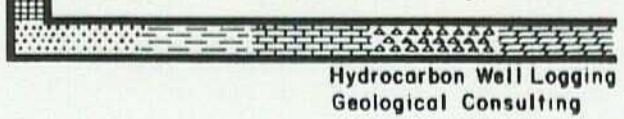


SUTTLES LOGGING, INC.



P.O. BOX 10725
MIDLAND, TEXAS 79702
(915) 687-3148

COMPANY **ENRON OIL & GAS COMPANY**
WELL **HALLWOOD NO.1 FEDERAL COM. NO.1**
FIELD **PITCHFORK RANCH**
LOCATION **660' FNL & 1,980' FWL, SECTION 1-25S-33E**
COUNTY **LEA** STATE **NEW MEXICO**
ELEVATION GL **3,464.70'** KB **3,492.90'**
DEPTH LOGGED FROM **4,500'** TO **5125'** FT
DATE LOGGED **08/19/92** TO **08/19/92**
LOGGERS **M. WEST**
DRILLING FLUID **BRINE/GEL** **4500'** TO **5125'** FT

GRACE RIG NO. 56

SLI-408

ABBREVIATIONS

- | | |
|------------------------------|---------------------------|
| WOB - WEIGHT on BIT | DS - DIRECTIONAL SURVEY |
| BPM - STROKES per MINUTE | DC - DEPTH CORRECTION |
| PP - PUMP PRESSURE | CG - CONN GAS |
| RPM - REVOLUTIONS per MINUTE | WOR - WORK on RIG |
| NB - NEW BIT | WT - WEIGHT |
| NCB - NEW CORE BIT | V - VISCOSITY API SECONDS |
| DST - DRILL STEM TEST | F - FILTRATE API CC's |
| CO - CIRCULATED OUT | CK - CAKE THICKNESS 32nds |
| NR - NO RETURNS | PH - ALKALINITY |
| LAT - LOGGED AFTER TRIP | CI - SALINITY, PPM CI |
| TG - TRIP GAS | Sol. - SOLIDS |
| RS - REPORTED SHOW | |

LITHOLOGY

SALT		SAND		DOLOMITE	
ANHYDRITE or GYPSUM		CONG.		COAL	
SHALE		LIMESTONE		GRANITE	
SILTSTONE		CHERT			

