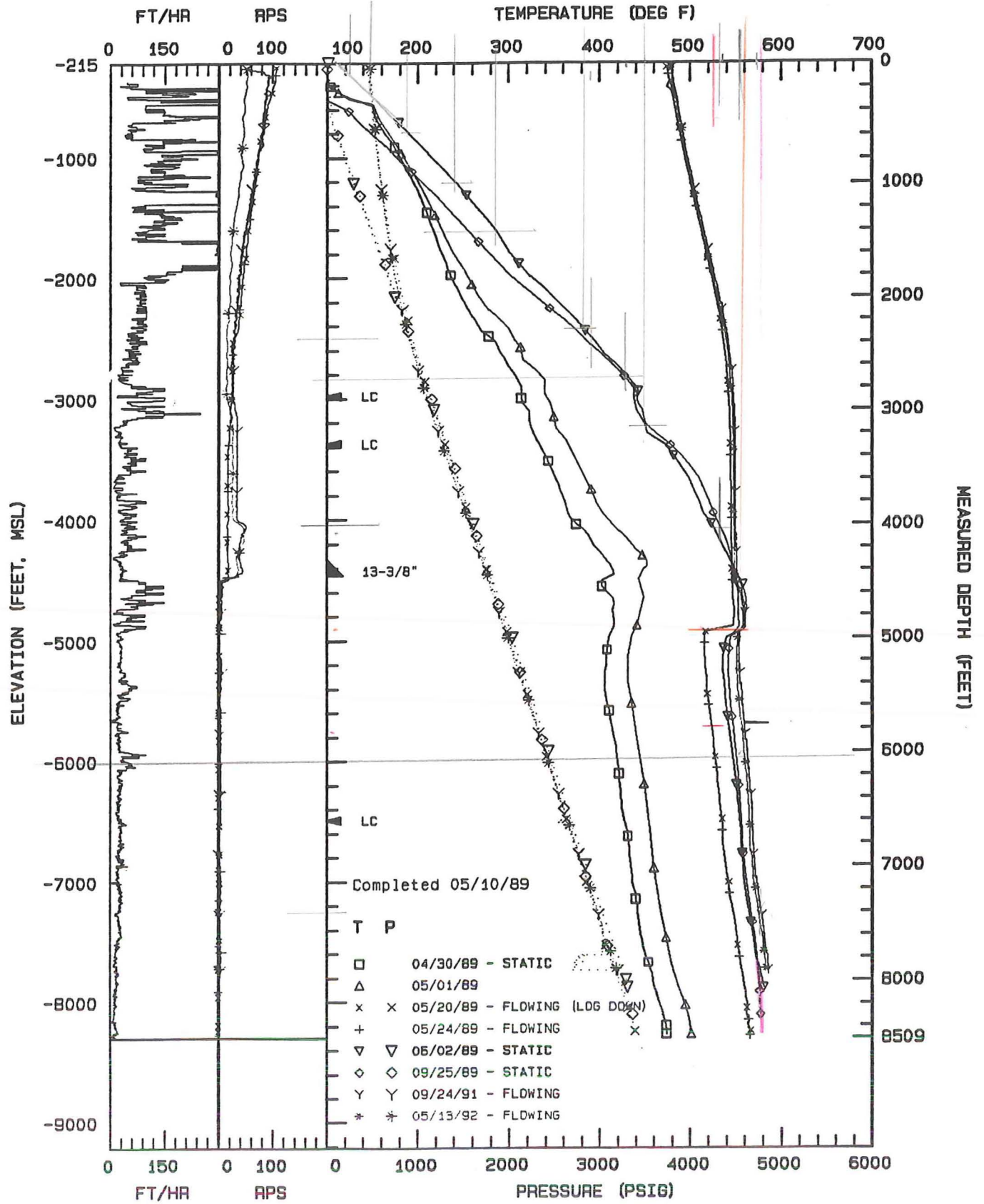
RIVER RANCH 8 - DOWNHOLE SUMMARY PLOT (Plot 2 of 2)



GeothermEx, Inc.

12-14-1994 A: T012189.PLT

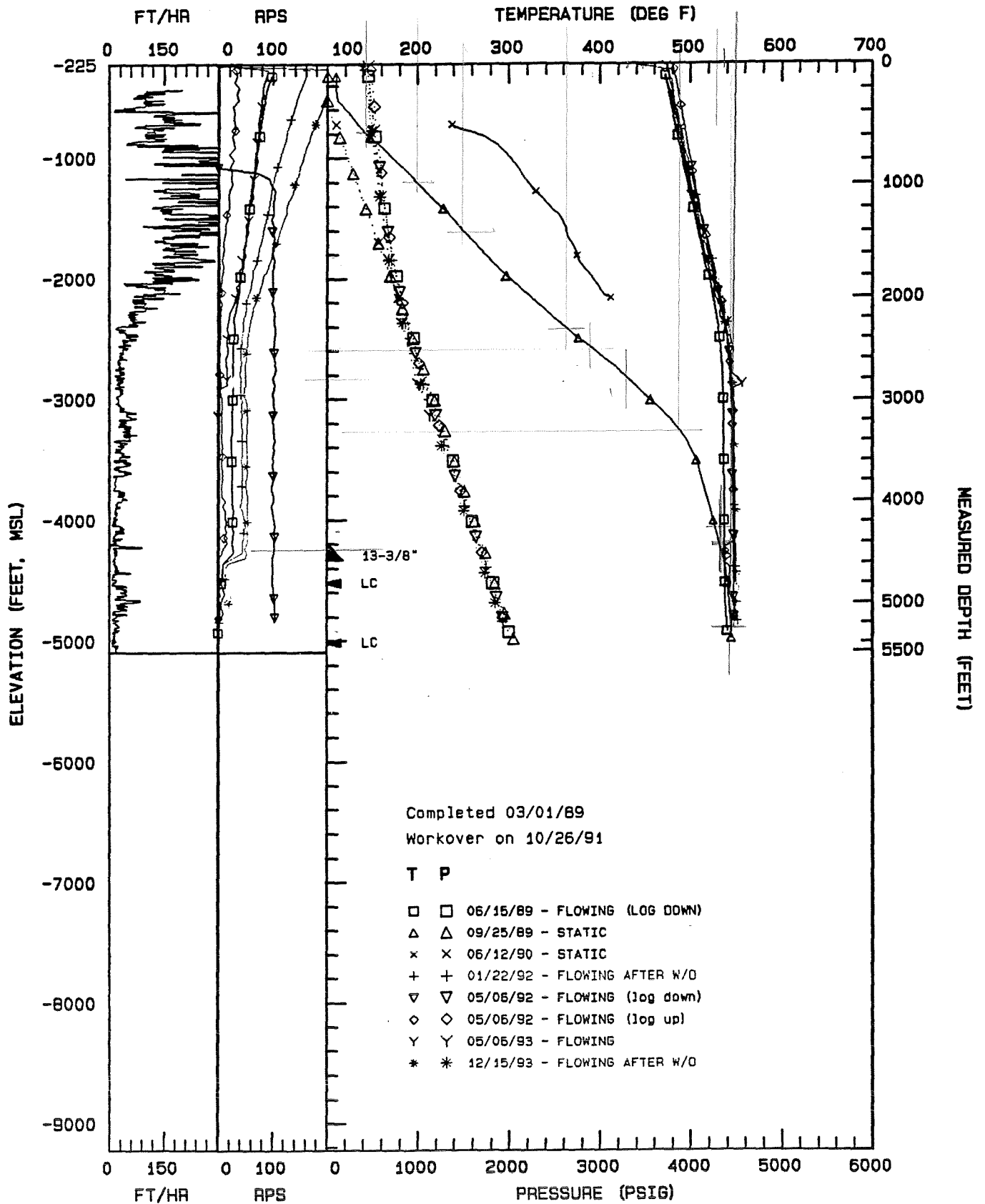
RIVER RANCH 9 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

12-15-1994 A: R9043089.PLT

RIVER RANCH 11 - DOWNHOLE SUMMARY PLOT



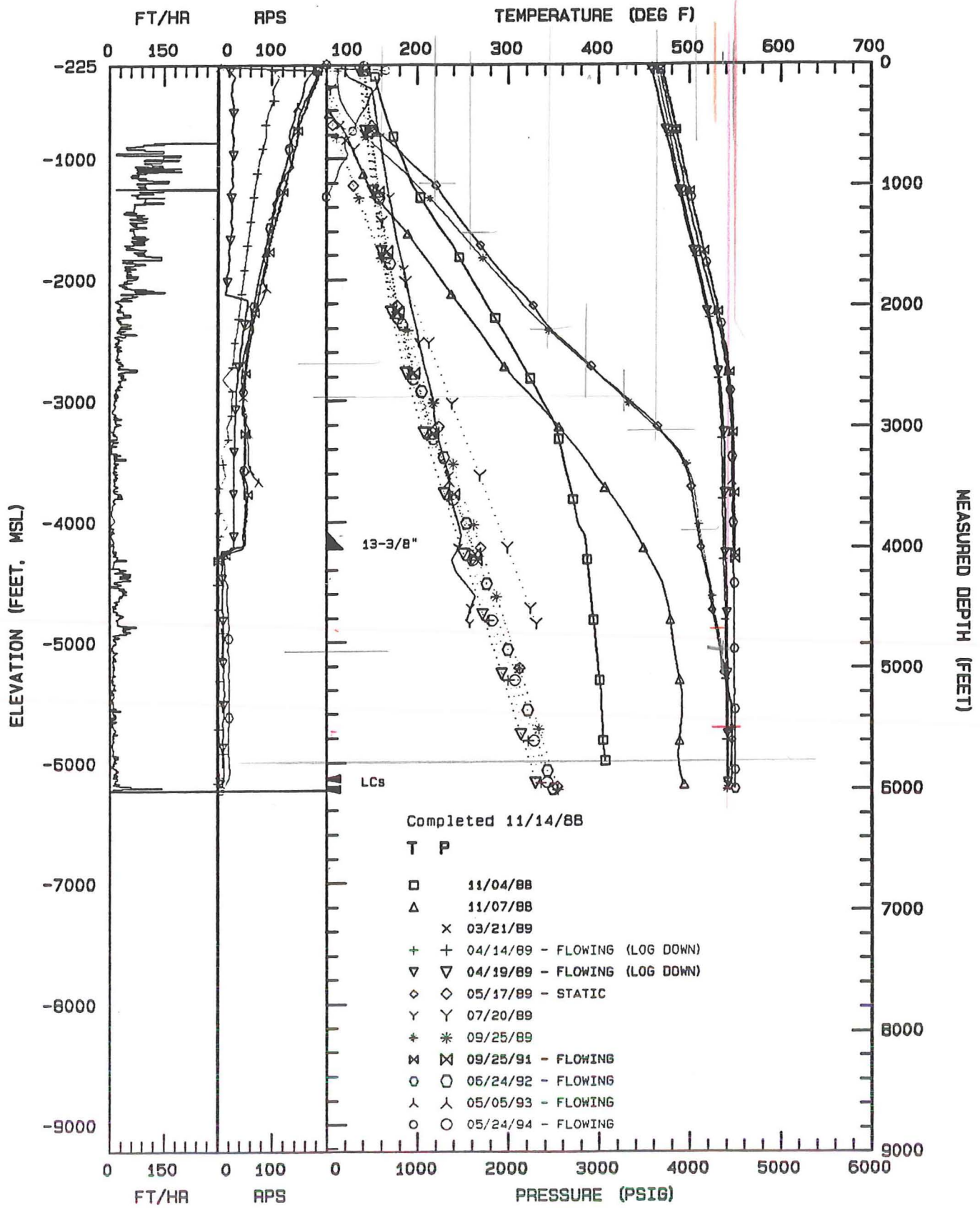
Completed 03/01/89
Workover on 10/26/91

- T P
- □ 06/15/89 - FLOWING (LOG DOWN)
 - △ △ 09/25/89 - STATIC
 - × × 06/12/90 - STATIC
 - + + 01/22/92 - FLOWING AFTER W/O
 - ▽ ▽ 05/06/92 - FLOWING (Log down)
 - ◇ ◇ 05/06/92 - FLOWING (log up)
 - Y Y 05/06/93 - FLOWING
 - * * 12/15/93 - FLOWING AFTER W/O

GeothermEX, Inc.

12-13-1994 A: STP61589.PLT

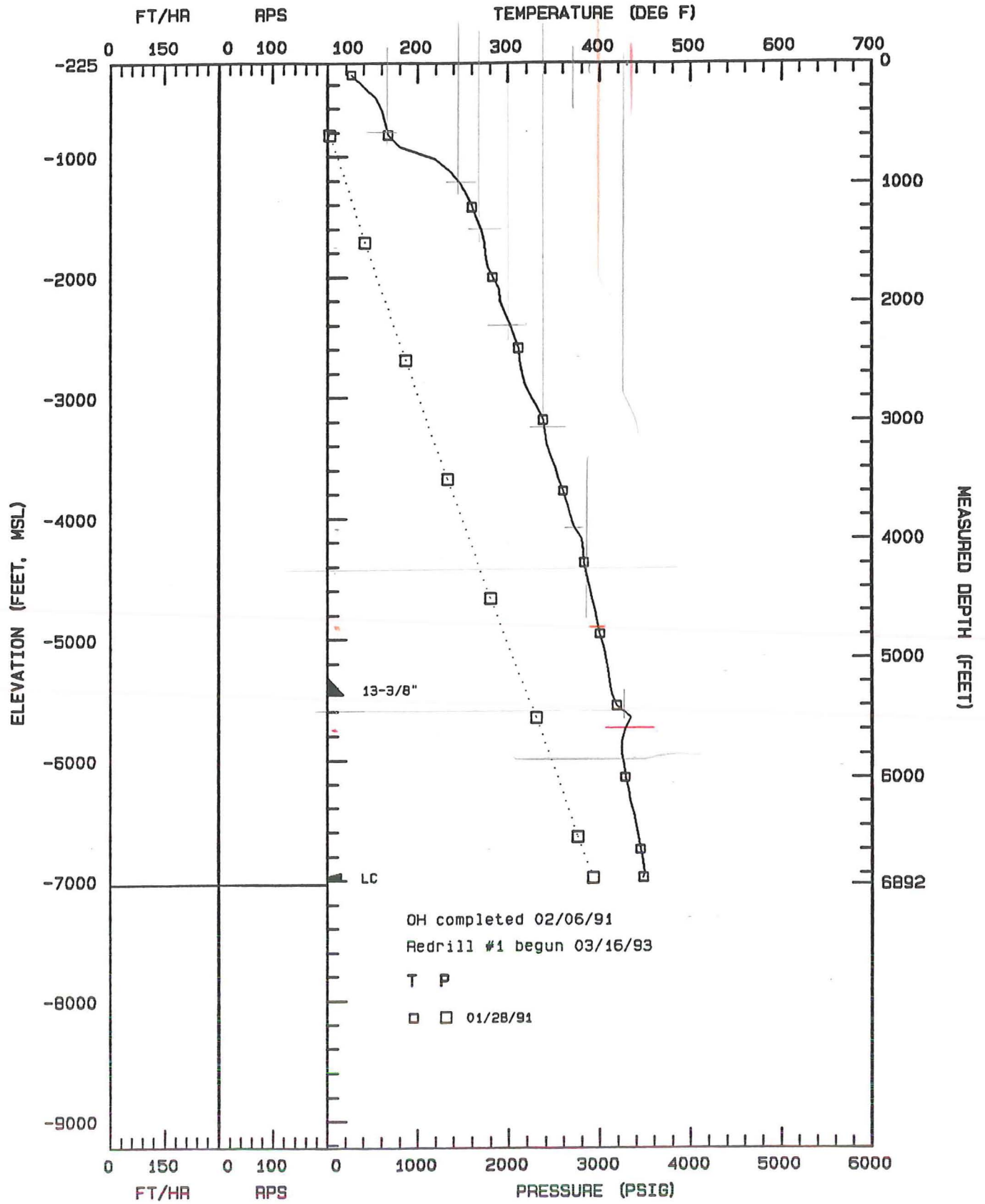
RIVER RANCH 12 - DOWNHOLE SUMMARY PLOT



- Completed 11/14/88
- T P
- 11/04/88
 - △ 11/07/88
 - × 03/21/89
 - + + 04/14/89 - FLOWING (LOG DOWN)
 - ▽ ▽ 04/19/89 - FLOWING (LOG DOWN)
 - ◇ ◇ 05/17/89 - STATIC
 - Y Y 07/20/89
 - * * 09/25/89
 - ⊠ ⊠ 09/25/91 - FLOWING
 - ○ 06/24/92 - FLOWING
 - ∧ ∧ 05/05/93 - FLOWING
 - ○ 05/24/94 - FLOWING

GeothermEx, Inc.

