ATLAS WIRELINE SERVICES

DIPLOG®

FILE NO.

API NO.

5" 100'

COMPANY	OREGON NATURAL GAS CORP.
WELL	IW 33D-3
FIELD	MIST
COUNTY	COLUMBIA STATE OREGON

LOCATION:
1013' S & 1653' W OF
THE E 1/4 CORNER OF

SEC 3 TWP 6N RGE 5W

OTHER SERVICES
DIFL/BHC
CDLC/CN/GR
PRODIP

PERMANENT DATUM GL ELEV. 1078.3
LOGGING MEASURED FROM KB 11.4' FT. ABOVE P.D.
DRILLING MEASURED FROM KB

ELEVATIONS
KB 1089.7'
DF
GL 1078.3'

DATE	6/2/88				
RUN	1				
SERVICE ORDER	158835				
DEPTH-DRILLER	2773'				
DEPTH-LOGGER	2764'				
BOTTOM LOGGED INTERVAL	2762'				
TOP LOGGED INTERVAL	566'				
CASING - DRILLER	13 3/8"	@ 568'	@	@	@
CASING - LOGGER	566'				
BIT SIZE	12 1/4"				
TYPE FLUID IN HOLE	GEL/DRISPAC				
DENSITY / VISCOSITY	9.8	41			
PH / FLUID LOSS	8.5	5.2			
SOURCE OF SAMPLE	FLOWLINE				
RM AT MEAS. TEMP.	2.25	@ 62 F	@	@	@
RMF AT MEAS. TEMP.	1.06	@ 62 F	@	@	@
RMC AT MEAS. TEMP.	3.15	@ 62 F	@	@	@
SOURCE OF RMF / RMC	MEAS	MEAS			
RM AT BHT	1.33	@ 105 F	@	@	@
TIME SINCE CIRCULATION	2.5 HRS				
MAX. REC. TEMP. DEG. F	105 F				
EQUIP. NO. / LOC.	HL 6406	SAC			
RECORDED BY	B. WELCH				
WITNESSED BY	MR. THOMAS				

FOLD HERE

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASURMENTS, 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.

Western Atlas International
A Litton/Dresser Company

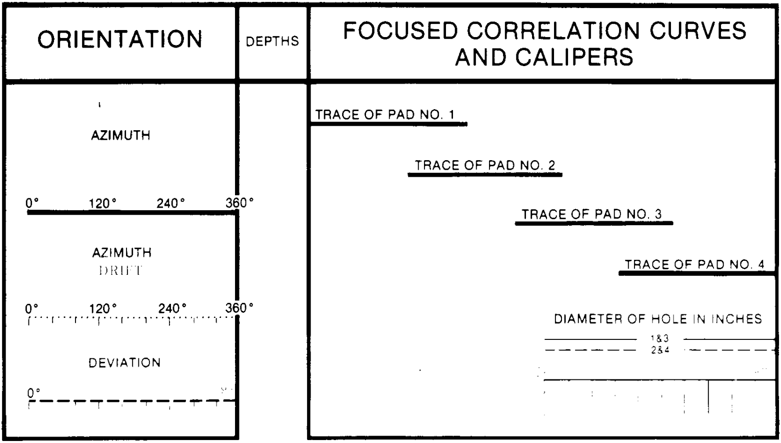
ATLAS WIRELINE SERVICES

REMARKS RUN (1)

