Western Atlas International

ATLAS WIRELINE SERVICES

DUAL INDUCTION FOCUSED LOG
BHC ACOUSTILOG®
GAMMA RAY

FILE NO.

API NO.
36-067-0004

COMPANY OREGON NATURAL GAS DEVELOPMENT CORP.
WELL VAN DYKE 32-26
FIELD GASTON PROSPECT
COUNTY WASHINGTON STATE OR.

LOCATION:
2239' W & 2186' S FROM NE COR.

SEC 26 TWP 1S RGE 4W

OTHER SERVICES
BHC-AC/GR/CAL
DIPLOG

PERMANENT DATUM GL ELEV. 176.66
LOGGING MEASURED FROM KB 11.4 FT. ABOVE P.D.
DRILLING MEASURED FROM KB

ELEVATIONS
KB 188.06'
DF -
GL 176.66'

DATE	01-21-91				
RUN	1				
SERVICE ORDER	65514				
DEPTH-DRILLER	3229'				
DEPTH-LOGGER	3228'				
BOTTOM LOGGED INTERVAL	3226'				
TOP LOGGED INTERVAL	443'				
CASING - DRILLER	8 5/8"	@ 443'	@	@	@
CASING - LOGGER	443'				
BIT SIZE	7 7/8"				
TYPE FLUID IN HOLE	GEL/POLYMER				
DENSITY / VISCOSITY	9.1	47			
PH / FLUID LOSS	8.5	6.0			
SOURCE OF SAMPLE	FLOWLINE				
RM AT MEAS. TEMP.	6.50	@ 50 DEG. F	@	@	@
RMF AT MEAS. TEMP.	4.80	@ 50 DEG. F	@	@	@
RMC AT MEAS. TEMP.	8.05	@ 50 DEG. F	@	@	@
SOURCE OF RMF / RMC	M	M			
RM AT BHT	3.35	@ 97 DEG. F	@	@	@
TIME SINCE CIRCULATION	4 HRS				
MAX. REC. TEMP. DEG. F	97 DEG. F				
EQUIP. NO. / LOC.	6399	BAK..			
RECORDED BY	M. HINDS				
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 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 RUN (1)

