

Production  
Specialists

# AGNEW AND SWEET

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24 HOUR  
SERVICE

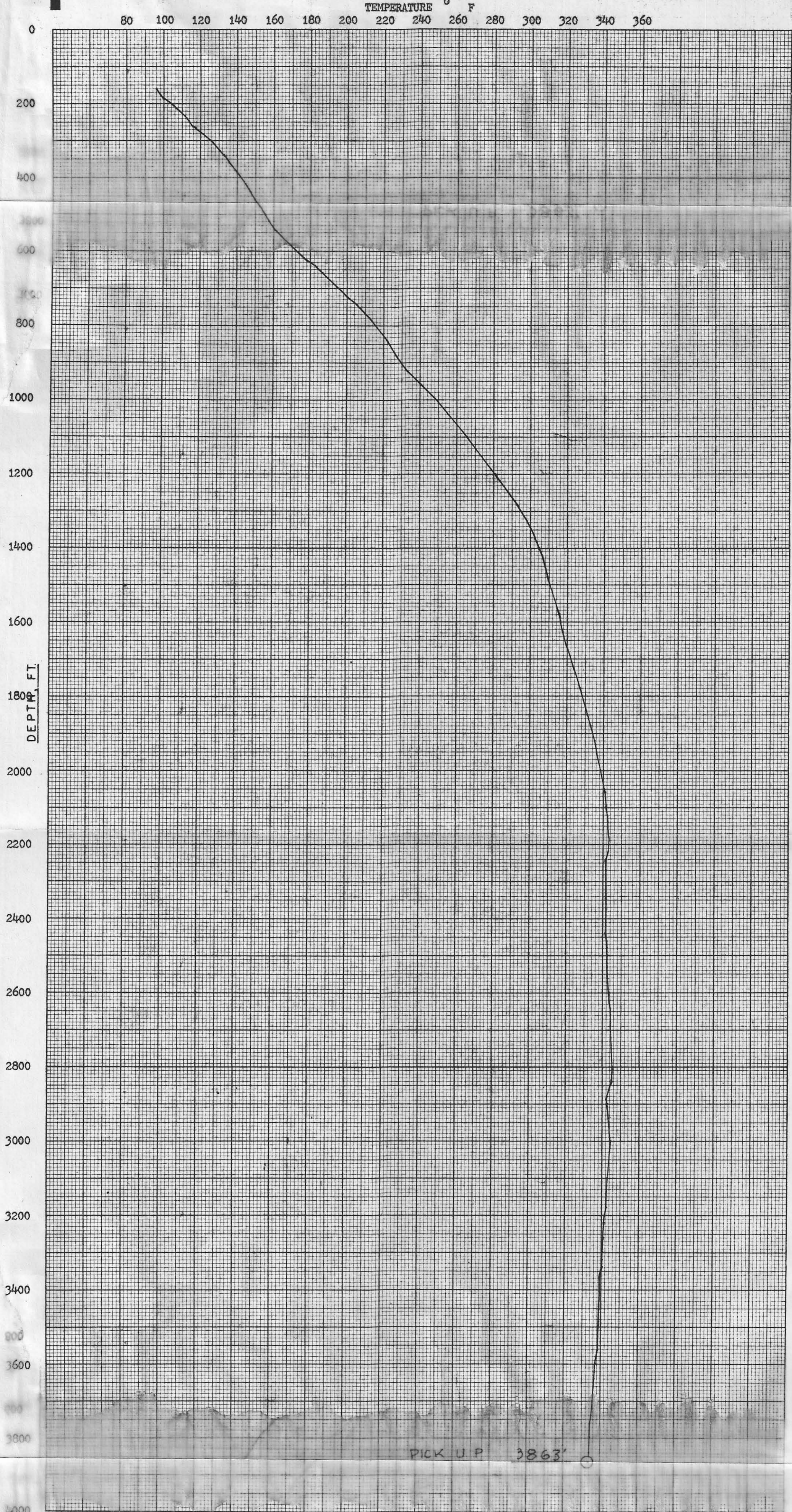
## SUBSURFACE TEMPERATURE SURVEY

OWNER CHEVRON OIL COMPANY FIELD HEBER WELL NAME GW No. 3

WELL DATA SURVEY CONDITIONS  
ZERO POINT MAT + 10' DEPTH \_\_\_\_\_ DATE MAY 18, 1975  
ELEVATION \_\_\_\_\_ ZONE \_\_\_\_\_ PURPOSE STATIC TEMPERATURE SURVEY TRAVERSE 20' / MINUTE  
CASING \_\_\_\_\_ REMARKS PICK UP AT 3863'