BHV COMPUTED FOR TOTAL HOLE VOLUME

EQUIPMENT DATA

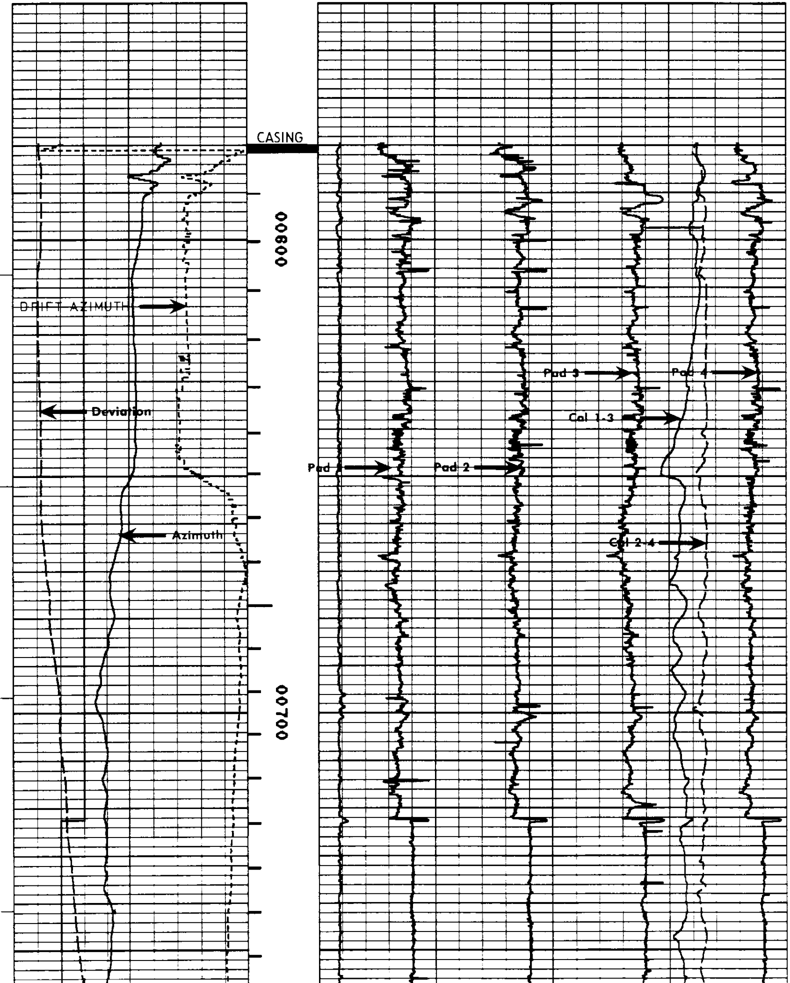
RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL			
1	1	AC			
1	1	GR			
1	1	CAL			
1	1	DIP	8313	[illegible]	CENT