-

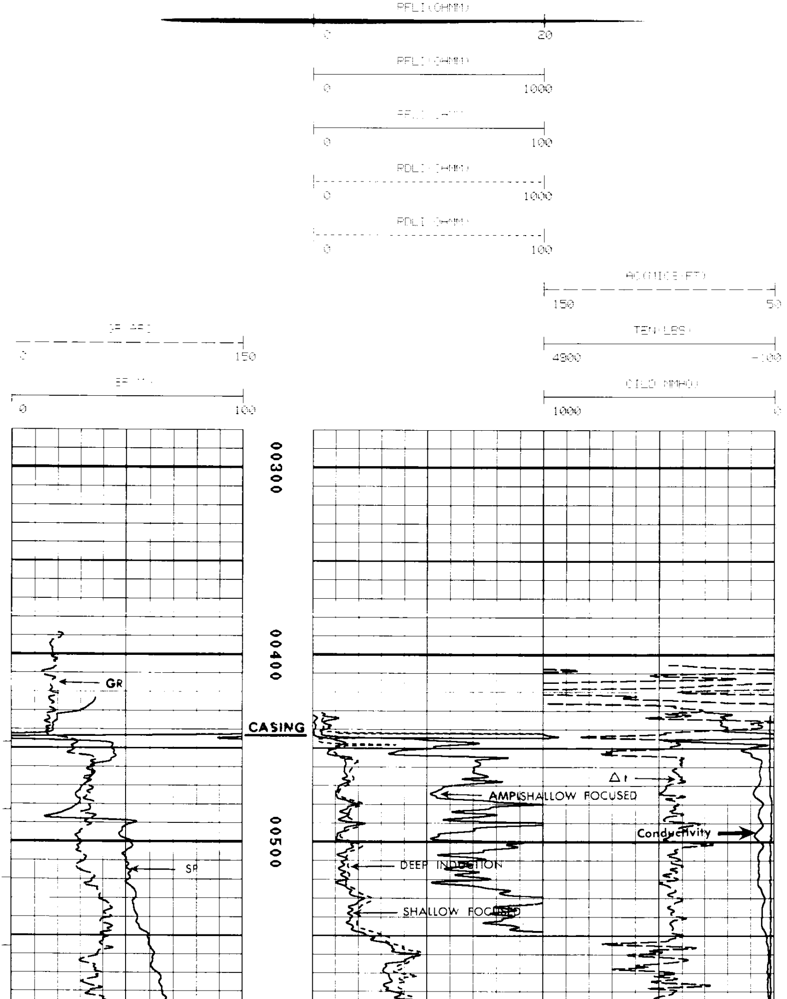
EQUIPMENT DATA

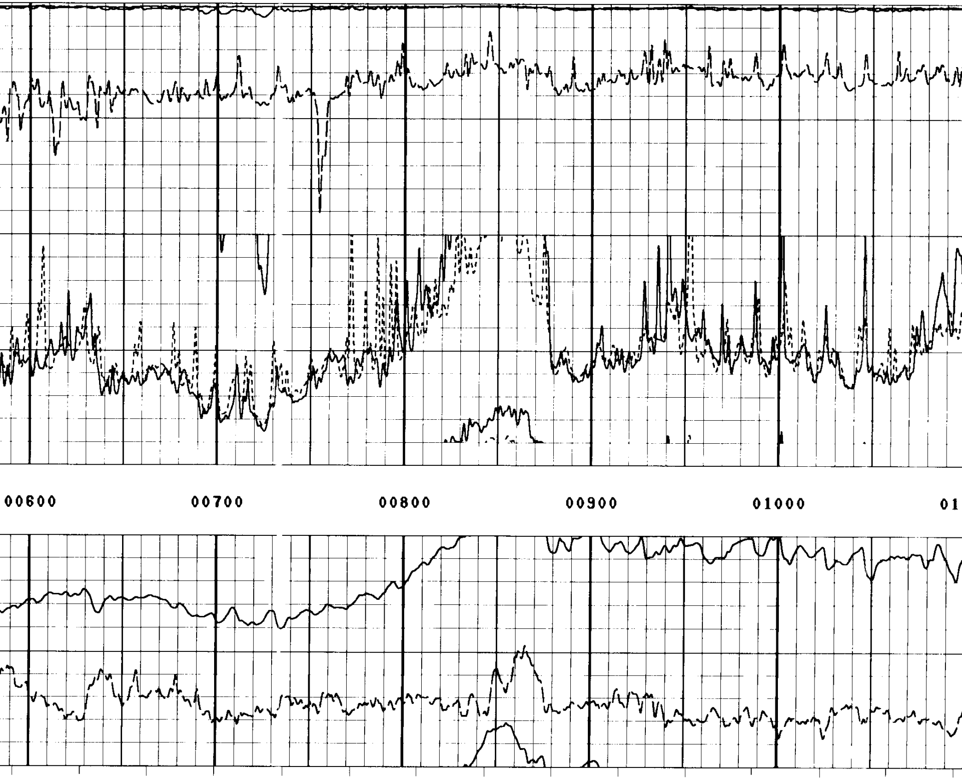
RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL	77837	1503XA	1.5SO
1	1	AC	79731/VENT1	1603/1609	CENT.
1	1	GR	72384	1309XA	CENT
1	1	CAL	38088	4202XA	4/ARM