LINER DESCRIPTION \_\_\_\_\_ INSTRUMENT 96° - 662° °F, SERIAL NUMBER 10025  
MAX. TEMPERATURE 345.5 °F, AT 2800' 12 Hour 15 Turns  
TUBING DETAIL 2-7/8" at 3897' SHUT IN \_\_\_\_\_ STABILIZATION PERIOD \_\_\_\_\_  
GROSS FLUID RATE, BBL / D \_\_\_\_\_ PRESSURES, P.S.I.G.  
NET OIL RATE, BBL / D \_\_\_\_\_ OBSERVED \_\_\_\_\_ CORRECTED \_\_\_\_\_  
FORMATION GAS, MCF / D \_\_\_\_\_ CASING \_\_\_\_\_  
GOR, CFT / BBL \_\_\_\_\_ TUBING \_\_\_\_\_  
CIRCULATED GAS, MCF / D \_\_\_\_\_  
OIL DRY GRAVITY, °API \_\_\_\_\_ BY DONNEL MYROW HLM

TIME ON BOTTOM 5:28 P.M. 5-18-75  
TIME OFF BOTTOM 5:30 P.M. 5-18-75



### SUB-SURFACE TEMPERATURE DATA

DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F
0		660	186.7	1320	297.8	1980	337.5	2620	343.6	3280	341.5
20		680	190.5	1340	299.8	2000	338.6	2640	343.8	3280	341.0
40		700	195.2	1360	301.5	2020	339.5	2660	344.1	3300	340.7
60		720	199.2	1380	303.3	2040	340.4	2680	344.4	3320	340.7
80		740	204.1	1400	304.7	2060	341.0	2700	344.4	3340	340.4
100		760	208.4	1420	306.2	2080	341.5	2720	344.7	3360	340.4
120		780	212.1	1440	307.3	2100	341.8	2740	345.0	3380	339.8
140		800	215.1	1460	308.5	2120	342.1	2760	345.2	3400	339.8
160	96.0	820	218.2	1480	309.6	2140	342.1	2780	345.2	3420	339.5
180	98.3	840	221.2	1500	311.1	2160	342.4	2800	345.5	3440	339.5
200	104.0	860	223.7	1520	312.3	2180	342.7	2820	345.5	3460	339.2
220	108.7	880	226.8	1540	313.7	2200	342.4	2840	345.5	3480	338.9
240	112.0	900	229.3	1560	314.9	2220	342.4	2860	344.4	3500	338.9
260	115.0	920	232.1	1580	316.0	2240	341.8	2880	343.0	3520	338.6
280	120.7	940	235.2	1600	316.9	2260	341.8	2900	343.0	3540	338.6
300	125.7	960	240.1	1620	317.8	2280	341.8	2920	343.6	3560	338.1
320	129.6	980	243.8	1640	318.9	2300	341.8	2940	343.8	3580	337.8
340	132.6	1000	248.8	1660	319.8	2320	341.8	2960	343.8	3600	337.5
360	135.8	1020	252.5	1680	320.7	2340	341.8	2980	344.4	3620	337.2
380	138.7	1040	255.6	1700	321.8	2360	341.8	3000	344.7	3640	336.9
400	141.6	1060	258.9	1720	322.7	2380	341.8	3020	344.1	3660	336.6
420	144.5	1080	262.8	1740	323.9	2400	341.8	3040	343.8	3680	336.3
440	146.8	1100	265.8	1760	325.6	2420	341.8	3060	343.3	3700	336.0
460	149.7	1120	269.7	1780	327.0	2440	341.8	3080	343.3	3720	335.7
480	152.3	1140	273.3	1800	328.2	2460	342.1	3100	343.0	3740	335.5
500	155.2	1160	275.7	1820	329.1	2480	342.1	3120	342.7	3760	334.9
520	157.7	1180	277.5	1840	330.8	2500	342.4	3140	342.4	3780	334.9
540	160.3	1200	280.5	1860	332.3	2520	342.7	3160	342.1	3800	334.9
560	164.2	1220	283.8	1880	333.4	2540	342.7	3180	342.1	3820	334.3
580	167.7	1240	286.7	1900	334.3	2560	343.0	3200	341.8	3840	334.0
600	172.2	1260	290.2	1920	335.2	2580	343.3	3220	341.5	3860	334.0
620	177.0	1280	292.0	1940	335.7	2600	343.6	3240	341.5	3863	334.0
640	182.2	1300	295.1	1960	336.6						