Figure 3.--DRILL-HOLE NO. AK-1-6
Natural Gamma, Density, Caliper log

BIRDWELL

Gamma-Ray Density

COMPANY HAYDEN PARKER DRILLING CO.
WELL U.S. Geological Survey
FIELD ALTON - KANAB
COUNTY KANE
STATE UTAH

DATE RUN 6-5-75
DATE PROCESSED 6-5-75
DATE PRINTED 6-5-75
DATE PRINTED 6-5-75

DENSITY CALIBRATION DATA

| | | | |
|---|---|---|---|
| PRIMARY BH | 1.95-2.05 | 1.95 | 2.05 |
| PRIMARY BH SPAN (G/CC) | 2.05 | 2.05 | 2.05 |
| SECONDARY BH | 2.65 | 2.65 | 2.65 |
| SECONDARY BH SPAN (G/CC) | 2.65 | 2.65 | 2.65 |
| BOREHOLE CAL. BH | 25 | 50 | 25 |
| BOREHOLE CAL. BH SPAN (IN) | 2.21 | 2.83 | 2.21 |
| BOREHOLE HOLE DIAM. | 5-1/2" | | 5-1/2" |

REMARKS:

EQUIPMENT DATA

| | |
|---|---|
| DEN. SOURCE MAKE NO. | ONE |
| DEN. SOURCE DIM. NO. | L-AMER.-4 |
| DETECTOR | 2-1/2x9" |
| DEN. SOURCE NO. | 283 |
| DEN. SOURCE DIM. NO. | L-AM.4 |
| DEN. SOURCE DIM. NO. | L |
| DETECTOR | 1-3/8" |

GENERAL

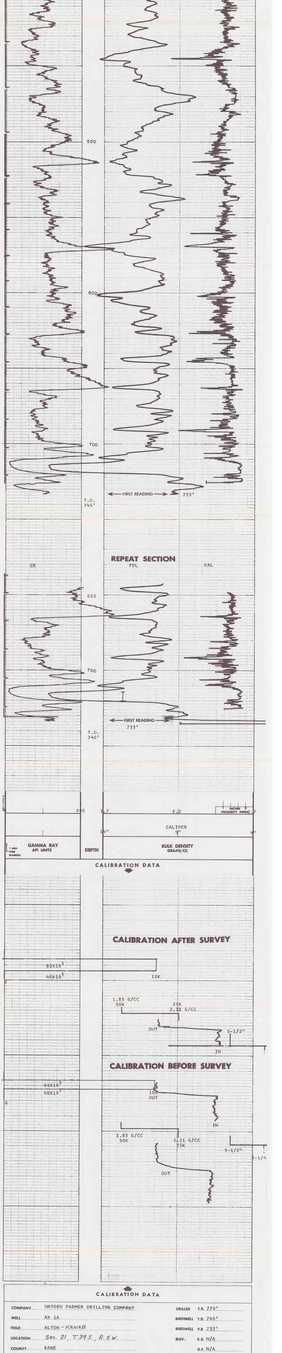
| | |
|---|---|
| MAXR NO. | 5116. |
| DRIVE SPEED NO. | 1.11153 |
| MATRIXIS LIMESTONE. | |

U.S. INFORMATION ONLY DISPLAYED

LOGGING DATA

| GENERAL | | | | GAMMA RAY | | | DENSITY | | |
|---|---|---|---|---|---|---|---|---|---|
| DEPTH FROM | DEPTH TO | SPEED FT/MIN | TC AT FROM | FPM FULL SCALE | API UNITS FULL SCALE | API UNITS ADD VOL | FPM FULL SCALE | G/CC FULL SCALE | G/CC ADD VOL |
| 733 | 0 | 20 | 3 | 8X10³ | 0 | 20 | 8X10³ | .05 | |

NOTE: RECORDED MEAS DENSITY MUST BE CORRECTED FOR BOREHOLE DIAMETERS PROPERLY




CALIBRATION DATA

| | | | |
|---|---|---|---|
| COMPANY | HAYDEN PARKER DRILLING COMPANY | DRILLER | T.D. 770' |
| WELL | AK 1A | BIRDWELL | T.D. 740' |
| FIELD | ALTON - KANAB | BIRDWELL | R# 733' |
| LOCATION | SEC. 21, T.39S., R.5W. | RUN | R# N/A |
| COUNTY | KANE | D# | N/A |
| STATE | UTAH DATE 5 JUNE 75 | CL | 0880 |

Birdwell Division
Schlumberger Well Services, Incorporated