WELL ANALYSIS CORPORATION

COMPANY	ARCO ALASKA, INC.
WELL	DS 4-10
FIELD	PRUDHOE BAY
COUNTY	NORTH SLOPE
STATE	ALASKA
API NUMBER	50-029-20366-00
LOCATION	1320' FSL & 1320' FEL
SECTION	36
TOWNSHIP	11N
RANGE	14E
PERMANENT DATUM	MSL
ELEV.	0'
LOG MEASURED FROM	RKB
26' ABOVE PERMANENT DATUM	
DRILLING MEASURED FROM	RKB
ELEV.	
DATE	12-Jan-1994
RUN NUMBER	ONE
TD DRILLER	11500'
TD LOGGER	11500'
BTM. LOG INTERVAL	11500'
TOP LOG INTERVAL	10000'
CASING SIZE	9-5/8" @ 10000'
TYPE FLUID IN HOLE	SEAWATER
DENSITY	8.5
VISCOSITY	28
PH	8.0
FLUID LEVEL	FULL
MAX REC. TEMP.	215°F
ESTIMATED STATIC TEMP.	230°F
TIME SINCE CIRCULATION	12 HRS
TIME LOGGER ON BOTTOM	0600 HRS
UNIT NUMBER	2
LOGGING ENGINEER	SCHMIDT
WITNESS	MR. KENT BROWNING

Equipment Data

CELLAR LOCATOR	120'
TEMPERATURE	120'
AUDIO DETECTOR	120'

Remarks/Survey Results

RIGGED WITH, WATER CONTACTED WELL AT 2' PAST TOP OF WELL.
RIG UP, RAN 24 HOUR
RIG UP, RAN 24 HOUR
RIG UP, RAN 24 HOUR
RIGGED UP, RAN 24 HOUR
RIGGED UP, RAN 24 HOUR
SHUT IN, RAN 24 HOURS
"1/2" TOP 8R
"1/2" TOP 8R
"1/2" TOP 8R
"1/2" TOP 8R

CASING AND TUBING RECORD

SIZE	WT.	GRADE	THD.	DEPTH	SIZE	WT.	GRADE	THD.	DEPTH
9-5/8"	47#	N-80 BTRS	LTC	10000'	7"	26#	N-80	LTC	9800'
7"	26#	N-80	LTC	9800'	4-1/2"	12.6#	N-80	LTC	9700'
4-1/2"	12.6#	N-80	LTC	9700'					
4-1/2"		N-80 BTRS	LTC	9700'					

PERFORATIONS

9	9-5/8"	9800' - 9900', 9900' - 9940', 9940' - 9970', 9970' - 10000'
7	7"	9700' - 9800'

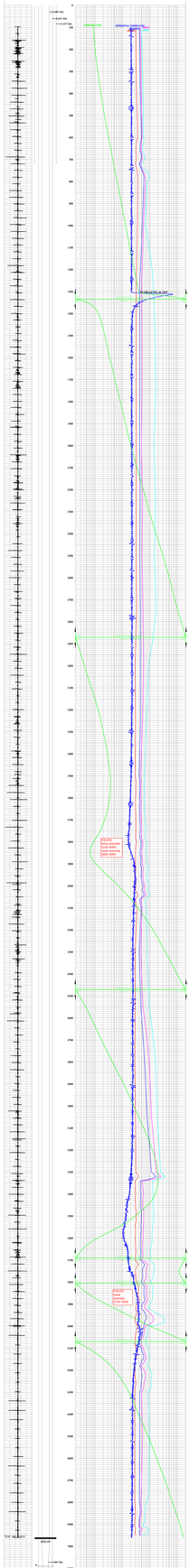
TOOL DIAGRAM

CELLAR LOCATOR AT 0' ■

TEMPERATURE TOOL AT 0' ■

AUDIO DETECTOR AT 0' ■

AUDIO DATA - CELLAR-BOTTOM (0' - 11500')

