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GL03871

Open-File Report # NM/Baca- 19 b

BACA PROJECT
DATA AND REPORTS

WELLS

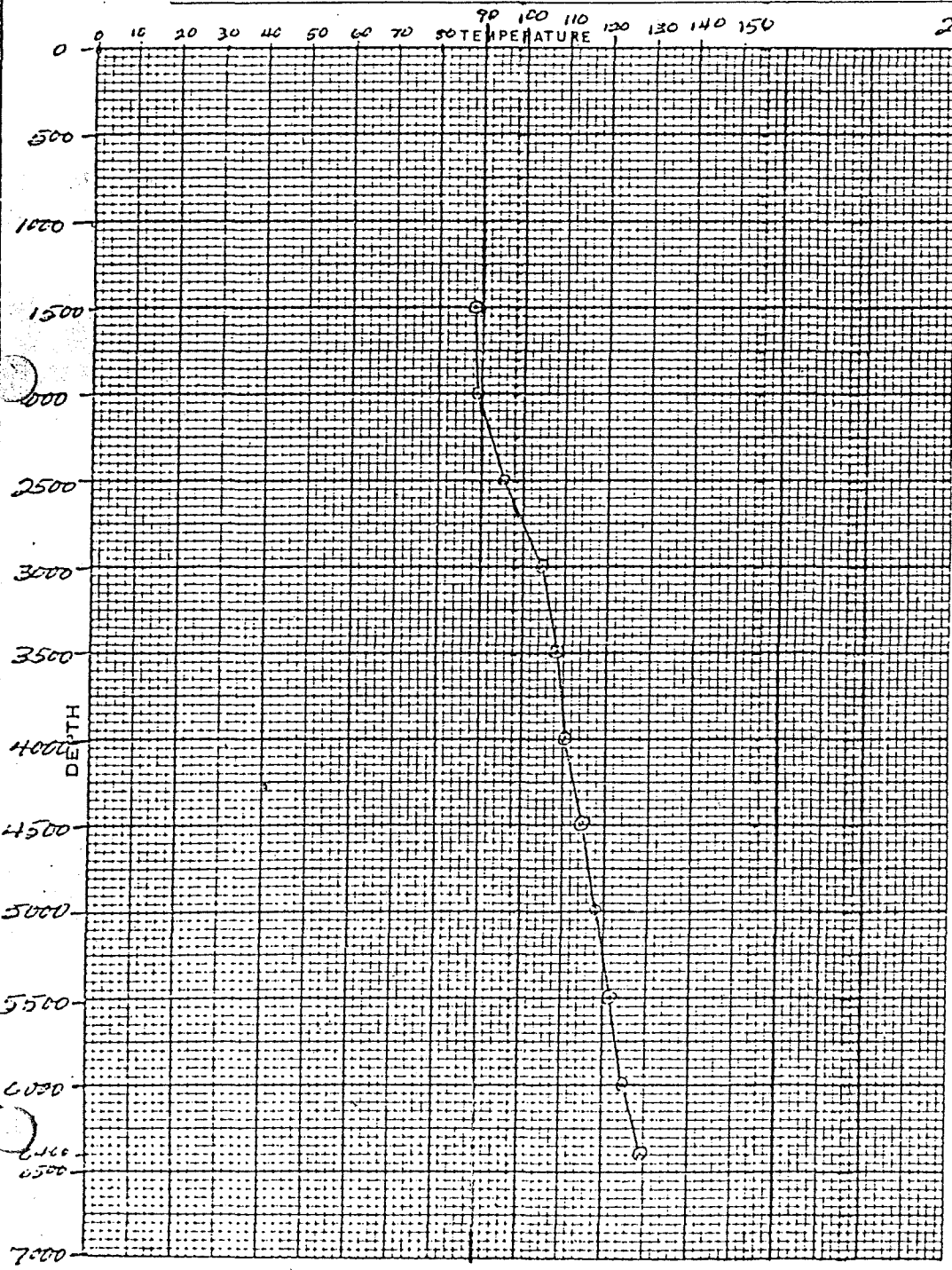
<u>No.</u>	<u>Transfer Date</u>	<u>Release Date</u>	<u>Title</u>
1.	A	A	Summary sheet for Baca Wells No's 1-3.
2.	A	A	Baca Wells No's 4-16 summary sheet.
3.	A	A	Well summary reports and Drilling Histories-- Baca Wells No's 4-16.
4.	B	B	Lithology logs--Baca Wells No's 4-16.
5.	A	A	Temperature and Pressure Surveys--Baca Wells No's 4-8 and 10-16.
	B	B	Electric logs for Baca Wells No's 10-14.

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G. OTHERMAL DIVISION

SUBSURFACE TEMPERATURE SURVEY *B5-S13-T*

OWNER UNION OIL OF CALIF FIELD VALLE GRANDE WELL NAME BACA #5
 CASING _____ ELEV 9259.5 DATE 9/4/74
 LINEAR DESCRIPTION: _____ ZERO POINT GLT 10'
 _____ DEPTH 6400'
 HOLE DESCRIPTION: _____ INSTRUMENT 88-698 FA _____
 _____ SERIAL NO 10055
 PURPOSE INJECTION SURVEY. MAX TEMP 129.3 °F @ 6400'
 REMARKS: _____



PRESSURES.	GAUGE	BOMB
CASING. PSI		

DEPTH	TEMP.	DEPTH	TEMP.
0	0		
500	0		
1000	0		
1500	88		
2000	89		
2500	95.6		
3000	104.7		
3500	105.2		
4000	110.8		
4500	114.7		
5000	118.3		
5500	125.9		
6000	124.7		
6400	129.3		

BY: *J-M*

76

GEOTHERMAL DIVISION

SUBSURFACE PRESSURE SURVEY

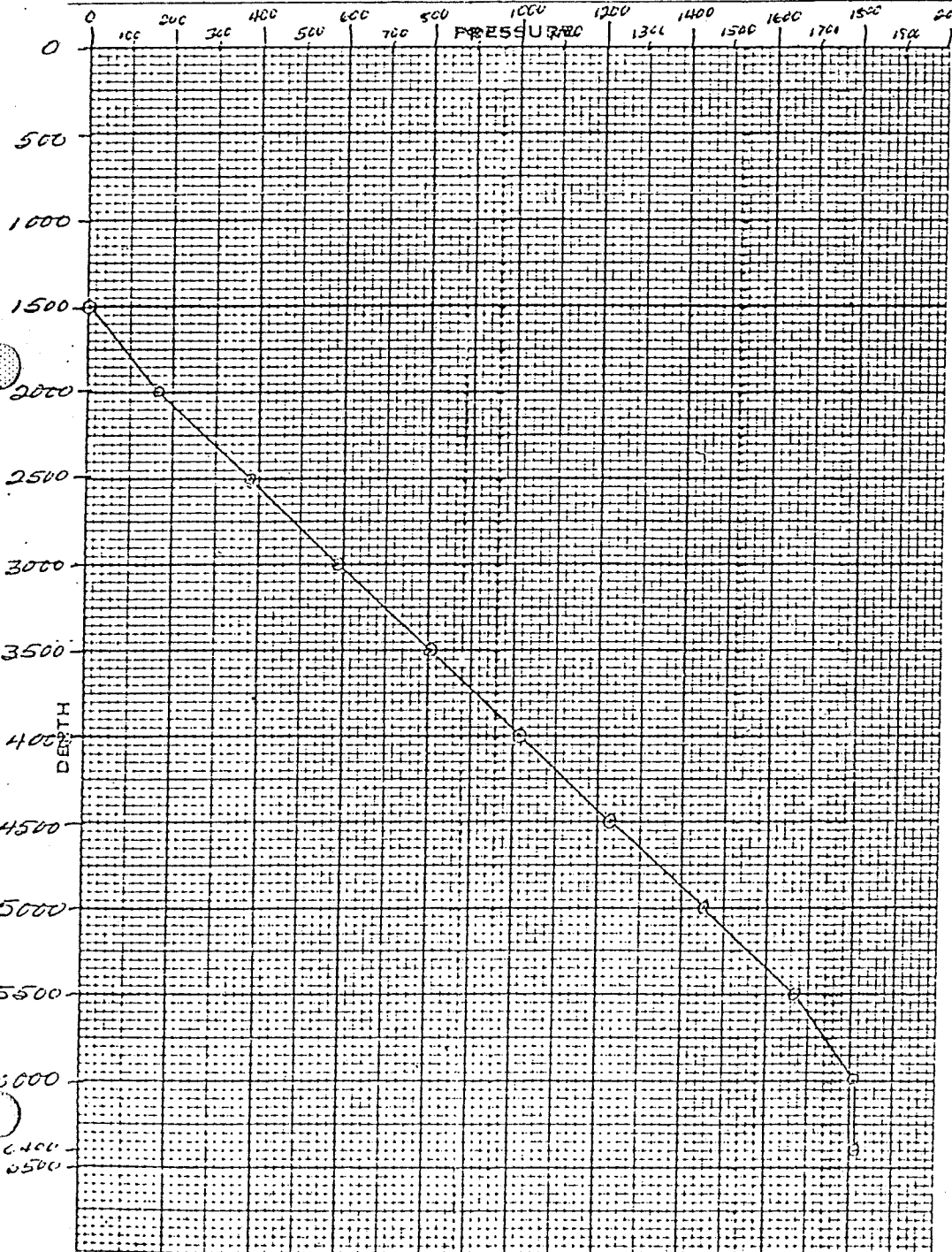
B5-S13-PRESS

OWNER UNION OIL OF CALIF FIELD VALLE GRANDE WELL NAME BACA # 5
 CABING _____ ELEV 9289.5 DATE 9/4/74
 LINER DESCRIPTION: _____ ZERO POINT GLT 10'
 _____ DEPTH 6400'

HOLE DESCRIPTION: _____
 _____ INSTRUMENT 0-2950 PS
 _____ SERIAL NO 9235

PURPOSE COLLECTION SURVEY MAX TEMP 129.3 °F @ 6400

REMARKS:



STABILIZATION PERIOD

PRESSURES.	GAUGE.	BCMP.
CASING. PSI	VAC	0

DEPTH	PRESSURE	GRADIENT
0	0	0
500	0	0
1000	0	0
1500	1.6	0
2000	160.4	.318
2500	350.1	.439
3000	583.3	.406
3500	803.6	.441
4000	1019.2	.431
4500	1233.0	.428
5000	1455.8	.446
5500	1665.7	.420
6000	1803.3	.275
6400	1806.2	1.007

BY: J.M.

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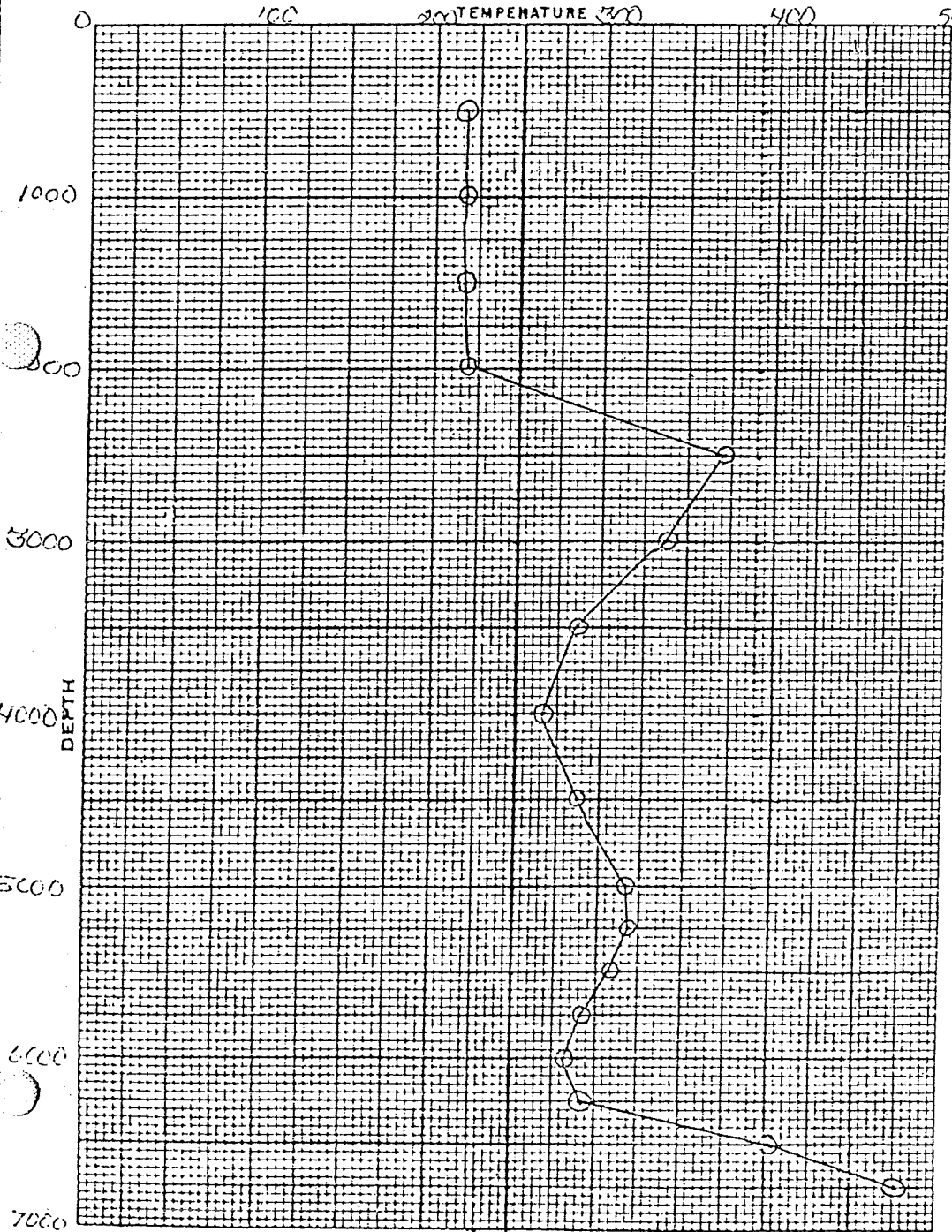
GLOTHERMAL DIVISION SUBSURFACE TEMPERATURE SURVEY

B5-54-PT

OWNER Union Oil Company FIELD _____ WELL NAME BACA No. 5
 CASING _____ ELEV 9320 GA DATE 3/7/74
 LINER DESCRIPTION: _____ ZERO POINT 61.4
 _____ DEPTH 6800 SURVEY
 HOLE DESCRIPTION: _____ INSTRUMENT _____ FAHP _____
 _____ SERIAL NO 10052

PURPOSE Temp and Pressure Gradient MAX TEMP 475.6 °F @ 6800'
 REMARKS: WHP 8 psig

STABILIZATION PERIOD _____



PRESSURES	GAUGE	BOMB	
CASING, PSI			
DEPTH	TEMP.	DEPTH	TEMP.
0	0		
500	217.4		
1000	218.9		
1500	219.6		
2000	219.3		
2500	372.8		
3000	339.8		
3500	286.9		
4000	267.8		
4500	287.5		
5000	316.1		
5250	319.1		
5500	309.7		
5750	291.1		
6000	283.7		
6250	291.1		
6500	401.2		
6800	475.6		

BY: J.K.