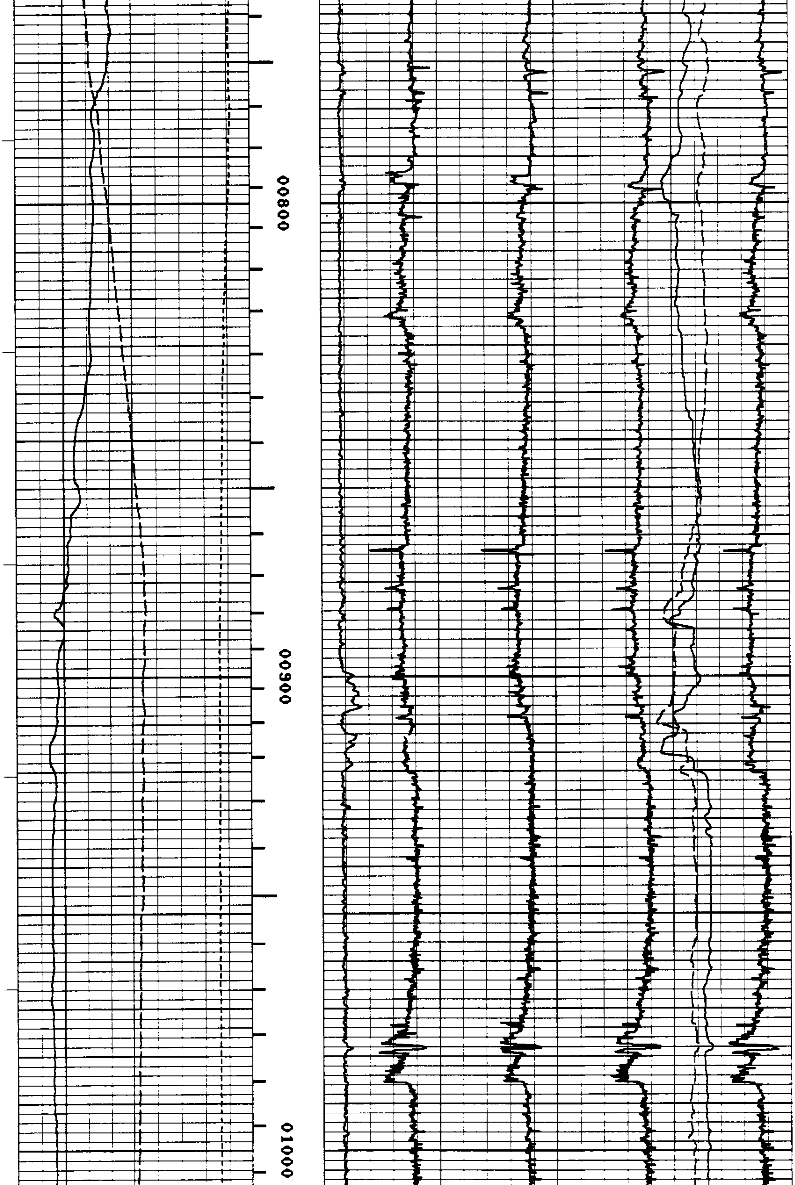


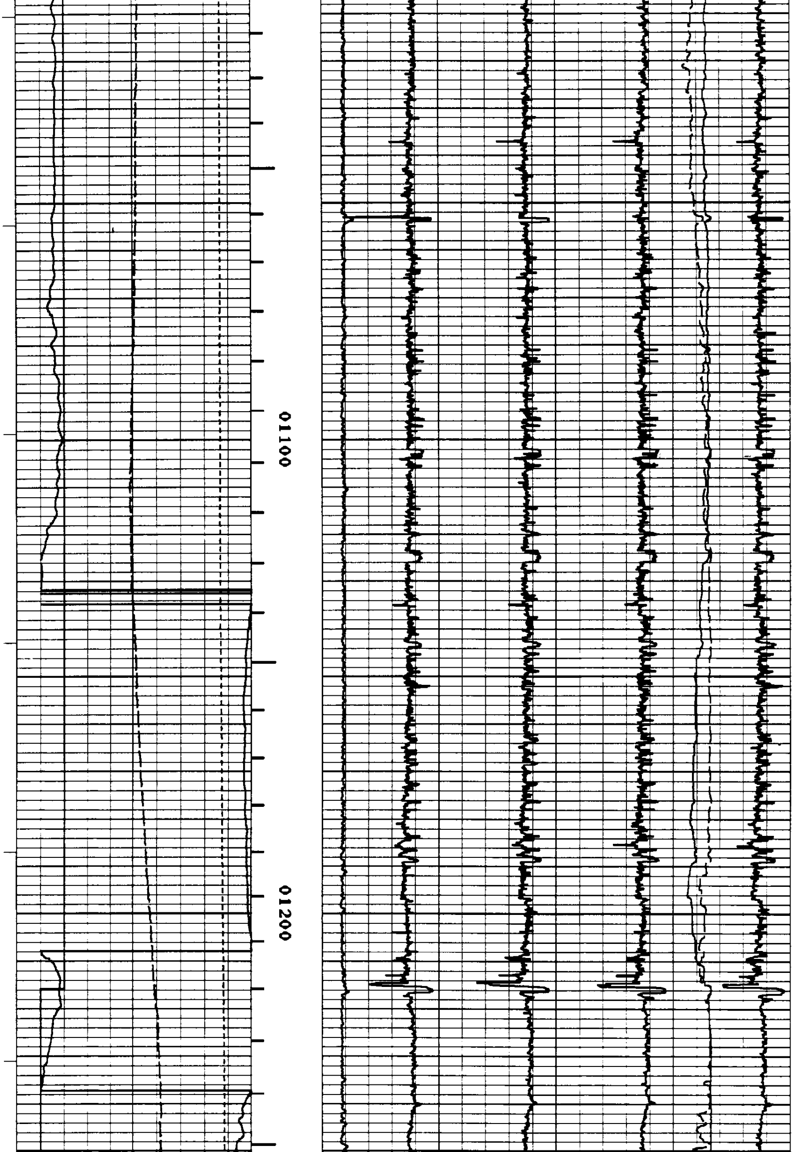
OREGON NATURAL GAS CORP.