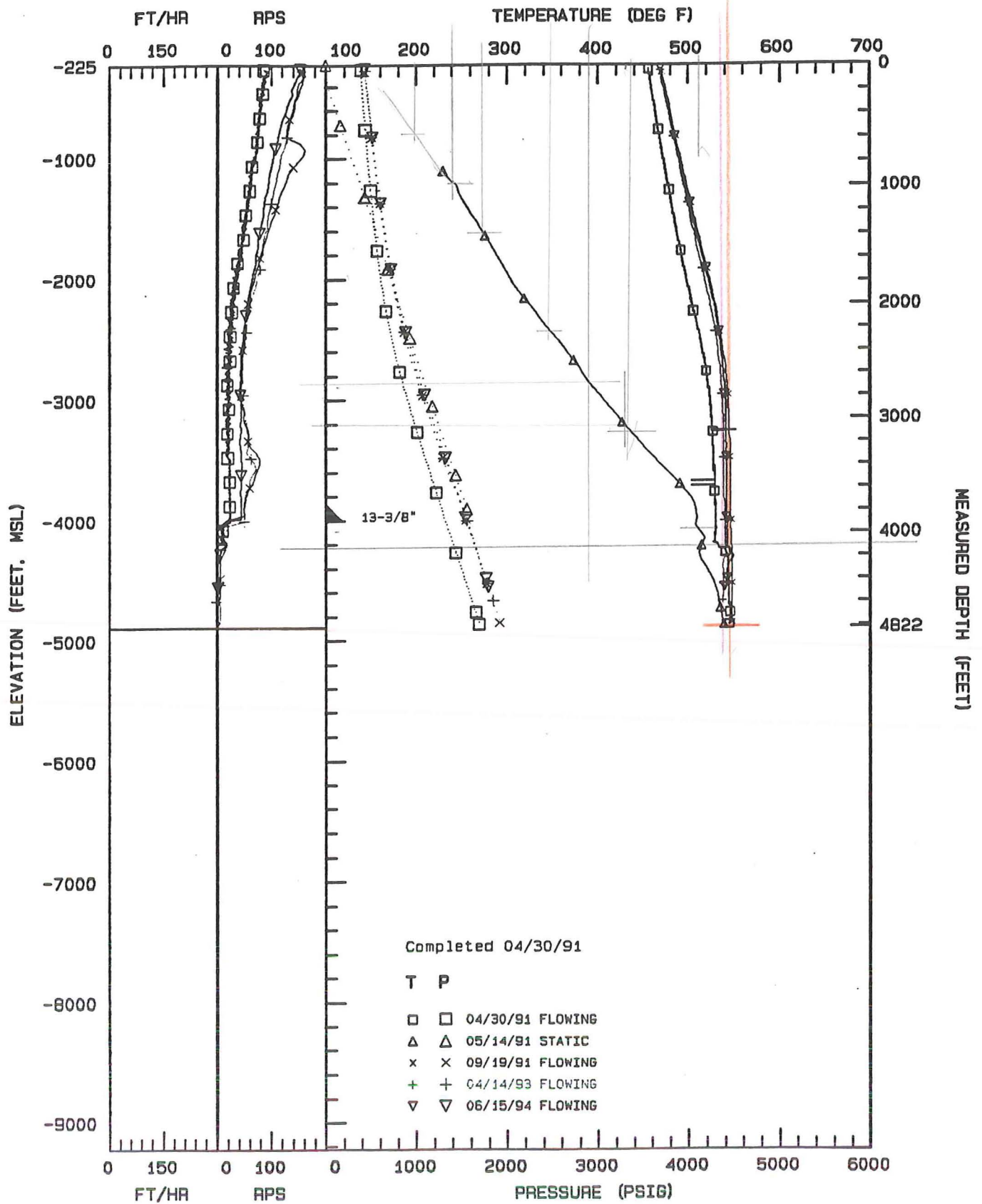
RIVER RANCH 13 OH - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

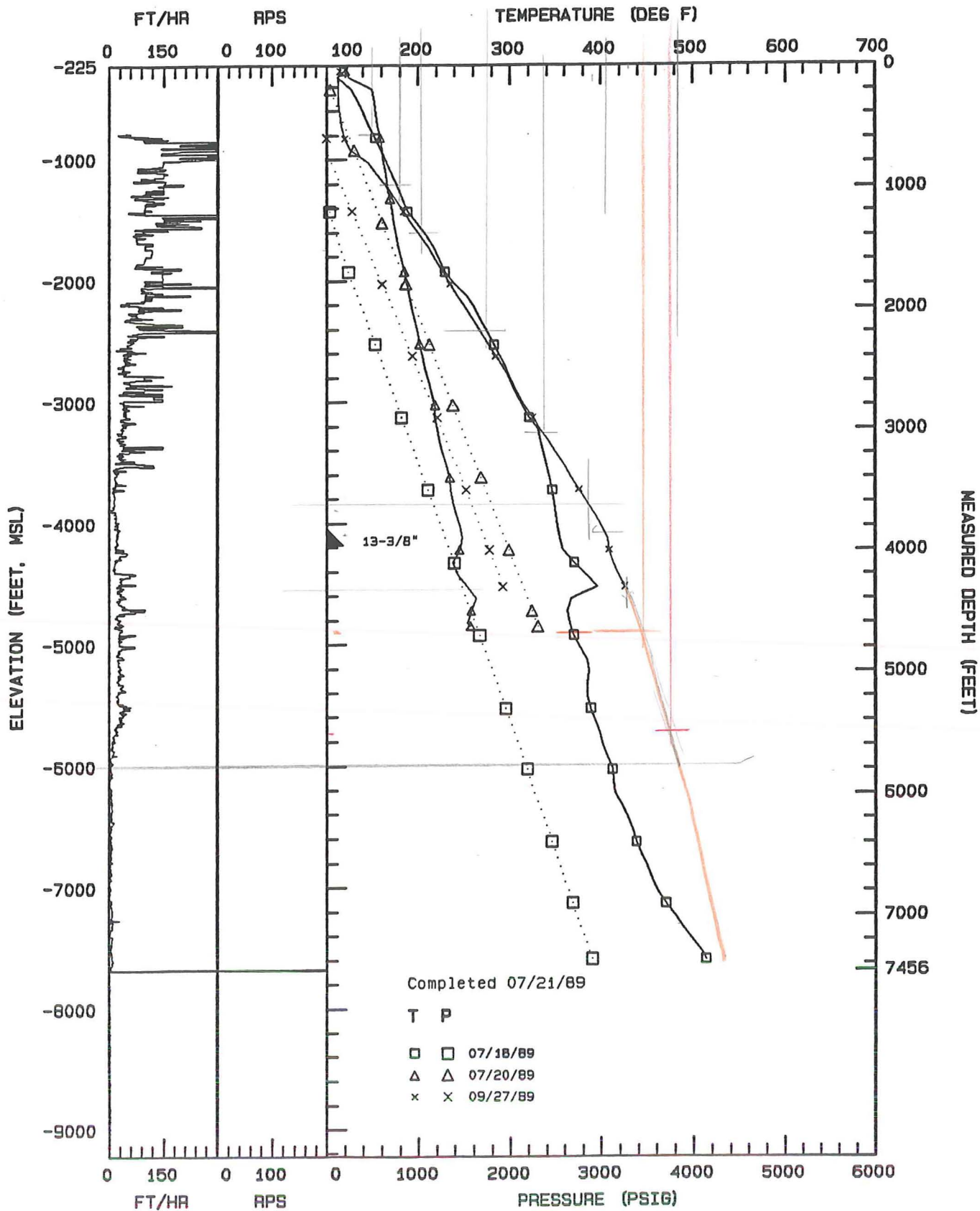
12-20-1994 A: RR13T91.PLT

RIVER RANCH 14 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

RIVER RANCH 16 - DOWNHOLE SUMMARY PLOT



Completed 07/21/89

T P

□ □ 07/18/89

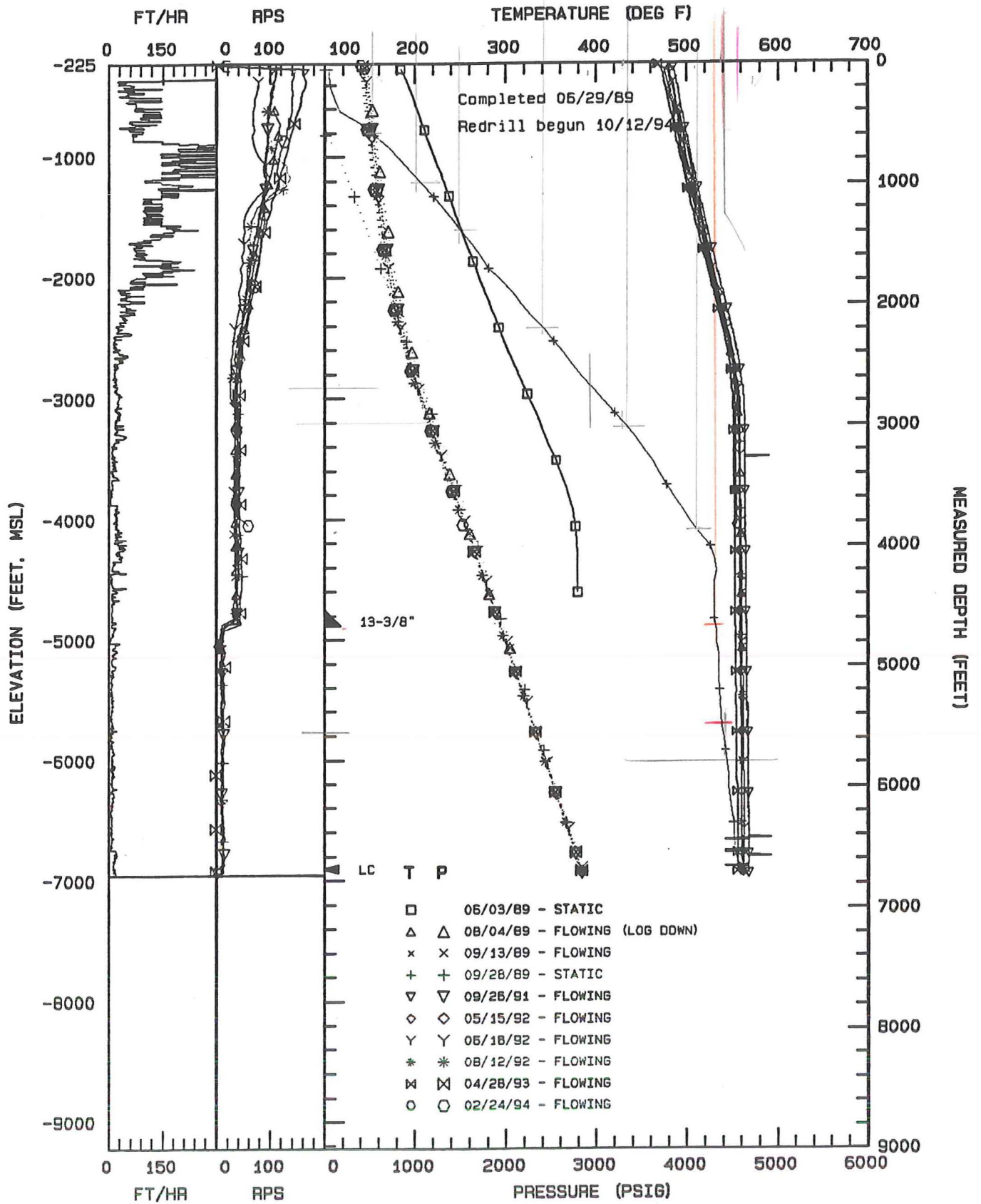
△ △ 07/20/89

x x 09/27/89

GeothermEx, Inc.

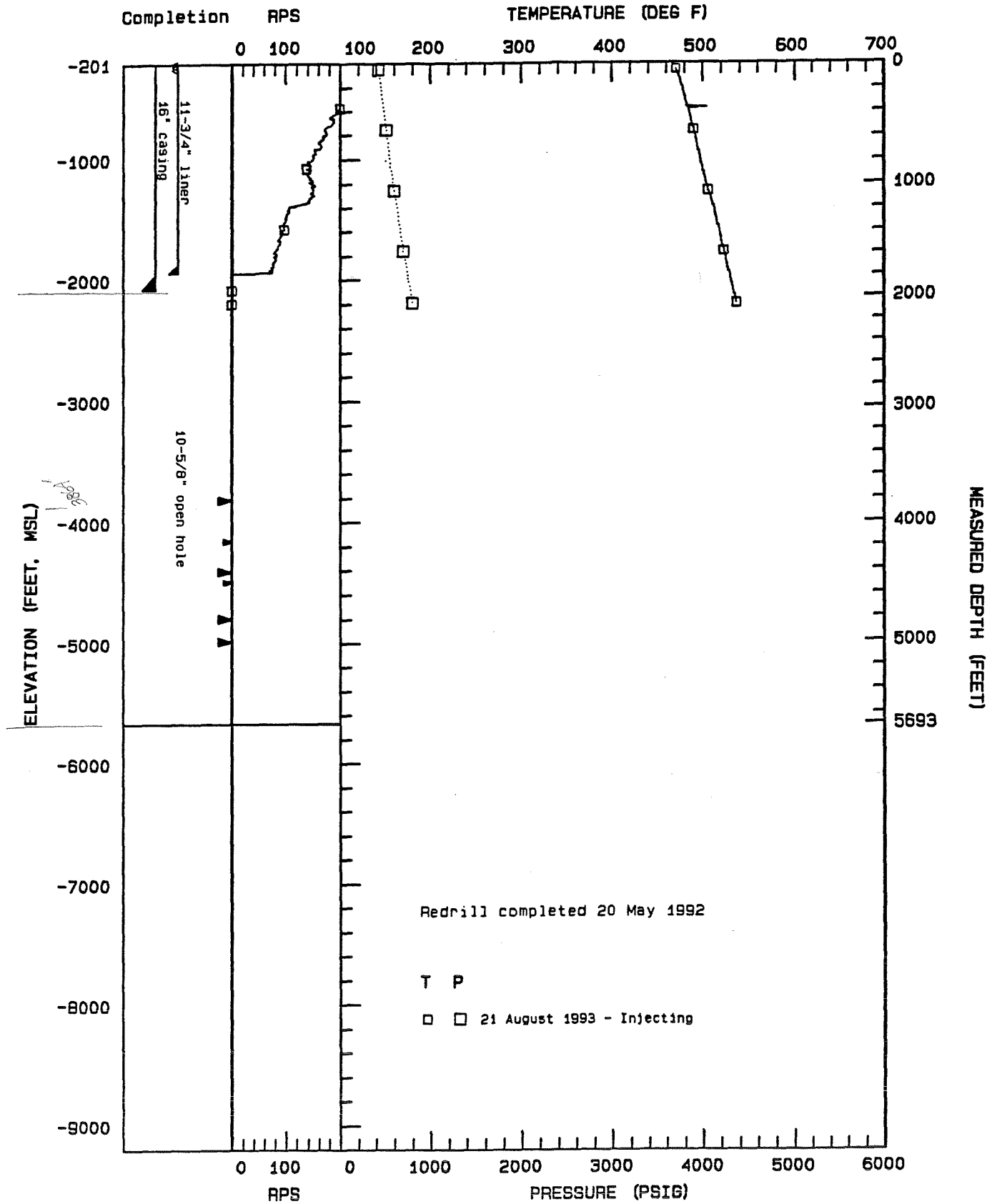
12-14-1994 A: TP071889.PLT

RIVER RANCH 17 OH - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

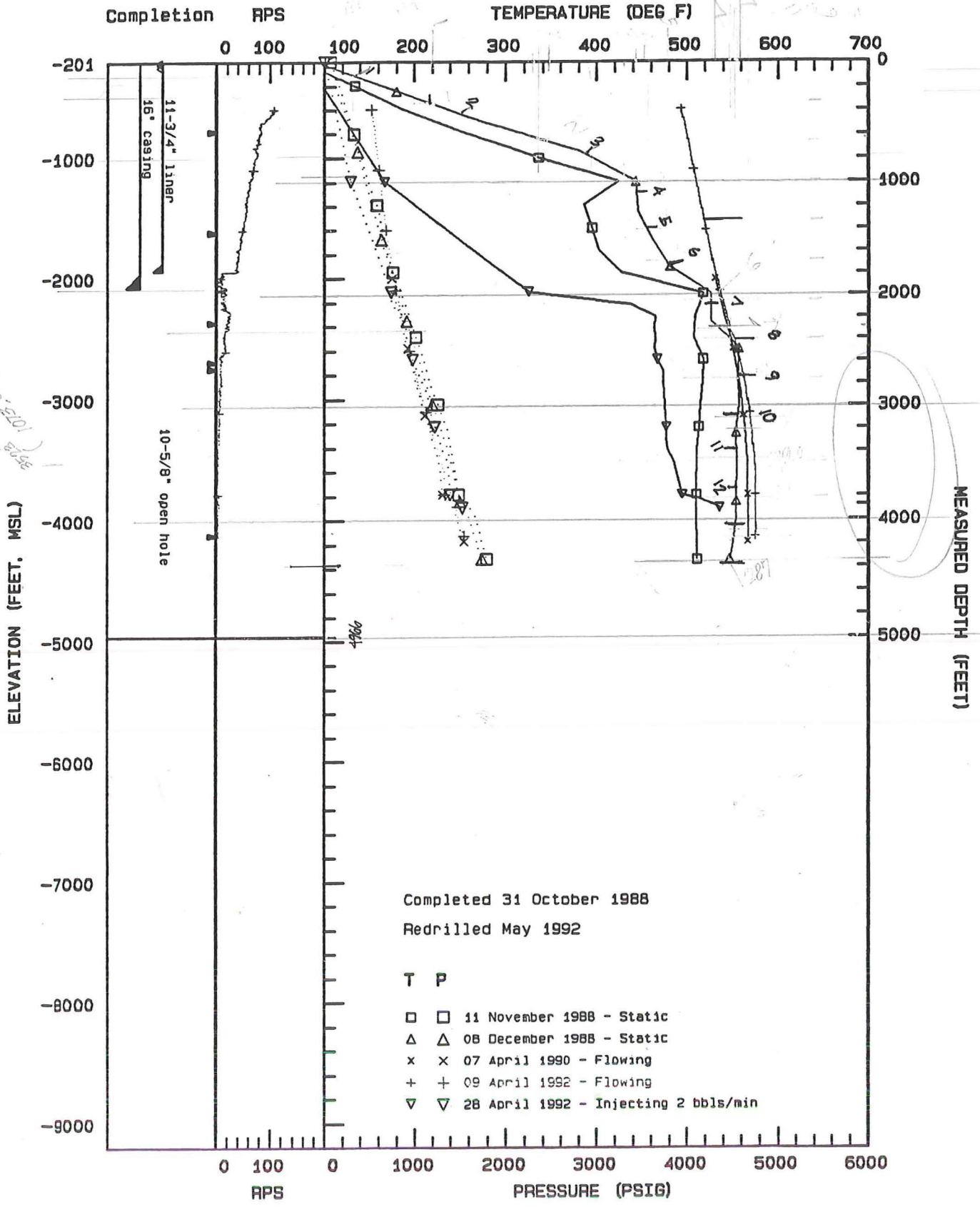
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-10 RD1



GeothermEx, Inc.