76

G. THERMAL DIVISION

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B-5-54-PT

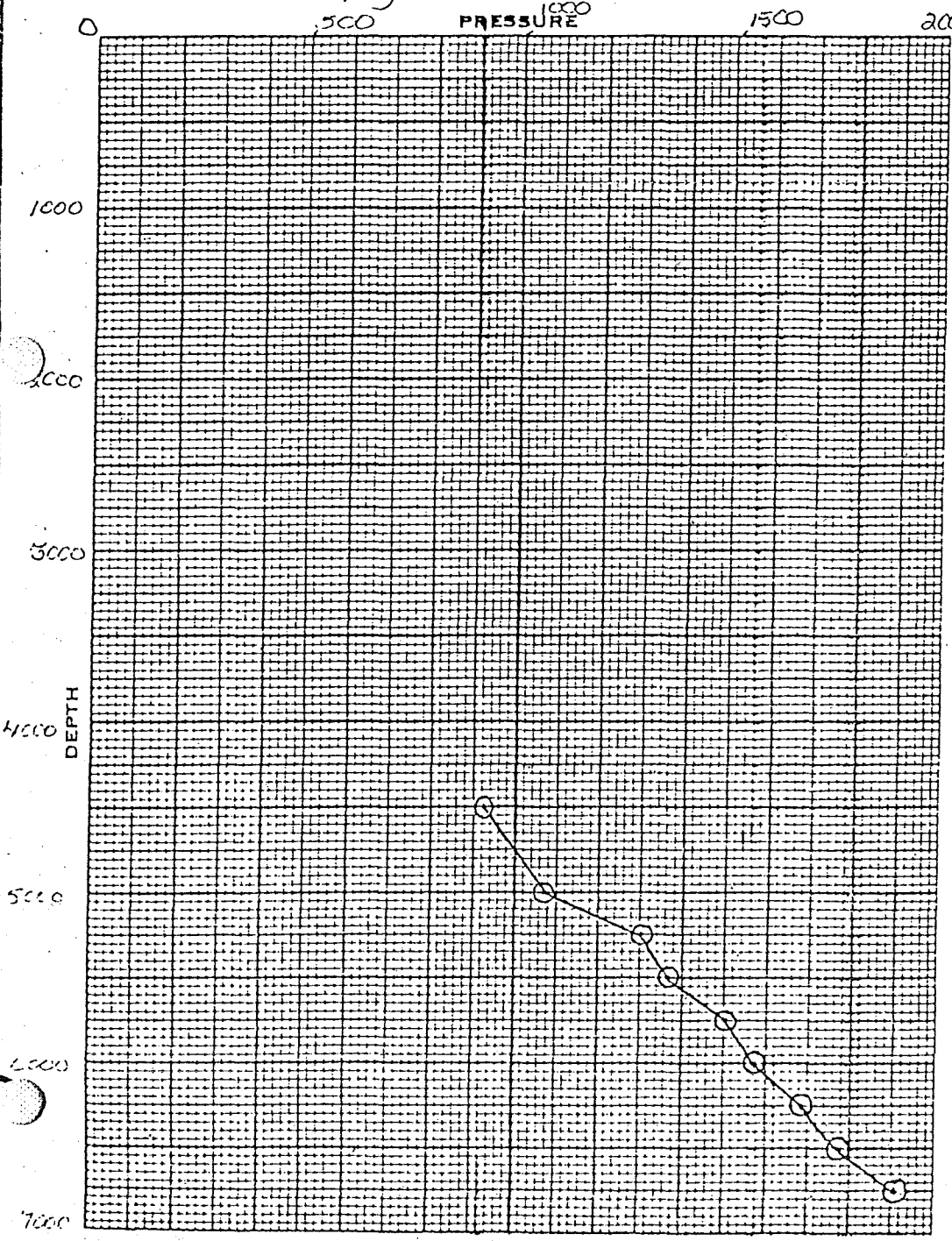
SUBSURFACE PRESSURE SURVEY

OWNER Union Oil Company FIELD _____ WELL NAME BACA No 5
 CASING _____ ELEV 9320 GL DATE 3/7/74
 LINER DESCRIPTION: _____ ZERO POINT GL ± 4
 _____ DEPTH 6800 Survey

HOLE DESCRIPTION: _____ INSTRUMENT _____ PSIG
 _____ SERIAL NO 4250

PURPOSE Temp and Pressure Gradient MAX TEMP 475.6 °F @ 6800'

REMARKS: WHP 8 psig STABILIZATION PERIOD _____



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
0	0	
4500	921.94	
5000	1074.15	
5250	1300.85	
5500	1375.00	
5750	1504.24	
6000	1579.39	
6250	1652.20	
6500	1777.54	
6800	1902.54	

BY: _____

UNION

GEOHERMAL DIVISION

85-36P

SUBSURFACE PRESSURE SURVEY

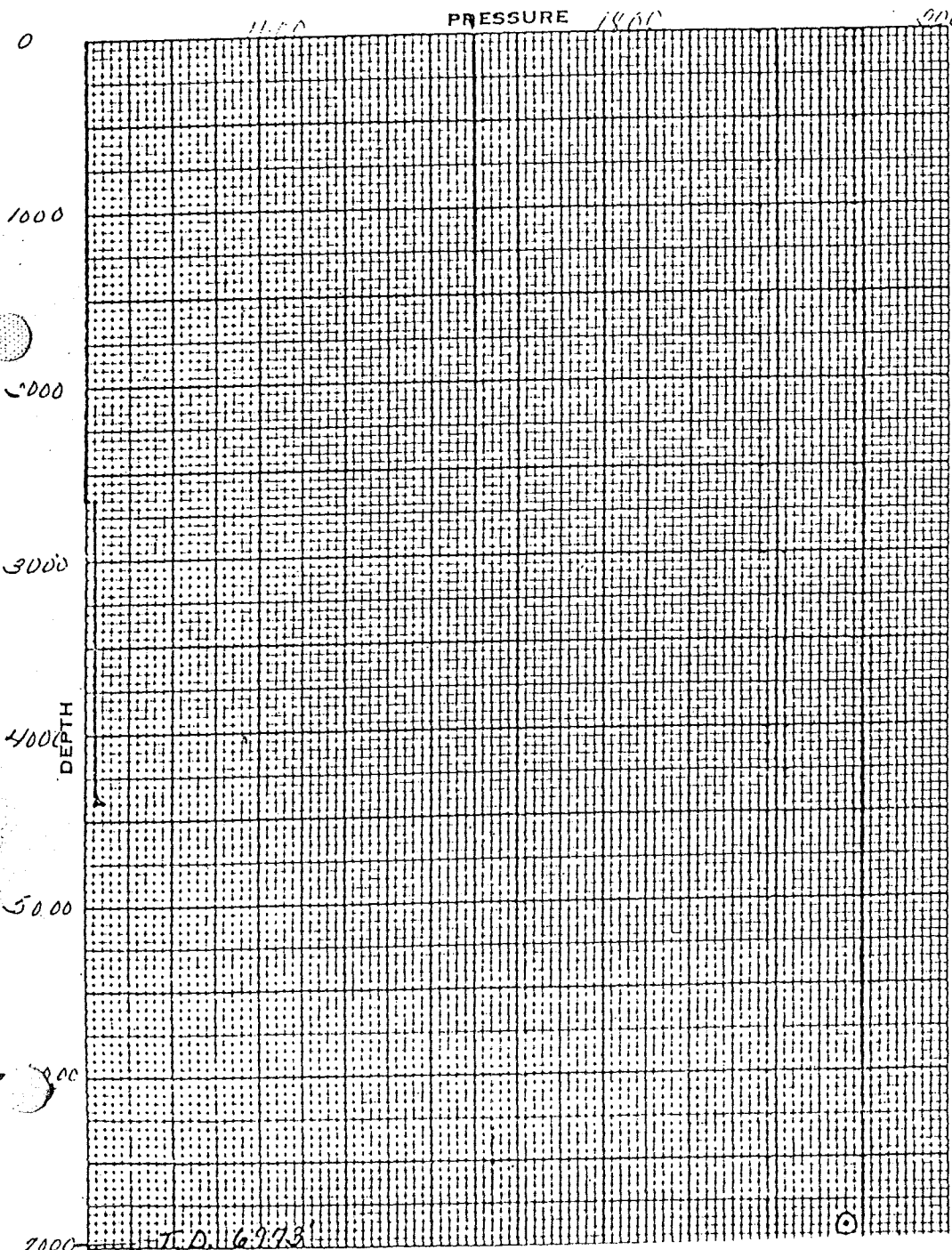
76

OWNER Union Oil Co. of Calif. FIELD Redondo Valley WELL NAME Boca #5
 CASING 4 1/2" Linee Boca 5692' to 4400' ELEV 9320.61 DATE 1-11-73
 LINER DESCRIPTION: _____ ZERO POINT 14' above ground
 _____ DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 2400 PSIC
 _____ SERIAL NO 6604 N

PURPOSE Bottom Hole Pressure Survey MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD



PRESSURES.	GAUGE	BOMB
CASING. PSI		

DEPTH	PRESSURE	GRADIENT
6900	1940.68	

BY: _____

UNION

GEO THERMAL DIVISION

BS-310PT

SUBSURFACE PRESSURE SURVEY

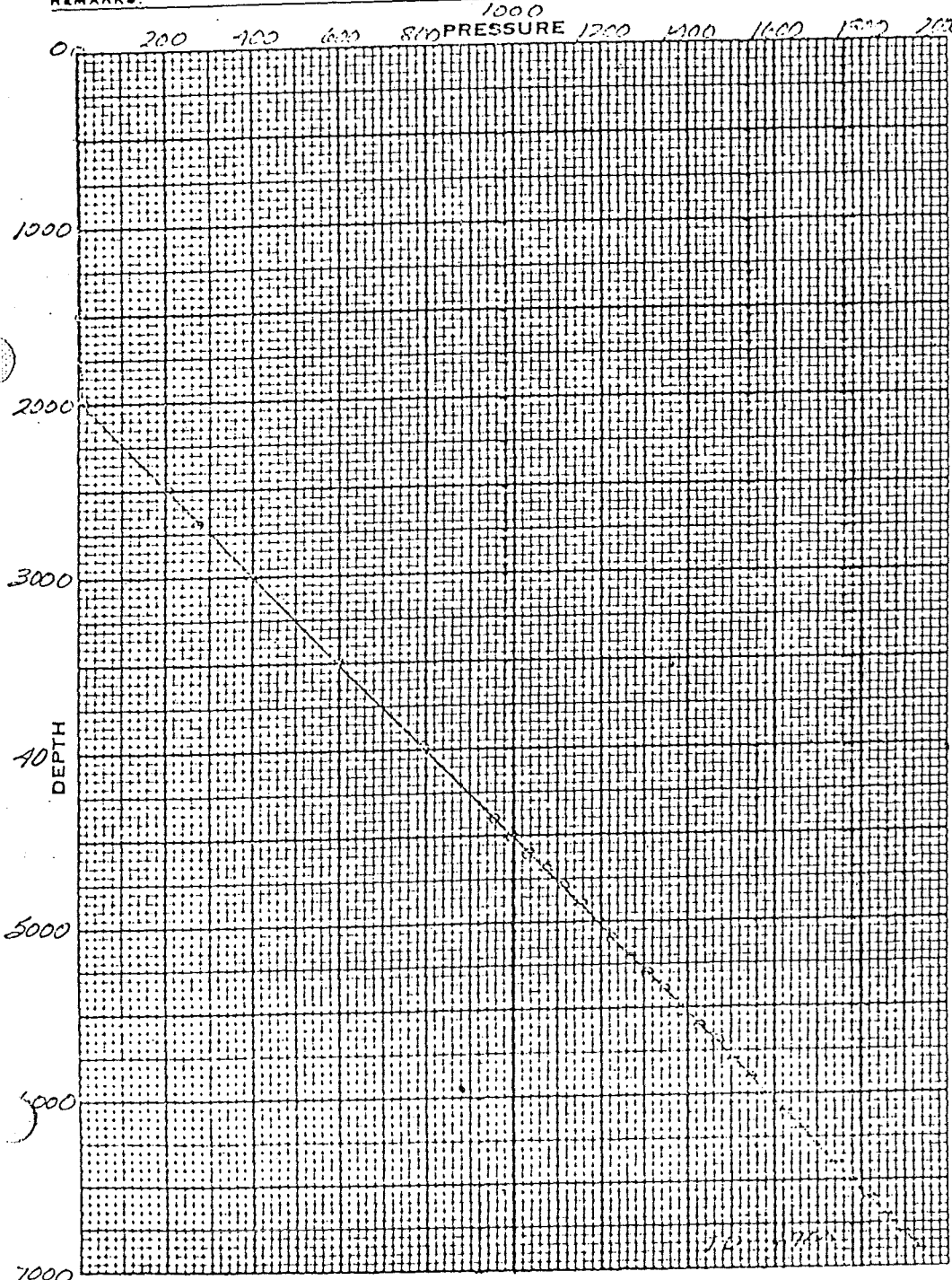
76

OWNER Union Oil Co of Calif FIELD Redondo Valley WELL NAME BACA #5
 CASING _____ ELEV. 9322.66 DATE 8-5-73
 LINER DESCRIPTION: 9-5/8" LINER FROM 2692' to 4700' ZERO POINT 19' above GL
 DEPTH 6973

