SCHLUMBERGER
GEARHART-OWEN

INDUCTION ELECTRICAL LOG

COMPANY C.E.C. CORPORATION
WELL Chena Lake No. 1
FIELD Chena Lake Area
COUNTY Fairbanks North Star
STATE Alaska

Location: Other Services: DIL

Permanent Datum: G.L. Elev. 425 ft. Above Perm. Datum
Log Measured From: K.B. 6 ft. Above Perm. Datum
Drilling Measured From: K.B.

Date: 9-30-77
Run No.: ONE
Depth-Driller: 1700
Depth-Logger: 1700
Bottom Logged Interval: 1700
Top Logged Interval: 0
Type Fluid in Hole: WATER
Salinity, PPM Cl: 500
Density: 8.4
Level: FULL
Max. Rec. Temp. Deg. F: 60
Operating Rig Time: 5 HRS
Recorded By: R. STEELE
Witnessed By: MR. CHRISTENSEN

Run No.	Bit From	Bit To	Size	Type Fluid	Density	Viscosity	pH	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source: Rmf / Rmc	Rm @ BHT	Rmf @ BHT	Rmc @ BHT	Time Since Circ.	Max. Rec. Temp. Deg. F.	Equip. Location	Recorded By	Witnessed By
ONE	0	1700	8 3/4"	WATER	8.4												5 HRS	60		R. STEELE	MR. CHRISTENSEN

Changes in Mud Type or Additional Samples:

Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole

Type Fluid in Hole:

Density: Visc.:
pH: Fluid Loss: ml

Equipment Data

Run No.	Rm @ Meas. Temp.	@ °F	Rmf @ Meas. Temp.	@ °F	Rmc @ Meas. Temp.	@ °F	Source: Rmf / Rmc	Rm @ BHT	@ °F	Rmf @ BHT	@ °F	Rmc @ BHT	@ °F
ONE	1.93 @ 70°F												

Remarks:

Equipment Data

Run No.	Tool Type	Tool Position	S.O.	Log No.	Elev. No.	Shared Run	Other
ONE	DIL	FACE	—	2-40	2-60	DIC	

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

SPONTANEOUS POTENTIAL
millivolts
-10 +

SP/GR

RESISTIVITY
ohms m²/m
16" NORMAL
AMP. NORMAL
0
180
1800
40" INDUCTION
0
180
1800

CONDUCTIVITY
1000
millimhos/m | ohms m²/m
40" INDUCTION
1000
520
0

CALIBRATION AFTER SURVEY

SP TEST
INT CAL + SEC
20 OHM-M SHORT NORMAL CAL
INT ZERO

0 14 10- 3-77 13950 1371.5 0040-06 2

0 13 10- 3-77 13950 1313.0 0040-06 2

CASING
01400
01500
01600
01800

Resistivity
Conductivity
SP Curve
Fluid Resist. (AM 16")
FR

0 09 10- 3-77 13950 1690.0 0040-06 2

REPEAT SECTION

0 06 10- 3-77 13950 1464.0 0040-06 1

0 04 10- 3-77 13950 1680.0 0040-06 1

CALIBRATION BEFORE SURVEY

SP TEST
INT CAL + SEC
20 OHM-M SHORT NORMAL CAL
INT ZERO

0 03 10- 3-77 13950 1672.0 0040-06 0

CALIBRATION RECORD

SP TEST
INTERNAL CAL + SEC
20 OHM-M SHORT NORMAL CAL
INT ZERO

10 47 9- 1-77 541 0.0 0040-06 0

LOOP CAL + SEC
LOG ZERO

10 46 9- 1-77 541 0.0 0040-06 0

10 45 9- 1-77 541 0.0 0040-06 0