08/02
670

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-10



Completed 31 October 1988
Redrilled May 1992

T P

- □ 11 November 1988 - Static
- △ △ 08 December 1988 - Static
- x x 07 April 1990 - Flowing
- + + 09 April 1992 - Flowing
- ▽ ▽ 28 April 1992 - Injecting 2 bbls/min

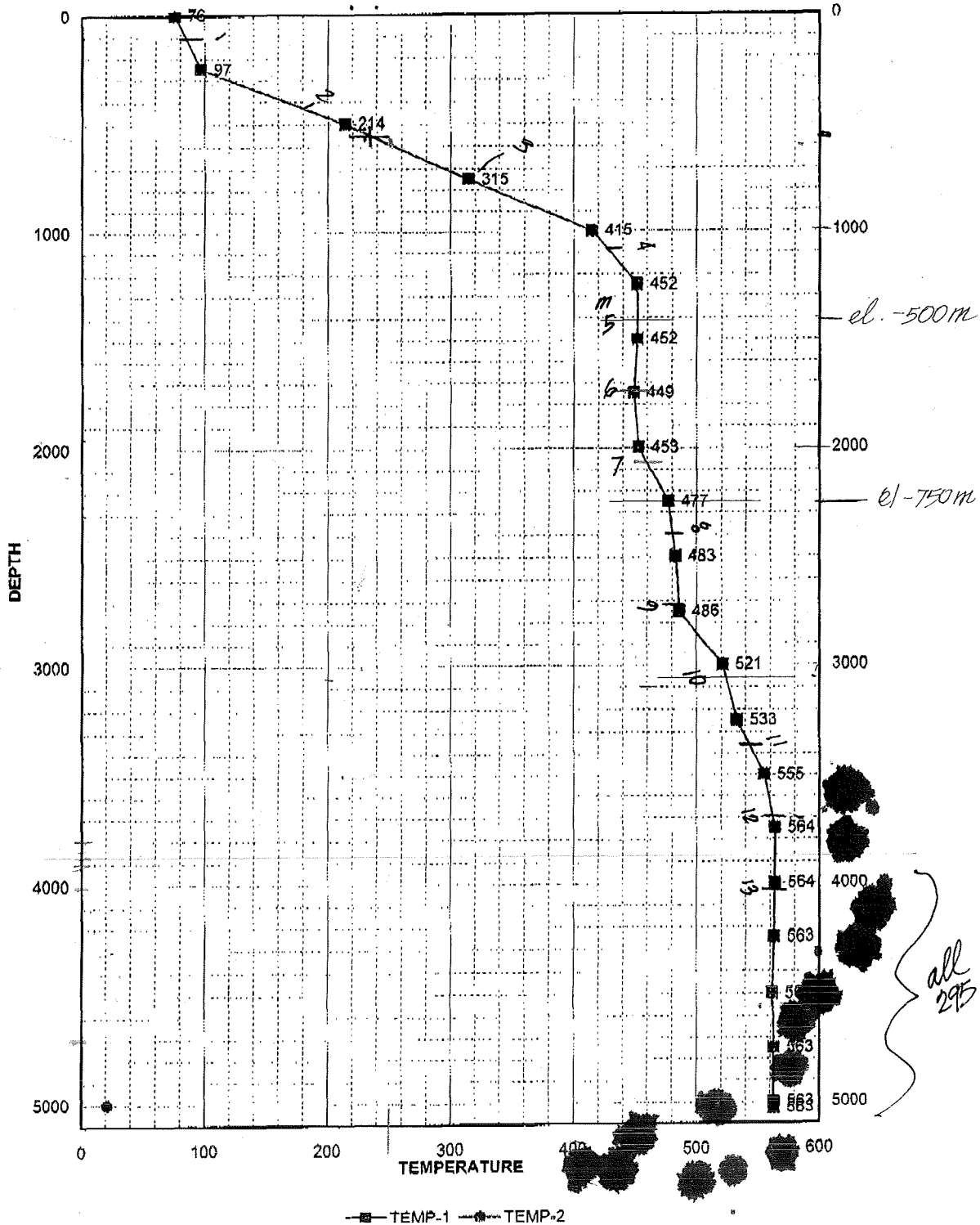
GeothermEx, Inc.

03-09-1995 A: TP881108.PLT

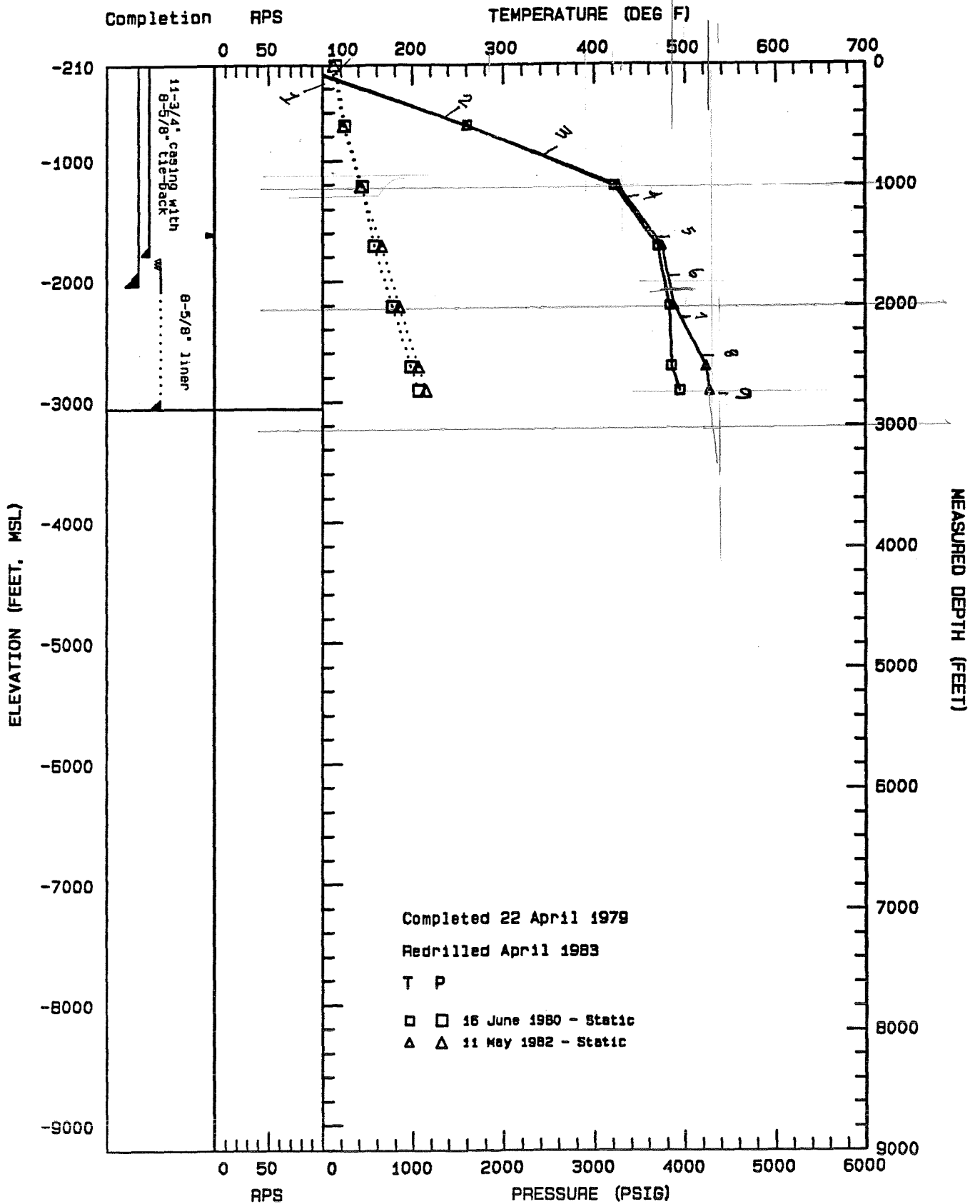
CAL ENERGY OPERATING COMPAY

SINC - 11

TEMPERATURE SURVEY



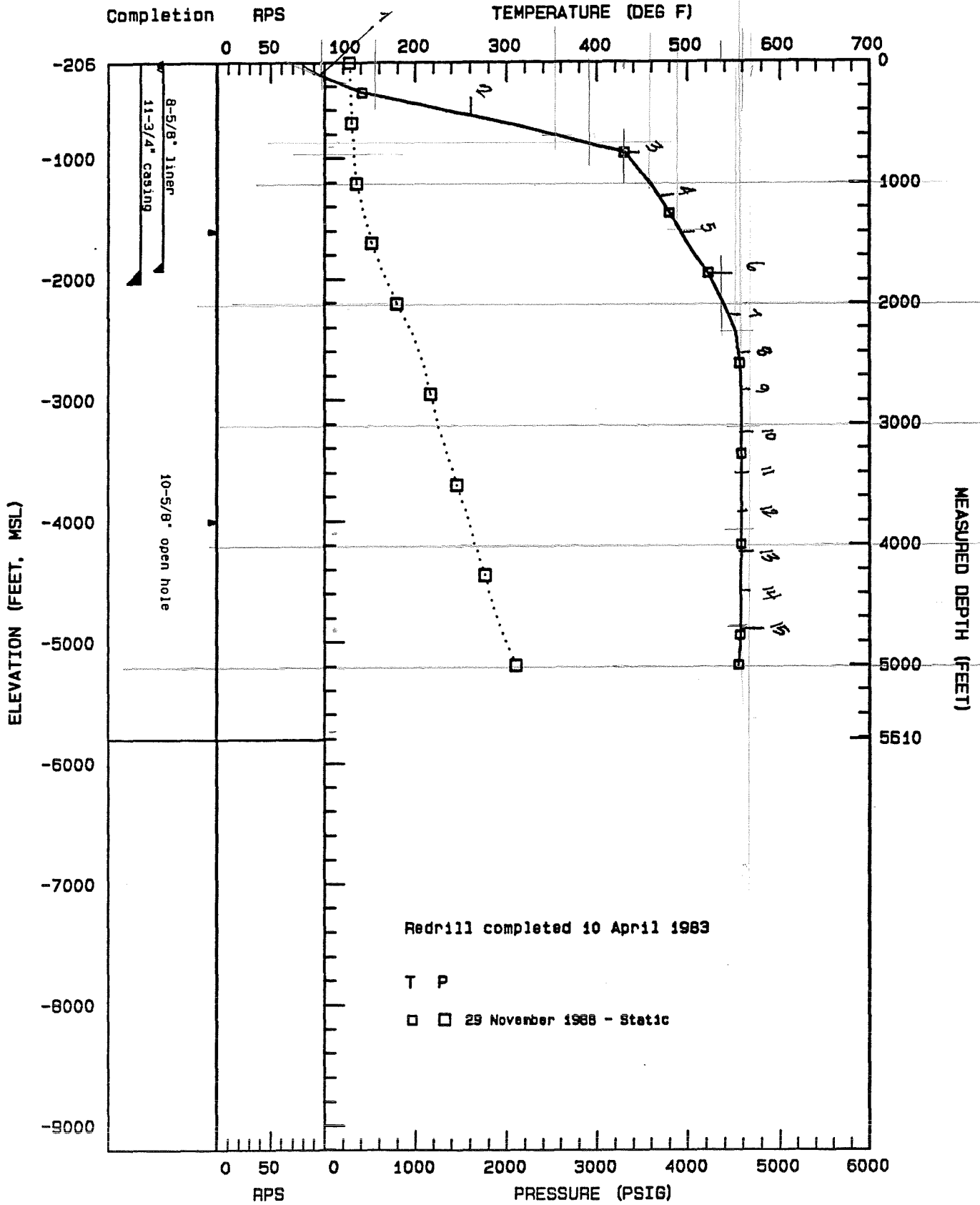
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-13 OH



GeothermEx, Inc.

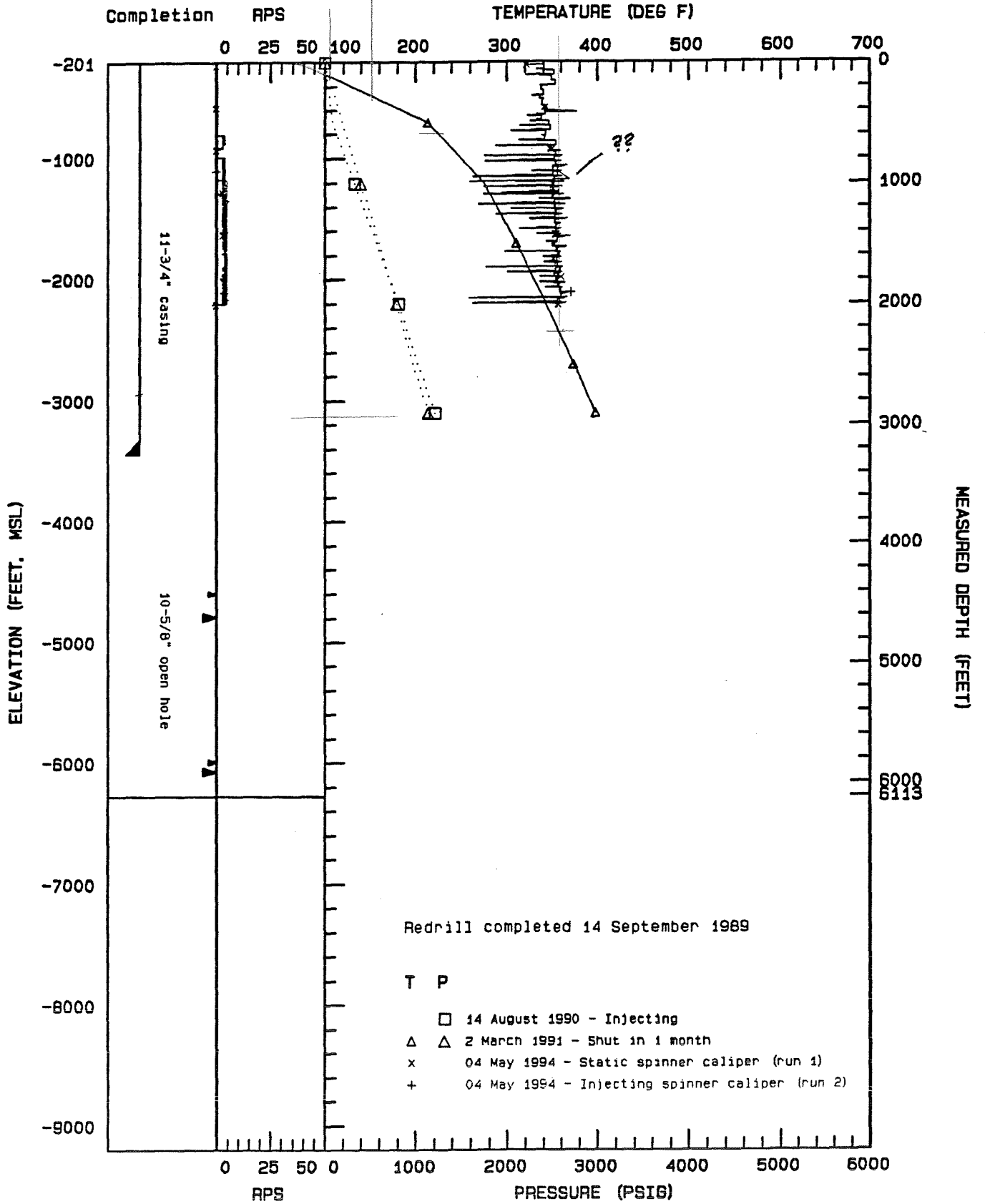
09-08-1994 A: TP800B18.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-13 RD1



GeothermEx, Inc.