HOLE DESCRIPTION: _____ INSTRUMENT 2500 PSI
 SERIAL NO KPG 9595

PURPOSE STATIC Survey MAX TEMP 482.9 °F @ 6900

REMARKS: _____ STABILIZATION PERIOD
Approx. 1000 Bbls H₂O
INJ. PRIOR TO SURVEY



PRESSURES.	GAUGE	BOMB
CASING. PSI		

DEPTH	PRESSURE	GRADIENT
0	2.6	—
500	2.6	—
1000	2.6	—
1500	2.6	—
2000	12.9	.021
2500	200.5	.375
2692	275.1	.359
3000	375.9	.392
3500	593.5	.405
4000	798.0	.399
4700	955.8	.395
4800	993.7	.379
5200	1030.4	.417
5700	1074.7	.393
6500	1113.9	.392
6900	1153.2	.393
7000	1192.4	.392
7200	1270.9	.392
7400	1377.4	.392
7600	1486.6	.356
7800	1503.8	.363
8000	1550.4	.383
8200	1659.6	.396
8400	1750.0	.402
8600	1817.3	.359
8800	1872.0	.371
9000	1931.1	.351

BY: C. Turner

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GEO THERMAL DIVISION

SUBSURFACE TEMPERATURE SURVEY

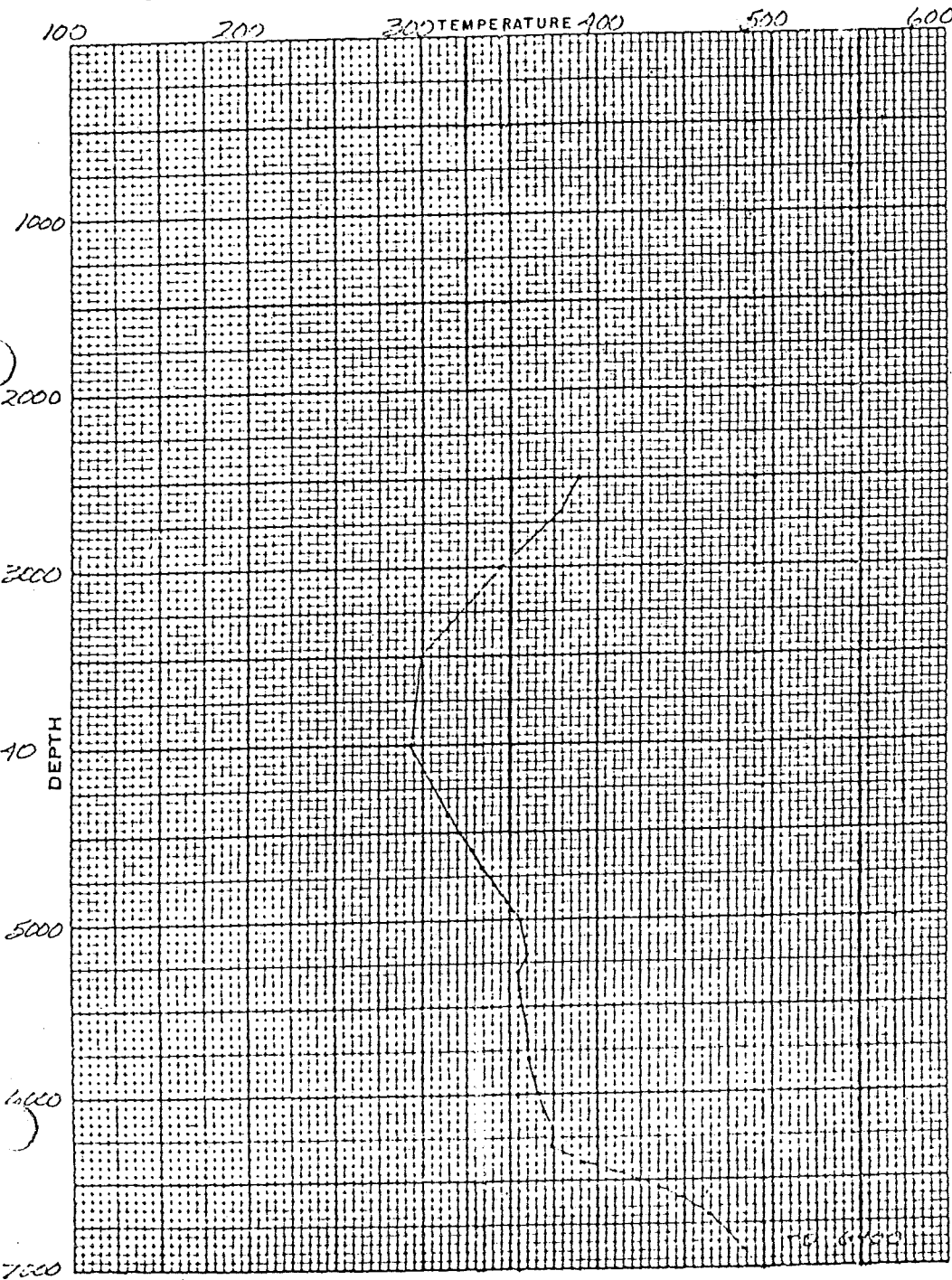
B5-510PT

OWNER UNION Oil Co of CALIF. FIELD Redondo Valley WELL NAME BACA #5
 CASING _____ ELEV 9320.61 DATE: 8-5-73
 LINER DESCRIPTION: 9-5/8" LINER FROM 2692 to 1900 ZERO POINT 19' Above G.L.
 DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 300-736 FAH:
 SERIAL NO KTB-10036

PURPOSE STATIC TEMPERATURE AND PRESSURE SURVEY MAX TEMP 482.9 °F @ 6900
 REMARKS: _____

STABILIZATION PERIOD
Approx. 1000 Bbls H₂O
INJ. PRIOR TO SURVEY



PRESSURES		GAUGE		BOMB	
CASING. PSI					
DEPTH	TEMP.	DEPTH	TEMP.		
0	-	6600	442.0		
500	-	6700	463.0		
1000	-	6800	474.0		
1500	-	6900	482.9		
2000	-				
2500	389.6				
2692	379.6				
3000	371.1				
3500	293.0				
4000	293.0				
4400	311.6				
4500	321.5				
4600	327.9				
4700	331.0				
4800	341.3				
4900	345.9				
5000	357.3				
5100	353.7				
5200	359.5				
5300	355.3				
5400	356.2				
5500	357.6				
5600	359.2				
5700	359.5				
5800	361.2				
5900	361.2				
6000	366.2				
6100	363.5				
6200	371.0				
6300	373.9				
6400	391.5				
6500	423.6				

BY: C. JUNICK

76

UNION

GEOHERMAL DIVISION

SUBSURFACE SURVEY
Field Work Sheet

B#5-S11-P/T

OWNER UNION OIL CO CALIF FIELD VALLE GRANDE WELL NAME B#5-S11-P/T
 CASING 2" @ 276' 13 3/4" @ 2535' ELEV. 9289.5' DATE: 6/24/72
 LINER DESCRIPTION: 9 3/8" @ 2692' - 4400' ZERO POINT 667.16'
 OPEN HOLE FROM 4400' - 5865' DEPTH 5865'

TUBING DETAIL:

PURPOSE

REMARKS:

P-O-2455 F510 - 9235 12 1/2 15
 ELEMENT - T-50 - 6165 SERIAL NO. 10055 CLOCK 12 1/2 15 TURN STABILIZATION PERIOD
 ENGAGE STYLUS P-0955 T-0952 DISENGAGE STYLUS P-1167 T-1168
 WELL HEAD 17-
 PICKUP @ 5865' TIME ON BOTTOM 1239-1259 MAX. F
 WELL STATUS SHUT IN
 SHUT IN: ON PRODUCTION:
 RATE

F510

TEMP

TIME	DEPTH	DEFL.	P-T	GRAD.	ID	TIME	DEPTH	DEFL.	P-T	GRAD.	ID	TIME	DEPTH	DEFL.	P-T	GRAD.	ID
1147	100	.010	17	-	0	1137	100	.272	16.5								
1147	100	.010	17	-	0	1149	100	.569	13.9								
1201	200	.011	19	.032	0	1201	200	.867	3.11								
1213	300	.251	29.7	.375	-1.003	1213	300	1.66	2.54								
1225	400	.477	21.6	.413	0	1225	400	1.56	2.31								
1237	500	.801	12.6	.400	-1.003	1237	500	1.862	3.26								
1259	5865	1.031	15.515	.335	+0.16	1259	5865	1.782	3.20								

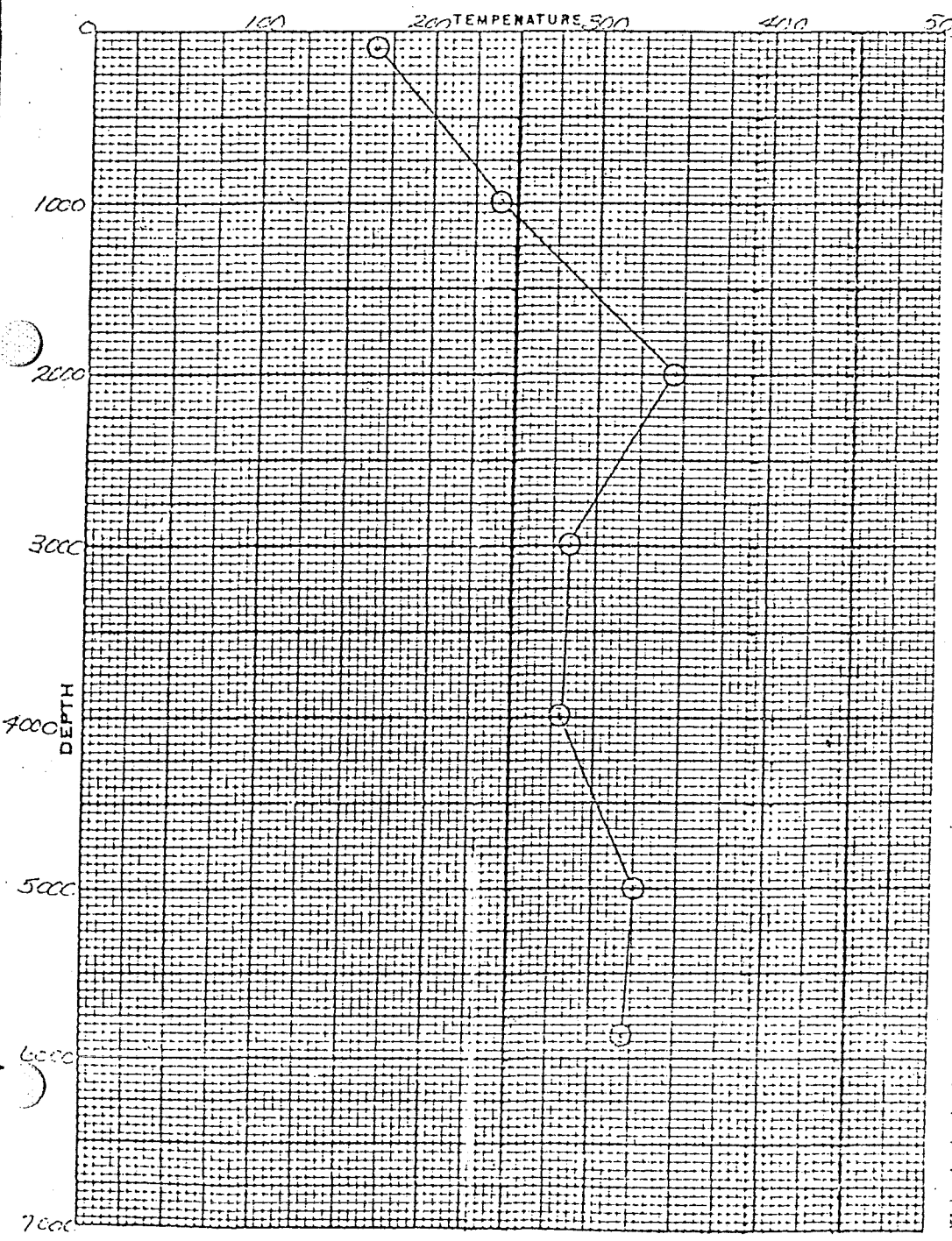
COMMENTS:

76

GEO THERMAL DIVISION SUBSURFACE TEMPERATURE SURVEY

35-S14-17T

OWNER _____ FIELD White Grande WELL NAME BACA #5
CASING _____ ELEV 9289.5' DATE 6/24/76
LINER DESCRIPTION: _____ ZERO POINT GL +10'
DEPTH 5865'
HOLE DESCRIPTION: _____ INSTRUMENT _____ FAHP
SERIAL NO 10055
PURPOSE _____ MAX TEMP 374 °F @ 2000'
REMARKS: _____



STABILIZATION PERIOD			
PRESSURES	GAUGE	BOYS	
CASING PSI			
DEPTH	TEMP.	DEPTH	TEMP.
100	145		
1000	239		
2000	344		
3000	284		
4000	281		
5000	326		
5865	320		

BY: _____

76

GEO THERMAL DIVISION

SUBSURFACE PRESSURE SURVEY

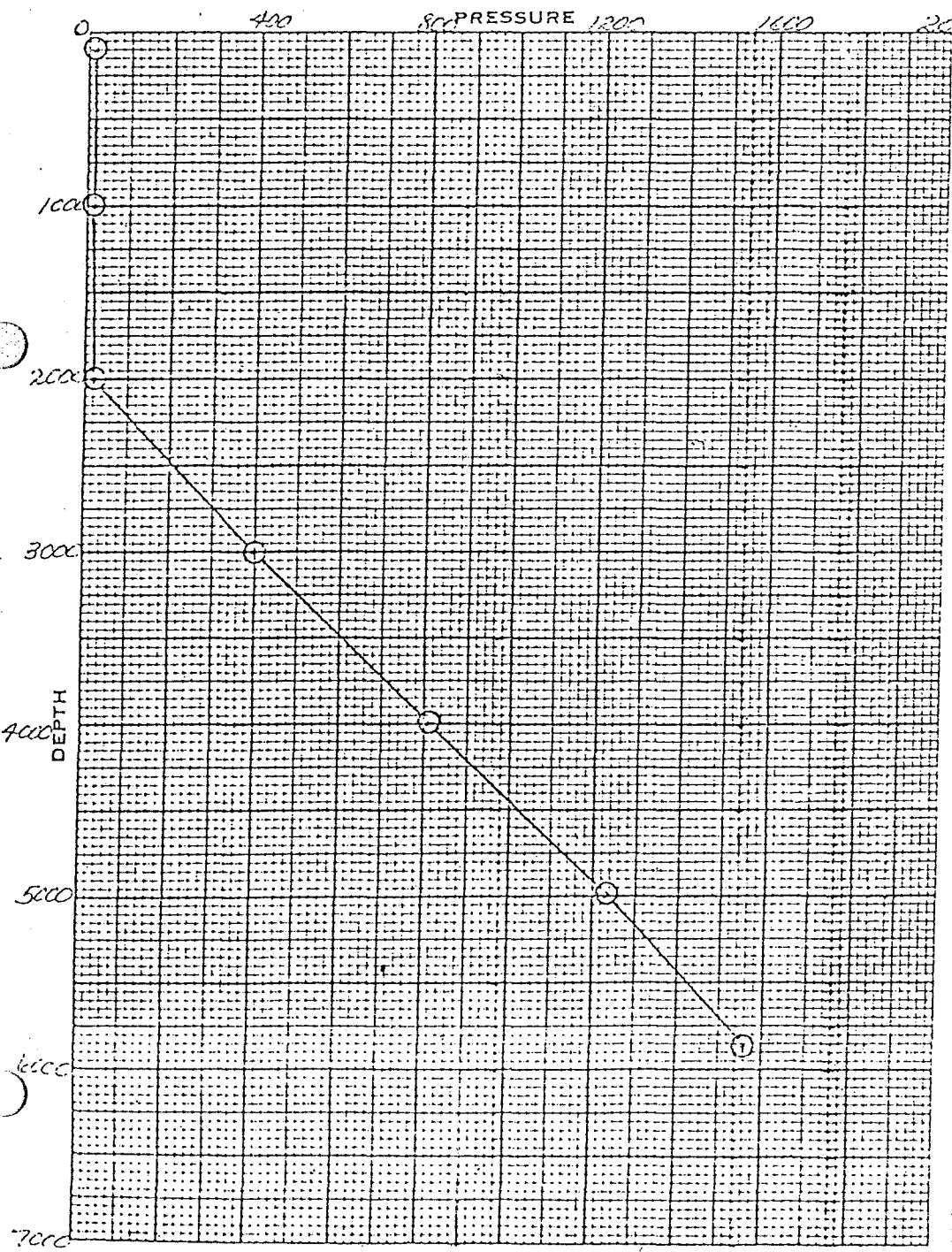
B5-S14-PT

OWNER _____ FIELD Valle Grande WELL NAME BALP #5
 CASING _____ ELEV 9289.5' DATE 6/24/76
 LINER DESCRIPTION: _____ ZERO POINT GL 110'
 _____ DEPTH 5865'

HOLE DESCRIPTION: _____ INSTRUMENT _____ PS
 _____ SERIAL NO 9235

PURPOSE _____ MAX TEMP 344 °F @ 2600'

REMARKS: _____



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
100	17	
1000	17	
2000	19	
3000	397	
4000	810	
5000	1216	
5865	1558	

BY: _____

76

GEO THERMAL DIVISION

BS-59PT

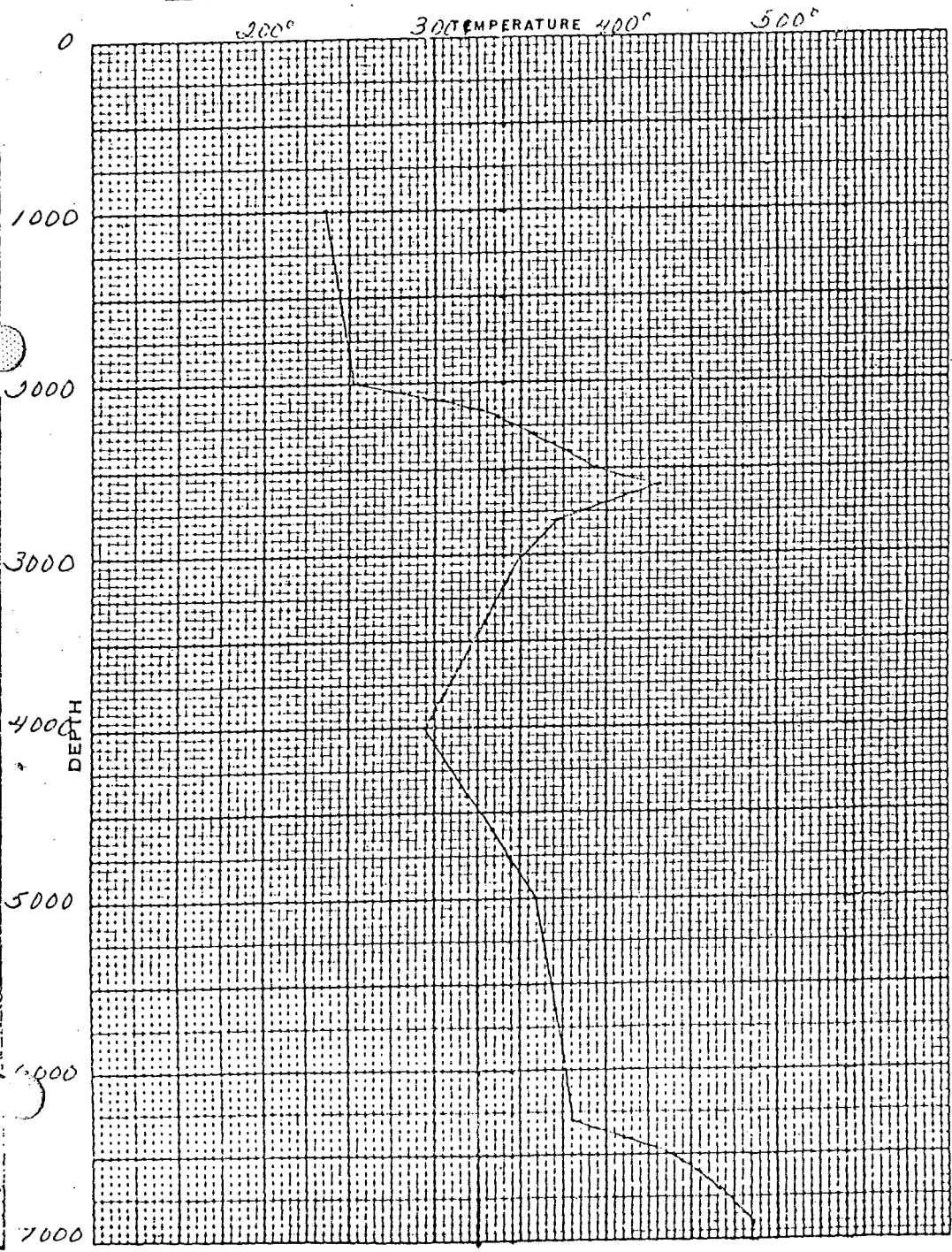
SUBSURFACE TEMPERATURE SURVEY

OWNER Union Oil Co of California FIELD _____ WELL NAME Baca #5
 CASING _____ ELEV 9320.61 DATE: Nov 29, 1973
 LINER DESCRIPTION: _____ ZERO POINT _____
 _____ DEPTH _____

HOLE DESCRIPTION: _____ INSTRUMENT E1-696 FAH
 _____ SERIAL NO KT13-14025

PURPOSE _____ MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD



PRESSURES,	GAUGE	BOMB
CASING, PSI		

DEPTH	TEMP.	DEPTH	TEMP.
1000	236.0		
2000	252.4		
2100	293.0		
2200	336.4		
2300	358.9		
2400	378.2		
2500	394.5		
2600	431.1		
2800	371.3		
3000	350.1		
4000	395.0		
4400	319.3		
4600	333.6		
5000	359.7		
5500	368.5		
6000	376.5		
6300	380.9		
6400	410.4		
6500	438.5		
6600	453.9		
6700	467.7		
6800	477.3		
6900	486.8		

BY: _____

76

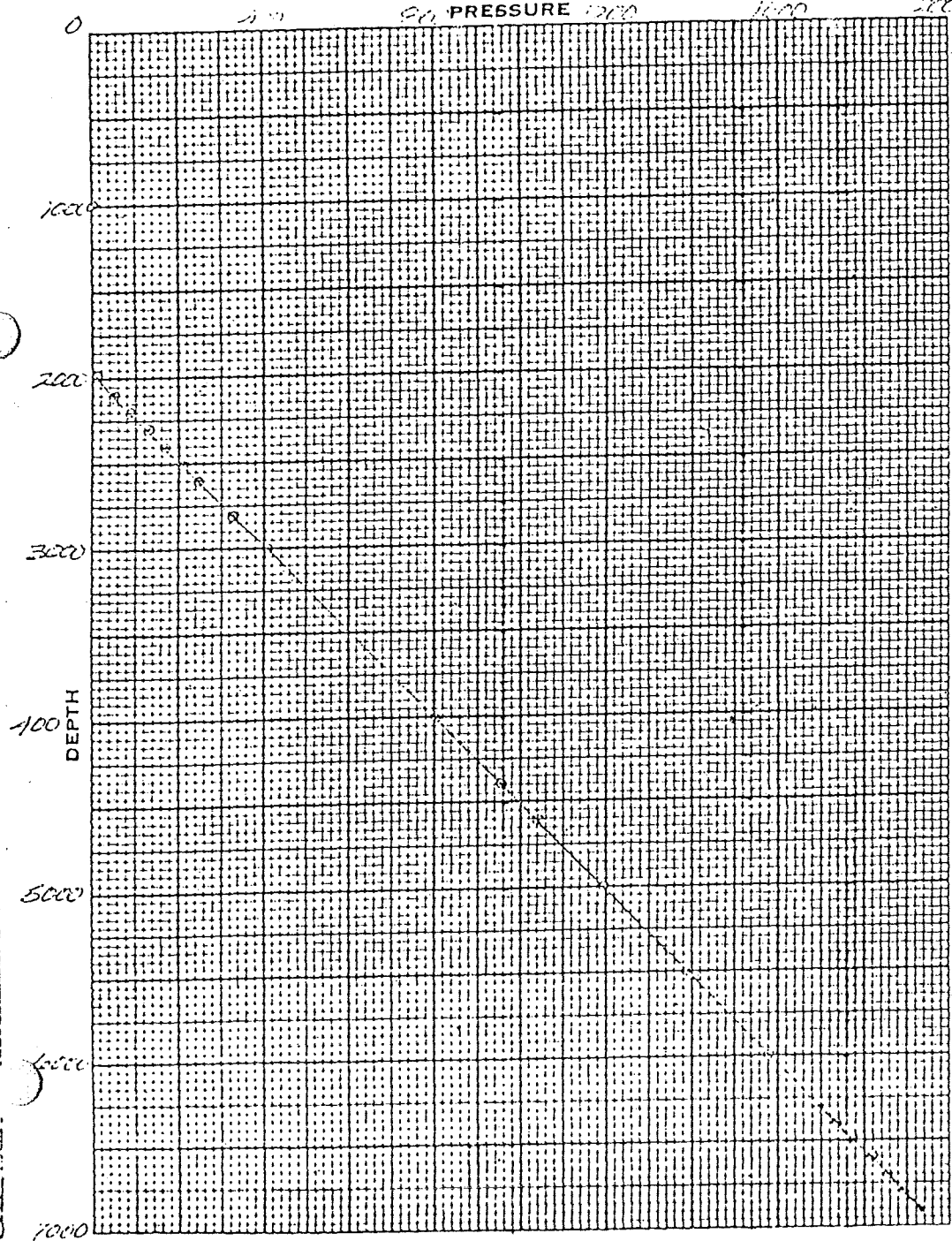
GEO THERMAL DIVISION

B5-39PT

SUBSURFACE PRESSURE SURVEY

OWNER Union Oil Co of Calif FIELD _____ WELL NAME BACH No. 5
 CASING _____ ELEV 9320 GA DATE MAY 22, 1973
 LINER DESCRIPTION: _____ ZERO POINT _____ DEPTH 6900
 HOLE DESCRIPTION: _____ INSTRUMENT 0-2400 P: _____
 SERIAL NO 6604H
 MAX TEMP _____ °F @ _____

