



ATLAS WIRELINES SERVICES

DUAL INDUCTION FOCUSED LOG

GAMMA RAY



FILE NO. 7184
 COMPANY ELK EXPLORATION, INC.
 WELL BRUTSCHY 4-24

FIELD MATTENBERG
 COUNTY WELD
 STATE COLORADO

LOCATION: 806 FNL & 764 FNL
 SEC 24 TWP 3N RGE 65M
 OTHER SERVICES
 CDL/CN/GR

PERMANENT DATUM GROUND LEVEL ELEVATION 4846 FT.
 LOG MEASURED FROM N.B. 18 FT. ABOVE PERMANENT DATUM
 WELL HEADS FROM KELLY BUSHINGS
 ELEVATIONS
 K9 4855'
 D1 4855'
 G1 4846'

DATE	28 JUNE 1992
RUN	ONE
SERVICE ORDER	91473
DEPTH DRILLER	7278
DEPTH LOGGER	7276
SECTION LOGGED INTERVAL	7273'
TOP LOGGED INTERVAL	586'
CASING - DRILLER	8 5/8" 586'
CASING LOGGER	586'
BIT SIZE	7 7/8"
TYPE FLUID IN HOLE	CHEM / GEL
DENSITY / VISCOSITY	8.9 483
PA / FLUID LOSS	8.8 1178
SOURCE OF SAMPLE	FLOWLINE
Q1 AT HEADS. TEMP.	4.80 0118 F
Q2 AT HEADS. TEMP.	3.10 0115 F
Q3 AT HEADS. TEMP.	4.60 0118 F
SOURCE OF RNF / RHC	HEADS / CALC.
Q4 AT BAT	2.40 0194 F
TIME SINCE CIRCULATION	5 HOURS
MAX. REC. TEMP. DEG. F.	194 F.
EQUIP. NO. / LOCATION	HL 6481 FT MORGAN
RECORDED BY	R. MAYER
WITNESSED BY	DON D'INNOCENZO

FINAL PRINT

RECEIVED
 081 2 2 1992
 COLD OIL LOGGING

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BEST FIT OF THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

REMARKS

VOLUME COMPUTED FOR 4.5" CASING CALIPER VERIFIED IN CASING

RIG: EXETER 14
 CREW: M HALEY / R MUGGRAVE

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	GR	46786	1309XA	FREE
1	1	CAL	32843	4260XA	3 - ARM
1	1	DIFL	52723	1503XA	STANDOFF