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-15 RD1



Redrill completed 14 September 1989

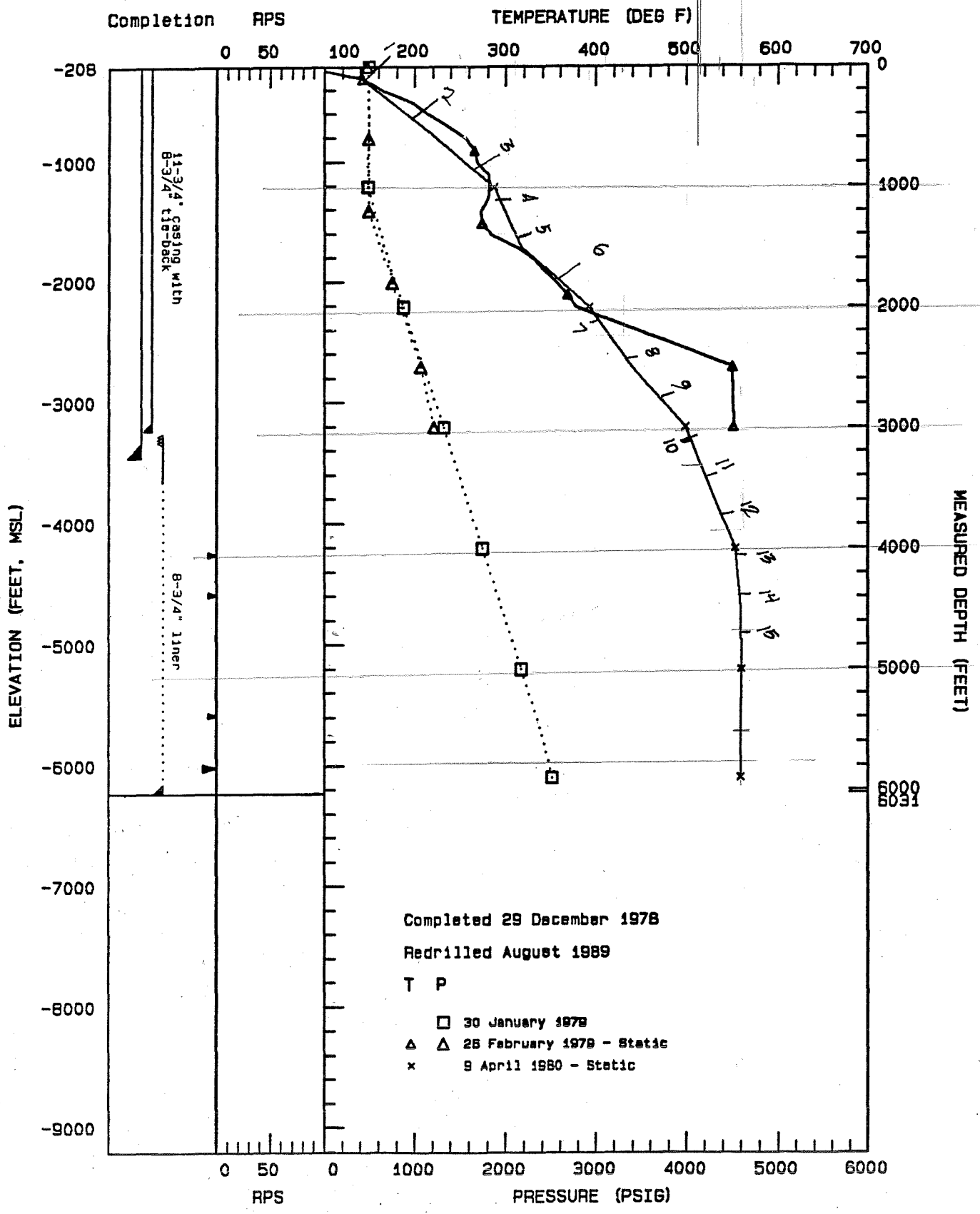
T P

- 14 August 1990 - Injecting
- △ 2 March 1991 - Shut in 1 month
- x 04 May 1994 - Static spinner caliper (run 1)
- + 04 May 1994 - Injecting spinner caliper (run 2)

GeothermEx, Inc.

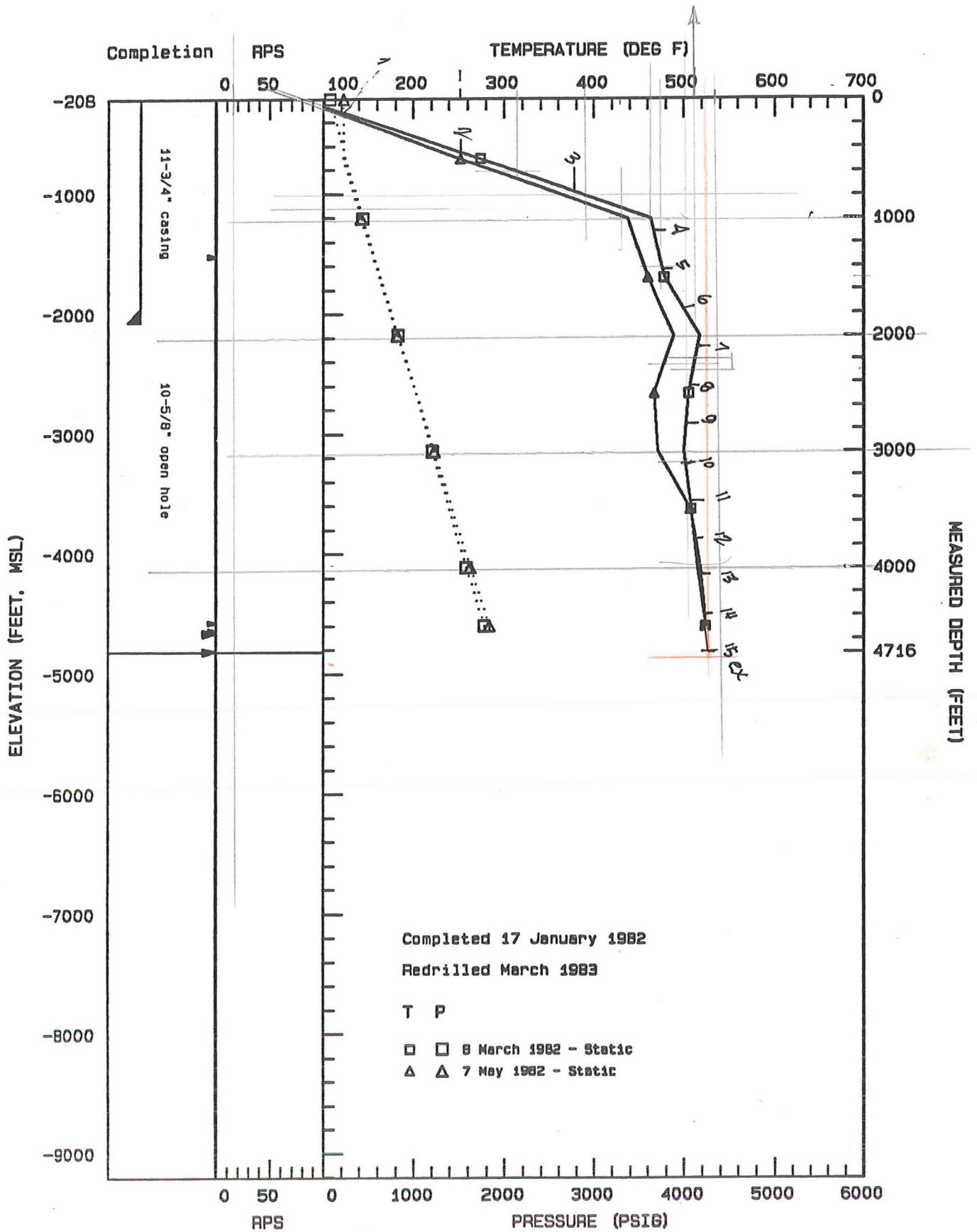
12-15-1994 A: P900814.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-15 ST1



Completed 29 December 1978
 Redrilled August 1989
 T P
 □ 30 January 1978
 △ 25 February 1978 - Static
 x 9 April 1980 - Static

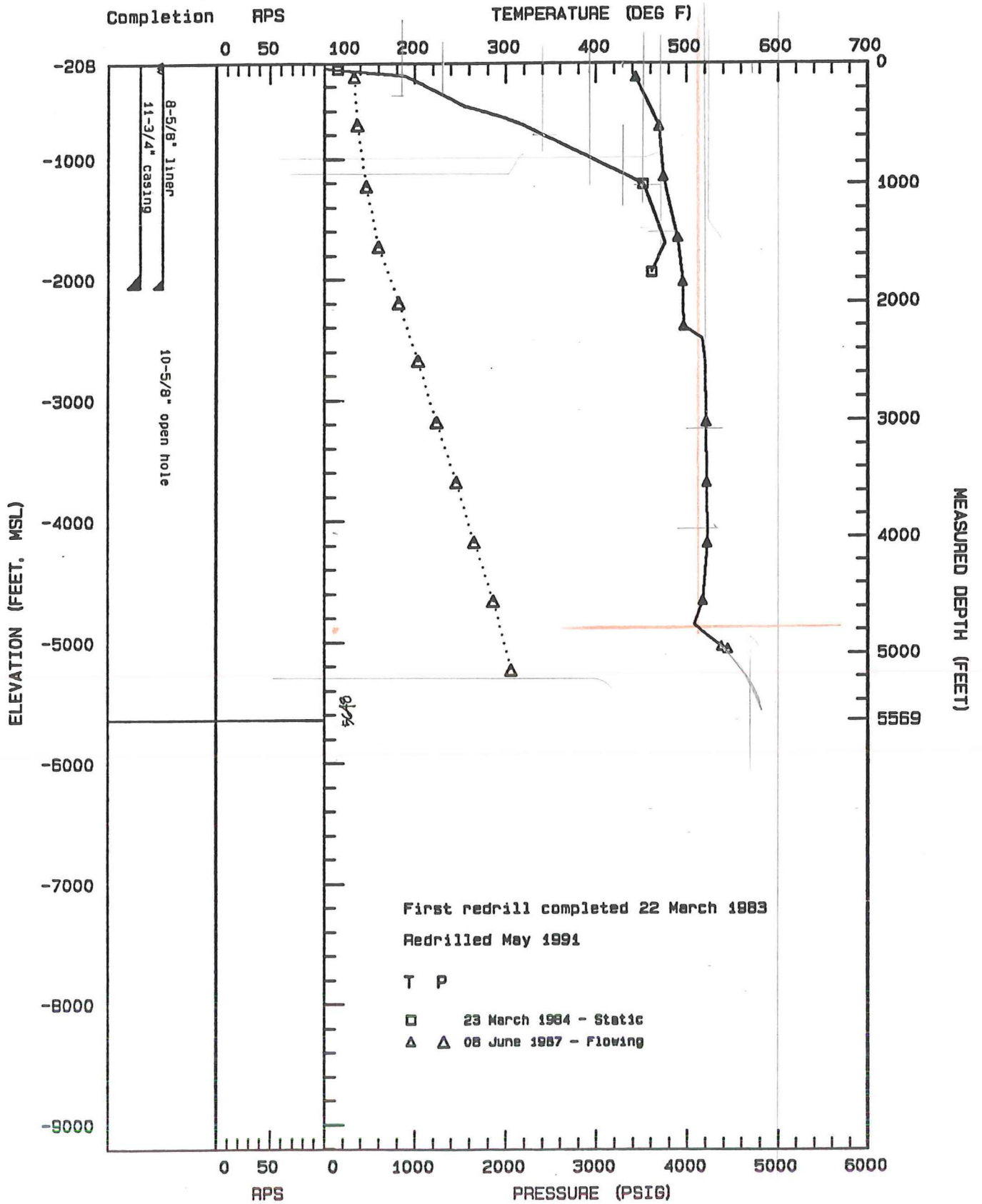
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-20 OH



GeothermEx, Inc.

09-08-1994 A: TP820308.PLT

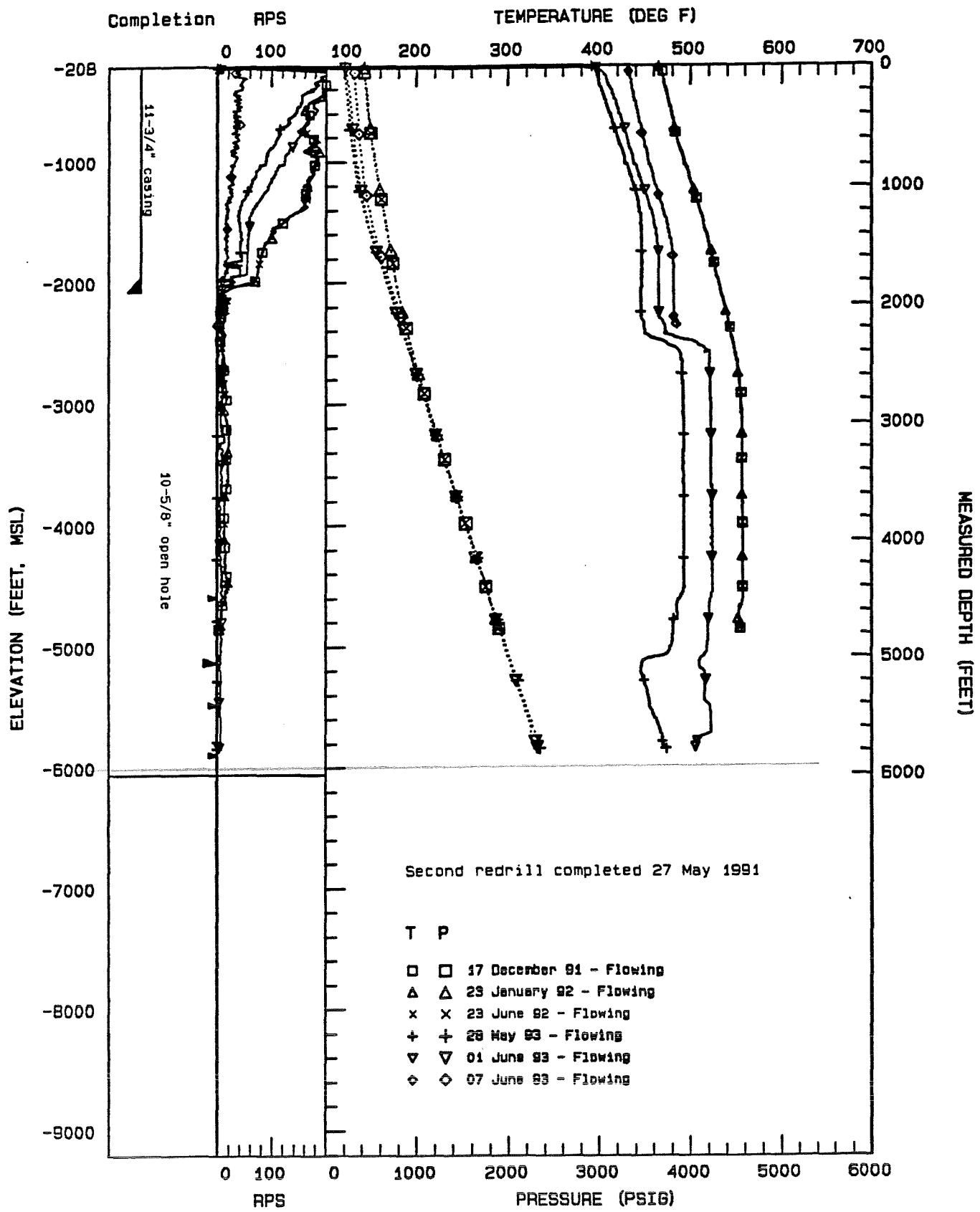
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-20 RD1



GeothermEx, Inc.

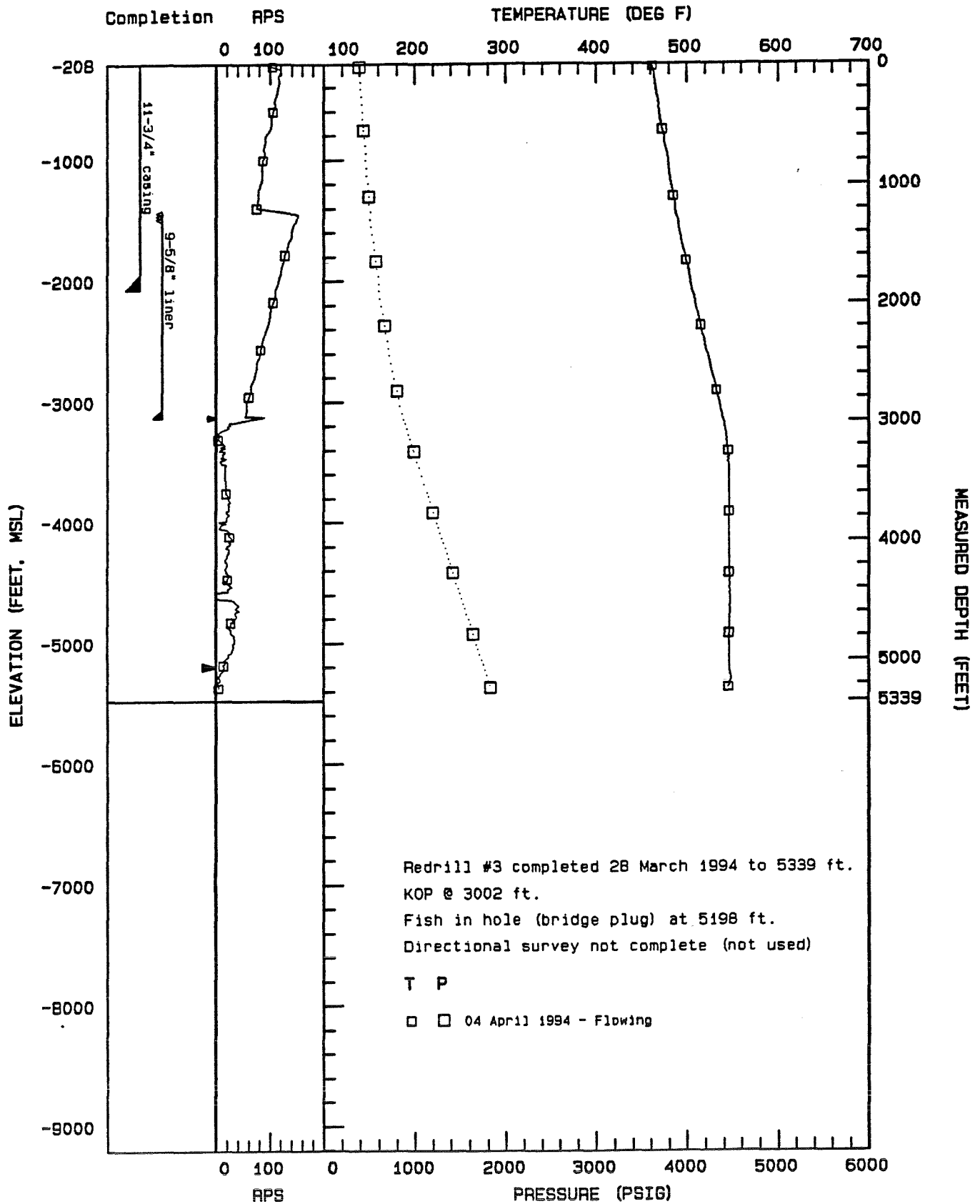
09-05-1994 A: T840323.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-20 RD2



GeothermEx, Inc.