PURPOSE _____
 REMARKS: _____ STARLIZATION PERIOD _____



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
1000	2.15	0.002
2000	9.50	0.007
2100	51.43	0.716
2200	88.16	0.351
2300	129.80	0.716
2400	171.43	0.413
2500	209.39	0.350
2600	247.35	0.350
2800	338.55	0.705
3000	408.66	0.702
4000	801.19	0.393
4400	956.79	0.359
4600	1041.09	0.422
5000	1197.51	0.391
5500	1391.24	0.357
6000	1561.60	0.351
6300	1696.80	0.357
6400	1737.60	0.405
6500	1776.00	0.357
6600	1814.63	0.355
6700	1853.66	0.390
6800	1891.41	0.375
6900	1929.27	0.378

BY T. H. Miller

76

GEO THERMAL DIVISION

SUBSURFACE PRESSURE SURVEY

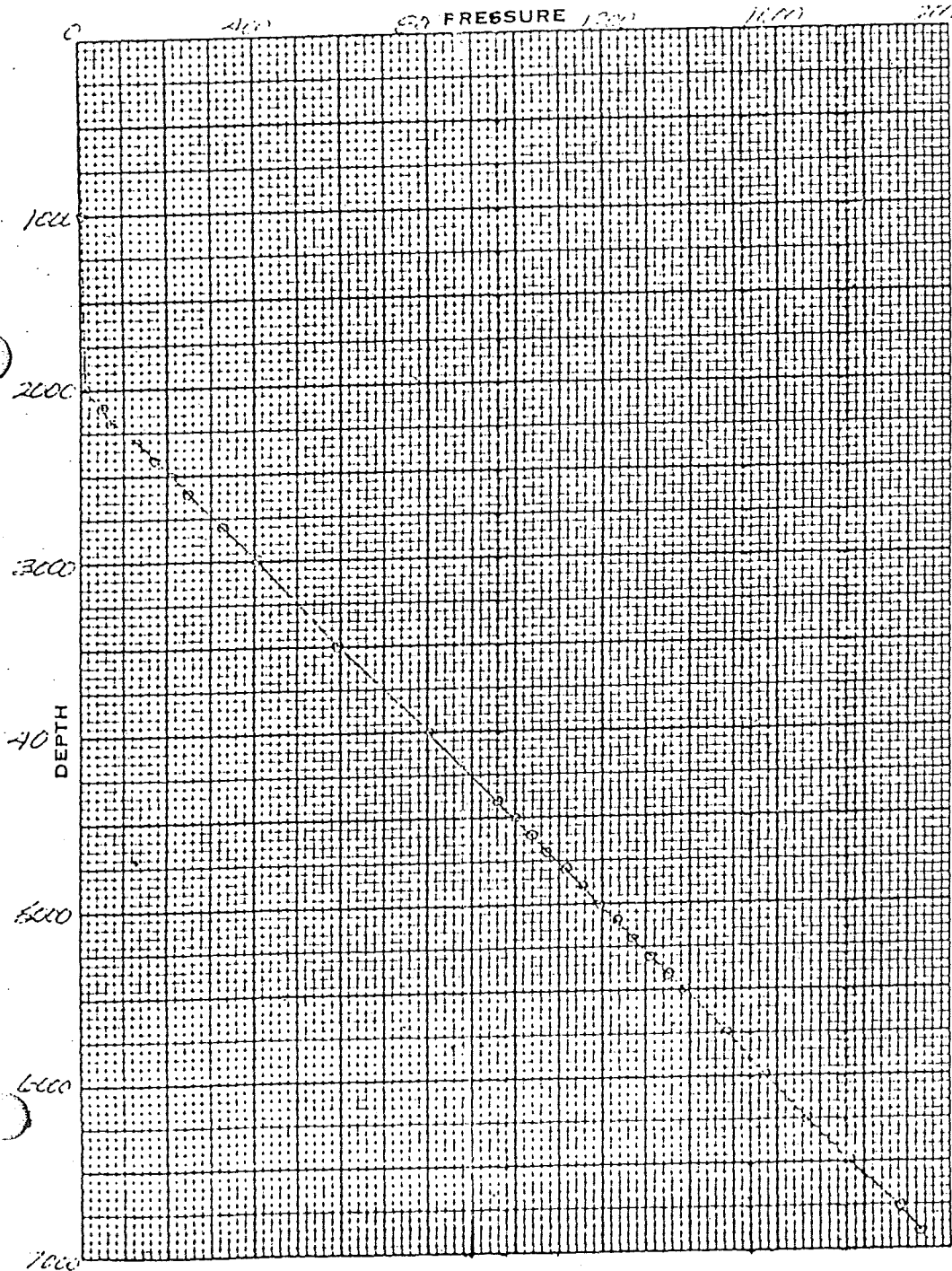
B5-58PT

OWNER Union Oil Co of Calif FIELD _____ WELL NAME BACA No. 5
 CASING _____ ELEV. 7320 ft DATE MAY 28, 1973
 LINER DESCRIPTION: _____ ZERO POINT _____ DEPTH _____

HOLE DESCRIPTION: _____ INSTRUMENT 0-2400 PS
 SERIAL NO 6609N

PURPOSE PRESSURE GRADIENT MAX TEMP _____ °F @ _____

REMARKS: _____ STABILIZATION PERIOD _____



PRESSURES	GAUGE	BOMB
CASING, PSI		
DEPTH	PRESSURE	GRADIENT
1000	245	0.002
2000	857	0.006
2100	56.20	0.716
2200	56.94	0.351
2300	128.57	0.416
2400	168.48	0.407
2500	208.94	0.350
2600	249.90	0.350
2800	327.17	0.411
3000	403.44	0.354
3500	595.28	0.353
4000	804.96	0.410
4100	960.96	0.381
4500	989.20	0.351
4600	1038.65	0.395
4700	1073.31	0.357
4800	1115.14	0.415
4900	1152.19	0.371
5000	1192.83	0.406
5100	1229.58	0.371
5200	1268.17	0.357
5300	1304.37	0.382
5400	1343.82	0.395
5500	1386.45	0.406
5700	1452.07	0.382
6000	1571.50	0.374
6200	1670.40	0.374
6500	1768.80	0.354
6700	1870.83	0.432
6900	1930.19	0.358

BY: TREFFLER

UNKNOWN

GEOHERMAL DIVISION

SUBSURFACE TEMPERATURE SURVEY

BS-38PT

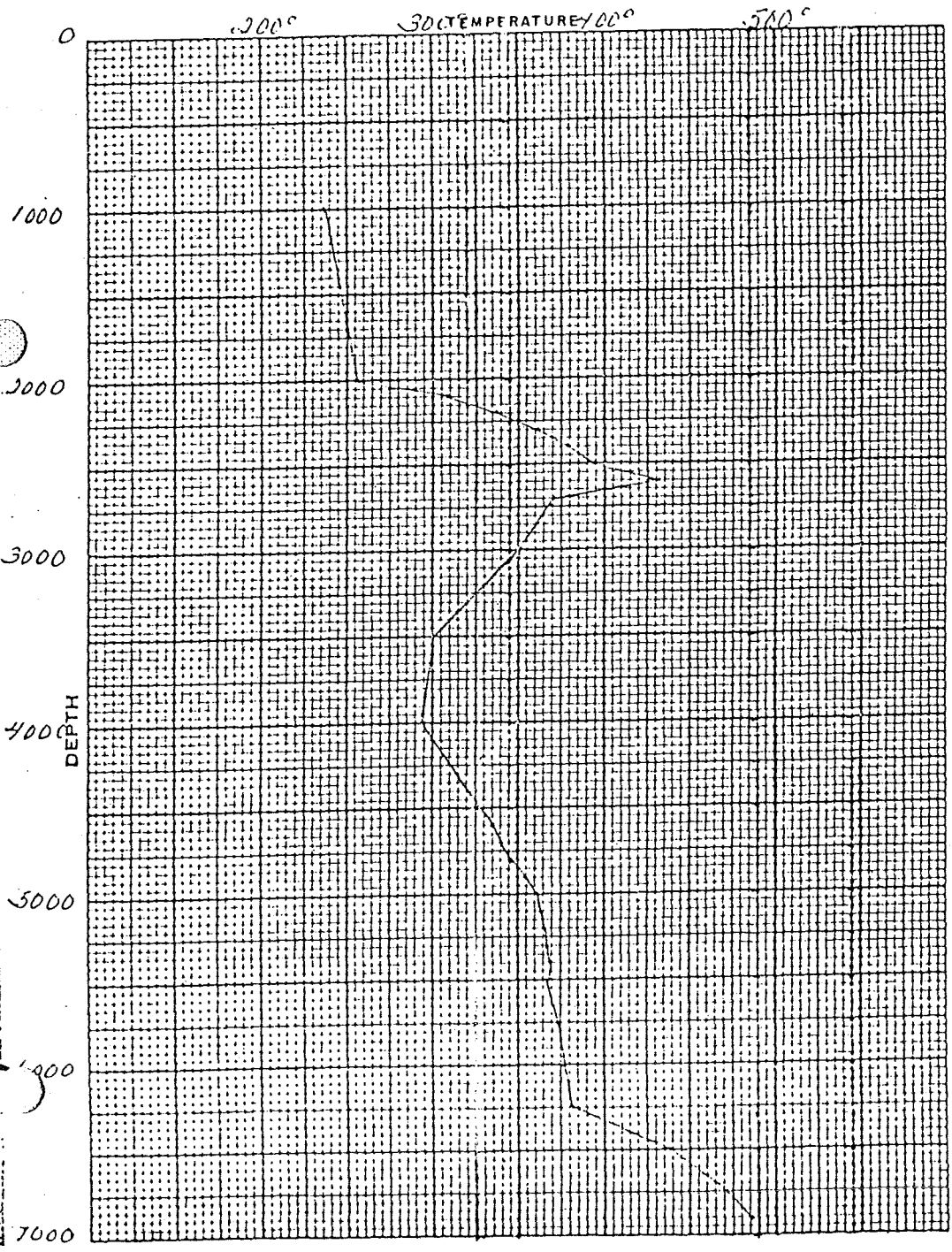
76

OWNER _____ FIELD _____ WELL NAME Saco #5
 CASING _____ ELEV. 9320 GL DATE: MAY 28, 1973
 LINER DESCRIPTION: _____ ZERO POINT _____
 _____ DEPTH _____

HOLE DESCRIPTION: _____ INSTRUMENT SA-676 FAH.
 _____ SERIAL NO. KTB-10003

PURPOSE _____ MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD _____



PRESSURES.	GAUGE.	DEPTH
CASING. PSI		

DEPTH	TEMP.	DEPTH	TEMP.
1000	337.8		
2000	356.0		
2100	309.7		
2200	337.7		
2300	361.1		
2400	379.5		
2500	394.5		
2600	431.1		
2800	371.3		
3000	350.7		
3500	320.2		
4000	293.0		
4400	320.7		
4500	327.3		
4600	335.0		
4700	340.5		
4800	347.4		
4900	354.8		
5000	361.1		
5100	364.4		
5200	366.1		
5300	367.4		
5400	369.1		
5500	367.1		
5750	376.3		
6000	377.1		
6250	382.3		
6500	439.1		
6750	472.8		
6900	485.8		

