(200)
R290
no. 77-164

77-164

GEOLOGICAL WELL LOG

HEGNA KERNS & TRAUT - GEOLOGISTS

GEOLOGICAL WELL LOG

OPERATOR U.S. GEOLOGICAL SURVEY ELEV. KB 3618

WELL No. 1 MADISON TEST HOLE ELEV. GR 3604

LOCATION NE SE SEC. 15 TWP. 57 N RGE. 65 W

COUNTY CROOK STATE WYOMING

CONTRACTOR THOMSON DRILLING CO. RIG NO. 20

SPUD JULY 16 '76 COMPLETED OCT 13 '76 STATUS RNG TEST WTR

LOG TD 4353 DRILLER TD 4355

CASING 30" at 49'
20" at 331'
13 3/8" at 1503'
9 5/8" at 2338'

SURVEYS rs, density, neutron, caliper, sp, ias, 3-D velocity, guard, hdnd, temp, acoustic, gr

GEOLOGIST J.R. KERNS - J.D. TRAUT
BOX 613
CASPER, WYO.

1" & 5" SCALE

EXPLANATION

ROCK TYPES: SANDSTONE, SILTSTONE, SHALE, LIMESTONE, DOLOMITE, ANHYDRITE, SALT, COAL, CONGLOMERATE

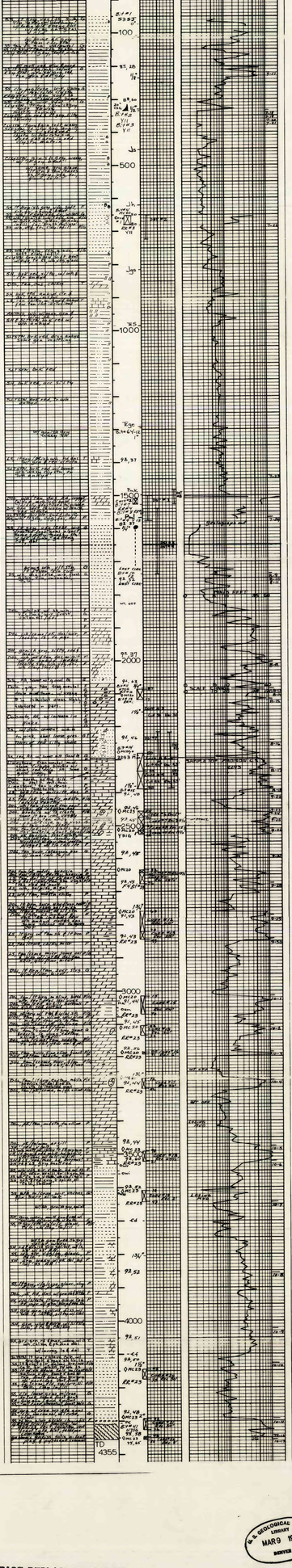
ACCESSORIES: ARGILLACEOUS, BENTONITE, FOSSIL FRAGMENT, ALGAL, PYRITE, CHERT, basement

POROSITY ESTIMATION

	SANDSTONE	CARBONATE
T - TRACE	0 - 5%	0 - 3%
P - POOR	5 - 10%	3 - 6%
F - FAIR	10 - 15%	6 - 10%
G - GOOD	> 15%	> 10%

OIL SHOWS: O - TRACE, W - FAIR, ● - GOOD EVEN STAIN, D - DEAD OIL

I - DST INTERVAL
X - CORED INTERVAL



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