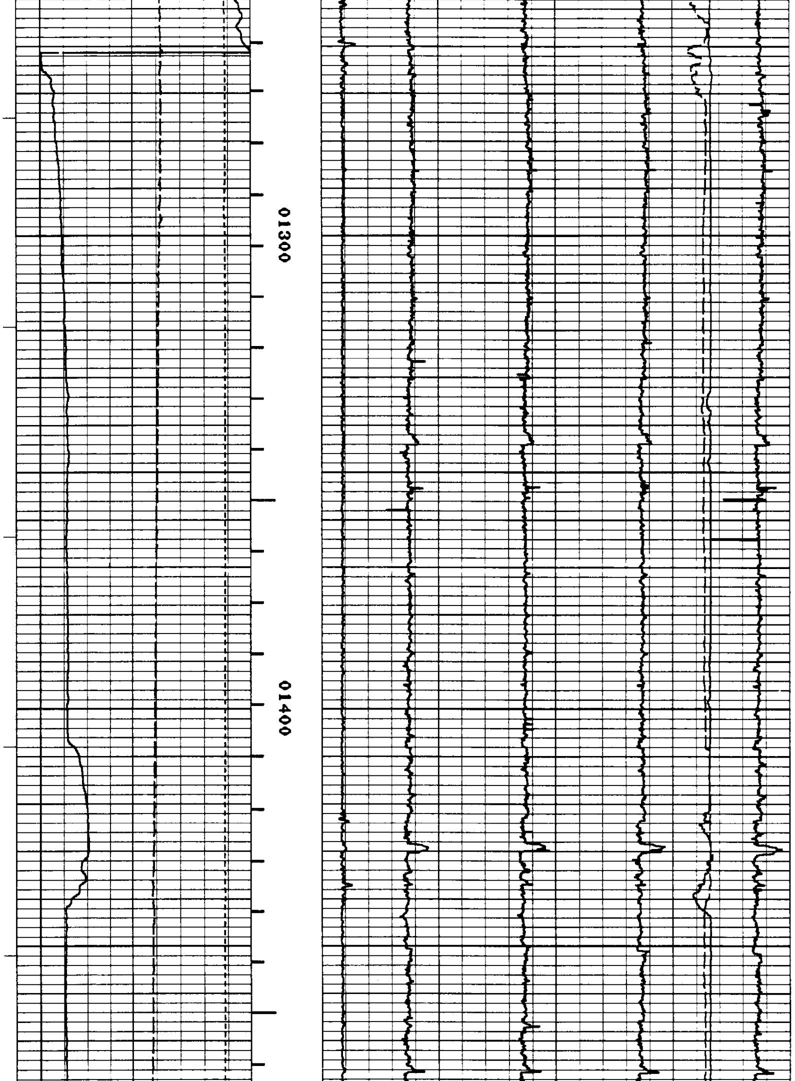
IW 33D-3

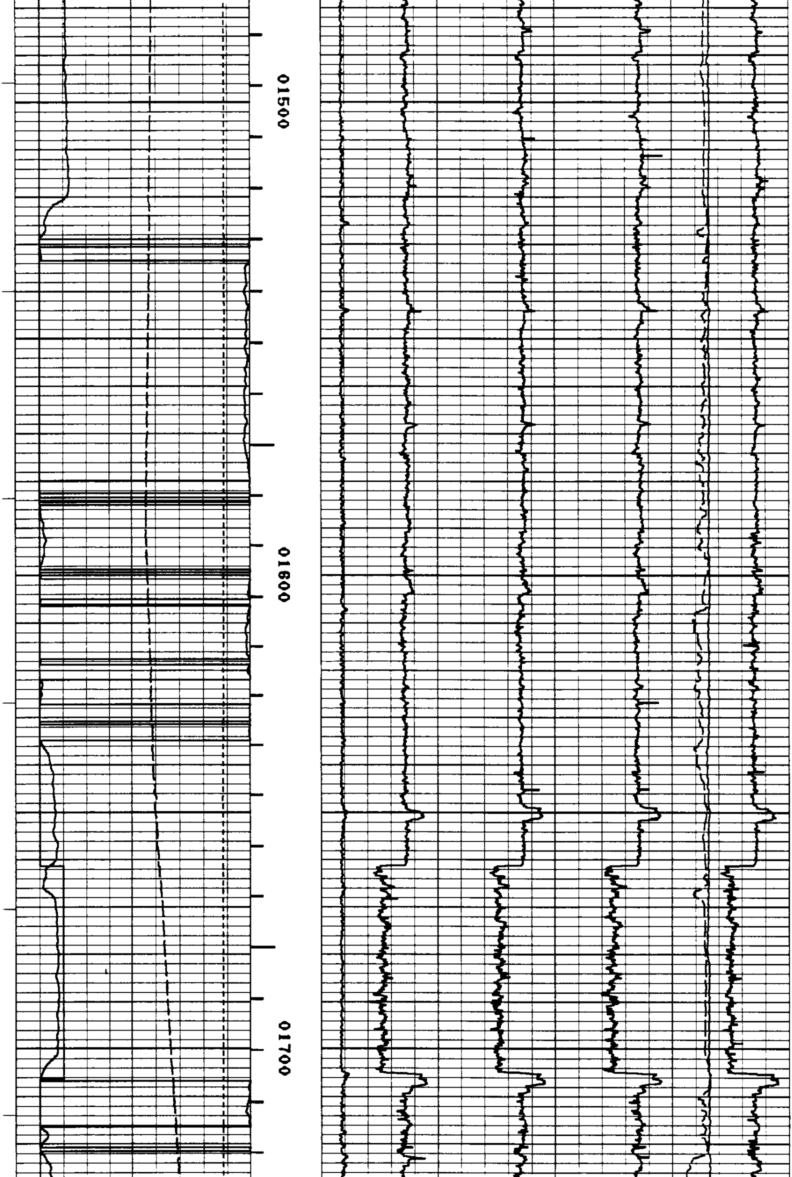
SERVICE DL3508 FILE 4

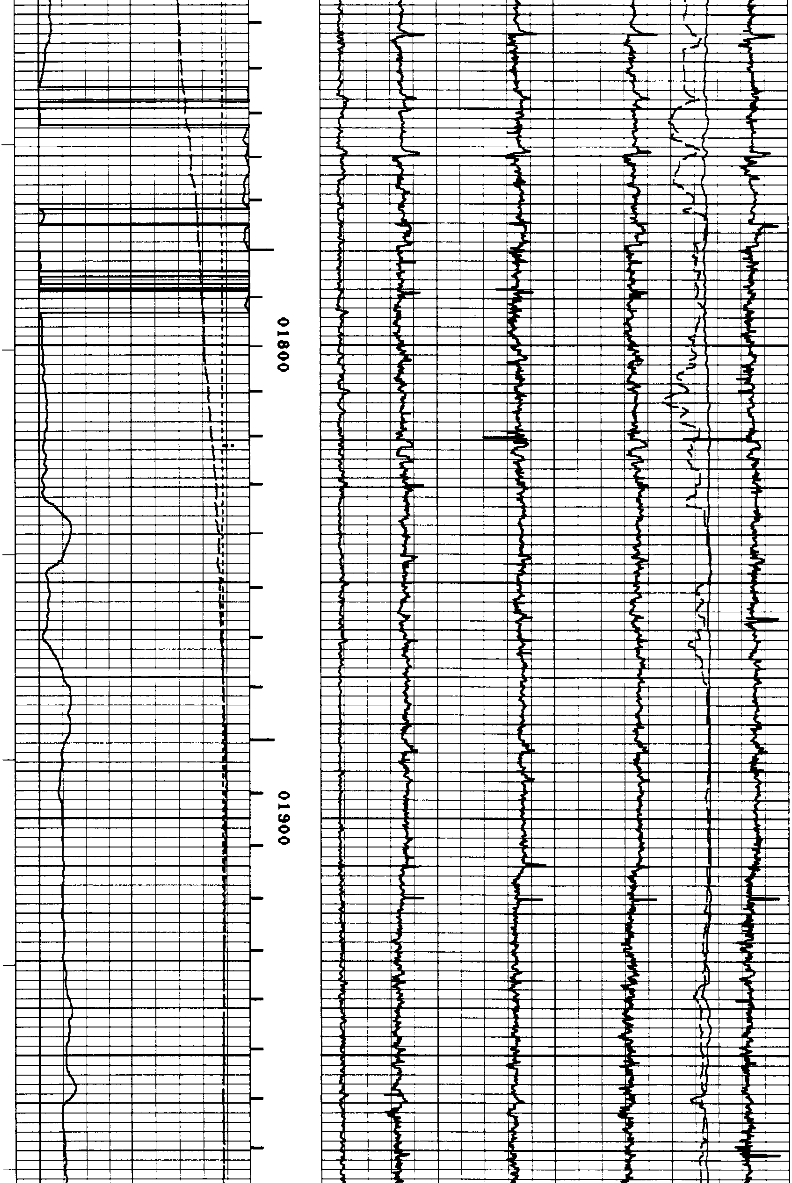