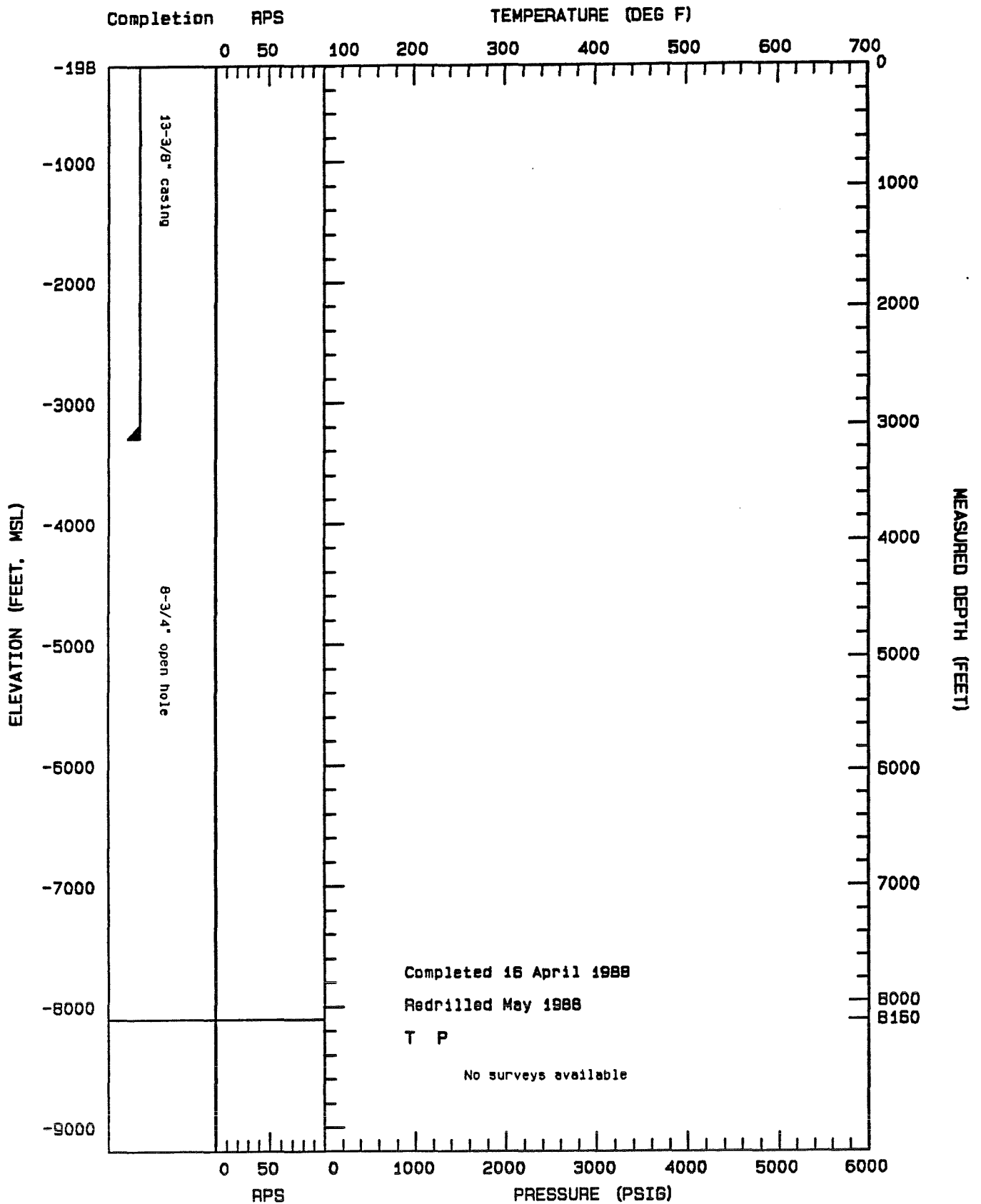
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-20 RD3



Redrill #3 completed 28 March 1994 to 5339 ft.
 KOP @ 3002 ft.
 Fish in hole (bridge plug) at 5198 ft.
 Directional survey not complete (not used)

T P
 □ □ 04 April 1994 - Flowing

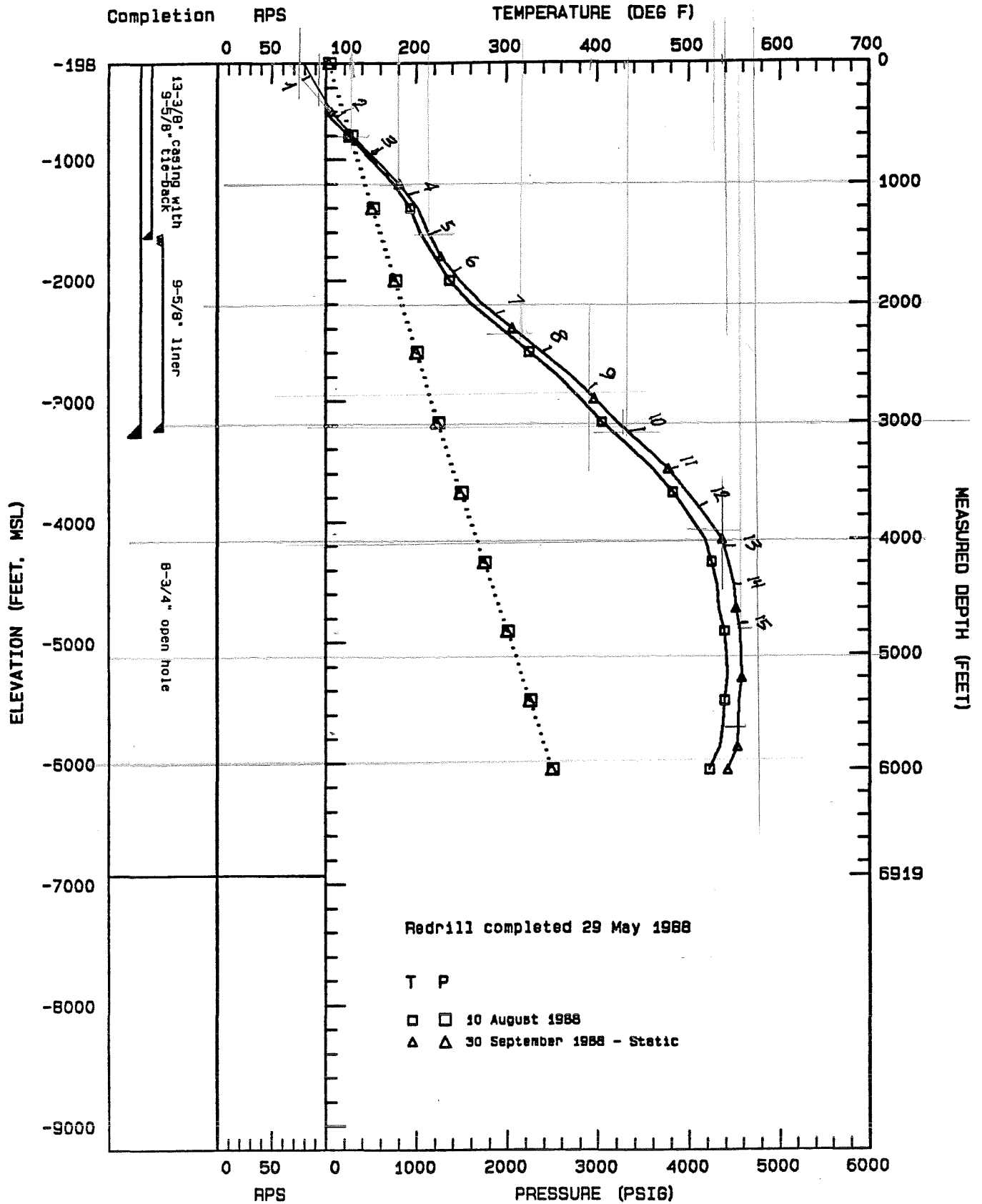
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-21 OH



GeothermEX, Inc.

08-06-1994 A: DUMMY.PLT

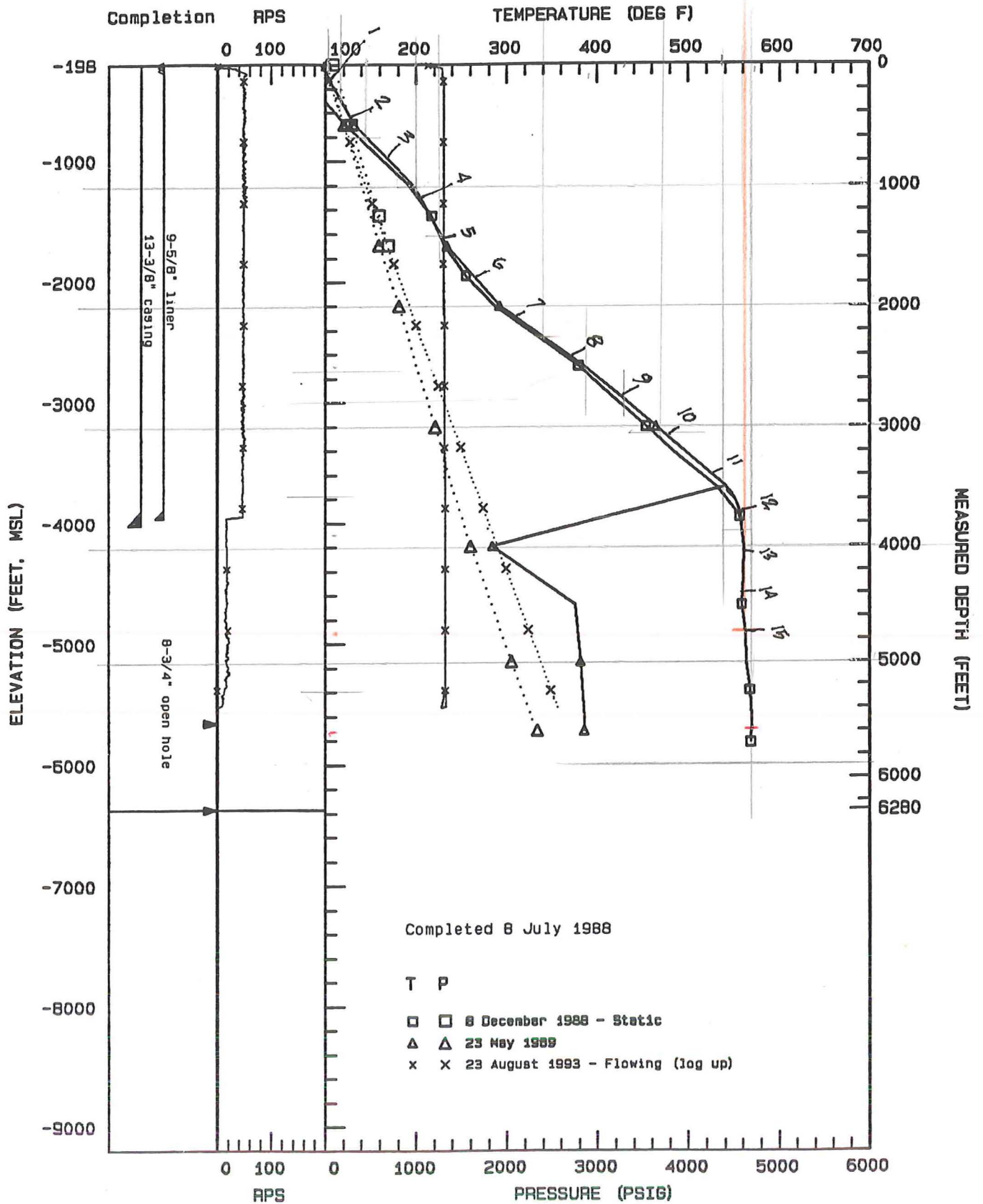
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-21 RD1



GeothermEX, Inc.

09-08-1984 A: TP880810.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-22

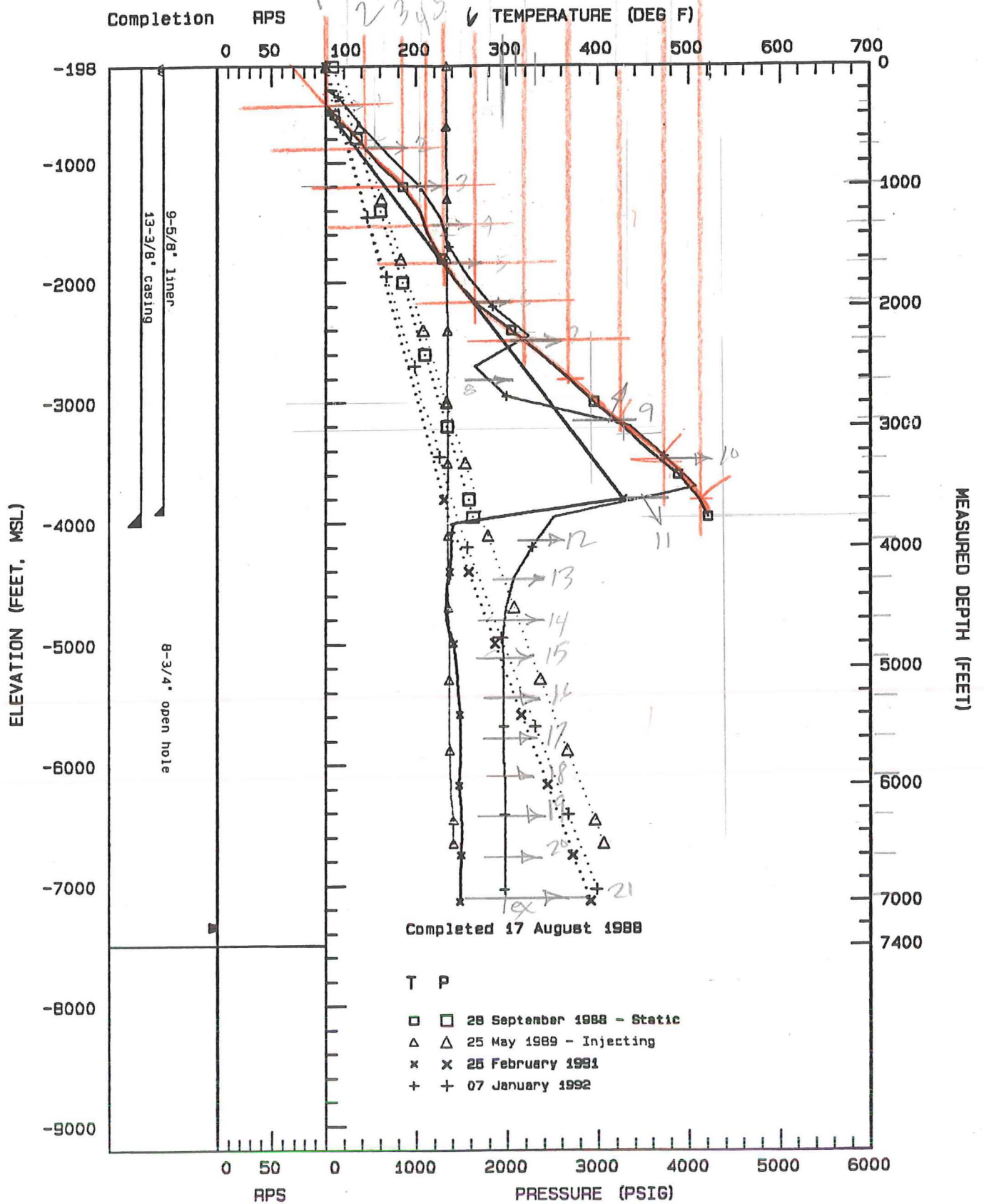


Completed 8 July 1988

T P

- □ 8 December 1988 - Static
- △ △ 23 May 1989
- x x 23 August 1993 - Flowing (log up)

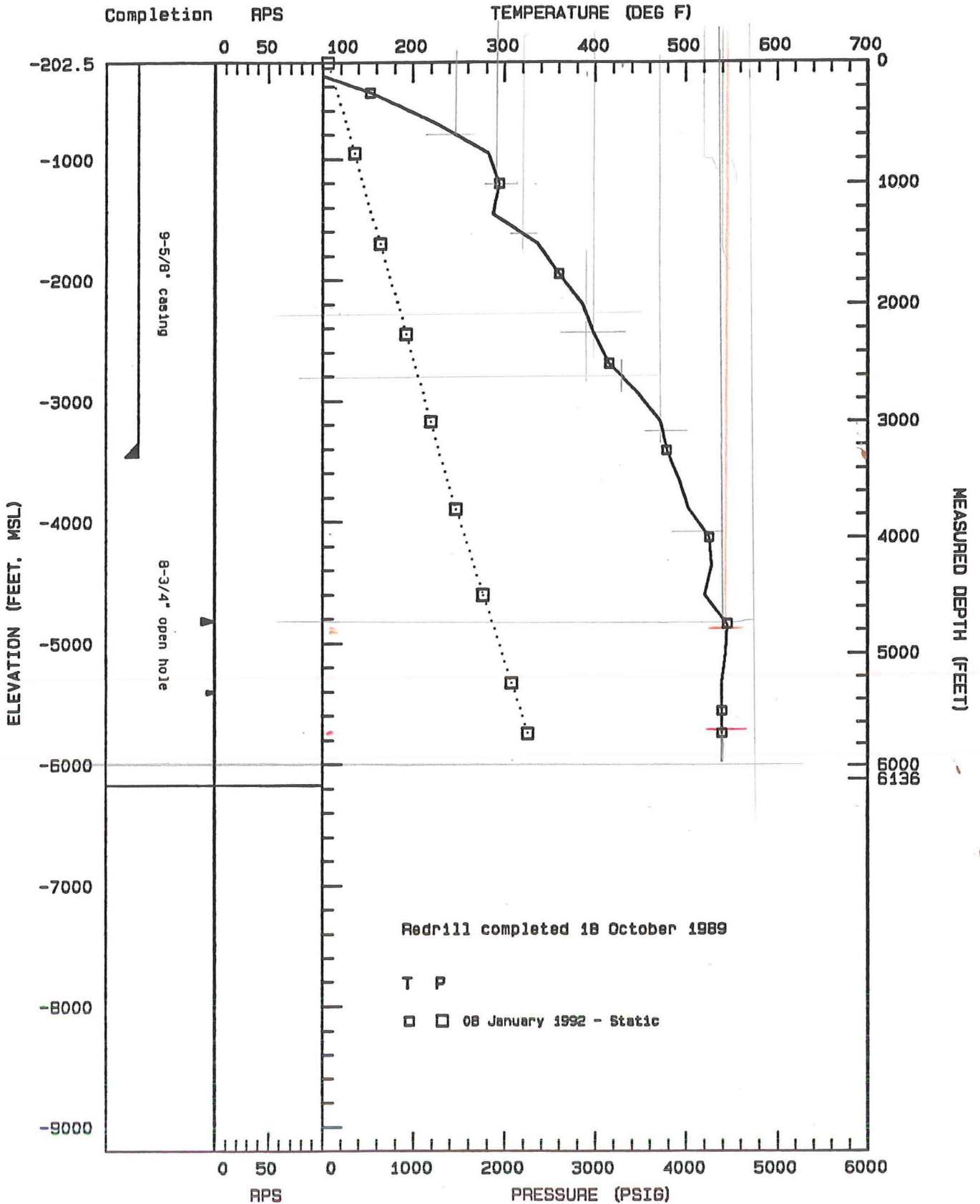
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-23



GeothermEx, Inc.

