

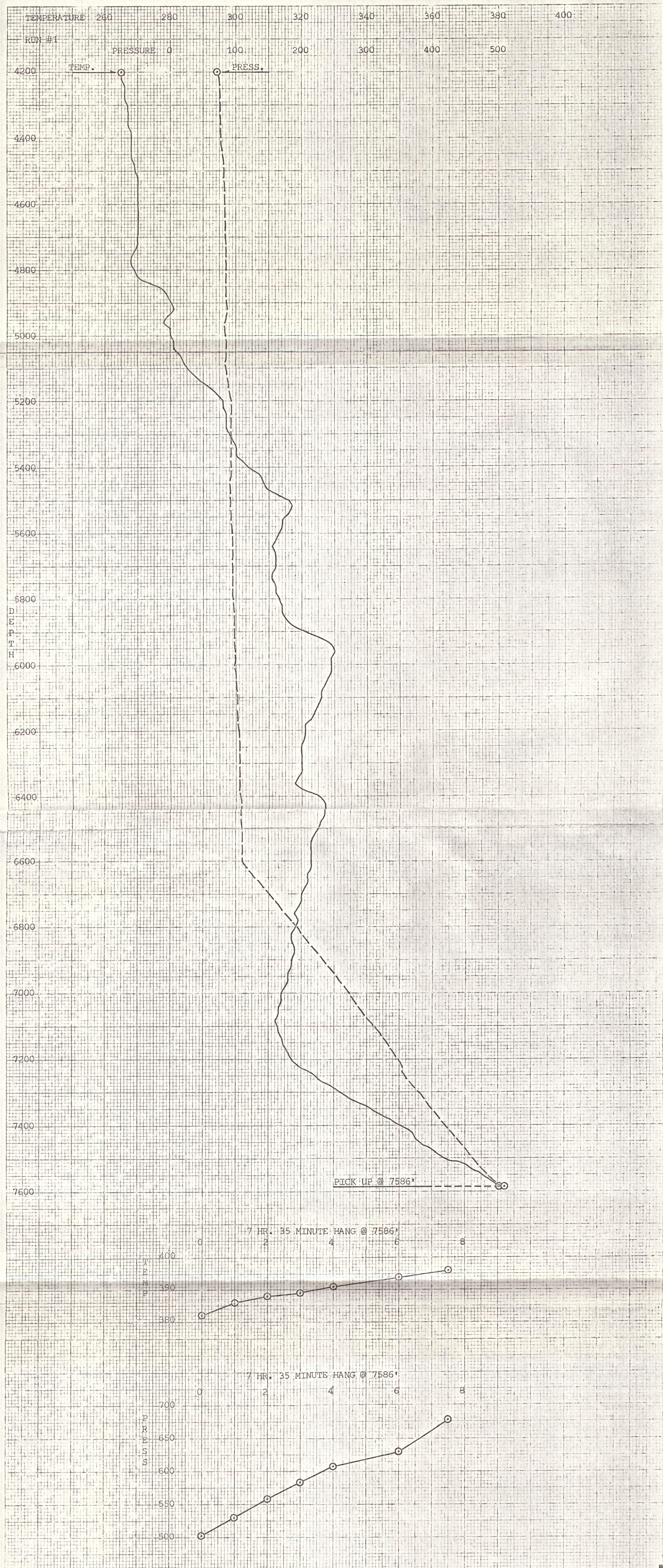
SUBSURFACE SURVEY

OWNER	THERMOGENICS, INC.	FIELD	GEYSERS	WELL NAME	K - 1A
CASING		ELEV.		DATE	May 1, 1978
LINER DESCRIPTION	Open hole @ 4200'			ZERO POINT	Mat.
PERFORMATIONS				MPP	
TUBING DETAIL				DEPTH	7574' ZONE

WELL STATUS	Static	PUMP SHOE		ON PRODUCTION	
SURVEYED	TUB. <input checked="" type="checkbox"/> ANN <input type="checkbox"/>	SHUT IN		DISENGAGE STYLUS	
PICK UP @	7586'	ENGAGE STYLUS	1:11 am	TIME OFF BOTTOM	1:15 pm 5
ELEMENT RANGE	1800# - 100-558	TIME ON BOTTOM	5:75 am 5-1	CLOCK	12 hr. TURN 15
PURPOSE	STATIC TEMPERATURE & PRESSURE TRAVERSE SURVEY	SERIAL NO.	8109N, 10136	MAX. "F"	396.1 @ 7586'
REMARKS	Traverse 20' per minute from 4200' to pick up. 7 hour 35 minute hang @ 7586'				