BY: _____

UNION

GEOHERMAL DIVISION

B5-55P

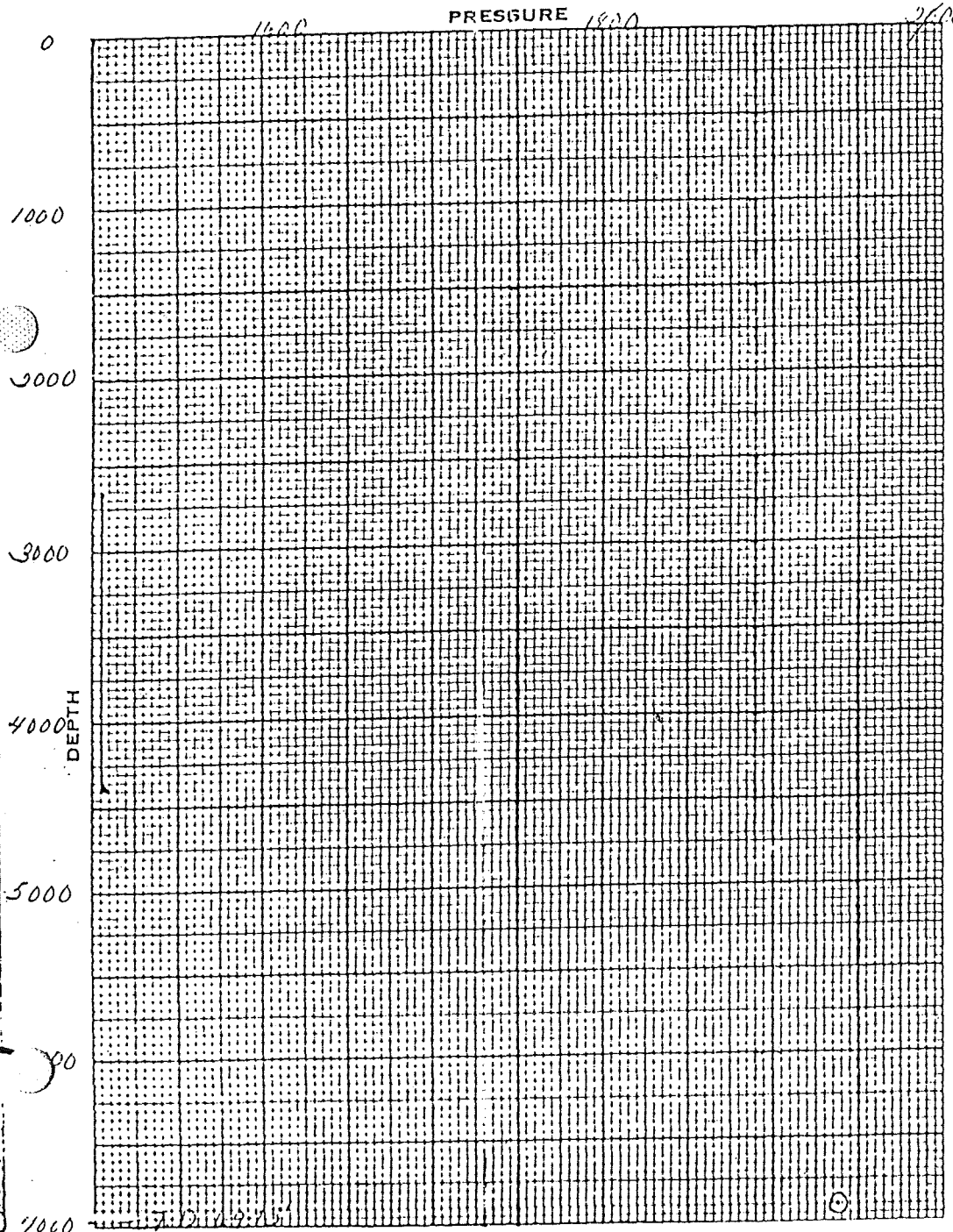
SUBSURFACE PRESSURE SURVEY

76

OWNER Union Oil Co of Calif. FIELD Redondo Valley WELL NAME Boca #5
 CASING 9 5/8" line from 2692' to 4400' ELEV. 9320 Gk DATE 12-2-72
 LINER DESCRIPTION: _____ ZERO POINT _____
 _____ DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 2400 PSI
 _____ SERIAL NO 6604 N

PURPOSE Bottom Hole Pressure Survey MAX TEMP _____ °F @ _____
 REMARKS: _____ STABILIZATION PERIOD _____



PRESURES	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESURE	GRADIENT
6900	1938.26	

BY: _____

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GEO THERMAL DIVISION BS-311PT

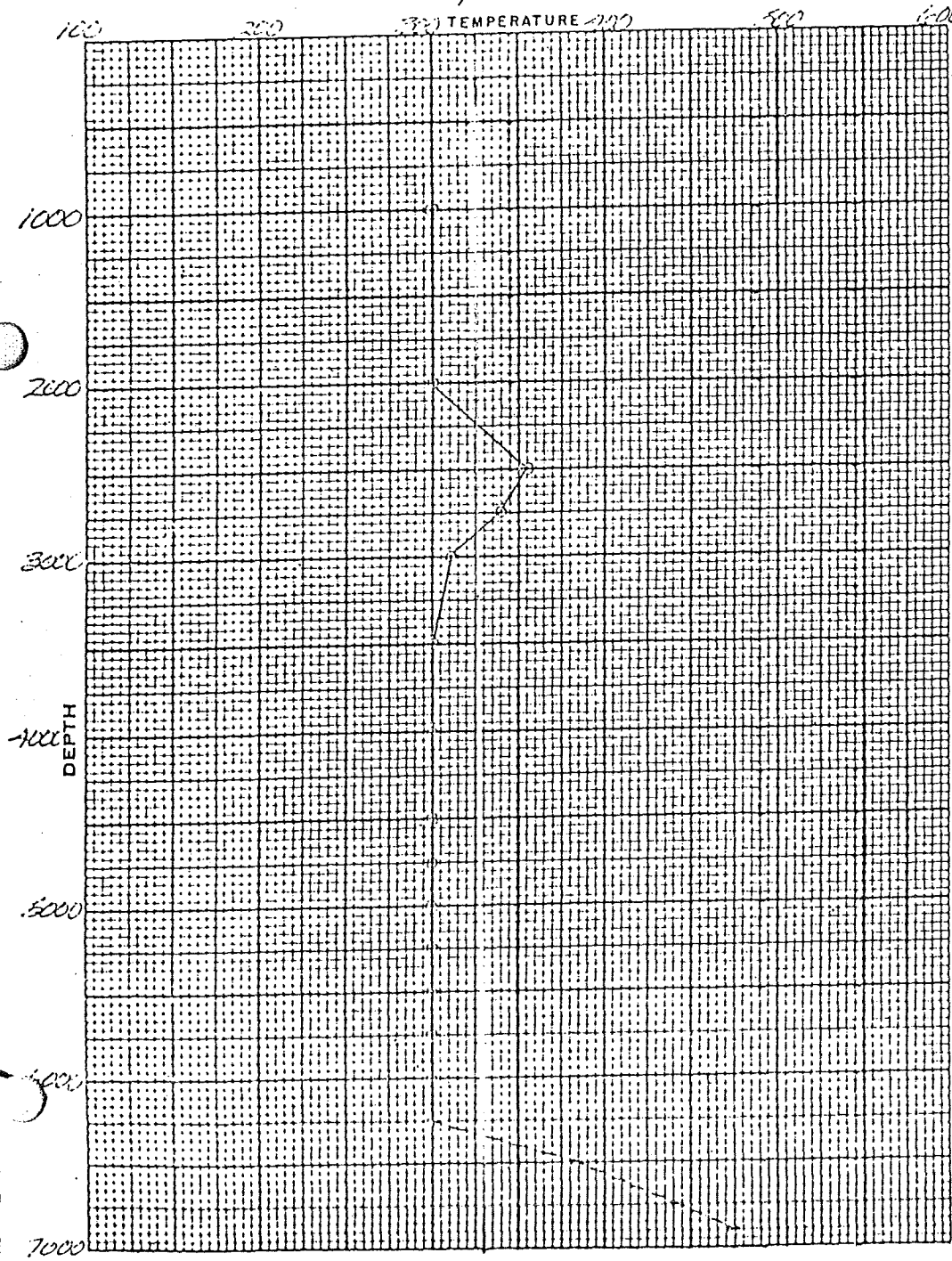
SUBSURFACE TEMPERATURE SURVEY

OWNER Union Oil Co of Calif FIELD _____
CASING _____ ELEV 9320 OL DATE: 11-29-73
LINER DESCRIPTION: _____ ZERO POINT GL + 9 ft
DEPTH 6900 SURVEY

HOLE DESCRIPTION: _____ INSTRUMENT 300-736 FAH
SERIAL NO KTB-12236

PURPOSE Temp and Press Gradient following INJ. MAX TEMP 474.6 °F @ 6900
REMARKS: 16,965,000 gal injected 8-19-73 / 11-13-73

STABILIZATION PERIOD
SI INJ. 0600 11-13-73



PRESSURES	GAUGE	BOMB
CASING, PSI	0	

DEPTH	TEMP.	DEPTH	TEMP.
1000	300		
2000	300		
2500	305		
2750	309.8		
3200	310.9		
3500	300		
4000	300		
4500	300		
4750	300		
5000	300		
5250	300		
5500	300		
5750	300		
6000	300		
6250	300		
6500	309		
6750	474.6		
6900	474.6		

BY: J. Kubal

GEOHERMAL DIVISION

BS-54P

SUBSURFACE PRESSURE SURVEY

76

OWNER Baca Land & Cattle Co. FIELD Redondo Valley WELL NAME Baca # 5

CASING 9 5/8" Line from 2622' to 4400' lev 9330 GL DATE 10/29/72

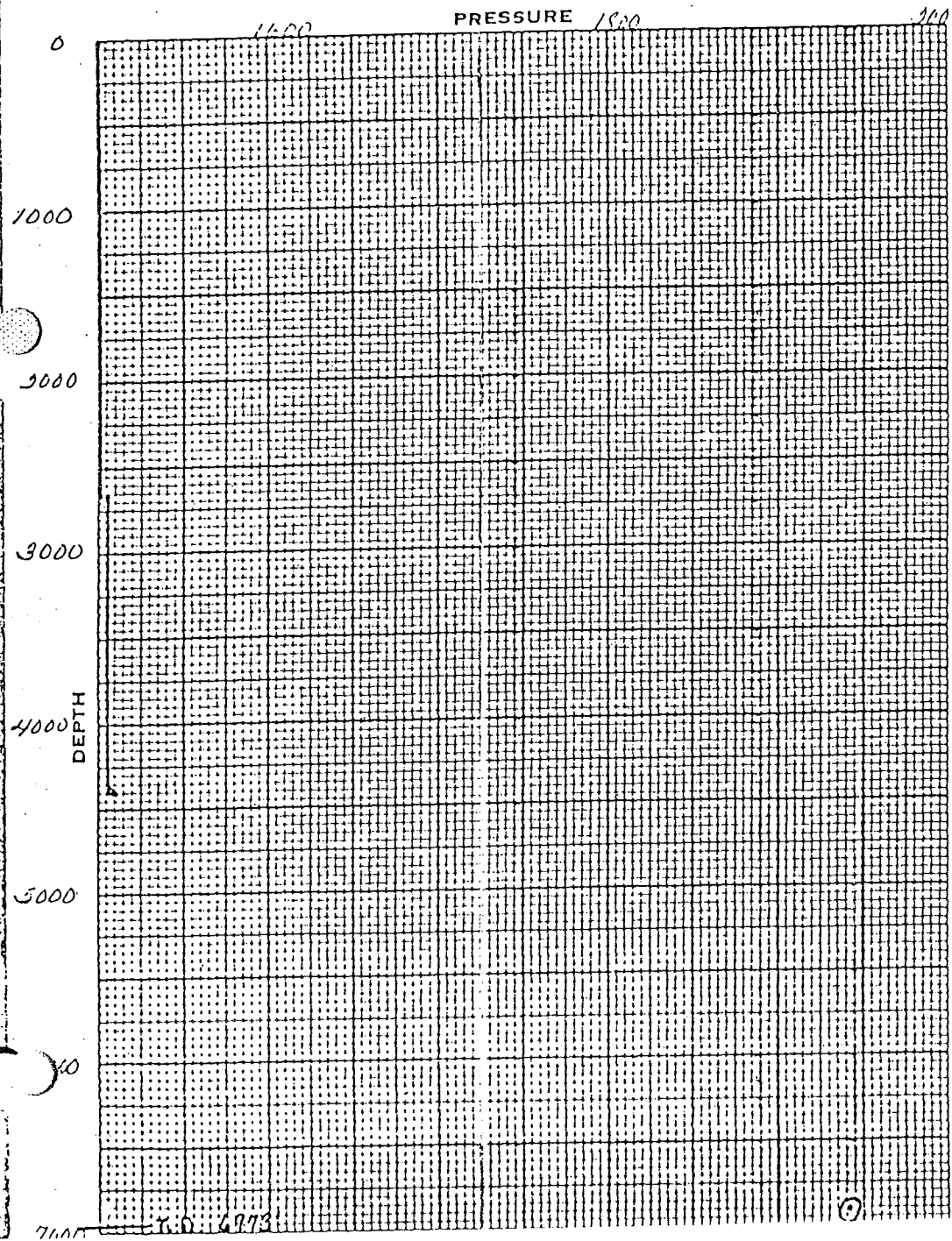
LINER DESCRIPTION: _____ ZERO POINT 14' above ground DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 2400 PSI

