

FOR OFFICIAL USE ONLY

# AGNEW AND SWEET

605

Production  
Specialists

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24 HOUR  
SERVICE

## SUBSURFACE TEMPERATURE SURVEY

OWNER Arizona Geothermal Energy FIELD Maricopa WELL NAME Power Ranch #1

### WELL DATA

ZERO POINT K.B. DEPTH 4780'  
ELEVATION \_\_\_\_\_ ZONE \_\_\_\_\_  
CASING 13 3/8" @ 3118'

### SURVEY CONDITIONS

DATE February 27, 1973 (Build-Up February 28, 1973)  
PURPOSE Static Temperature Profile  
REMARKS Gas Surfacing during surveys of Feb. 27th and 28th  
Stopped drilling approx. 9:31 am Feb. 27, 1973

LINER DESCRIPTION \_\_\_\_\_

INSTRUMENT 96-662 °F, SERIAL NUMBER KT 10025

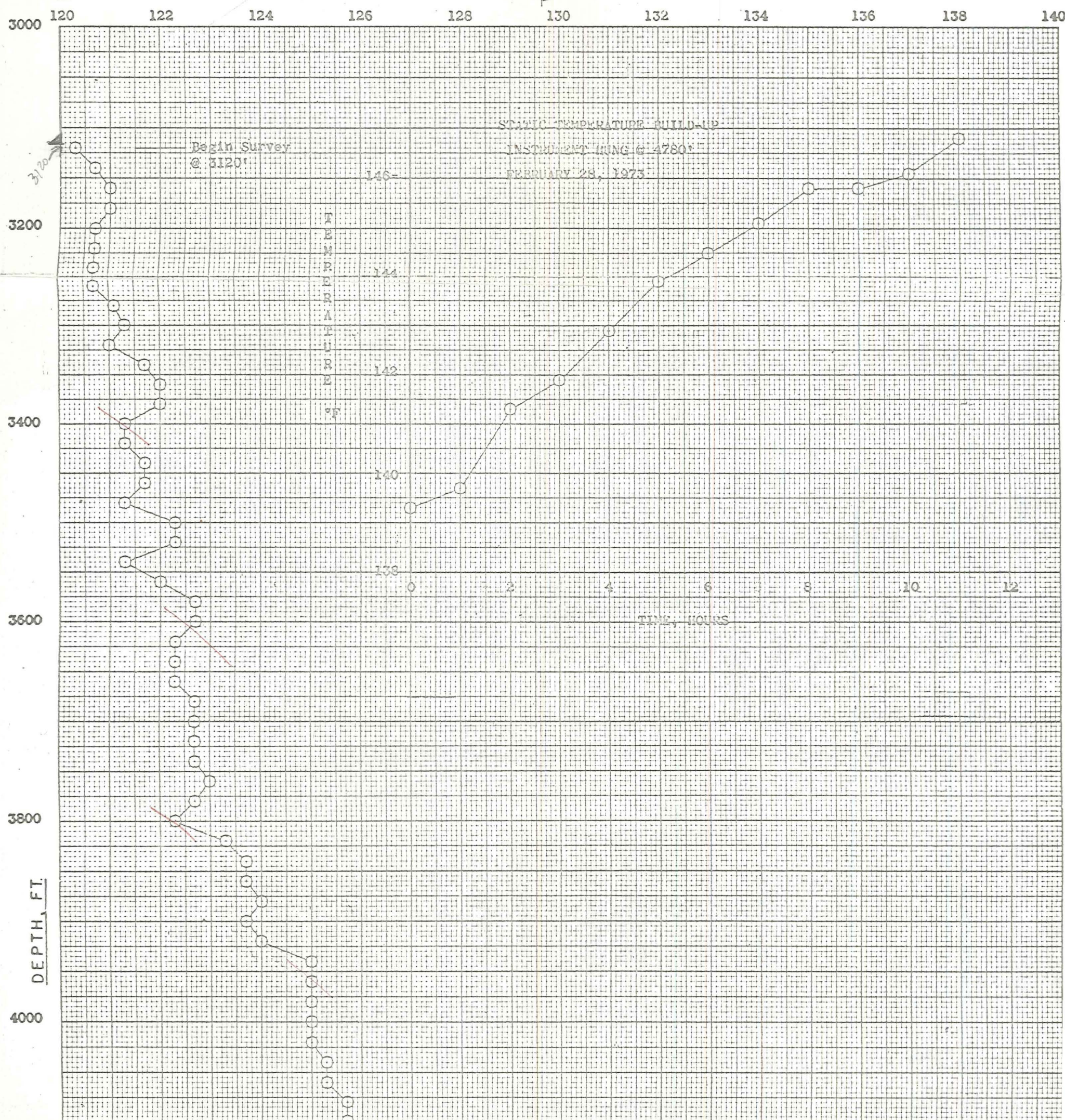
TUBING DETAIL None

MAX. TEMPERATURE \_\_\_\_\_ °F, AT \_\_\_\_\_  
SHUT IN \_\_\_\_\_ STABILIZATION PERIOD \_\_\_\_\_

		PRESSURES, PSIG	
		OBSERVED	CORRECTED
NET OIL RATE, BBL/D			
FORMATION GAS, MCF/D			
GOR, CFT/BBL			
CIRCULATED GAS, MCF/D			
OIL DRY GRAVITY, °API			

CASING Open TUBING Open

BY Hilderbrand







SUB-SURFACE TEMPERATURE DATA

DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F
STATIC PROFILE February 27, 1973						STATIC BUILD-UP February 28, 1973 @ 4780'					
3120	120.3	3680	122.1	4240	126.3	TIME, HRS.	TEMP. °F				
3140	120.7	3700	122.7	4260	126.3	0	139.3				
3160	121.0	3720	122.7	4280	126.3	1 Hr.	139.7				
3180	121.0	3740	122.7	4300	127.0	2	141.3				
3200	120.7	3760	123.0	4320	127.0	3	141.9				
3220	120.7	3780	122.7	4340	127.3	4	142.9				
3240	120.7	3800	122.3	4360	128.7	5	143.9				
3260	120.7	3820	123.3	4380	129.0	6	144.5				
3280	121.1	3840	123.7	4400	129.0	7	145.1				
3300	121.3	3860	123.7	4420	128.7	8	145.8				
3320	121.0	3880	124.0	4440	129.3	9	145.8				
3340	121.7	3900	123.7	4460	130.6	10	146.1				
3360	122.0	3920	124.0	4480	130.6	11	146.8				
3380	122.0	3940	125.0	4500	130.3	Time on Bottom: 1:15 pm Feb. 28, 1973					
3400	121.3	3960	125.0	4520	131.6						
3420	121.3	3980	125.0	4540	131.6						
3440	121.7	4000	125.0	4560	132.6						
3460	121.7	4020	125.0	4580	132.6						
3480	121.3	4040	125.3	4600	132.9						
3500	122.3	4060	125.3	4620	133.2						
3520	122.3	4080	125.7	4640	133.5						
3540	121.3	4100	125.7	4660	134.2						
3560	122.0	4120	125.7	4680	134.5						
3580	122.7	4140	127.7	4700	134.8						
3600	122.7	4160	127.0	4720	135.1						
3620	122.3	4180	125.7	4740	135.5						
3640	122.3	4200	125.7	4760	136.8						
3660	122.3	4220	125.7	4780	137.7						

RECEIVED  
APR 20 1973  
O & G CONS. COMM.