ROCKY MOUNTAIN GEO-ENGINEERING CORP.

2450 Industrial Boulevard
Grand Junction, CO 81505 U.S.A.
(970) 243-3044

RECEIVED
SEP 0 3 1997
Div. of Minerals

LOG created using LPLOT Version 2.48, Mar 10 1997, Copyright (C) Rocky Mountain Geo-Engineering, 1994-1997

OPERATOR:	KRIAC ENERGY, INC.	SPUD DATE:	5/19/97
WELL:	HAMLIN VALLEY FEDERAL #18-1	TD DATE:	6/16/97
LOCATION:	SESE SECTION 18, T8N, R70E	DATES LOGGED:	5/29/97 - 6/16/97
COUNTY:	LINCOLN COUNTY	DEPTHS LOGGED:	516' (BSC) - 3948'
STATE:	NEVADA	MUDLOGGERS:	ED PERRY - KEVIN CAREY
SPOT:	1150' FSL AND 599' FEL	DRILLING FLUID:	LSND
ELEVATION:	KB 5719 GL5710	DRILLING RIG:	SIERRA DRILLING, RIG #2
FIELD:	WILDCAT		

LOG TYPE: MUD LOG

SCALE: 1:240 (5.0 INCH/100 FT)

REMARKS:

RECEIVED
MAR 2 0 1998
NBMG Information Office

LITHOLOGIES

SANDSTONE, SHALE, SHALY SANDSTONE, VOLCANICS, CARBONACEOUS SHALE, GRAY SHALE, SILTY SHALE, SILTSTONE, SHALY SILTSTONE, NO SAMPLE, UNABLE TO INTERPRET, DULL COAL, INTERMEDIATE COAL, NON COAL, CONGLOMERATE, DOLOMITE, ARGILLACEOUS DOLOMITE, CALCAREOUS DOLOMITE, CRYSTALLINE DOLOMITE, DOLOMITIC BOUNDSTONE, DOLOMITIC GRAINSTONE, DOLOMITIC MUDSTONE, DOLOMITIC PACKSTONE, DOLOMITIC WACKESTONE, GLACIAL TILL, GRANITE, GYPSUM, LIME BOUNDSTONE, LIME GRAINSTONE, LIME MUDSTONE, LIME PACKSTONE, LIME WACKESTONE, LIMESTONE, ARGILLACEOUS LIMESTONE, CRYSTALLINE LIMESTONE, DOLOMITIC LIMESTONE, MARL, DOLOMITIC MARL, METAMORPHIC, SALT, ANHYDRITE, BENTONITE, BRECCIA, BLACK SHALE, CHALK, COALY SHALE, COLORED SHALE, CHERT, DARK CHERT, CLAYSTONE, COLORED CLAYSTONE, TUFF, WELDED TUFF, COAL, BRIGHT COAL, GRAY CLAYSTONE, ALLUVIUM

MODIFIERS

ANHYDRITE STRINGERS, ALGAE LAMINATED, ALGAE NON-DESCRIPT, ALGAE OOTOID, ALGAE SKELETAL, AMPHIPORA, ANHYDRITIC, ARGILLACEOUS, ARGILLITE GRAIN, BELEMNITE, BENTONITE, BIOCLAST/FRAGMENTAL, BRACHIOPOD, BRECCIA, BRYOZOA, CALCAREOUS, CARBONACEOUS FLAKES, CEMENTING BITUMENOUS, CEPHALOPOD, CHERT DARK, CHERT LIGHT, CHERT TRIPOLITIC, COAL, CORAL, CRINOID, CRYSTALS, DOLOMITE STRINGERS, DOLOMITIC, ECHINOID, FELDSPAR, FERRUGINOUS, FERRUGINOUS GRAINS, FERRUGINOUS STRINGERS, FISH REMAINS, FORAMINIFERA, FOSSILS, FRACTURES, GASTROPOD, GLAUCONITE, GYPSIFEROUS, GYPSUM STRINGERS, HEAVY/DARK MINERALS, INTRACLASTS, KAOLIN, LIMESTONE STRINGERS, LIMONITE, MARLSTONE CALCAREOUS, MARLSTONE DOLOMITIC, MICACEOUS, NODULES, OOLITES, OSTRACOD, PEBBLES, PELECYPOD, PELLETS, PHOSPHATE PELLETS, PISOLITE, PLANT REMAINS, PYRITE, SALT CAST/INFILL, SAND GRAINS, SANDSTONE STRINGERS, SANDY, SCAPHOPOD, SHALE LAMINAE, SILICEOUS, SILTSTONE STRINGERS, SILTY, SLICKENSLIDE, SPORES, STROMATOPOROID, STYLOLITE, TUFFACEOUS

POROSITY/SORTING/ROUNDNESS SYMBOLS

X INTERCRYSTALLINE INTERGRANULAR, V VUGGY, F FRACTURE, INTEROOLITIC, P PINPOINT, ORGANIC, O MOLDIC, EARTHY, FENESTRAL, A ANGULAR, SUBANGULAR, R ROUNDED, SUBROUNDED, W WELL, M MEDIUM, P POOR

ENGINEERING SYMBOLS

BIT CHANGE, LOST CIRCULATION, CASING, CASING, SIDEWALL CORE, SIDEWALL CORE, WIRELINE TEST, WIRELINE TEST, GAS TO SURFACE, OIL TO SURFACE, WATER TO SURFACE, EVEN STAINING, SPOTTED STAINING, DEAD OIL, QUESTIONABLE, OIL SHOW, GAS SHOW, OIL AND GAS SHOW, CONNECTION GAS, TRIP GAS, MIDNIGHT DEPTH, MIDNIGHT DEPTH, CONNECTION, OFF BOTTOM, NORMAL FAULT, REVERSE FAULT, OVERTURNED STRATA