SERIAL NO 6604 N

PURPOSE Bottom Hole Pressure Survey MAX TEMP _____ °F @ _____

REMARKS: _____ STABILIZATION PERIOD _____



PRESSURES.	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
6900	1941.89	

BY: _____

76

UNION
GEOHERMAL DIVISION

BS-511PT

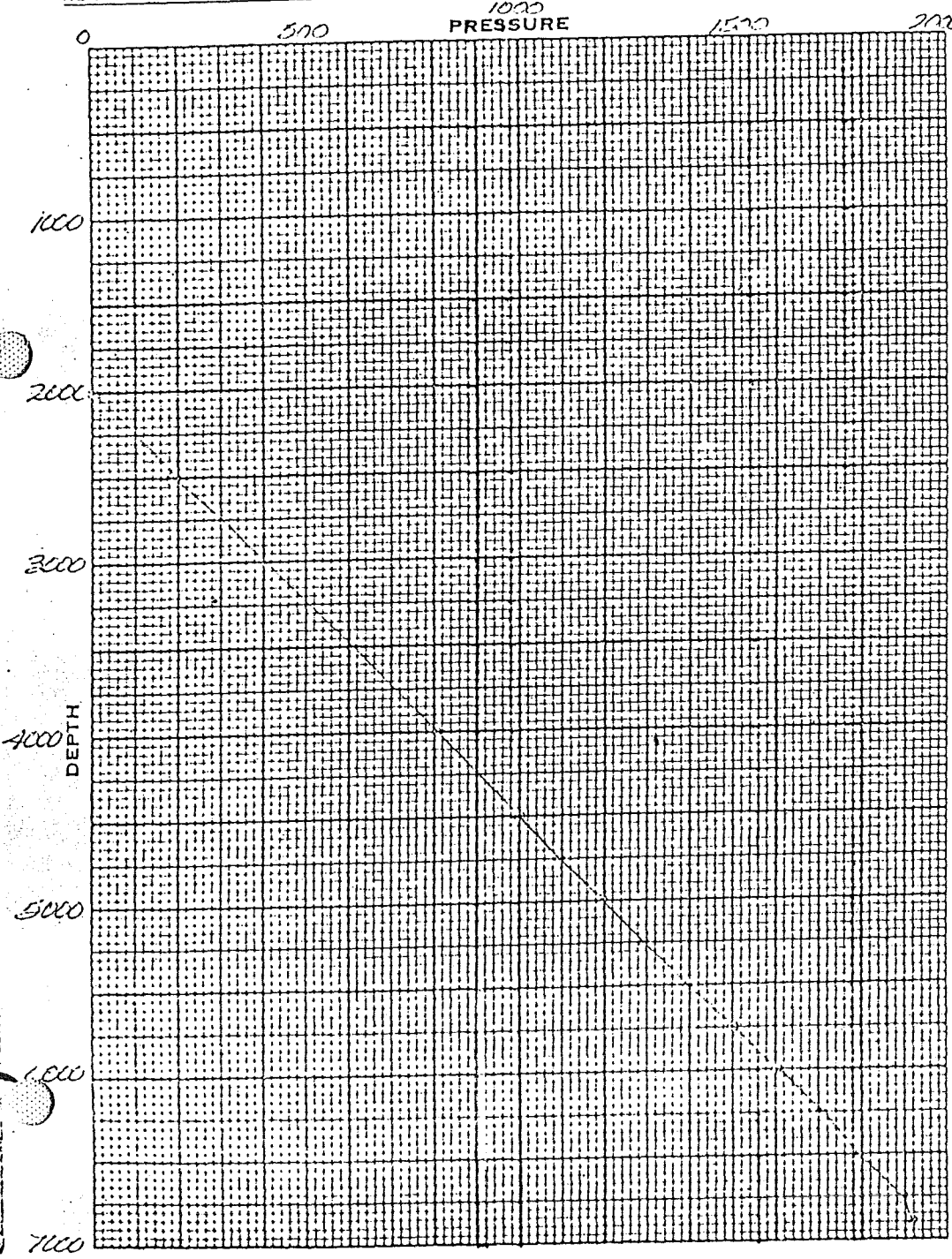
SUBSURFACE PRESSURE SURVEY

OWNER Union Oil Co of Cal. FIELD _____ WELL NAME BAND No. 5
 CASING _____ ELEV. 932061 DATE 11-29-73
 LINEAR DESCRIPTION: _____ ZERO POINT GL+4 ft.
 _____ DEPTH Survey 6900

HOLE DESCRIPTION: _____ INSTRUMENT 1250 PSI
 _____ SERIAL NO KPG-7198

PURPOSE Temp and Press Gradient Flowing Inj. MAX TEMP 474.6 °F @ 6900
 REMARKS: _____

STABILIZATION PERIOD
SI Inj. 0600 11-13-73



PRESSURES	GAUGE	BOMB
CASING. PSI	0	0

DEPTH	PRESSURE	GRADIENT
0	0	
1000	0	
2000	0	
2500	195.18	.390
2750	298.29	.412
3000	401.32	.412
3500	603.33	.404
4000	803.20	.401
4500	1002.00	.392
4750	1017.39	.389
5000	1194.92	.390
5250	1293.37	.392
5500	1396.95	.412
5750	1500	.412
6000	1605.93	.424
6250	1703.39	.382
6500	1791.41	.354
6750	1896.19	.401
6900	1913.14	.113

BY J. Kuhn

76

GEO THERMAL DIVISION

BS-33P

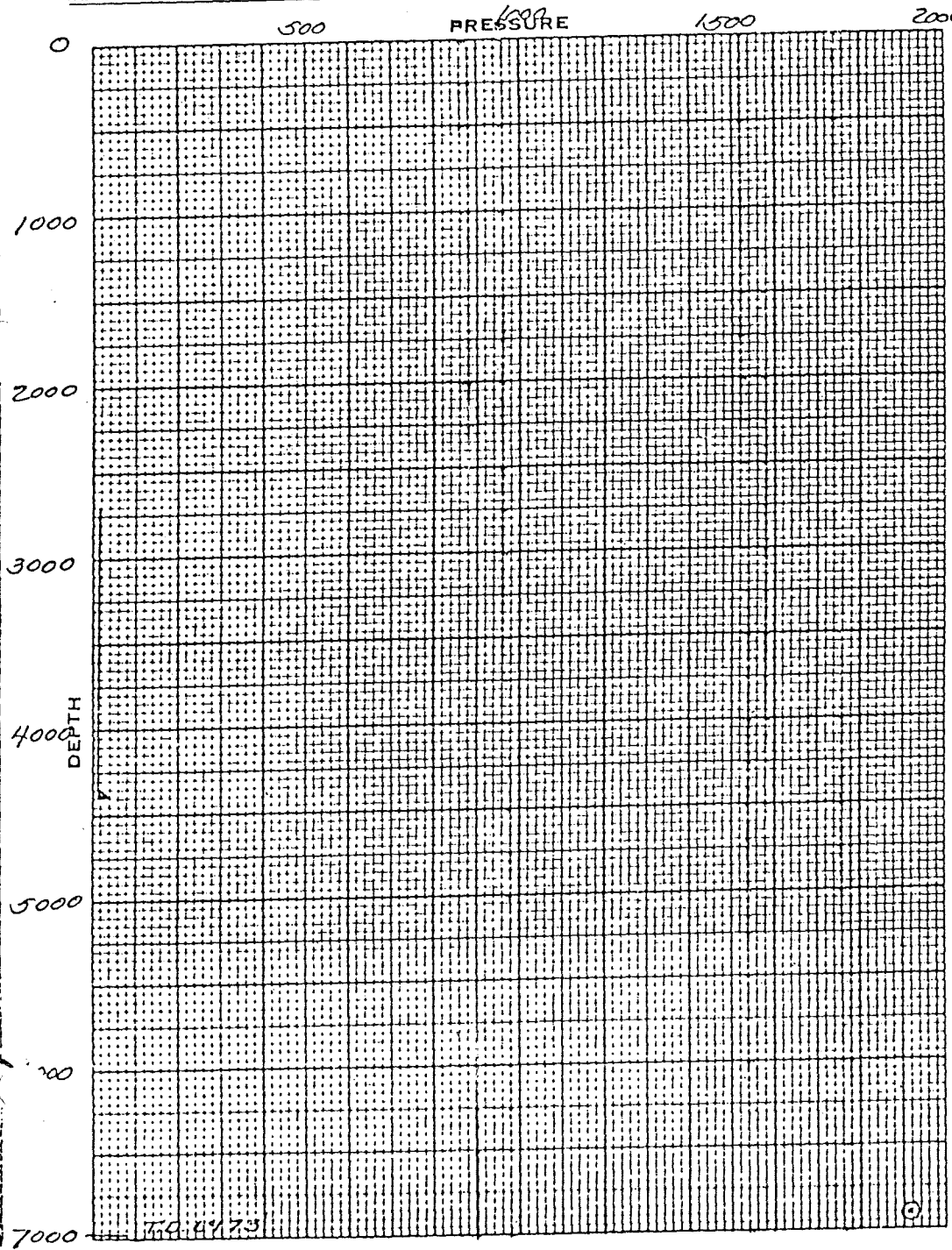
SUBSURFACE PRESSURE SURVEY

OWNER Baca Land & Cattle Co. FIELD Redondo Valley WELL NAME Baca #5
 CASING 9 7/8" Liner from 2692' to ELEV. 9330 GL DATE 10-14-72
 LINER DESCRIPTION: 4400' ZERO POINT 14' above ground DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 2400 PS
 SERIAL NO 6604 N

PURPOSE Bottom Hole Pressure Survey MAX TEMP _____ °F @ _____

REMARKS: _____ STABILIZATION PERIOD _____



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
6900	1914.84	

BY: Carl Jankus

UNION

GEOHERMAL DIVISION

B5-32PT

SUBSURFACE PRESSURE SURVEY

76

OWNER Baca Land & Cattle Co. FIELD Redondo Valley WELL NAME Baca #5
 CASING 9 5/8" Liner from 2692' to ELEV 9320 c.l. DATE 10-12-72
 LINER DESCRIPTION: 4400' ZERO POINT 14' above ground
 DEPTH 6973'

HOLE DESCRIPTION:

INSTRUMENT 2400 PSI
 SERIAL NO 6604N

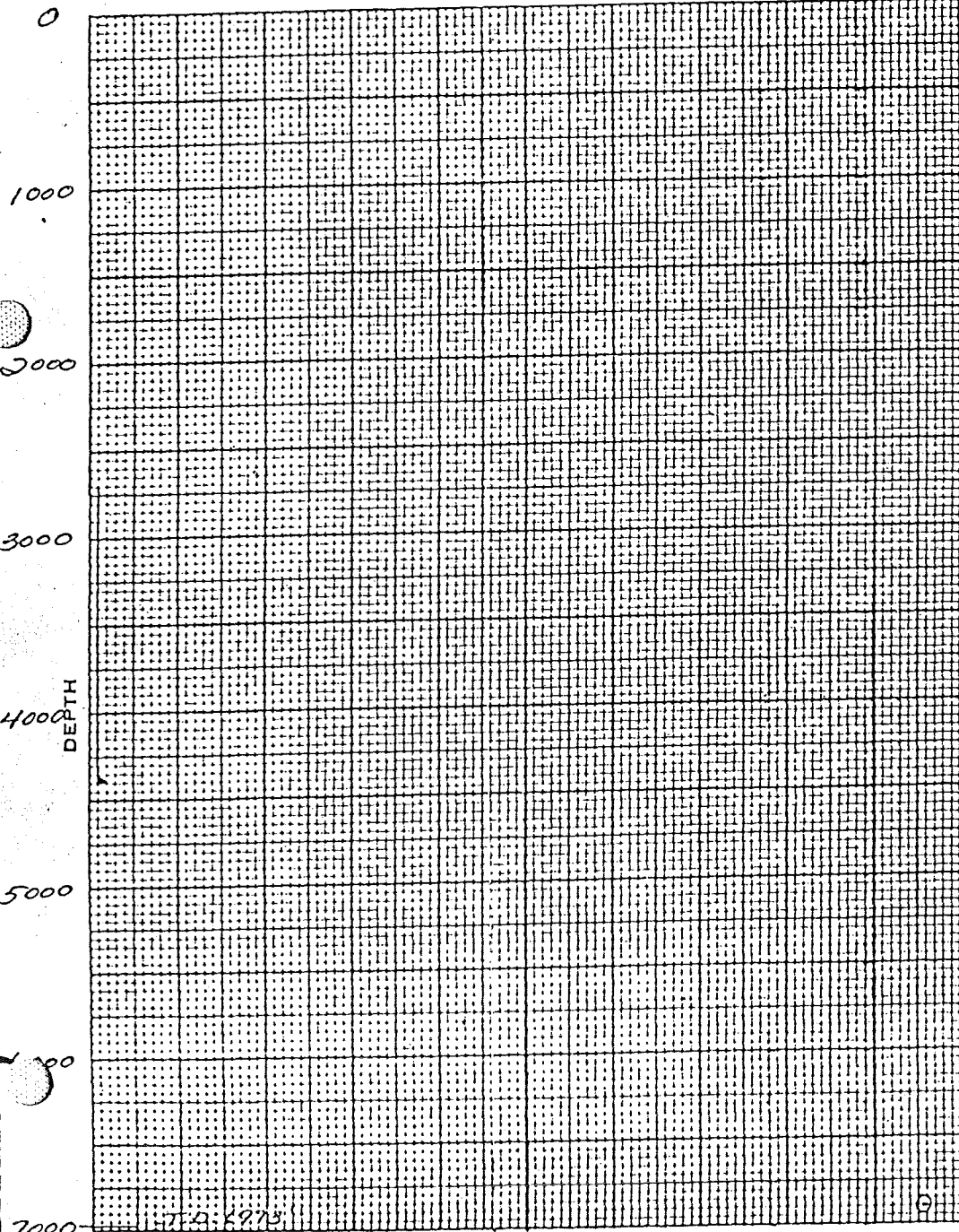
PURPOSE Bottom Hole Press. & Temp. Survey

MAX TEMP 483.9°F @ 6900'

REMARKS:

2000 STABILIZATION PERIOD

1000 PRESSURE



PRESSURES	GAUGE	BOM

DEPTH	PRESSURE	GRADIENT
6900	1914.84	

BY: Carl Jankus

GEOTHERMAL DIVISION
SUBSURFACE TEMPERATURE SURVEY

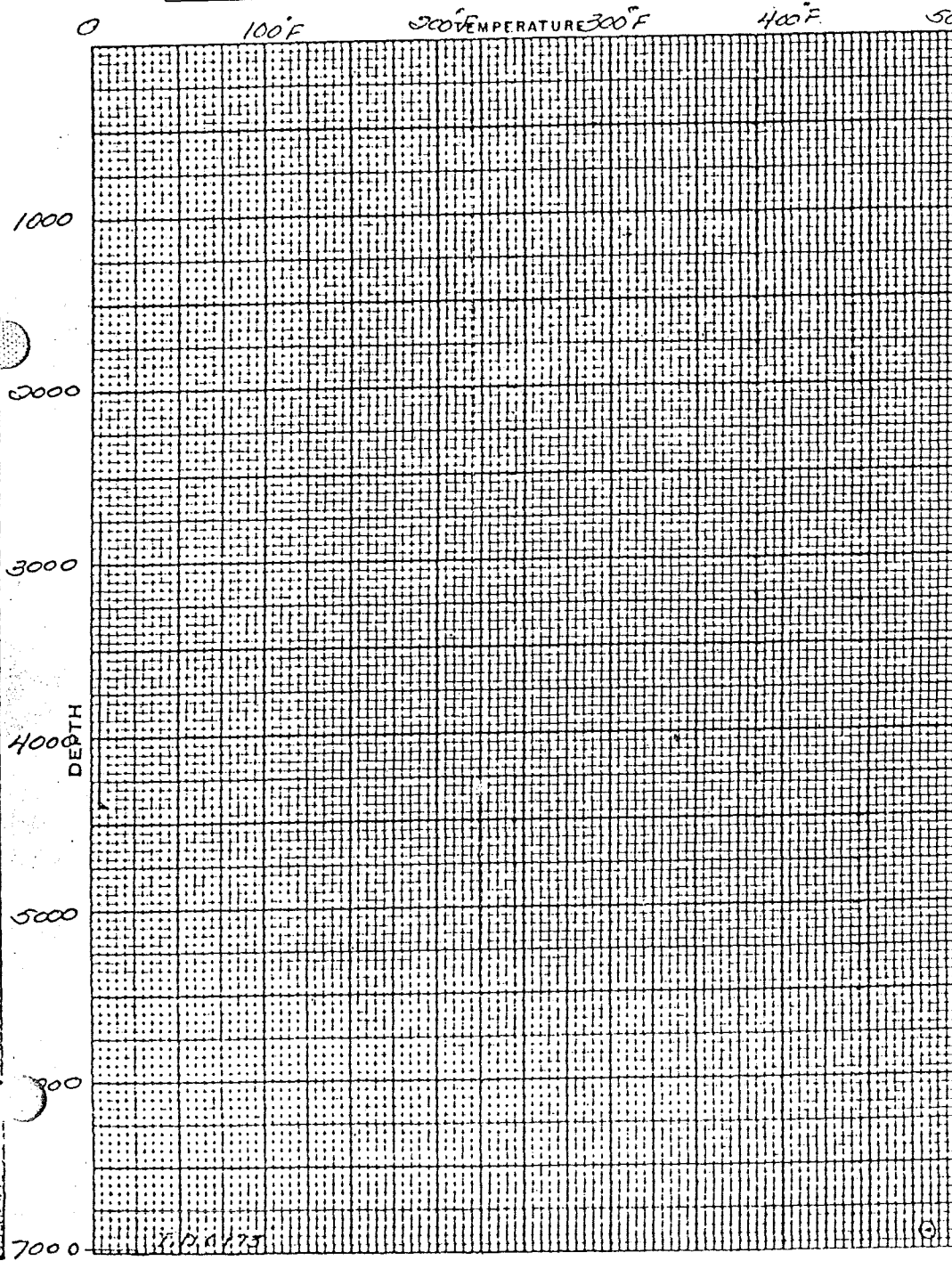
B5-52PT

76

OWNER Baca Land & Cattle Co. FIELD Redondo Valley WELL NAME Baca #5
CASING 9 5/8" liner from 2692' to 4400' ELEV 9320 ft DATE 10-12-72
LINER DESCRIPTION: _____ ZERO POINT 14' above ground
DEPTH 6973'

HOLE DESCRIPTION: _____ INSTRUMENT 84°-646° FAH
SERIAL NO KT-B 10005

PURPOSE Bottom Hole Press. & Temp. Survey MAX TEMP 483.9° F @ 6900'
REMARKS: _____



STABILIZATION PERIOD

PRESSURES	GAUGE	BOND	
CASING PSI			
DEPTH	TEMP.	DEPTH	TEMP.
	483.9	6900	

BY: Carl Finkler

76

UNION

GEOHERMAL DIVISION

35-31PT

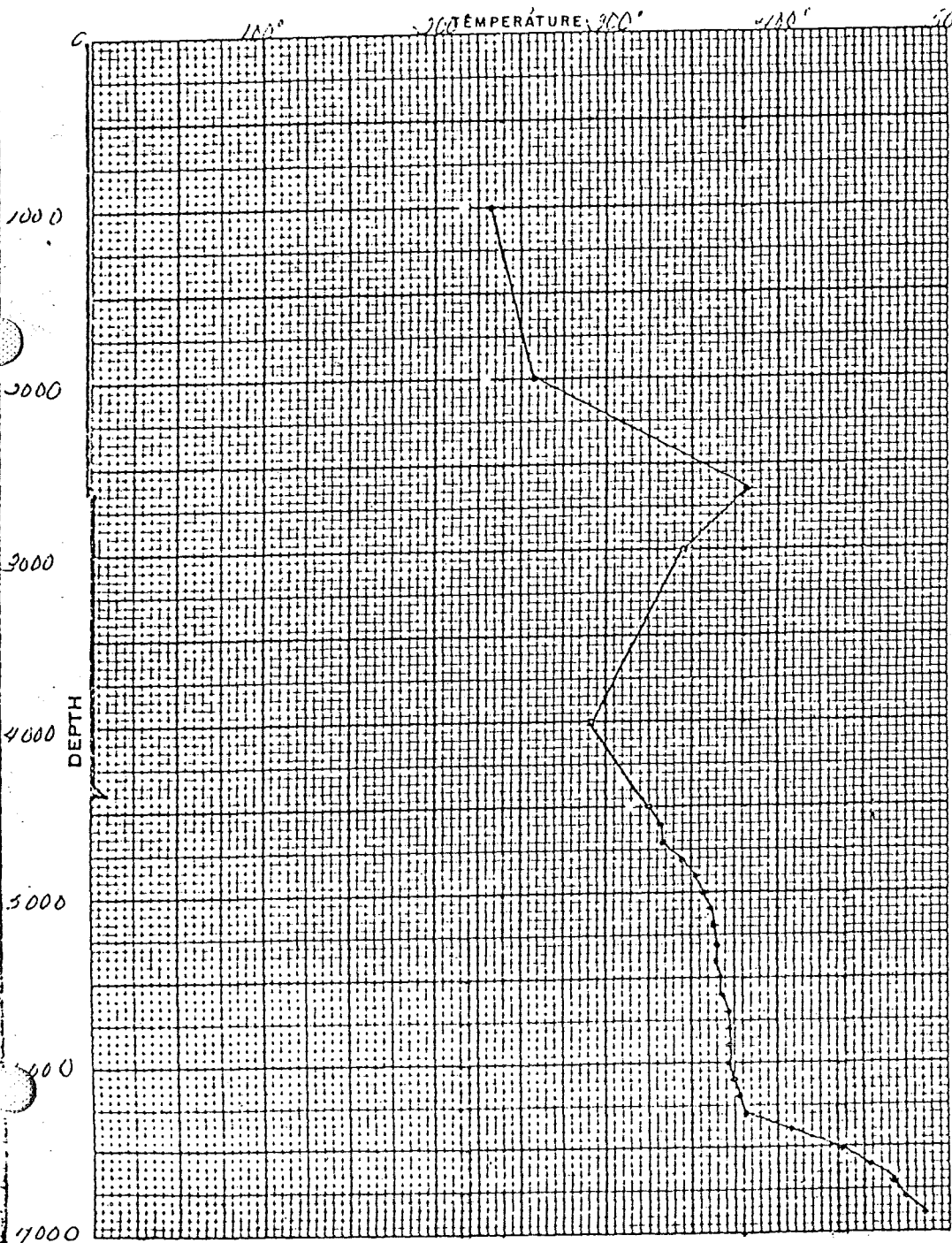
SUBSURFACE TEMPERATURE SURVEY

OWNER Deer Land & Cattle Co FIELD Reynolds Valley WELL NAME Boca #5
 CASING 4 1/2" liner from 2692' to ELEV 4320 Ch DATE: 10-6-72
 LINER DESCRIPTION: 4400' ZERO POINT _____ DEPTH _____

HOLE DESCRIPTION: _____ INSTRUMENT 84°F - 6.46°F/FM
 SERIAL NO KTB-10005

PURPOSE _____ MAX TEMP _____ °F @ _____
 REMARKS: _____

STABILIZATION PERIOD _____



PRESSURES	GAUGE	BOJIB
CASING, PSI		

DEPTH	TEMP.	DEPTH	TEMP.
1000	237.5		
2000	259.3		
2692	352.6		
3000	345.7		
4000	390.7		
4400	518.7		
4500	325.6		
4600	331.9		
4700	336.3		
4800	345.4		
4900	352.3		
5000	355.9		
5100	361.1		
5200	363.3		
5300	365.5		
5400	365.8		
5500	367.2		
5600	368.0		
5700	371.0		
5800	372.1		
5900	373.2		
6000	374.3		
6100	375.7		
6200	377.6		
6300	381.5		
6400	411.9		
6500	431.3		
6600	454.2		
6700	446.1		
6800	475.7		
6900	455.0		

BY: _____

UNION

GEO THERMAL DIVISION

BS-51PT

SUBSURFACE PRESSURE SURVEY

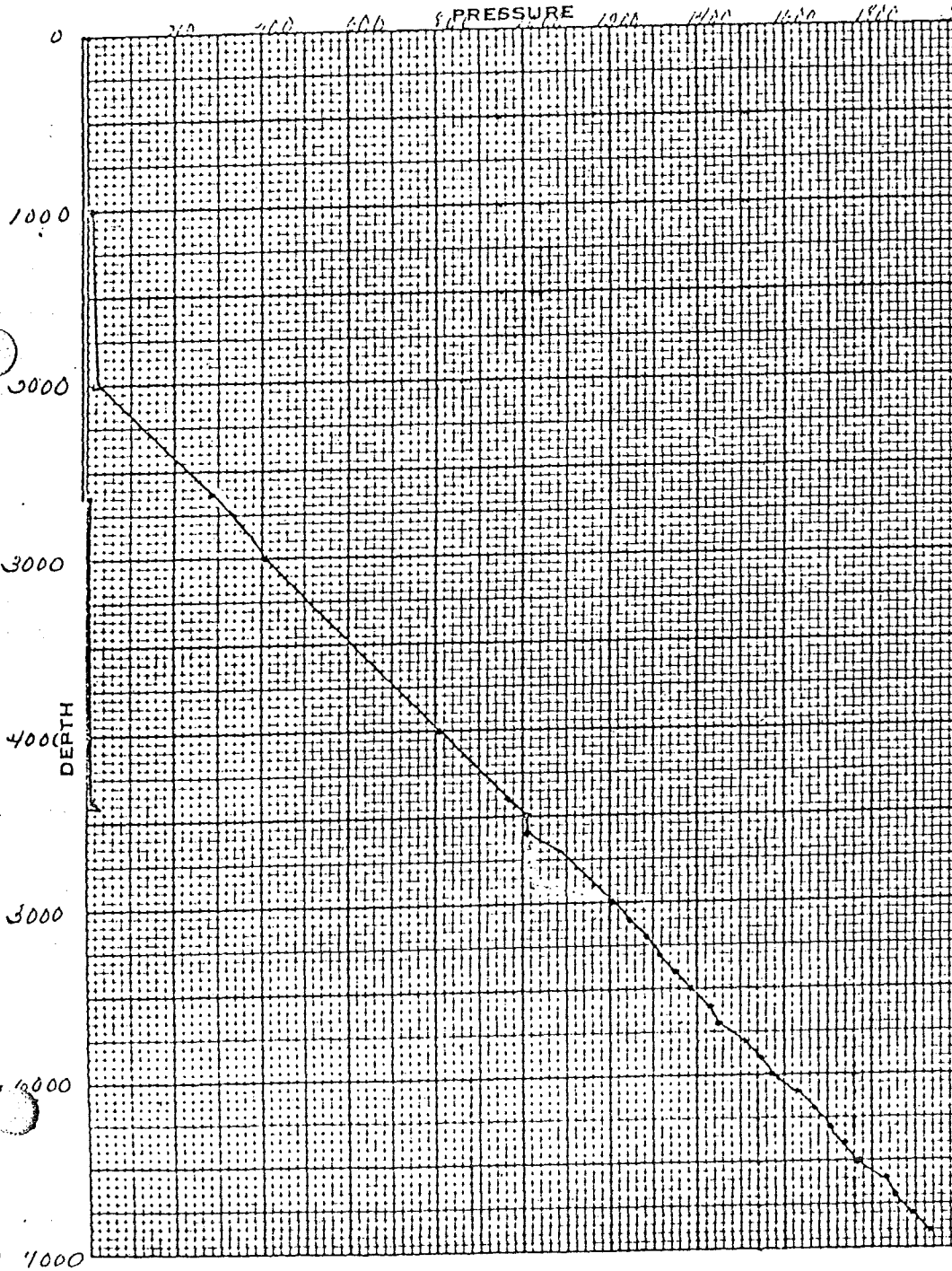
76

OWNER Bacon Land & Cattle Co FIELD Redondo Valley WELL NAME Pack # 5
 CASING 7 5/8" line from 2693' to 4400' ELEV. 9320' ab DATE 10-6-72
 LINER DESCRIPTION: _____ ZERO POINT _____ DEPTH _____

HOLE DESCRIPTION: _____ INSTRUMENT 2050 PS
 SERIAL NO 6604 N

PURPOSE _____ MAX TEMP _____ °F @ _____

REMARKS: _____ STABILIZATION PERIOD _____



PRESSURES	GAUGE	BOMB
CASING, PSI		

DEPTH	PRESSURE	GRADIENT
1000	12	
2000	6.0	
2692	251.77	
3000	401.65	
4000	826.22	
4400	966.51	
4500	1024.52	
4600	1064.55	
4700	1084.34	
4800	1124.10	
4900	1161.45	
5000	1203.41	
5100	1246.96	
5200	1280.72	
5300	1319.35	
5400	1357.53	
5500	1396.94	
5600	1437.35	
5700	1478.19	
5800	1510.90	
5900	1550.55	
6000	1589.59	
6100	1628.33	
6200	1664.65	
6300	1705.51	
6400	1740.92	
6500	1784.30	
6600	1819.61	
6700	1859.56	
6800	1899.55	
6900	1934.62	

BY: _____