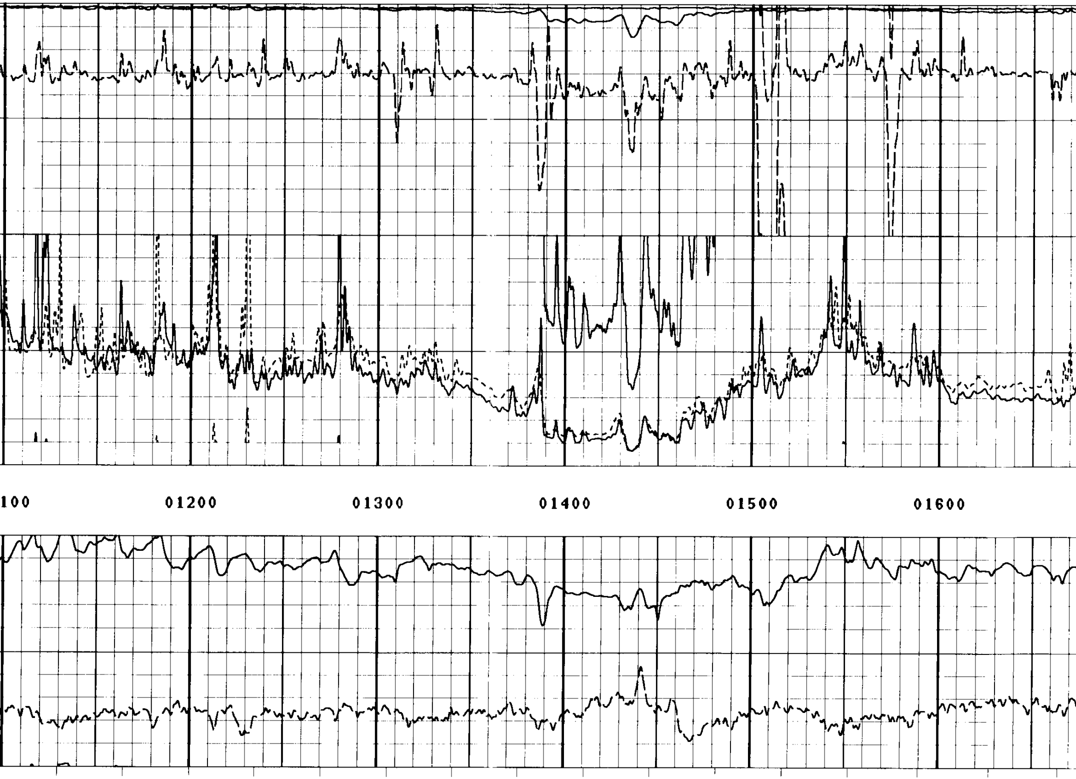
MAIN LOG
2"

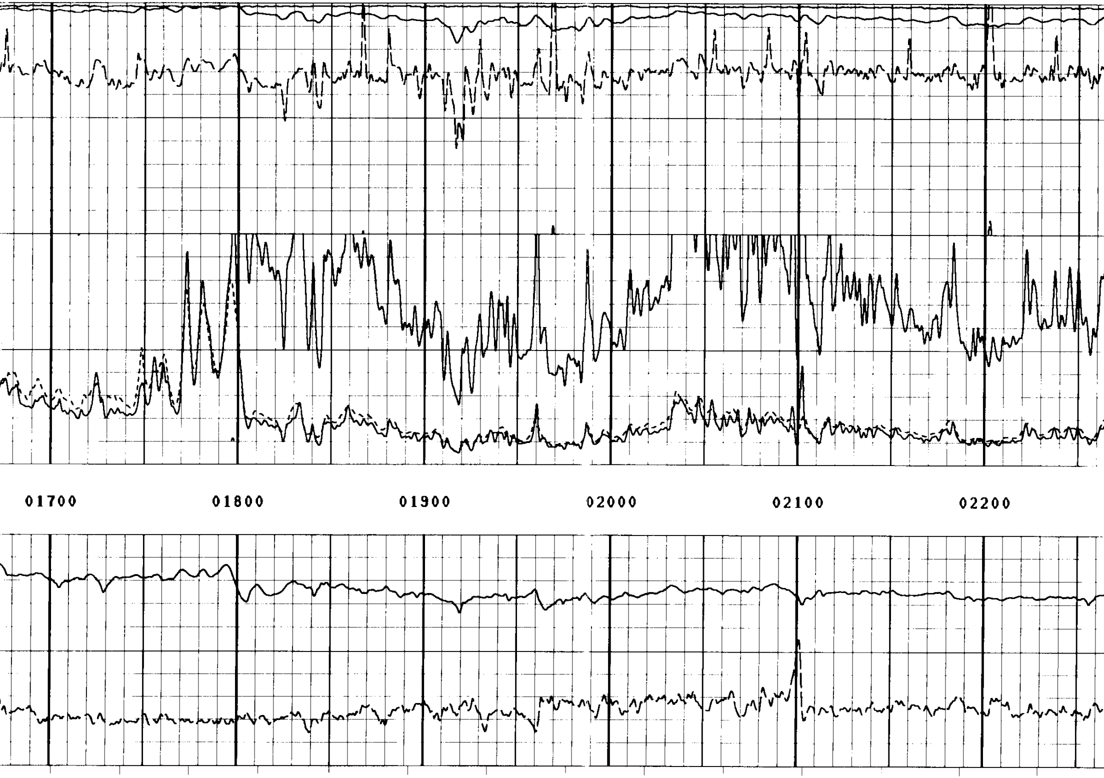
```
****************************************************************************************

                              FILE:   3

        CURVE  DELAY  REPORT
        --------------------

                          ABS.
                  CURVE   DELAY   UNITS
                  -----   -----   -----

                  CFOC        0   FT,IN
                  [illegible]
                  [illegible]
                  [illegible]
                  [illegible]
                  [illegible]
                  CAL     [illegible]   FT,IN
                  [illegible]
                  [illegible]


        PARAMETERS
        ----------

              NAME       DEPTH INTERVAL     VALUE      UNITS
            --------     --------------   ----------   -----
            A             3242 TO   379        0.000
            DEL-T F       3242 TO   379        0.000   MICS/FT
            DEL-T M       3242 TO   379        0.000   MICS/FT
            DEL-T S       3242 TO   379        0.000   MICS/FT
            M             3242 TO   379        0.000
            O.D.          3242 TO   379        0.000   INCH
            PORA          3242 TO   379       WYLLIE


        DISPLAY SCALE CHANGES
        ---------------------

                              *** NONE ***


 COMPANY:    OREGON NATURAL GAS DEVELOPMENT CORP.                  RUN:  1

 WELL NAME:  VAN DYKE  32-26                                       TRIP: 1

 SERVICE:    K0214N        FILE:   3        DATE:  01/19/91        TIME: 16:18:21
```

