Formula # 20144

ENERGY RESOURCES, INC.

Denver, Colorado 80217
Telephone (303) 292-0444
Telecopier (303) 292-0446

COMPANY: BROWN DRILLING COMPANY
WELL: [redacted]
FIELD: WILDCAT
COUNTY: JACKSON
STATE: WYOMING
LOCATION: 1/4 1/4 SEC 14 T 13 N R 116 W
PERMANENT DATUM: GL
LOG MEASURED FROM: KB
DRILLING MEASURED FROM: KB
ELEV.: K.B. 7000 G.L. 6990
DATE: 11-14-80
RUN NO.: ONE
TYPE LOG: GAMMA RAY NEUTRON
DEPTH-DRILLER: 6400
DEPTH-LOGGER: 6398
BOTTOM LOGGED INTERVAL: 6398
TOP LOGGED INTERVAL: 6000
TYPE FLUID IN HOLE: WATER
SALINITY PPM Cl: 1000
LEVEL: FULL
MAX. REC. TEMP. DEG. F: 150
EQUIPMENT NO.: 2
LOCATION: RIG
RECORDED BY: D. BAKER
WITNESSED BY: [illegible]

BIT: NO. 8 SIZE 7 7/8 TYPE HTC
BORE HOLE RECORD: FROM 0 TO 6400
CASING RECORD: SIZE 8 5/8 WGHT 24 FROM 0 TO 1000

OTHER SERVICES: CBL

REM: E.R. O.L.

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

## EQUIPMENT DATA

| GAMMA RAY | | NEUTRON | |
|---|---|---|---|
| RUN NO. | 1 RW | RUN NO. | 1 RW |
| TOOL MODEL NO. | 705 | LOG TYPE | 1/2/GRN |
| DIAMETER | 1 11/16" | TOOL MODEL NO. | 705 |
| DETECTOR MODEL NO. | 705-GR | DIAMETER | 1 11/16" |
| TYPE | DOUGH | DETECTOR MODEL NO. | 705 DN-3 |
| LENGTH | 1 1/8" x 10" | TYPE | HE |
| DISTANCE TO N. SOURCE | 18" | LENGTH | 10" x 8" |
| | | SOURCE MODEL NO. | 705 |
| GENERAL | | SERIAL NO. | 705-A-335 G |
| HOIST TRUCK NO. | 0020 | SPACING | 18" |
| INSTRUMENT TRUCK NO. | 0020 | TYPE | AMERICIUM |
| TOOL SERIAL NO. | 0092 | STRENGTH | 3 CT |

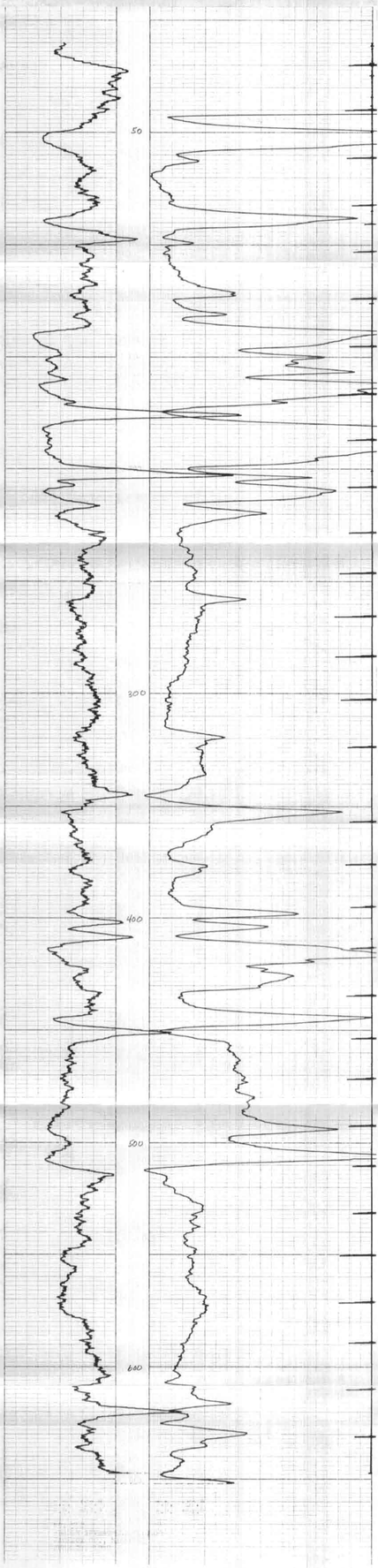
## LOGGING DATA

| GENERAL | | | | | GAMMA RAY | | | NEUTRON | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RUN NO. | DEPTHS FROM | DEPTHS TO | SPEED FT/MIN. | T.C. SEC. | SENS. SETTINGS | ZERO DIV. L OR R | API G.R. UNITS PER LOG DIV. | T.C. SEC. | SENS. SETTINGS | ZERO DIV. L OR R | API N. UNITS PER LOG DIV. |
| 1 | 0 | 6400 | 20 | 0.4 | 100/100 | 0.5 | 10 | 0.4 | 100/100 | 0.4 | 10 |

REFERENCE LITERATURE: 8" - REV. COMPUTED

REMARKS: DRILLING CONTRACTOR: BROWN DRILLING COMPANY

GAMMA RAY API UNITS — DEPTH AND CASING COLLARS — NEUTRON API UNITS

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WYO. OIL & GAS COUNCIL