

COMPANY: WEST-TEST, INC.
CLIENT: ARCH PETROLEUM, INC.
GAUGE NUMBER: 29240
WELL NAME: H.T. MATTERN
WELL NUMBER: 4
TEST NUMBER: 97-14-0631
LOCATION: LEA COUNTY, NEW MEXICO
TEST OPERATOR: RS AND ML
COMMENTS: TEMPERATURE SURVEY

POSITION	GAUGE SERIAL NUMBER
1	

PAGE START DATE: 4/ 6/97
PAGE START TIME: 13:10: 0
DATA FILE: 1

DELTA TIME HRS	DEPTH FEET	TEMPERATURE 'F	COMMENTS
0.000	20.00	67.00	
0.917	1400.00	74.00	
0.950	1541.00	107.75	BREAK
0.967	1609.00	95.00	
0.983	1677.00	106.50	
1.000	1745.00	94.00	
1.008	1779.00	102.00	
1.017	1813.00	93.50	
1.033	1882.00	101.75	
1.042	1916.00	98.50	
1.058	1984.00	107.75	
1.067	2017.00	98.25	
1.075	2042.00	124.00	
1.083	2087.00	118.00	
1.092	2122.00	124.00	
1.100	2158.00	117.50	
1.108	2192.00	120.75	
1.117	2231.00	100.50	
1.125	2268.00	125.00	
1.133	2305.00	123.00	
1.142	2343.00	126.50	
1.167	2455.00	85.25	
1.175	2492.00	90.75	
1.192	2566.00	84.00	
1.208	2639.00	85.00	
1.225	2713.00	84.00	
1.250	2826.00	85.00	
1.300	3046.00	85.00	
1.333	3194.00	88.50	
1.350	3268.00	87.75	
1.367	3343.00	89.50	
1.383	3418.00	88.50	
1.400	3492.00	89.50	
1.433	3647.00	87.75	
1.500	3938.00	91.00	
1.517	4007.00	90.00	
1.533	4075.00	92.00	
1.550	4135.00	90.25	
1.567	4181.00	94.00	M.D.R.

DATE AND TIME CEMENT JOB COMPLETE:

APRIL 5, 1997 @ 11:30 PM

DATE AND TIME SURVEY MADE:

APRIL 6, 1997 @ 1:00 PM

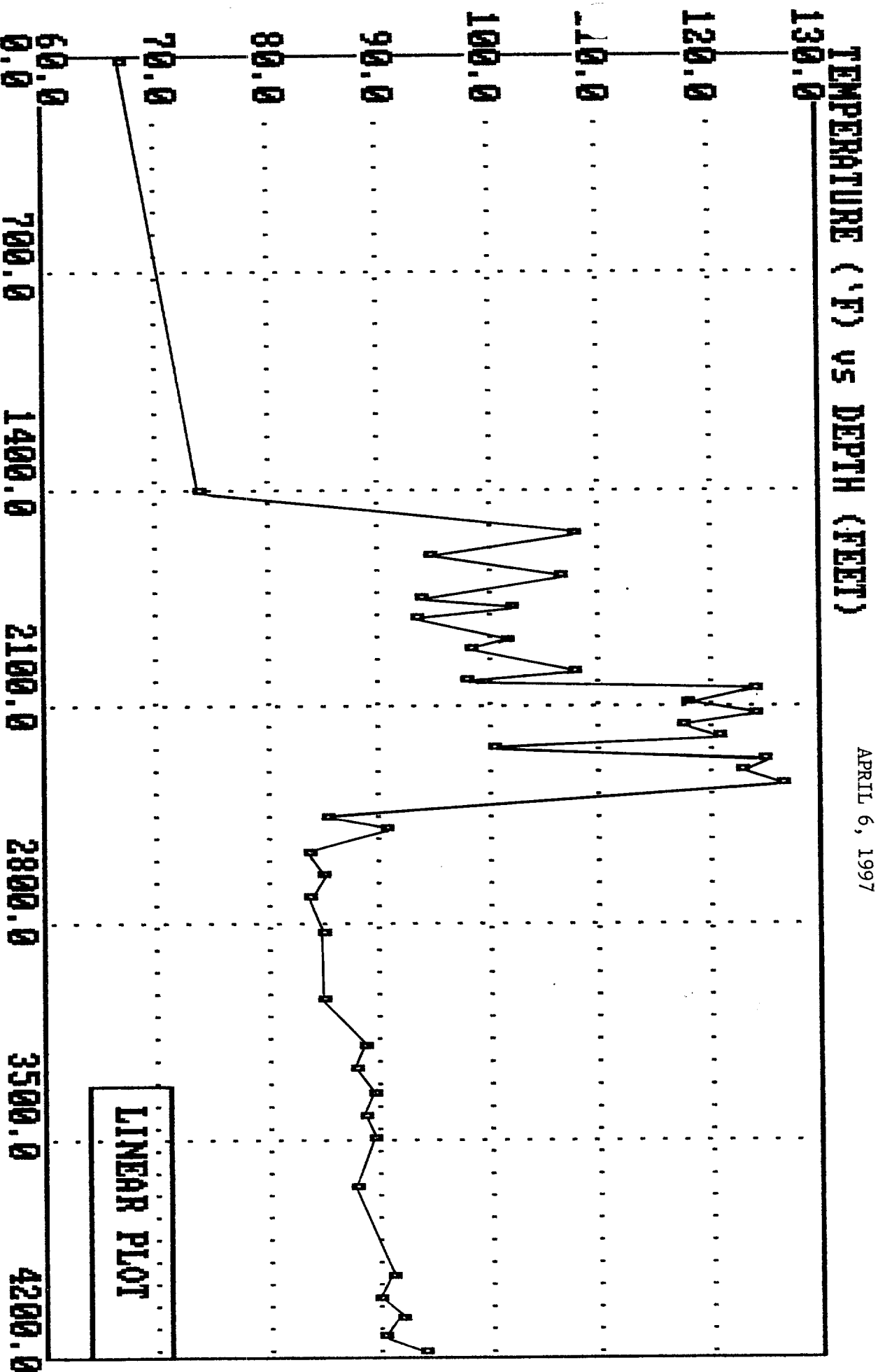
AMOUNT AND TYPE CEMENT USED:

1250 SACKS 50:50 POSMIX CLASS C;
150 SACKS CLASS C WITH 2% CALCIUM
CHLORIDE RUN THROUGH D.V. TOOL
BEHIND 4202 FEET OF 5½" CASING IN
A 7-7/8" HOLE.

DEPTH FIGURED FROM:

KELLY BUSHING

ARCH PETROLEUM, INC.
H.T. MATERN NO. 4
LEA COUNTY, NEW MEXICO
TEMPERATURE SURVEY
APRIL 6, 1997



APPROXIMATE CEMENT TOP: 1400 FEET
M.D.R.: 4181 FEET

TEMPERATURE SURVEY

OPERATOR ARCH PETROLEUM, INC.
LEASE H.T. MATTERN
WELL NO. 4
FIELD _____
DATE & TIME CEMENT JOB COMPLETED _____
DATE & TIME SURVEY MADE _____
SURVEY RUN BY B.S. & M.L.
DATUM KELLY BUSHING
WELL DATA 1250 SACKS 50-50 POSMIX CLASS C; 150 SACKS CLASS C WITH
2% CALCIUM CHLORIDE THROUGH D V TOOL @ 4202 FEET
BEHIND 5 1/8 INCH CASING IN A 7 7/8 INCH HOLE.

