



01070707

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GREAT GUNS

DUAL INDUCTION RECEIVED

JAN 29 1990

COMPANY: MARTIN EXPLORATION  
 WELL: RICHARDSON #2-3  
 FIELD: WATTENBERG  
 COUNTRY: WELD

STATE: COLORADO  
 COUNTRY: U.S.A.

LOCATION: SE-NU-SE  
 1650.FSL & 1650.FEL  
 SEC: 3 TWP: 2N  
 RGE: 67U

DATE: 11/9/89  
 RUN NO.: 1

PERMANENT DATUM: GL  
 DRILLING MEASURED FROM: KB  
 LOG MEASURED FROM: KB  
 ABOVE PERMANENT DATUM: 11.0

DEPTH--DRILLER: 8095.0  
 DEPTH--LOGGER: 8040.0  
 BOTTOM LOG INTERVAL: 8040.0  
 TOP LOG INTERVAL: 527.0

CASING DEPTH--DRILLER: 518.0  
 CASING DEPTH--LOGGER: 527.0  
 CASING DIAMETER: 8.625  
 BIT SIZE: 7.875

UNIT NO.: 38  
 LOCATION: BRIGHTON

RECORDED BY: SCHOENROEGE  
 WITNESSED BY: MS. LISA GUSEK

ELEVATIONS:  
 KB: 4921.0  
 DF: 4921.0  
 GL: 4910.0

SERVICES:  
 4-8709  
 DENS  
 DINX

SOFTWARE VERSION:  
 412

THE CUSTOMER IS HEREBY WARNED THAT BY PROVIDING THE LOG DATA HEREIN, GREAT GUNS DOES NOT AGREE TO PROVIDE ANY INTERPRETATION OF LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS. GREAT GUNS DOES NOT GUARANTEE OR WARRANT, EITHER EXPRESSLY OR IMPLIEDLY, THE ACCURACY OF ANY INTERPRETATION OF LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY GREAT GUNS PERSONNEL. ANY INTERPRETATION, CONVERSION OR RECOMMENDATION IS NOT PART OF THE CONSIDERATION FOR THE AGREEMENT BETWEEN THE PARTIES AND IS NOT PART OF ANY PART OF THE CHANGE BY GREAT GUNS FOR ITS SERVICES. ANY USER OF THE LOG DATA IS WARNED THAT SAID USER IS NOT ENTITLED TO RELY ON INTERPRETATIONS, CONVERSIONS OR RECOMMENDATIONS AS AFORESAID.

DEPTH TO FLUID: .0  
 TYPE FLUID IN HOLE: CHEM-GEL  
 DENSITY, LB/G: 9.3  
 VISCOSITY, CP: 39  
 PH: 9.0  
 FLUID LOSS, CC: 9.4  
 SALINITY, PPM: 300

SOURCE OF SAMPLE: MEAS.

RM:	3.500	OHM-M AT	70	DEG. F
RMF:	2.600	OHM-M AT	70	DEG. F
RMC:	3.900	OHM-M AT	70	DEG. F
SOURCE RMF AND RMC: MEAS.				
RM AT BHT:	1.300	OHM-M AT	204	DEG. F
RMF AT BHT:	1.000	OHM-M AT	204	DEG. F
RMC AT BHT:	1.400	OHM-M AT	204	DEG. F

MAX. RECORDED TEMP.: 204 DEG. F  
 TIME SINCE LAST CIR., HRS.: 4.5  
 OPERATING RIG TIME, HRS.: 3.5

SOURCE SERIAL NUMBERS:  
 C8V-C1  
 SOURCE STRENGTH, CURIES:  
 2.660

SOURCE SERIAL NUMBERS:  
 858514 200010  
 870026-4

COMMENTS

BOREHOLE VOLUME: X=10 CUBIC FEET XX=100 CUBIC FEET  
 \*\*\* THANK YOU FOR USING GREAT GUNS INC. (303) 654-0700 \*\*\*