09-07-1994 A: TP880928.PLT

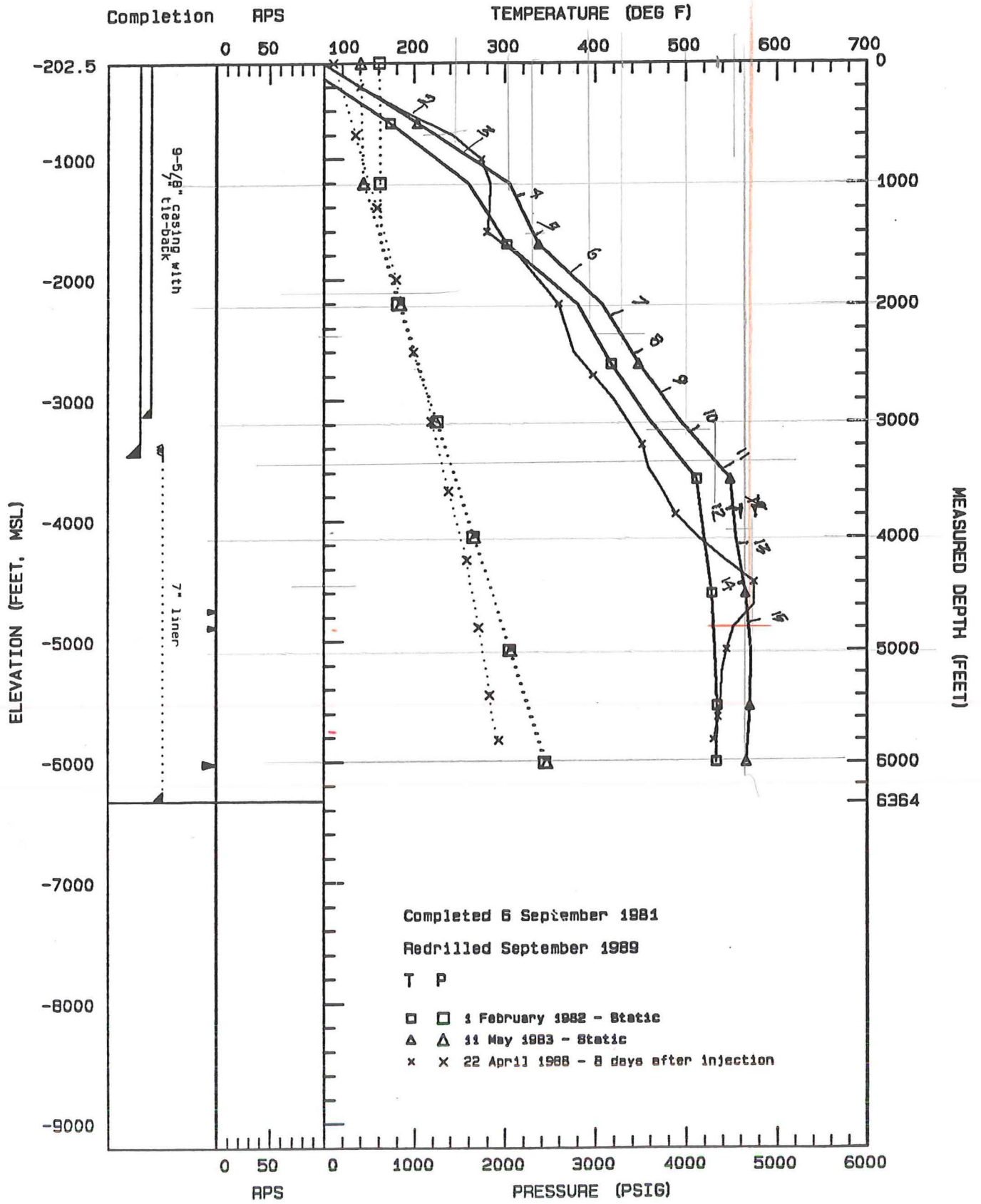
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-25 RD1



GeothermEx, Inc.

09-06-1994 A: TP920108.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-25 ST1



Completed 6 September 1981

Redrilled September 1989

T P

□ □ 1 February 1982 - Static

△ △ 11 May 1983 - Static

x x 22 April 1988 - 8 days after injection

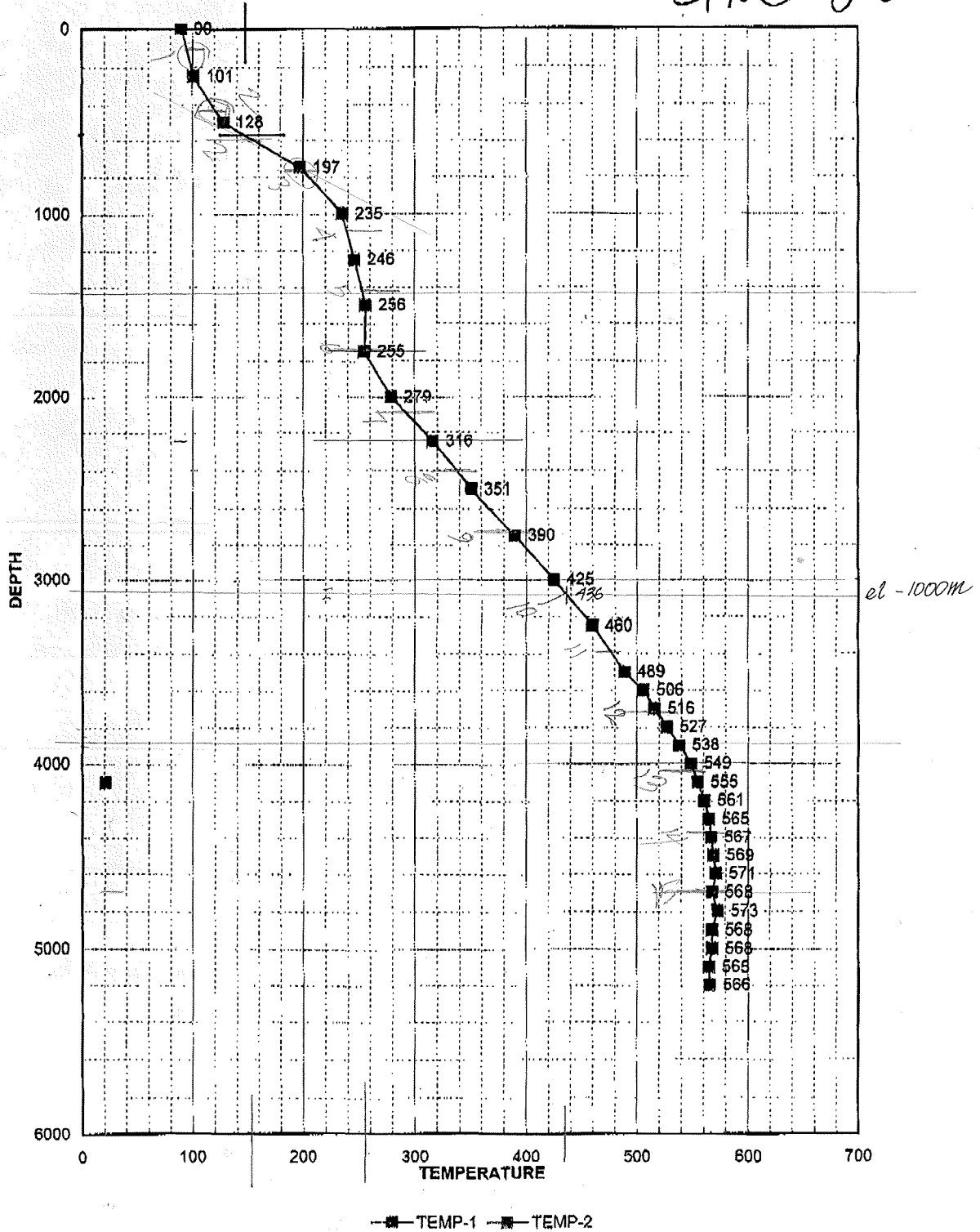
GeothermEx, Inc.

