Schlumberger

2" SONIC

COMPANY: OREGON NATURAL GAS DEV'L. CORP.
WELL: WERNER 34-21
FIELD: ST. LOUIS
COUNTY: MARION
STATE: OREGON
LOCATION: 389.57' NORTH & 1585.5' WE
SEC: 21 TWP: 5S RGE: 2W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 181.0 F
LOG MEASURED FROM: KB
2.5 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

DATE: 25 NOV 84
RUN NO: 1

DEPTH-DRILLER: 2808.0 F
DEPTH-LOGGER: 2806.0 F
BTM. LOG INTERVAL: 2770.0 F
TOP LOG INTERVAL: 1604.0 F

CASING-DRILLER: 1603 F
CASING-LOGGER: 1604 F
CASING: 8 5/8"
BIT SIZE: 7 7/8"
DEPTH: 2808 F

ELEVATIONS-
KB: 193.5 F
DF:
GL: 181.0 F

OTHER SERVICES-
DIC/CNL/GR
HDT
CST
DIL

PROGRAM
TAPE NO:
SERVICE
ORDER NO:
432177

RECEIVED - FILD
JAN 21 1985
OFFICE OF GEOLOGY
AND MINERAL RESOURCES

TYPE FLUID IN HOLE: GEL/LIGNO.
DENSITY: 9.3 LB/G
VISCOSITY: 46.0 S
PH: 9.0
FLUID LOSS: 6.6 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 3.660 OHMM AT 53.0 DEGF
RMF: 3.680 OHMM AT 45.0 DEGF
RMC: 2.790 OHMM AT 47.0 DEGF
SOURCE RMF/RMC: MEAS/MEAS
RM AT BHT: 1.517 OHMM AT 95.0 DEGF
RMF AT BHT: 1.876 OHMM AT 95.0 DEGF
RMC AT BHT: 1.477 OHMM AT 95.0 DEGF

TIME CIRC. STOPPED: 12:00 11-24
TIME LOGGER ON BTM.: 16:31 11-24

MAX. REC. TEMP: 95.0 DEGF

LOGGING UNIT NO: 8178
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: SUTER
WITNESSED BY: MEYER

REMARKS:

SALINITY: 350 PPM CL-
CENTRALIZATION: CMEZ AND RUBBER FINS

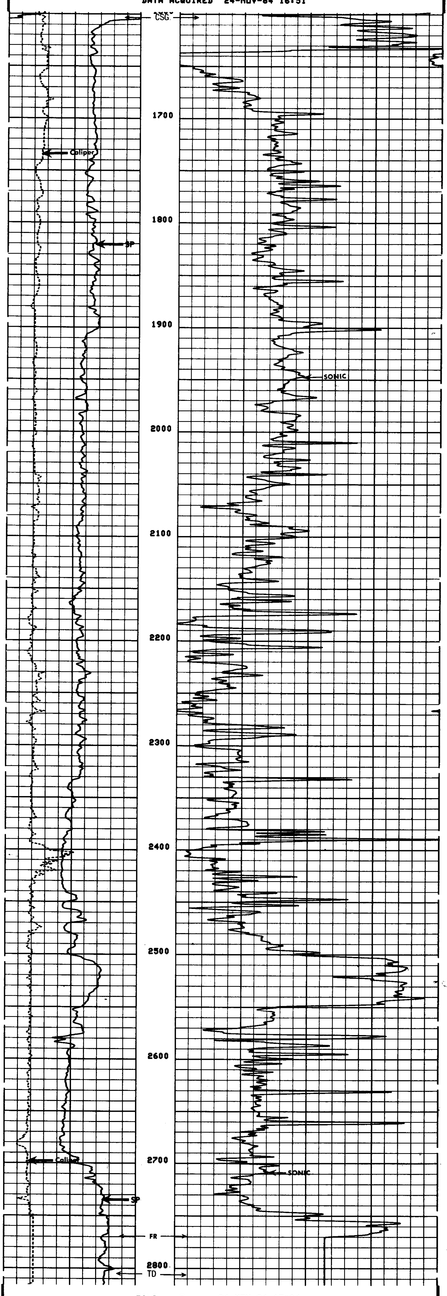
EQUIPMENT NUMBERS-

DIS 1422	DIC 1149	MCD 1507	SLS 346
SLC 1321	IEM 686	SLM 1281	SOM 1033

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

CALI(IN) 6.0000 16.000
SP (MV) -100.0 0.0
DT (US/F) 150.00 50.000

FILE 5 24-NOV-84 17:06
DATA ACQUIRED 24-NOV-84 16:51



FILE 5 24-NOV-84 17:04
DATA ACQUIRED 24-NOV-84 16:31

CALI(IN) 6.0000 16.000
SP (MV) -100.0 0.0
DT (US/F) 150.00 50.000

SENSOR MEASURE POINT TO TOOL ZERO

CBL	37.0	FEET	AMPL	37.0	FEET
TT3	33.3	FEET	TT4	32.3	FEET
TT1	36.0	FEET	TT2	37.0	FEET
CALI	56.1	FEET	SRAT	34.5	FEET
SFL	6.4	FEET	ILD	9.4	FEET
SP	2.5	FEET	ILM	5.7	FEET
TENS	2.5	FEET	SPAR	2.5	FEET
MOIS	28.8	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	55.6000	US/F
SBR	1.00000	OHMM	DSEC	3.80000	MMHO
FPHI	SPHI		MSEC	5.40000	MMHO
FNUM	1.00000		FEXP	2.00000	
B9	7.87500	IN	BHS	OPEN	
PP	NORM		DO	0.0	F

TAPE NOT MADE