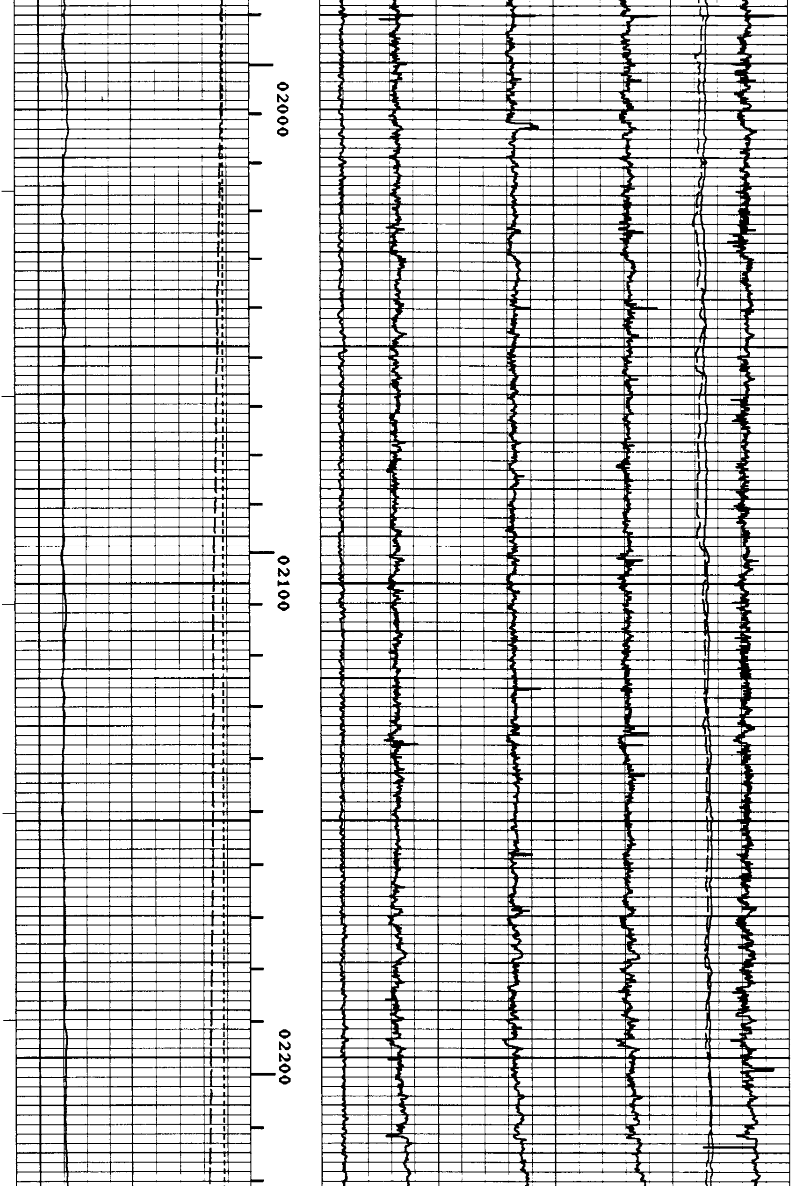


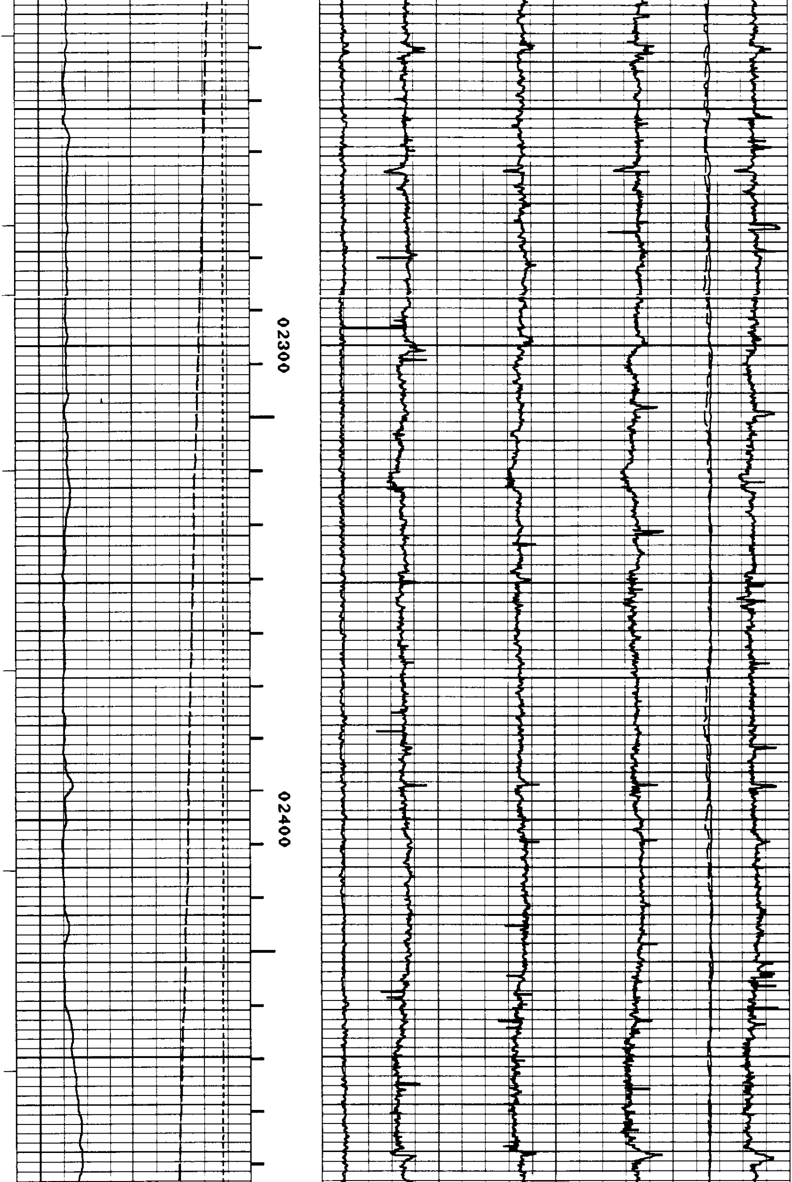


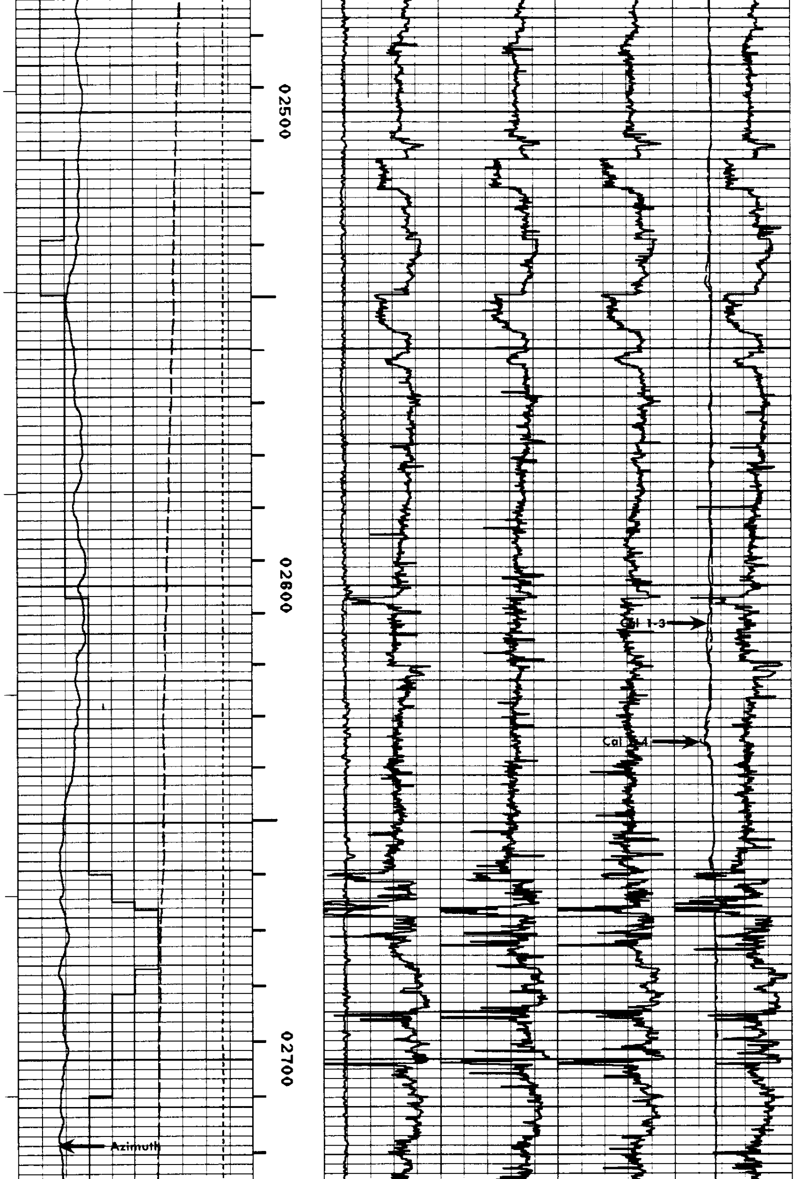


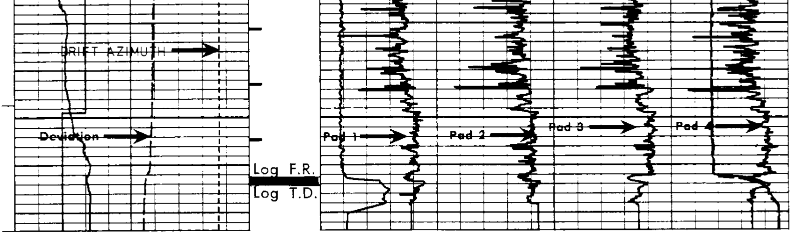












0° 9°

DEVIATION

0° 120° 240° 360°

AZIMUTH
DRIFT

0° 120° 240° 360°

AZIMUTH

26" 6"

2&4
1&3

DIAMETER OF HOLE IN INCHES

TRACE OF PAD NO. 1

TRACE OF PAD NO. 2

TRACE OF PAD NO. 3

TRACE OF PAD NO. 4

ORIENTATION

DEPTHS

FOCUSED CORRELATION CURVES AND CALIPERS

FORM 925227A Rev. (09/81)

OREGON NATURAL GAS CORP.

