



ATLAS SERVICES

DIPLOG®

FILE NO. _____
 COMPANY: **WESTVALE NATURAL GAS**
 WELL: **IM 323-10**
 FIELD: **M151**
 COUNTY: **COLUMBIA** STATE OR: _____

LOCATION: **300 E. N. 1/4, S. 1/4, M. 36, T. 12N, R. 10E**
 SEC. 10 T. 12N R. 10E
 RCFES: _____
 ELEVATION: _____

PERMITS: _____
 DRILLING MEASURED FROM: **11.4** FT. ABOVE P.O. OF _____
 DATE: **12-28-90**
 SERVICE: **GRAB**
 SERIAL: **5241**
 SERIAL: **2241**
 SERIAL: **2151**
 TOP LOGGED INTERVAL: **2148'**
 BOTTOM LOGGED INTERVAL: _____
 CASING - DRILLER: **8.50"** @ **2108'**
 CASING - LOGGER: **7.75"**

TYPE FLUID IN HOLE: **CEL**
 DENSITY / VISCOSITY: **9.6**
 PH / FLUID LOSS: **8.7**
 SOURCE OF SAMPLE: **5-2**
 RT HRS. TEMP.: **8.55 DEG. F**
 RT HRS. TEMP.: **1.95**
 RT HRS. TEMP.: **1.35**
 SOURCE OF RW / RW: **M**
 RT HRS. TEMP.: **8.55 DEG. F**
 RT HRS. TEMP.: **1.95**
 RT HRS. TEMP.: **1.35**
 TIME SINCE CIRCULATION: **8 HRS**
 RW REC. TEMP. DEG. F: **106 DEG. F**
 CALIP. NO. / LOC.: **6399 BRK**

RECORDED BY: **M. HINDS**
 WITNESSED BY: **MR. ROY/HINDS**

OTHER SERVICES: _____
 DIF./BHC-PC/CR: _____
 COL./CIV/CR: _____

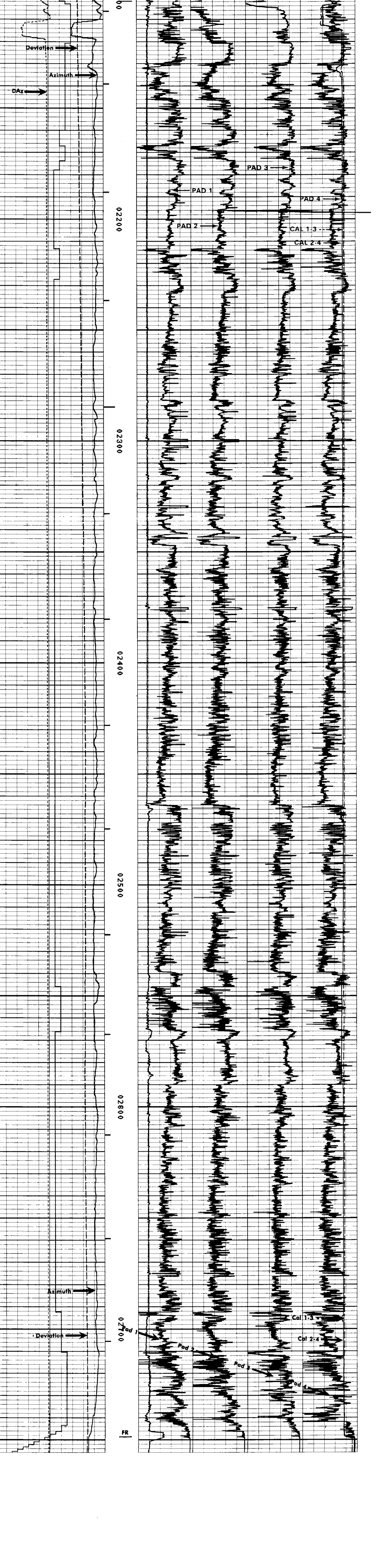
IN MAKING INTERPRETATIONS OF LOGS, OUR EMPLOYEES WILL EXERCISE THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCE FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE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

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REMARKS: **RUN (2)**
VOL COMPUTED FOR 5.5" CASING.
DAZ...0 to 360 deg
AZIMUTH...0 to 360 deg
DEVIATION...0 to 18 deg
CAL 1-3...26" to 6"
CAL 2-4

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
2	2	COL	7417B	2227XA	DE-CENT
2	2	CAL	7417B	2227XA	1/ARM
2	2	CR	52364	2435XA	DE-CENT
2	2	GN	60484	1309XA	DE-CENT
2	2	TEMP	73003	3506XA	DE-CENT
2	2	PCM	52430/78387	1010/1016	CENT
2	2	DIP			

OREGON NATURAL GAS DEVELOPMENT CORP.
 IM 323-10
 SEP 11 09 0000 FILE 5



OREGON NATURAL GAS DEVELOPMENT CORP.
 IM 323-10
 SEP 11 09 0000 FILE 4

