

# AGNEW AND SWEET

## WIRELINE SERVICE

PHONE (805) 327-2267,  
3914 GILMORE AVENUE  
BAKERSFIELD, CALIFORNIA 93308

### SUBSURFACE TEMPERATURE SURVEY

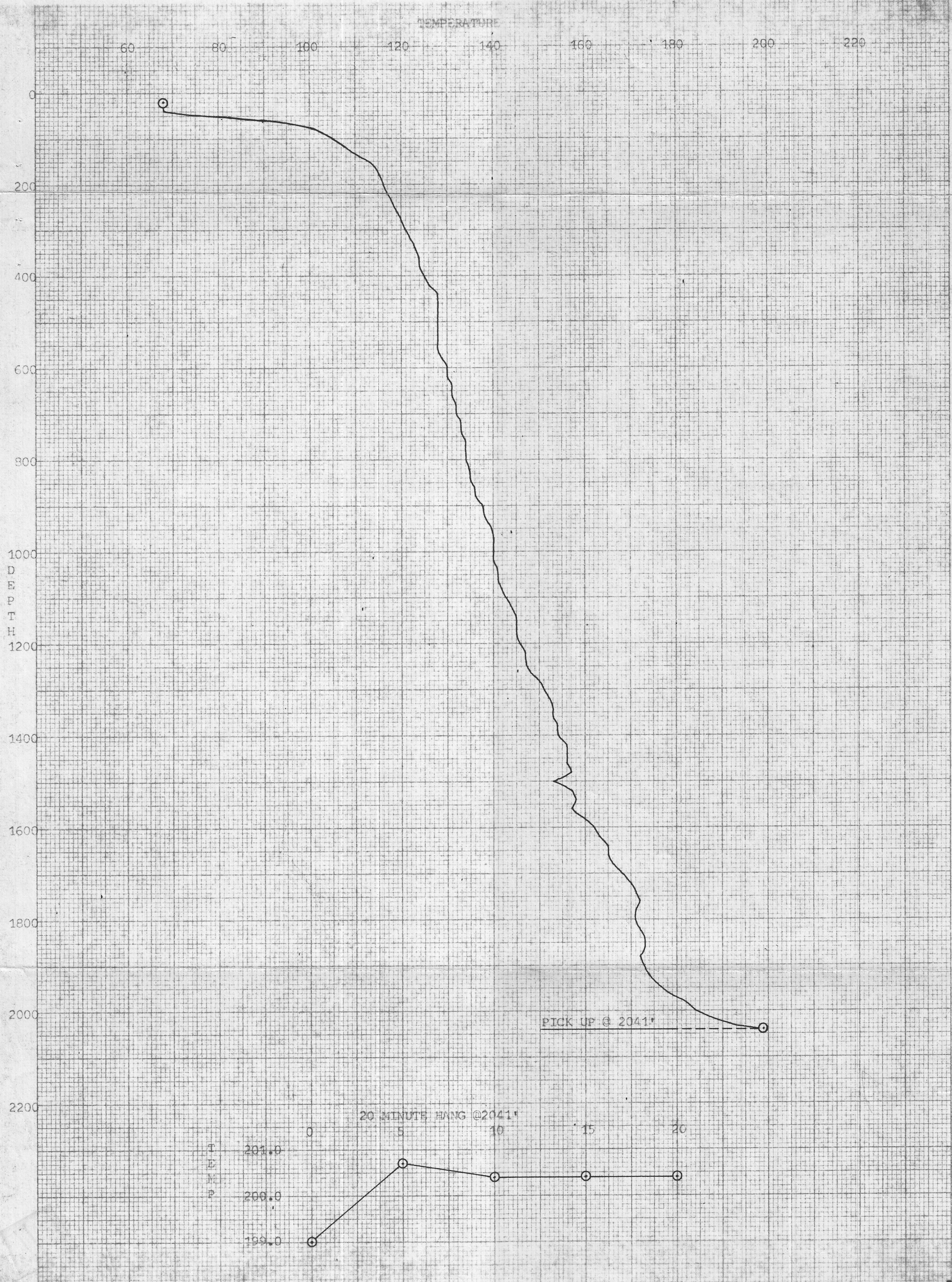
OWNER GETTY OIL COMPANY FIELD ROOSEVELT WELL NAME IGW 52 - 21

#### WELL DATA

ZERO POINT D.F. DEPTH 2041'  
ELEVATION 5300' ZONE \_\_\_\_\_  
CASING 13-5/8" @ 765'

#### SURVEY CONDITIONS

DATE March 5, 1978  
PURPOSE STATIC TEMPERATURE TRAVERSE SURVEY  
REMARKS Traverse @ 20' per minute. Open hole  
Stopped circulating @ 6:00 am 3-4-78  
 12 HOUR TURN  TUBING  ANNULUS  
INSTRUMENT 53-285 °F, SERIAL NUMBER 15120  
MAX. TEMPERATURE 200.7 °F, AT 2041'  
SHUT IN \_\_\_\_\_ STABILIZATION PERIOD \_\_\_\_\_  
PICK UP 2041' PRESSURE, P SIG \_\_\_\_\_  
STATUS Static START \_\_\_\_\_ FINISH \_\_\_\_\_  
TIME ON BOTTOM 4:18 am CASING \_\_\_\_\_  
TIME OFF BOTTOM 4:39 am TUBING \_\_\_\_\_  
INSTRUMENT HUNG AT 2041' BY SUNDBERG & MEADOR



#### SUB-SURFACE TEMPERATURE DATA

DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F
20	68.7	360	124.7	740	133.8	1100	143.5	1460	156.9	1820	172.8
40	68.7	400	125.6	760	134.1	1120	144.7	1480	157.1	1840	173.3
60	89.1	420	126.9	780	134.1	1140	145.4	1500	153.9	1860	173.8
80	101.2	440	128.2	800	134.8	1160	145.4	1520	157.5	1880	172.8
100	105.5	460	128.2	820	135.5	1180	145.8	1540	158.4	1900	173.8
120	108.9	480	128.2	840	135.7	1200	146.5	1560	157.7	1920	174.8
140	111.7	500	128.2	860	136.4	1220	147.2	1580	160.1	1940	176.8
160	114.2	520	128.4	880	136.9	1240	147.5	1600	162.8	1960	178.3
180	115.4	540	128.7	900	138.1	1260	148.4	1620	163.9	1980	182.9
200	116.7	560	128.9	920	138.8	1280	150.1	1640	165.1	2000	184.9
220	116.7	580	129.4	940	139.0	1300	151.4	1660	165.6	2020	189.4
240	118.5	600	130.1	960	140.0	1320	152.5	1680	166.2	2041	199.0
260	119.8	620	130.3	980	140.2	1340	153.5	1700	168.1		
280	120.4	640	131.3	1000	140.7	1360	153.9	1720	170.7	20 MINUTE HANG @ 2041'	
300	121.0	660	131.5	1020	140.9	1380	154.8	1740	171.7	0	199.0
320	122.2	680	132.0	1040	141.1	1400	154.8	1760	172.3	5 min.	200.7
340	123.2	700	132.4	1060	141.6	1420	156.3	1780	171.7	10	200.4
360	124.1	720	133.1	1080	142.5	1440	156.9	1800	171.3	15	200.4
										20	200.4