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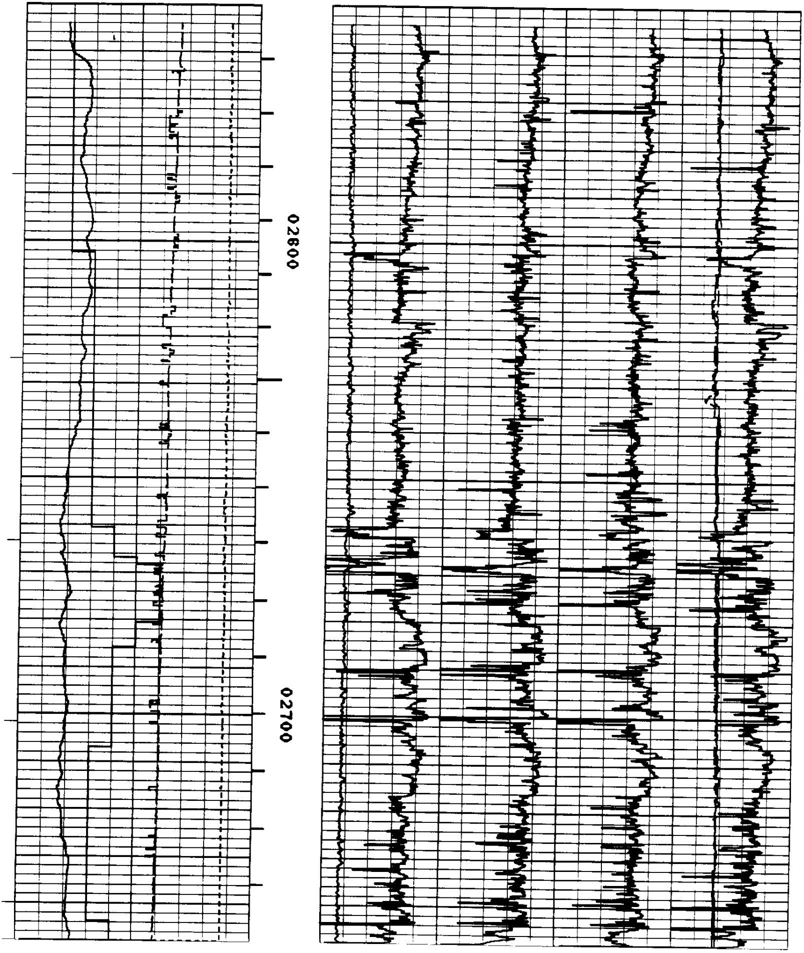
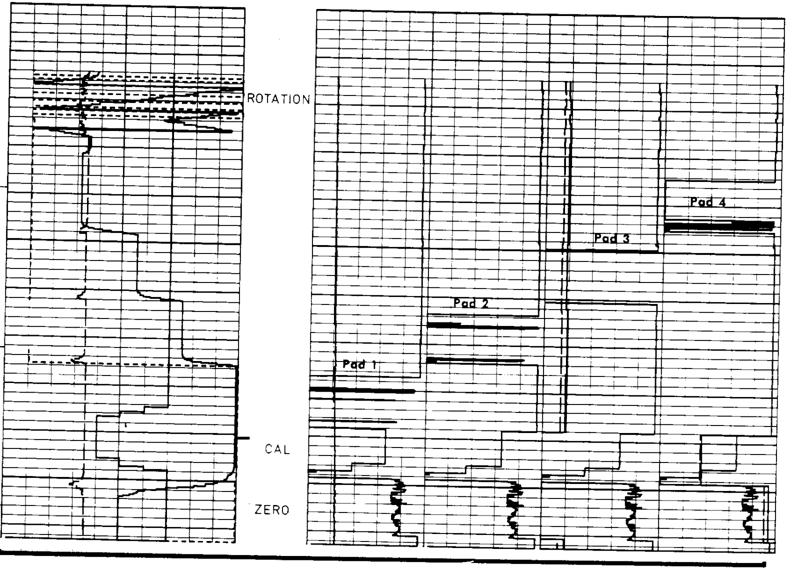
SERVICE DL3508 FILE 3

REPEAT SECTION