STABILIZATION PERIOD	
PRESSURES:	START FINISH
DATE	5-1-78 5-1-78
CASING PSI OBS	75# 210#
CASING PSI COR	
TUBING PSI OBS	
TUBING PSI COR	
PRESS. STATUS	Static
INSTRUMENT HUNG @	7586'

BY: CONNELL & THOMAS



DEPTH	TEMP.	PRESS.	DEPTH	TEMP.	PRESS.	DEPTH	TEMP.	PRESS.	DEPTH	TEMP.	PRESS.
4200	265.6	72	5100	285.3	85	6000	329.7	97	6900	317.9	233
4220	265.8	74	5120	287.2	86	6020	329.2	100	6920	317.2	242
4240	266.0	75	5140	289.4	87	6040	328.7	100	6940	316.8	250
4260	266.3	75	5160	292.7	88	6060	327.6	101	6960	316.5	257
4280	266.5	76	5180	294.6	90	6080	326.9	102	6980	315.6	266
4300	267.0	76	5200	296.5	93	6100	326.0	102	7000	314.9	274
4320	267.4	76	5220	296.8	93	6120	325.1	102	7020	314.5	280
4340	267.2	76	5240	297.0	93	6140	324.4	102	7040	313.8	287
4360	267.7	77	5260	297.5	93	6160	323.0	103	7060	313.1	294
4380	268.2	77	5280	297.9	93	6180	321.8	103	7080	312.9	303
4400	268.4	77	5300	298.4	93	6200	321.6	104	7100	313.1	313
4420	268.4	77	5320	299.5	93	6220	321.1	105	7120	313.6	321
4440	268.6	79	5340	300.0	93	6240	320.9	106	7140	314.9	328
4460	268.6	81	5360	300.9	93	6260	320.5	106	7160	315.9	335
4480	269.3	82	5380	302.5	93	6280	320.7	106	7180	316.8	342
4500	269.6	82	5400	304.4	93	6300	320.2	106	7200	317.5	348
4520	270.0	82	5420	307.3	93	6320	320.0	106	7220	319.5	355
4540	270.3	83	5440	308.7	92	6340	319.3	106	7240	323.0	354
4560	270.5	83	5460	309.6	92	6360	318.2	106	7260	325.7	362
4580	270.5	83	5480	312.9	92	6380	320.5	106	7280	329.2	371
4600	270.0	84	5500	316.8	92	6400	325.7	107	7300	332.0	380
4620	270.0	84	5520	317.2	92	6420	327.1	108	7320	335.6	388
4640	270.0	84	5540	316.3	93	6440	327.6	108	7340	340.7	396
4660	270.5	84	5560	314.9	93	6460	327.1	108	7360	343.5	404
4680	270.5	84	5580	314.7	94	6480	326.4	108	7380	347.6	412
4700	270.7	84	5600	313.1	94	6500	325.5	109	7400	350.8	420
4720	270.0	85	5620	312.4	94	6520	234.6	109	7420	354.3	429
4740	269.8	85	5640	311.9	94	6540	323.9	109	7440	355.9	438
4760	268.9	85	5660	312.2	94	6560	323.2	110	7460	358.6	446
4780	268.6	85	5680	312.6	94	6580	323.0	110	7480	361.2	454
4800	269.3	85	5700	312.6	95	6600	323.2	111	7500	364.8	462
4820	270.5	85	5720	211.9	95	6620	323.0	118	7520	370.1	471
4840	274.5	85	5740	311.9	95	6640	322.8	126	7540	374.7	480
4860	278.3	85	5760	312.4	95	6660	322.1	135	7560	377.7	491
4880	279.0	85	5780	312.6	95	6680	321.8	143	7580	380.5	499
4900	280.8	86	5800	313.3	96	6700	320.7	151	7586	382.1	502
4920	281.3	87	5820	314.2	96	6720	320.0	161			
4940	279.9	85	5840	314.9	97	6740	319.3	167	7 hr. 35 min. HANG @ 7586'		
4960	278.7	83	5860	315.6	97	6760	318.8	175	0	382.1	502
4980	280.4	83	5880	317.5	97	6780	319.1	185	1 hr.	386.0	530
5000	280.6	84	5900	321.8	98	6800	318.6	194	2	388.0	558
5020	281.1	84	5920	326.2	99	6820	317.9	208	3	389.7	583
5040	281.8	84	5940	329.4	99	6840	317.9	208	4	391.5	608
5060	283.0	84	5960	330.3	99	6860	318.4	217	6	394.1	631
5080	284.8	84	5980	329.2	100	6880	318.4	226	7 hr. 35 min.	396.1	677