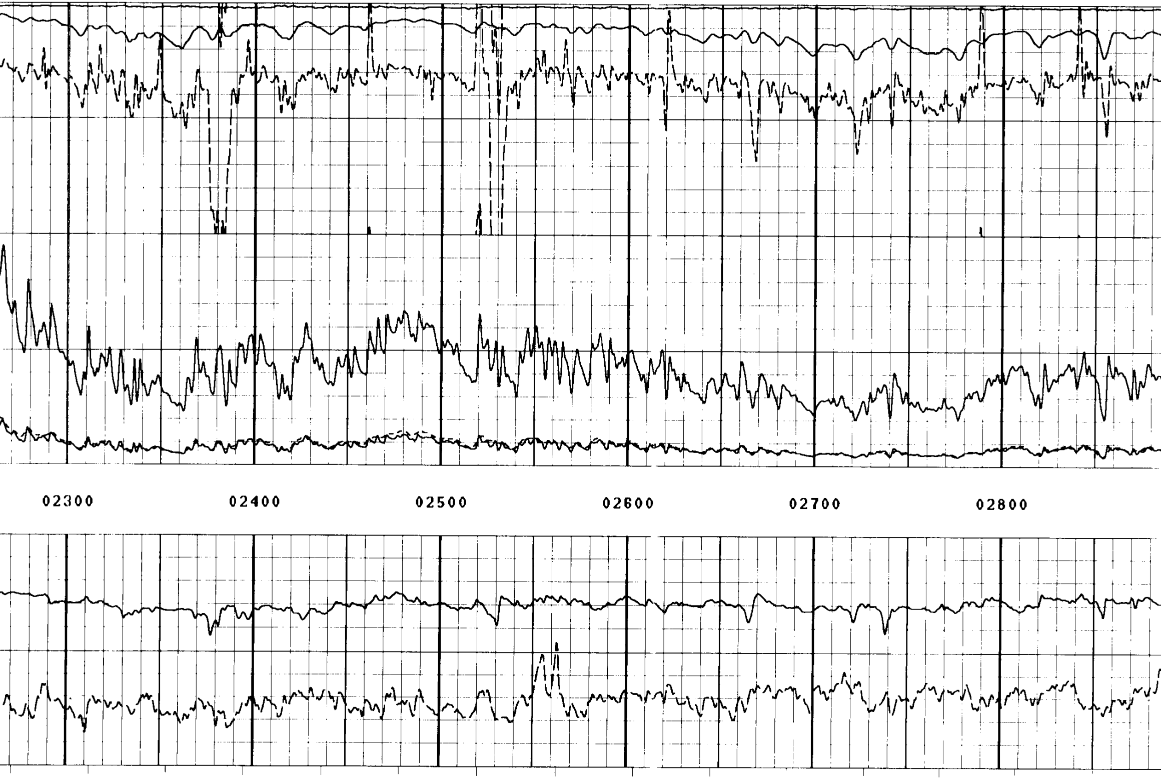
REVISION: FBYS256 REV:G002 VER:2.0   MODE: RECORD