DEPTH	ZONE	DEPTH	ZONE	DEPTH	ZONE
100	5.00	400	4.50	700	5.00
200	5.00	500	4.75	800	5.00
300	5.00	600	5.00	900	5.00
400	5.00	700	5.00	1000	5.00
500	5.00	800	5.00	1100	5.00
600	5.00	900	5.00	1200	5.00
700	5.00	1000	5.00	1300	5.00
800	5.00	1100	5.00	1400	5.00
900	5.00	1200	5.00	1500	5.00
1000	5.00	1300	5.00	1600	5.00
1100	5.00	1400	5.00	1700	5.00
1200	5.00	1500	5.00	1800	5.00
1300	5.00	1600	5.00	1900	5.00
1400	5.00	1700	5.00	2000	5.00
1500	5.00	1800	5.00	2100	5.00
1600	5.00	1900	5.00	2200	5.00
1700	5.00	2000	5.00	2300	5.00
1800	5.00	2100	5.00	2400	5.00
1900	5.00	2200	5.00	2500	5.00
2000	5.00	2300	5.00	2600	5.00
2100	5.00	2400	5.00	2700	5.00
2200	5.00	2500	5.00	2800	5.00
2300	5.00	2600	5.00	2900	5.00
2400	5.00	2700	5.00	3000	5.00
2500	5.00	2800	5.00	3100	5.00
2600	5.00	2900	5.00	3200	5.00
2700	5.00	3000	5.00	3300	5.00
2800	5.00	3100	5.00	3400	5.00
2900	5.00	3200	5.00	3500	5.00
3000	5.00	3300	5.00	3600	5.00
3100	5.00	3400	5.00	3700	5.00
3200	5.00	3500	5.00	3800	5.00
3300	5.00	3600	5.00	3900	5.00
3400	5.00	3700	5.00	4000	5.00
3500	5.00	3800	5.00	4100	5.00
3600	5.00	3900	5.00	4200	5.00
3700	5.00	4000	5.00	4300	5.00
3800	5.00	4100	5.00	4400	5.00
3900	5.00	4200	5.00	4500	5.00
4000	5.00	4300	5.00	4600	5.00
4100	5.00	4400	5.00	4700	5.00
4200	5.00	4500	5.00	4800	5.00
4300	5.00	4600	5.00	4900	5.00
4400	5.00	4700	5.00	5000	5.00
4500	5.00	4800	5.00	5100	5.00
4600	5.00	4900	5.00	5200	5.00
4700	5.00	5000	5.00	5300	5.00
4800	5.00	5100	5.00	5400	5.00
4900	5.00	5200	5.00	5500	5.00
5000	5.00	5300	5.00	5600	5.00
5100	5.00	5400	5.00	5700	5.00
5200	5.00	5500	5.00	5800	5.00
5300	5.00	5600	5.00	5900	5.00
5400	5.00	5700	5.00	6000	5.00
5500	5.00	5800	5.00	6100	5.00
5600	5.00	5900	5.00	6200	5.00
5700	5.00	6000	5.00	6300	5.00
5800	5.00	6100	5.00	6400	5.00
5900	5.00	6200	5.00	6500	5.00
6000	5.00	6300	5.00	6600	5.00
6100	5.00	6400	5.00	6700	5.00
6200	5.00	6500	5.00	6800	5.00
6300	5.00	6600	5.00	6900	5.00
6400	5.00	6700	5.00	7000	5.00
6500	5.00	6800	5.00	7100	5.00
6600	5.00	6900	5.00	7200	5.00
6700	5.00	7000	5.00	7300	5.00
6800	5.00	7100	5.00	7400	5.00
6900	5.00	7200	5.00	7500	5.00
7000	5.00	7300	5.00	7600	5.00
7100	5.00	7400	5.00	7700	5.00
7200	5.00	7500	5.00	7800	5.00
7300	5.00	7600	5.00	7900	5.00
7400	5.00	7700	5.00	8000	5.00
7500	5.00	7800	5.00	8100	5.00
7600	5.00	7900	5.00	8200	5.00
7700	5.00	8000	5.00	8300	5.00
7800	5.00	8100	5.00	8400	5.00
7900	5.00	8200	5.00	8500	5.00
8000	5.00	8300	5.00	8600	5.00
8100	5.00	8400	5.00	8700	5.00
8200	5.00	8500	5.00	8800	5.00
8300	5.00	8600	5.00	8900	5.00
8400	5.00	8700	5.00	9000	5.00
8500	5.00	8800	5.00	9100	5.00
8600	5.00	8900	5.00	9200	5.00
8700	5.00	9000	5.00	9300	5.00
8800	5.00	9100	5.00	9400	5.00
8900	5.00	9200	5.00	9500	5.00
9000	5.00	9300	5.00	9600	5.00
9100	5.00	9400	5.00	9700	5.00
9200	5.00	9500	5.00	9800	5.00
9300	5.00	9600	5.00	9900	5.00
9400	5.00	9700	5.00	10000	5.00
9500	5.00	9800	5.00	10100	5.00
9600	5.00	9900	5.00	10200	5.00
9700	5.00	10000	5.00	10300	5.00
9800	5.00	10100	5.00	10400	5.00
9900	5.00	10200	5.00	10500	5.00
10000	5.00	10300	5.00	10600	5.00
10100	5.00	10400	5.00	10700	5.00
10200	5.00	10500	5.00	10800	5.00
10300	5.00	10600	5.00	10900	5.00
10400	5.00	10700	5.00	11000	5.00
10500	5.00	10800	5.00	11100	5.00
10600	5.00	10900	5.00	11200	5.00
10700	5.00	11000	5.00	11300	5.00
10800	5.00	11100	5.00	11400	5.00
10900	5.00	11200	5.00	11500	5.00
11000	5.00	11300	5.00		
11100	5.00	11400	5.00		
11200	5.00	11500	5.00		
11300	5.00				
11400	5.00				
11500	5.00				

140	CELLAR LOCATOR (MV)	280	
		147	TEMPERATURE (DEG F)
		0.02	AUDIO DETECTOR (MV/MV)
		2	DIFFERENTIAL TEMPERATURE (DEG F)