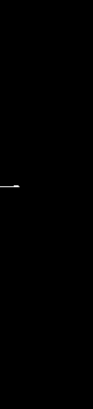


5-10-84

3" SONIC



COMPANY: OREGON NATURAL GAS DEVELOPMENT CORP.

WELL: HERNER 34-21

FIELD: ST. LOUIS

COUNTY: MARION

STATE: OREGON

LOCATION: 389.52' NORTH & 1585.57' WE

SEC: 21 T1P: 55

SECTION: 21

PERMANENT DATUM: GL

ELEV. OF PERM. DATUM: 181.0 F

ELEVATIONS: DBI: 193.5 F

LOG MEASURED FROM: KB

DBI: 181.0 F

DATE: 25 NOV 84

RUN NO: 1

DEPTH-DRILLER: 2808.0 F

DEPTH-LOGGERS: 2808.0 F

BM. LOG INTERVAL: 2270.0 F

TOP LOG INTERVAL: 1604.0 F

CASING-DRILLER: 1603 F

CASING-LOGGERS: 8 5/8"

BIT SIZE: 7 7/8"

DEPTH: 2808 F

OTHER SERVICES: FDC/CNL/GR

HBT

CST

DIL

PROGRAM: 26.2

TAPE NO: 45E177

SERVICE

DATE

TIME

LOG

MEASUREMENTS

REMARKS

TYPE FLUID IN HOLE: GEL/LIGHT

DENSITY: 9.3 LB/G

VISCOSITY: 46.0 S

PH: 9.0

FLUID LOSS: 4.6 C3

SOURCE OF SAMPLE: FLOODLINE

RM: 3.260 DHMM AT 53.0 DEG

RMF: 3.680 DHMM AT 45.0 DEG

RMC: 2.790 DHMM AT 47.0 DEG

SOURCE RMF/RMC: MEAS/MEAS

RM AT BHT: 1.517 DHMM AT 95.0 DEG

RMF AT BHT: 1.876 DHMM AT 95.0 DEG

RMC AT BHT: 1.477 DHMM AT 95.0 DEG

TIME CIRC. STOPPED: 12:00 11-24

TIME LOGGER ON BTM.: 16:31 11-24

MAX. REC. TEMP: 95.0 DEGF

LOGGING UNIT LDC: 8176

RECORDED BY: CUYER

WITNESSED BY: MEYER

REMARKS:

SALINITY: 350 PPM CL-

CENTRALIZATION: CMEZ AND RUBBER PINS

EQUIPMENT NUMBERS-

DIS 1422 DIC 1149 MCD 1507 SLS 346

SLC 1321 IEM 686 SLM 1281 SOM 1033

ALL INTERPRETATIONS ARE DEFINED BASED ON INFERENCE 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.

FILE 5 24-NOV-84 17:02

DATA ACQUIRED 24-NOV-84 16:51

1600 CSG

1700

1800

1900

2000

2100

2200

2300

2400

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2600

2700

2800

2900

3000

3100

3200

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