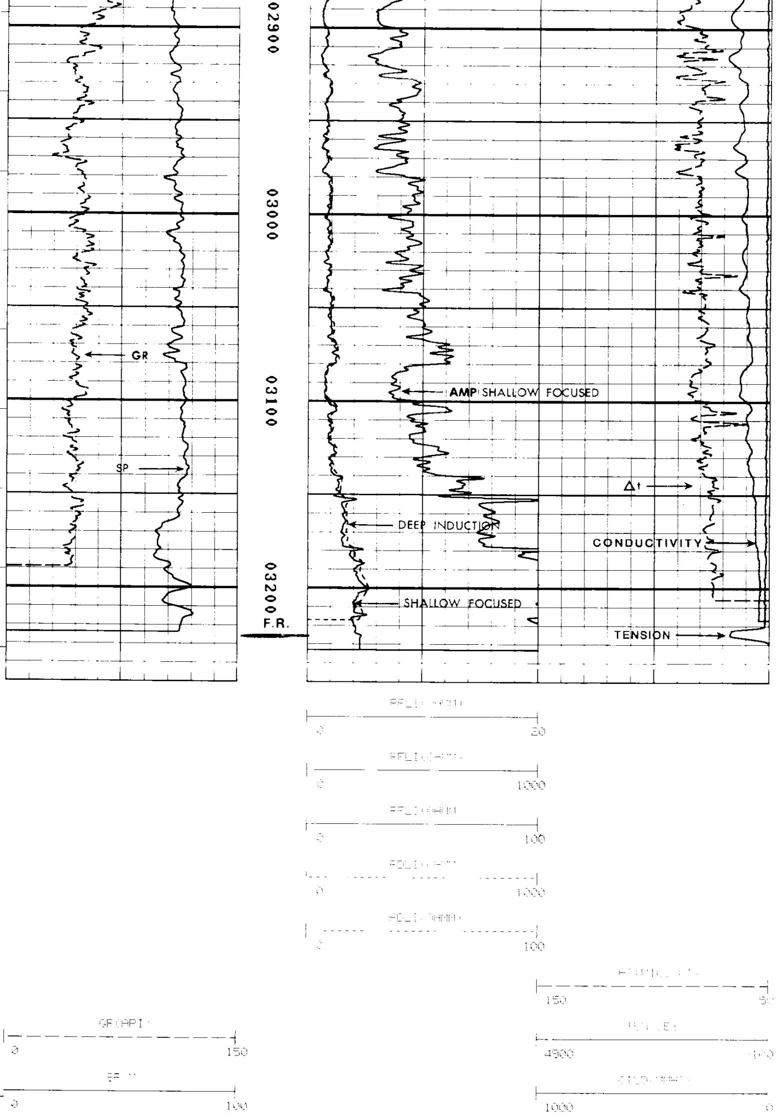












FILE:

* * *

REPEAT SECTION

****

FILE: 1

CURVE DELAY REPORT

[illegible]	[illegible] DELAY	UNITS
[illegible]	[illegible]	FT,IN
[illegible]	[illegible]	FT,IN
[illegible]	[illegible]	FT,IN
[illegible]	[illegible]	FT,IN
[illegible]	[illegible]	FT,IN
[illegible]	[illegible]	FT,IN
[illegible]	[illegible]	FT,IN
[illegible]	[illegible]	FT,IN