09-20-1994 A: PT820201.PLT

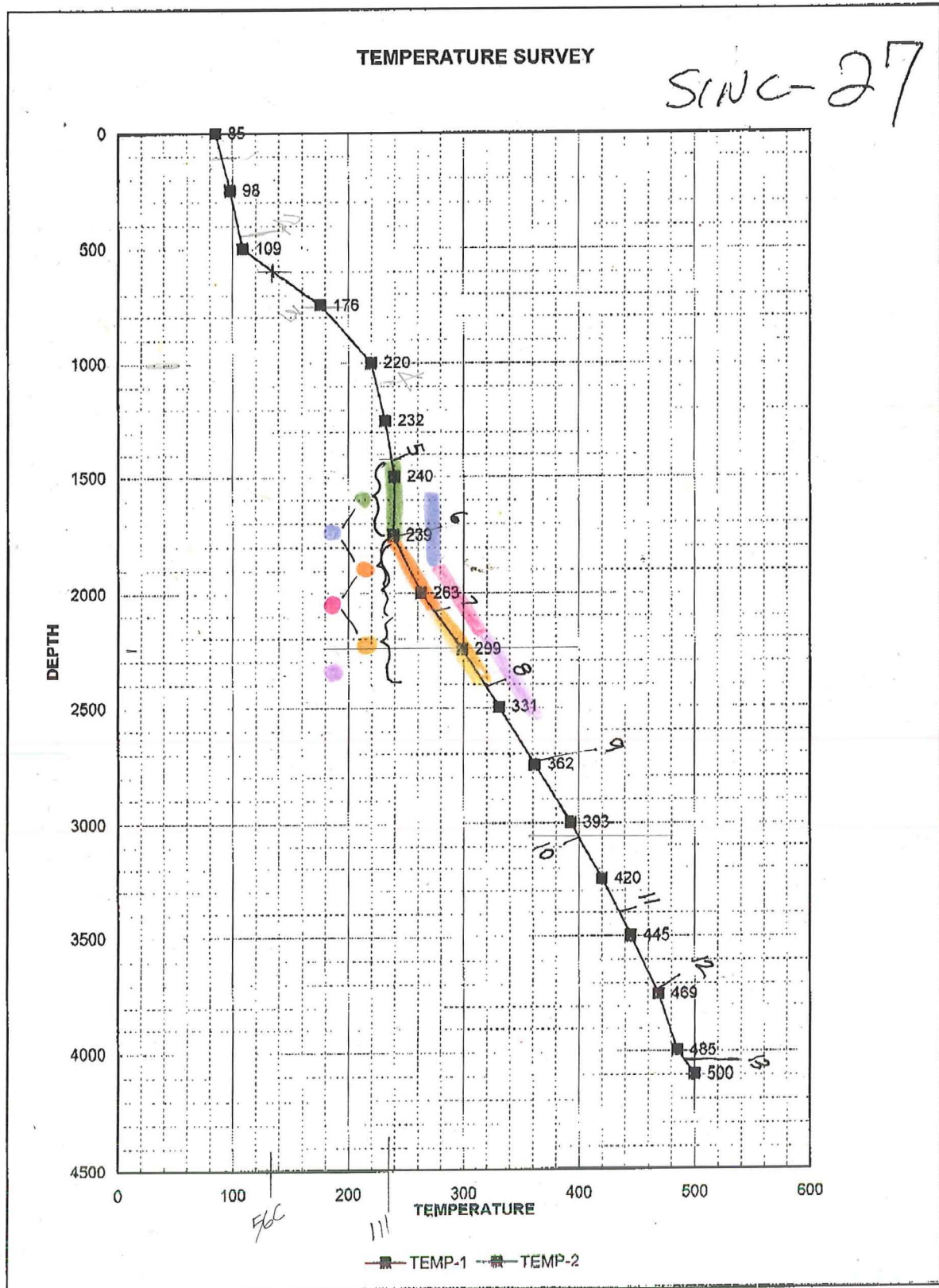
SINC-26 10-28-95

TEMPERATURE SURVEY

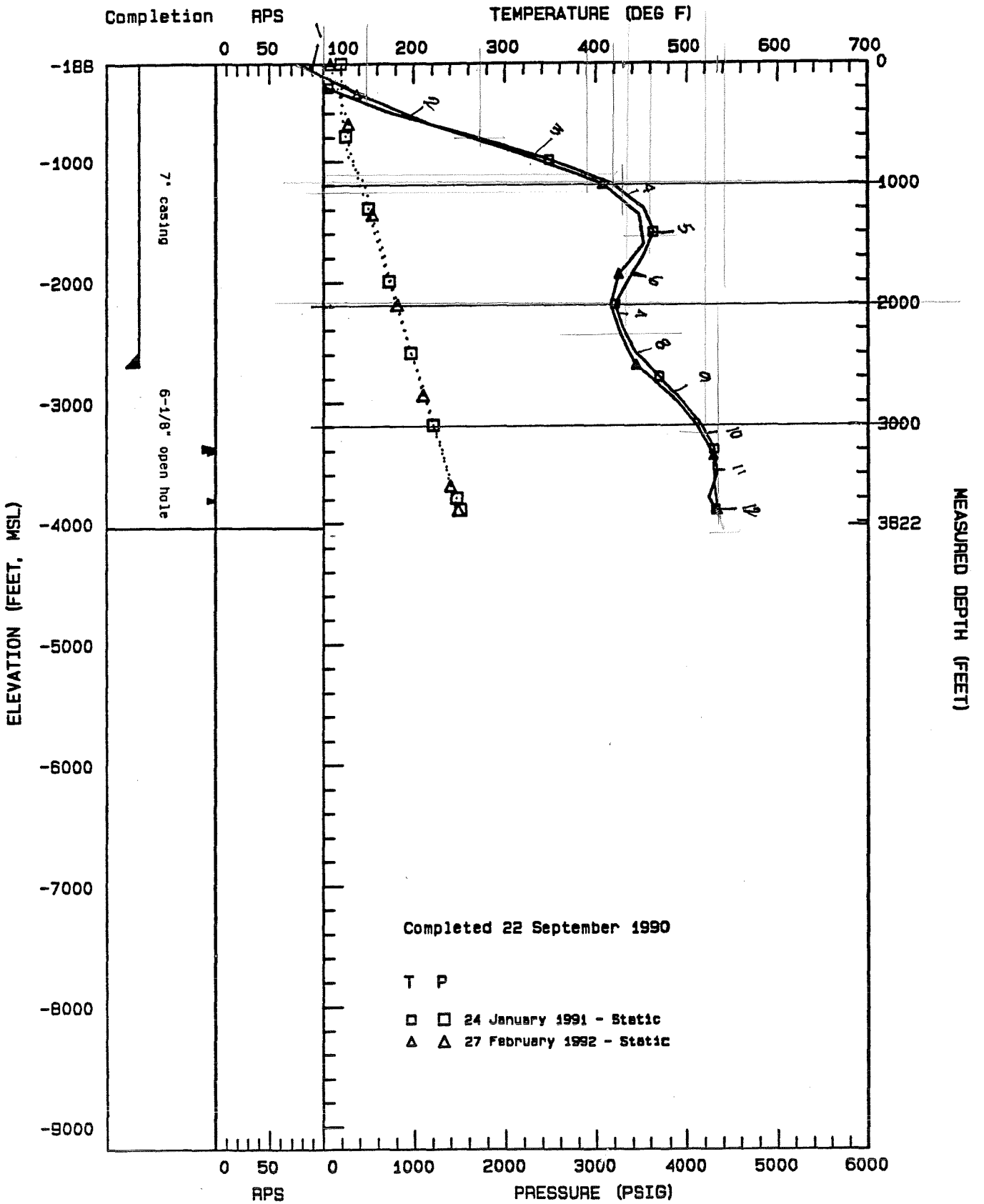
SINC-26



TEMP

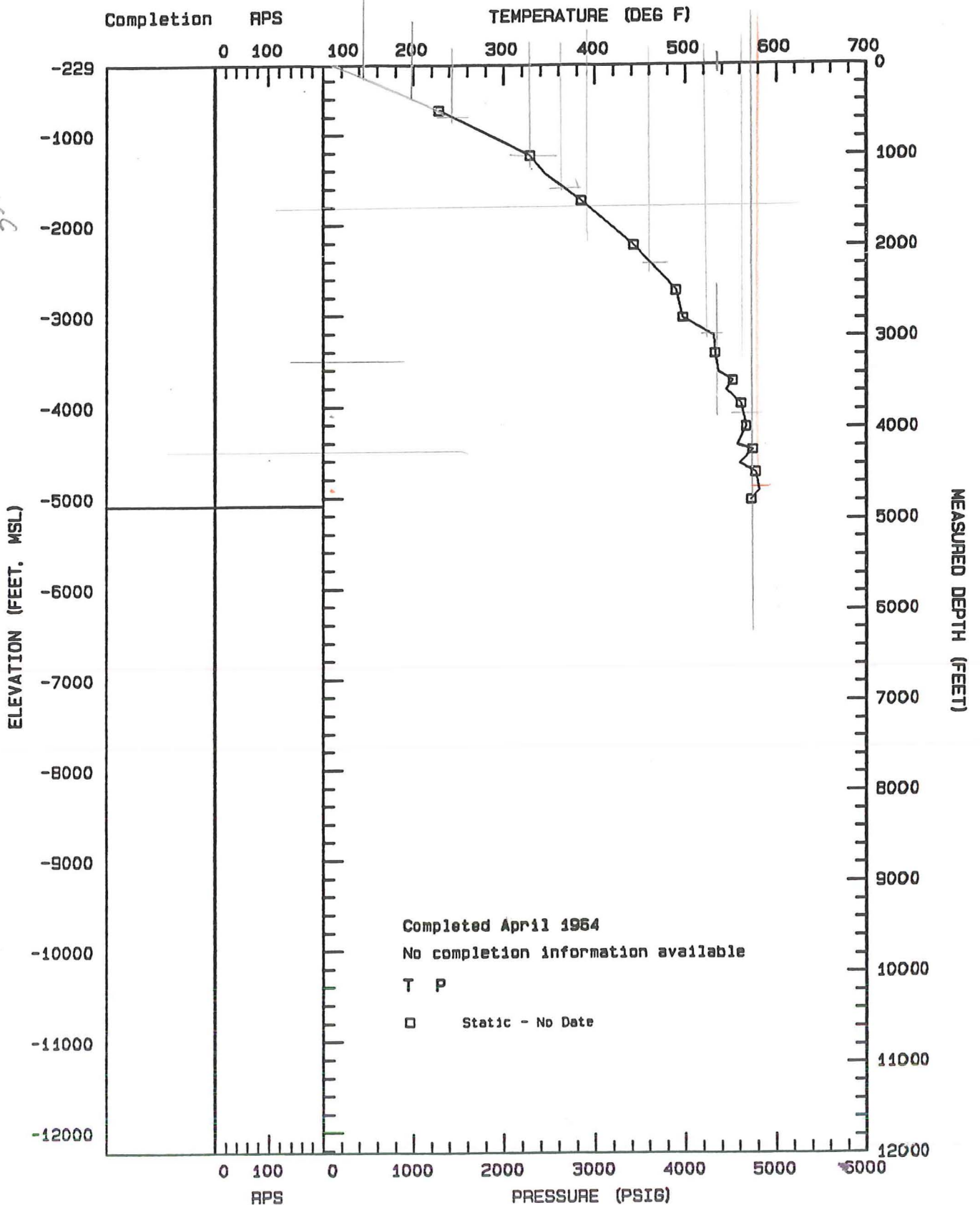


DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SINCLAIR-30



DOWNHOLE SUMMARY PLOT, SALTON SEA WELL STATE OF CALIFORNIA #1

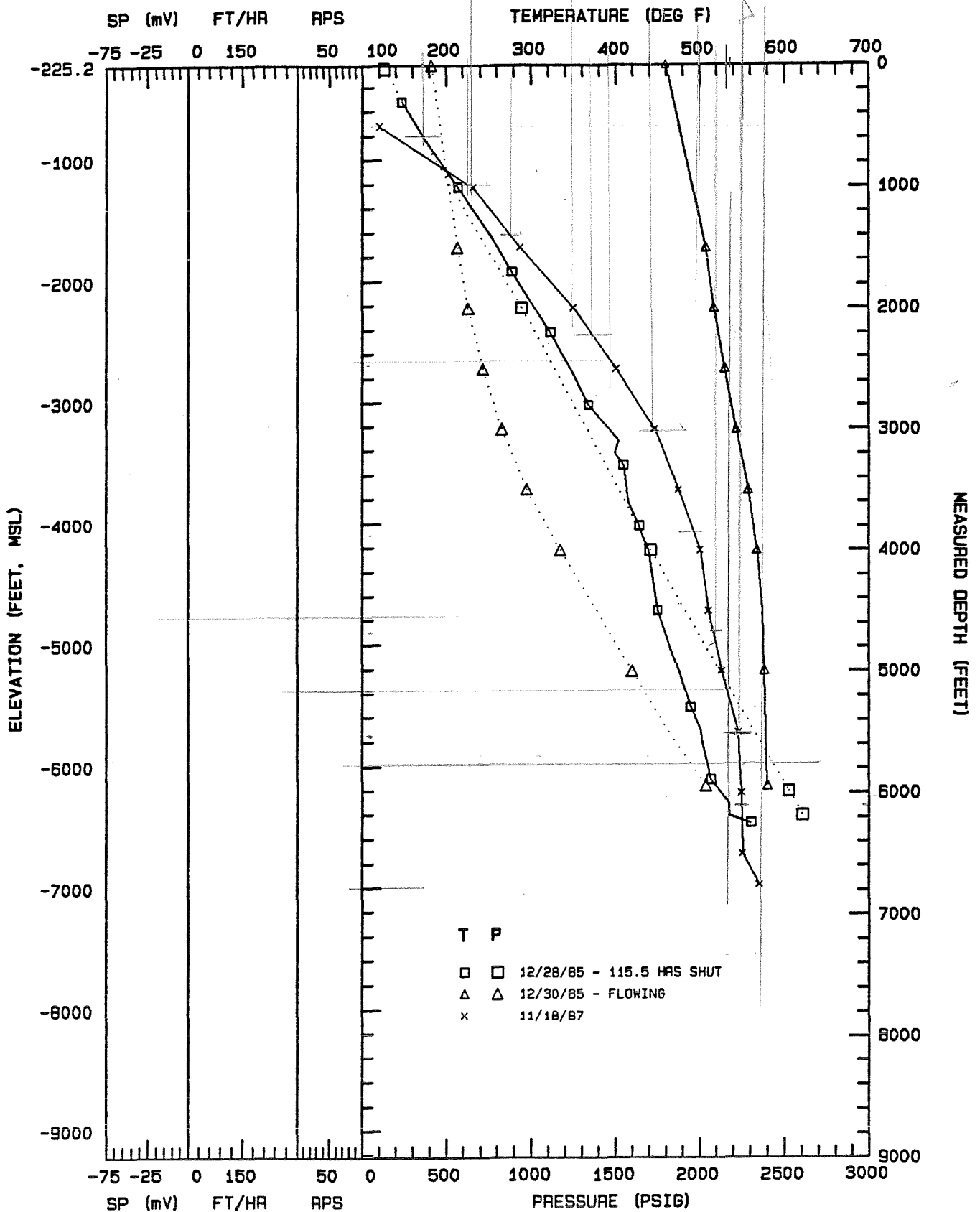
3313



GeothermEx, Inc.

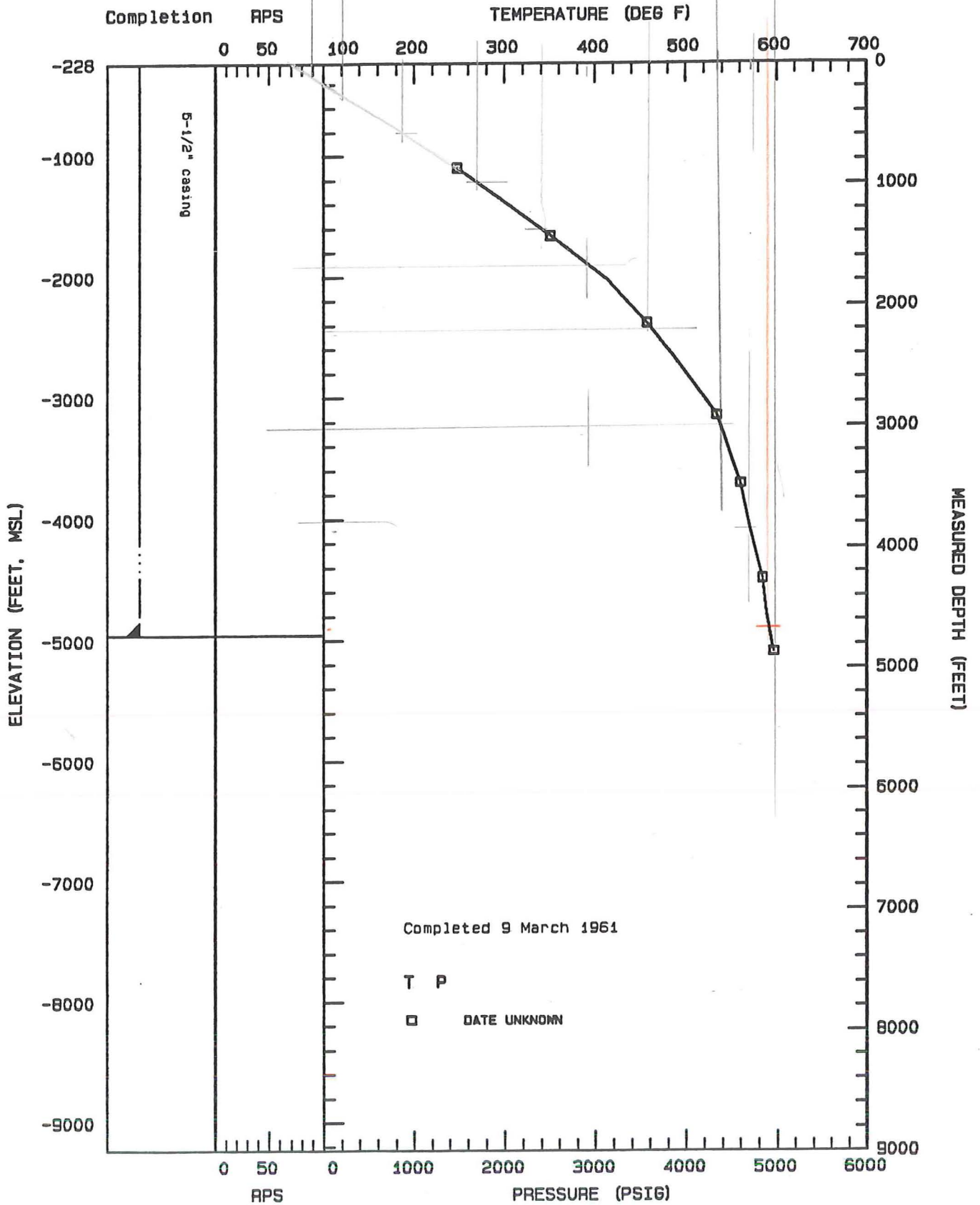
01-24-1995 A: STFCAL1.PLT

WELL STATE 2-14 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.

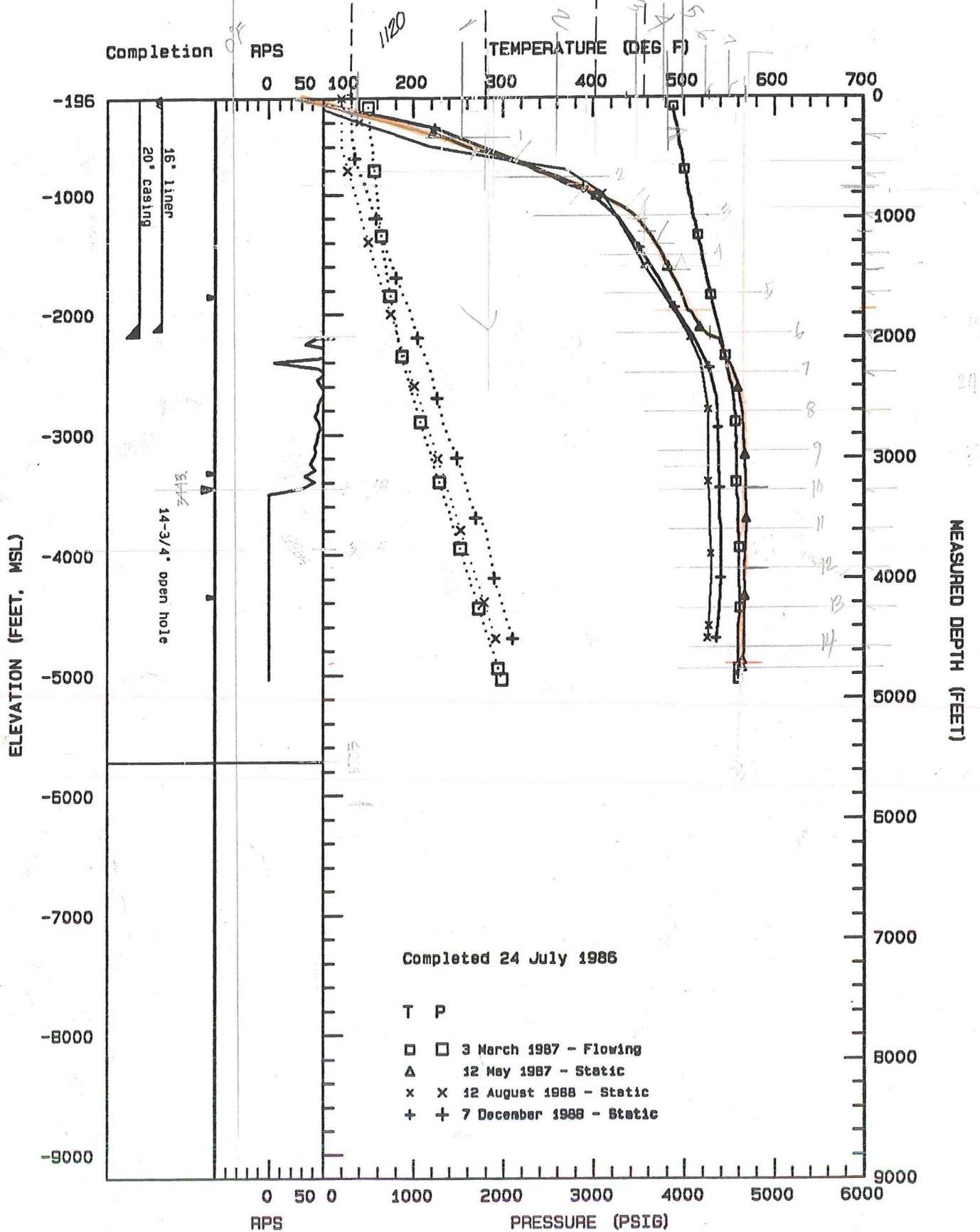
DOWNHOLE SUMMARY PLOT, SALTON SEA WELL SPORTSMAN 1



GeothermEx, Inc.

09-14-1994 A: SPORT1.PLT

DOWNHOLE SUMMARY PLOT, SALTON SEA WELL VONDERAHE-1



GeothermEx, Inc.