PARAMETERS

NAME	DEPTH INTERVAL	VALUE	UNITS
A	3243 TO 3971	0.000	
DEL-T F	3243 TO 3971	0.000	MICS FT
DEL-T M	3243 TO 3971	0.000	MICS FT
DEL-T S	3243 TO 3971	0.000	MICS FT
M	3243 TO 3971	0.000	
O.D.	3243 TO 3971	0.000	INCH
POPA	3243 TO 3971	[illegible]	

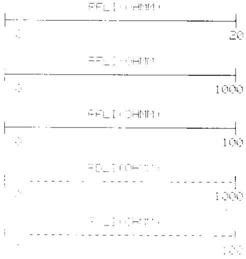
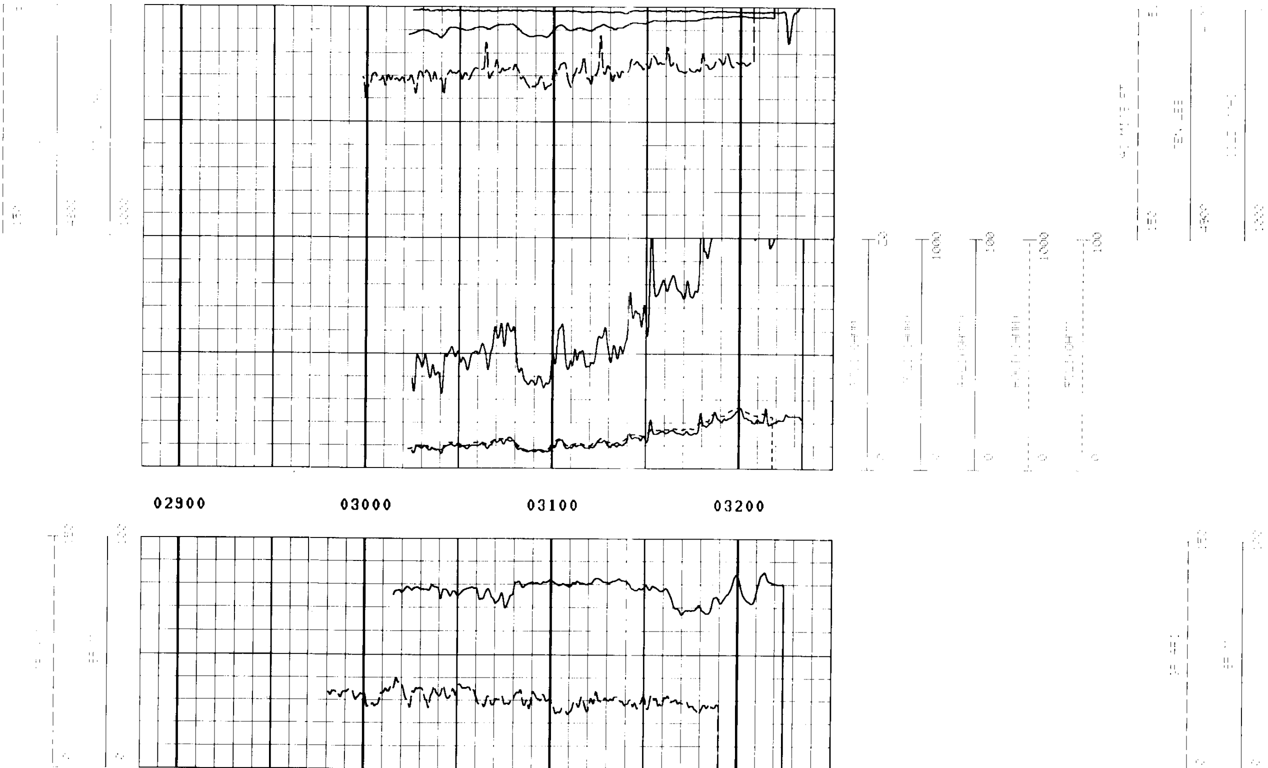
DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: OREGON NATURAL GAS DEVELOPMENT CORP. RUN: 1

WELL NAME: VAN DYKE 32-28 TRIP: 1

SERVICE: KC214N FILE: 3 DATE: 01-13-81 TIME: 16:09:46

REVISION: FSYS256 REV:G002 VER:2.0 MODE: RECORD