09-08-1994 A: TP887033.FLT

4057

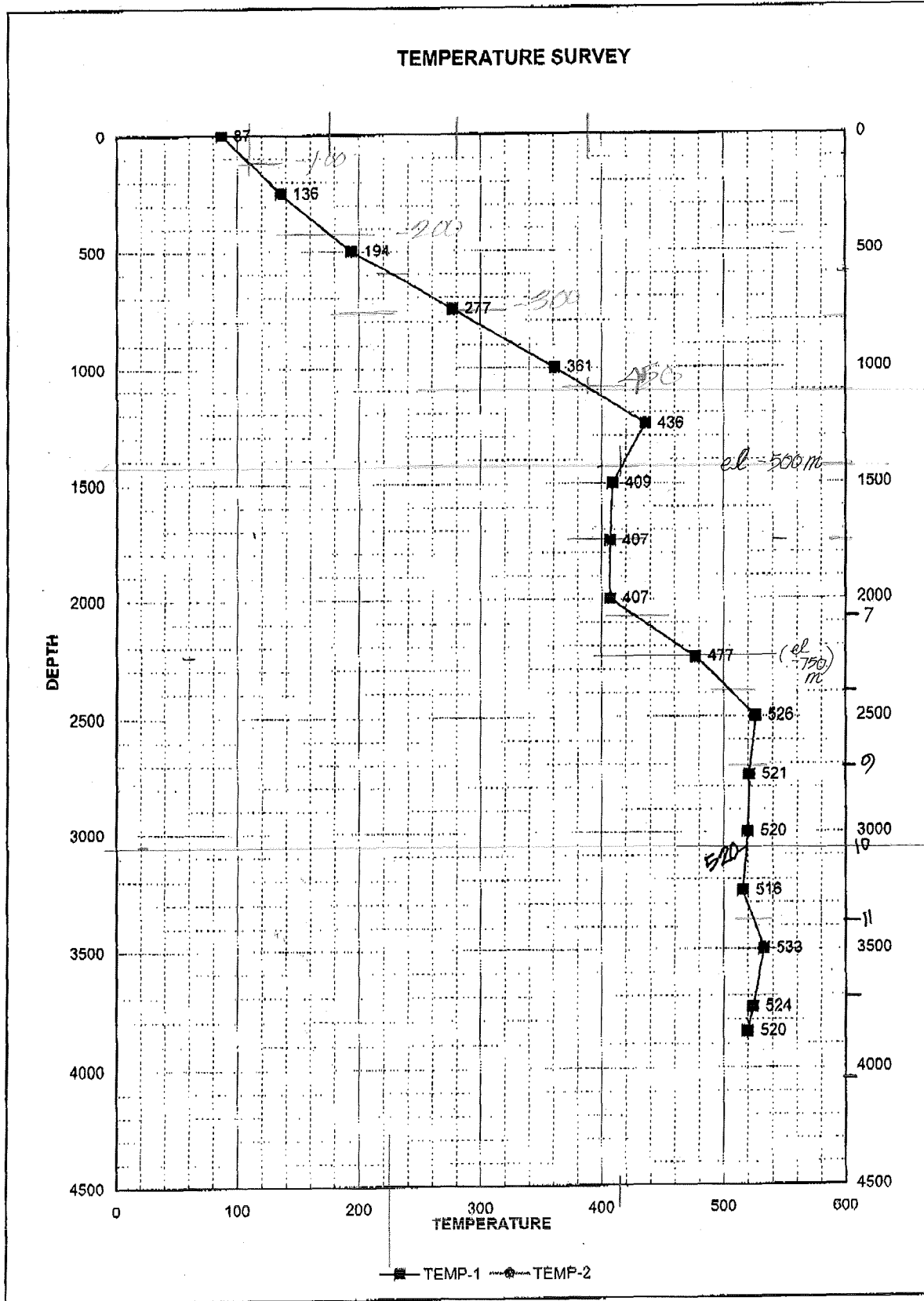
-225

-106 m =
-328'
328
225
103

TEMP

VON-2

TEMPERATURE SURVEY



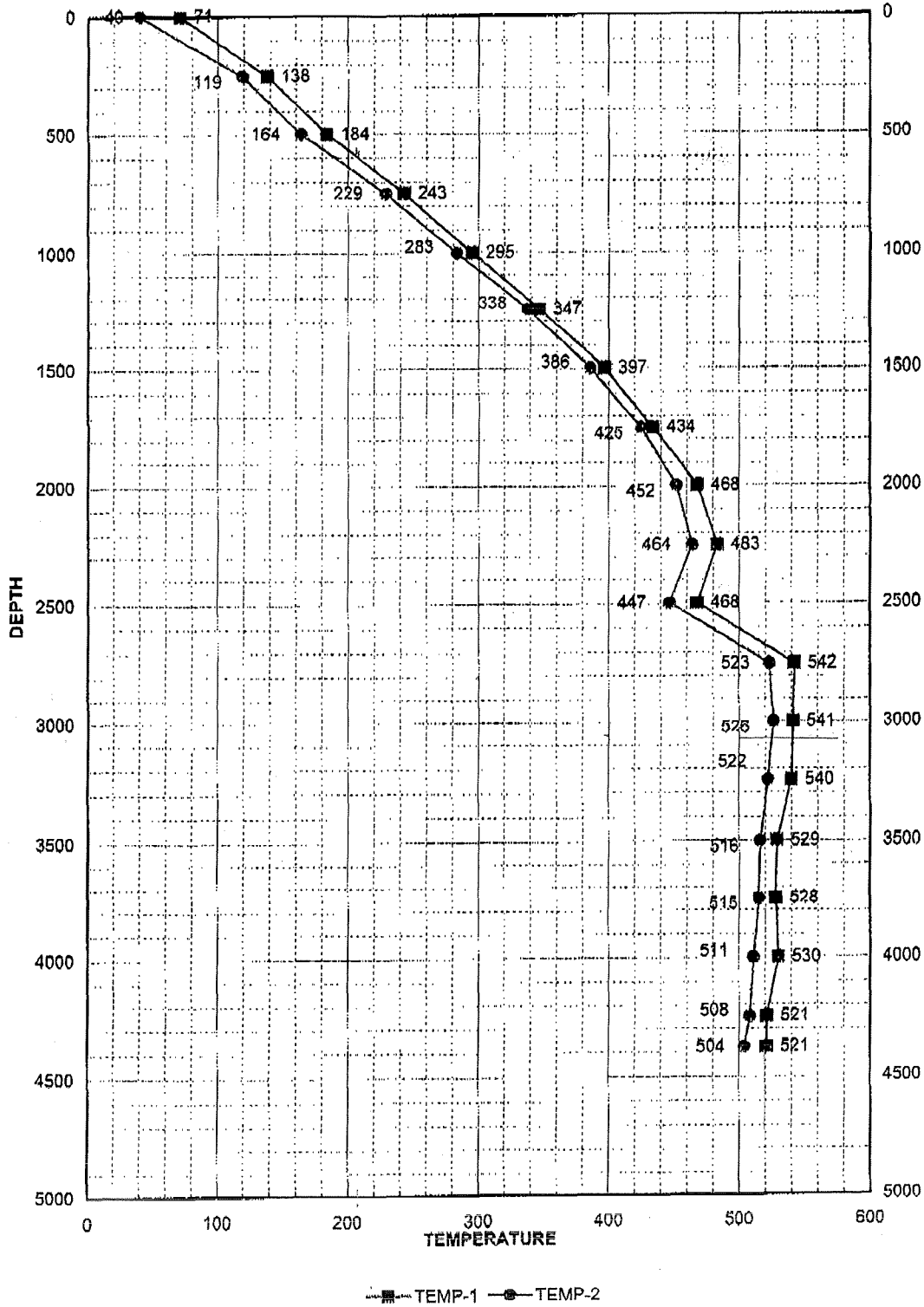
11/1000
1000
1000
1000

el (-) 1000m

CAL ENERGY OPERATING COMPANY

VON-3

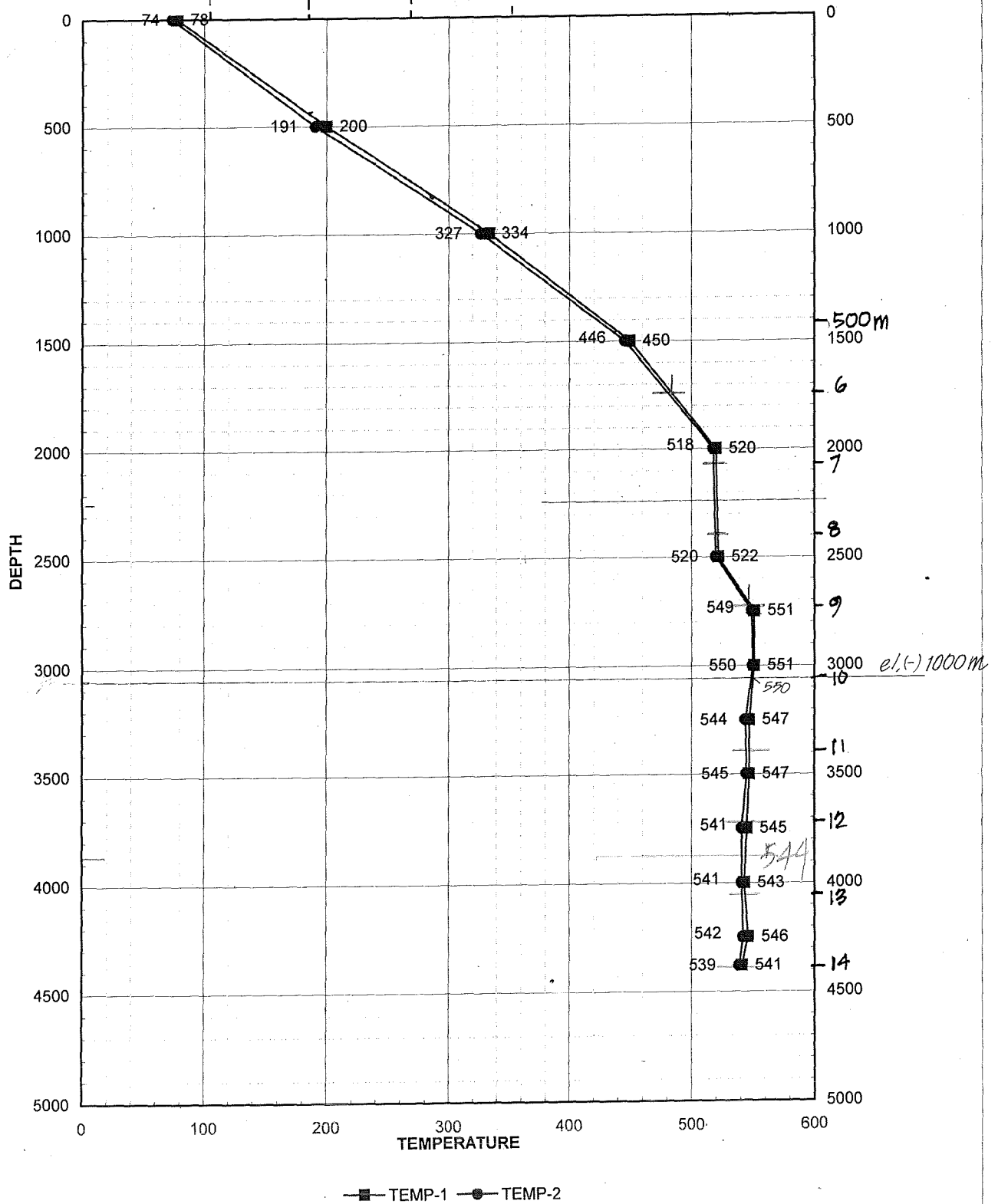
TEMPERATURE SURVEY



VON-3 GRADIENT TEMPERATURE SURVEY
1/9/97

41.67
101.7
73
1000
73
1000
101.7

TEMPERATURE SURVEY

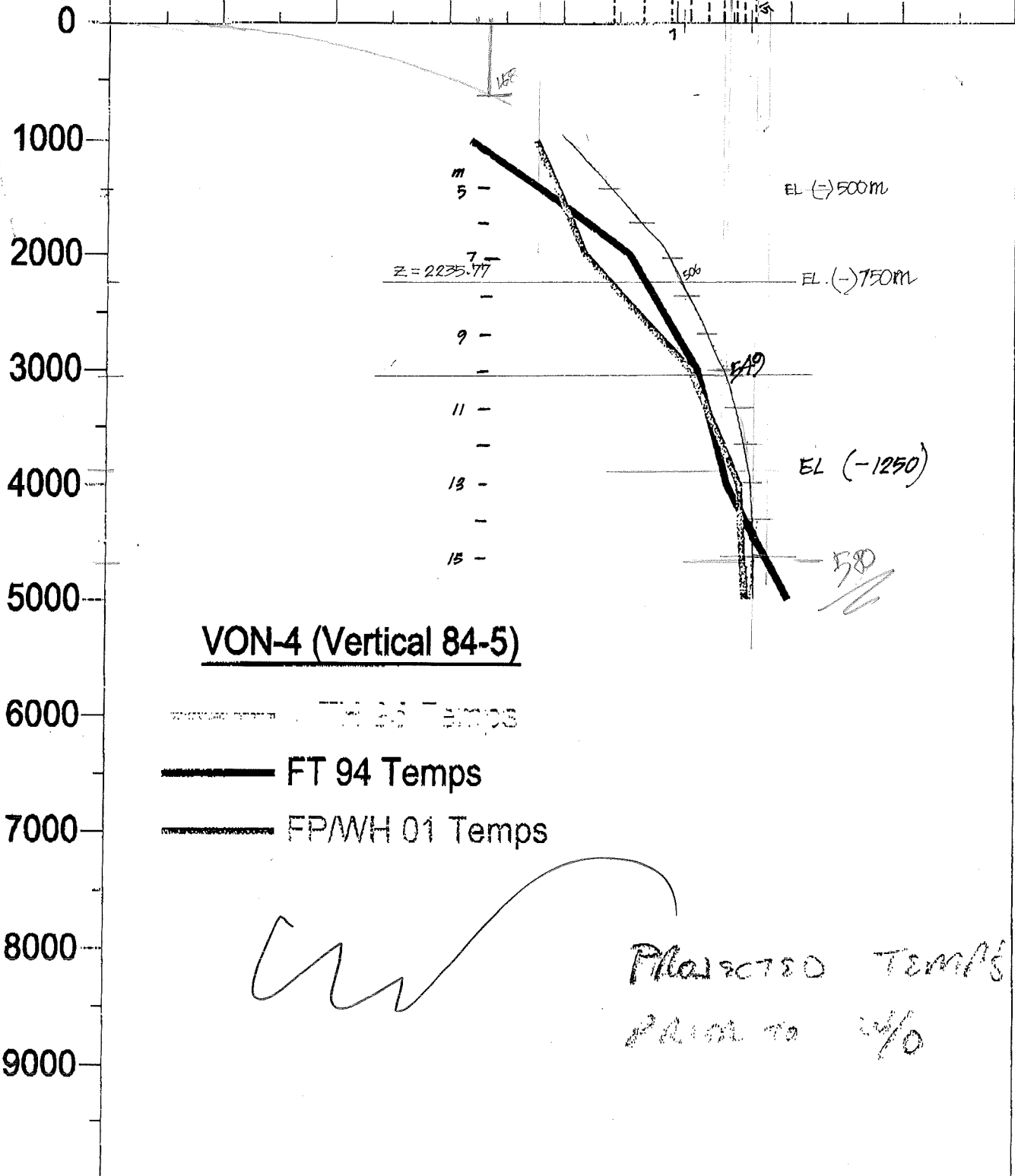


VON-3 GRADIENT PTT SURVEY
4/16/97

931.43

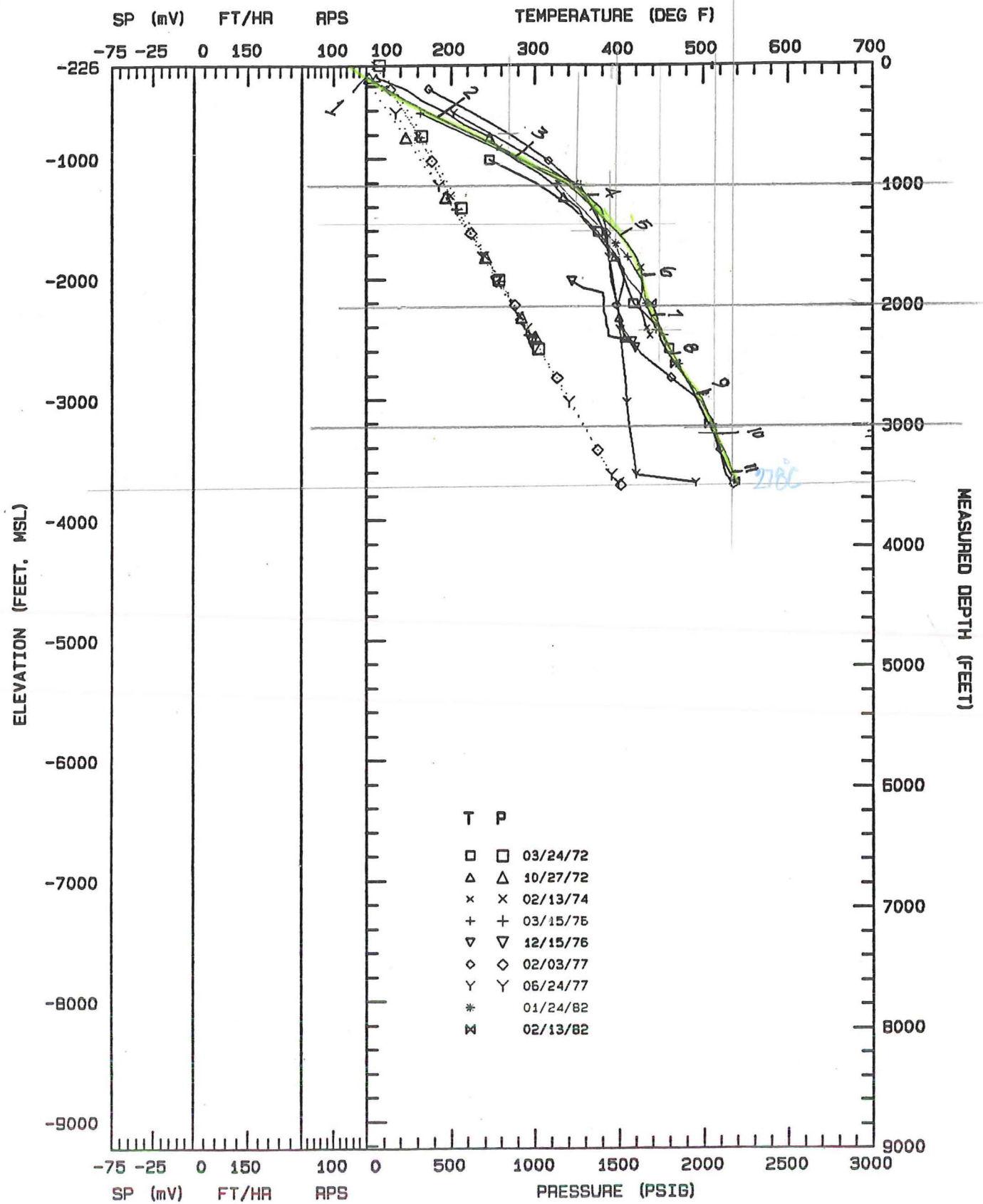
TEMPERATURE F

100 200 300 400 500 600 700



0
1000
2000
3000
4000
5000
6000
7000
8000
9000

WOOLSEY 1 - DOWNHOLE SUMMARY PLOT



GeothermEx, Inc.