ATLAS WIRELINE SERVICES

Western Atlas International

DUAL INDUCTION FOCUSED LOG
BHC ACOUSTILOG®
GAMMA RAY

FILE NO.

API NO.

2" = 100'

COMPANY NORTHWEST NATURAL GAS OREGON NATURAL GAS DEVELOPMENT CORP.

WELL IW33AC-3

FIELD MIST

COUNTY COLUMBIA STATE OR.

LOCATION:
1469.94' N & 1706.49' W
FROM THE SW CORNER OF:

SEC 3 TWP 6N RGE 5W

OTHER SERVICES
CDL/CN/GR
DIPLOG

PERMANENT DATUM GL ELEV. 1075.1
LOGGING MEASURED FROM KB 11.5 FT. ABOVE P.D.
DRILLING MEASURED FROM KB

ELEVATIONS
KB 1086.6'
DF --
GL 1075.1'

FINAL PRINT

DATE	11-29-90							
RUN	1							
SERVICE ORDER	65504							
DEPTH-DRILLER	2621'							
DEPTH-LOGGER	2621'							
BOTTOM LOGGED INTERVAL	2619'							
TOP LOGGED INTERVAL	572'							
CASING - DRILLER	17 1/2"	@ 572'		@		@		@
CASING - LOGGER								
BIT SIZE	12 1/4"							
TYPE FLUID IN HOLE	GEL							
DENSITY / VISCOSITY	.8	40						
PH / FLUID LOSS	8.5	5.8						
SOURCE OF SAMPLE	FLOWLINE							
RM AT MEAS. TEMP.	3.40	@ 65 DEG. F		@		@		@
RMF AT MEAS. TEMP.	2.50	@ 65 DEG. F		@		@		@
RMC AT MEAS. TEMP.	4.20	@ 65 DEG. F		@		@		@
SOURCE OF RMF / RMC	M	M						
RM AT BHT	2.125	@ 104 DEG. F		@		@		@
TIME SINCE CIRCULATION	4 HRS							
MAX. REC. TEMP. DEG. F	104 DEG F							
EQUIP. NO. / LOC.	6399	BAKS.						
RECORDED BY	M. HINDS							
WITNESSED BY	MR. ROTH/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)

BHV COMPUTED FOR 8.625" CASING

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL	77837	1503XA	1.5 SO
1	1	AC	79726/VEMT1	1609/1603	CENT
1	1	GR	72384	1309XA	CENT
1	1	CAL	38088	4209XA	4/ARM

MAIN LOG

COMPANY: OREGON NATURAL GAS DEVELOPMENT CORP. RUN: 1

WELL NAME: IW33AC-3 TRIP: 1

SERVICE: KC214M FILE: 4 DATE: 11/29/90 TIME: 12:26:57

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

RFLI(OHMM) 0 6

RFLI(OHMM) 0 300

RFLI(OHMM) 0 30

RDLI(OHMM) 0 300

RDLI(OHMM) 0 30

VOL(CUFT) 0 30

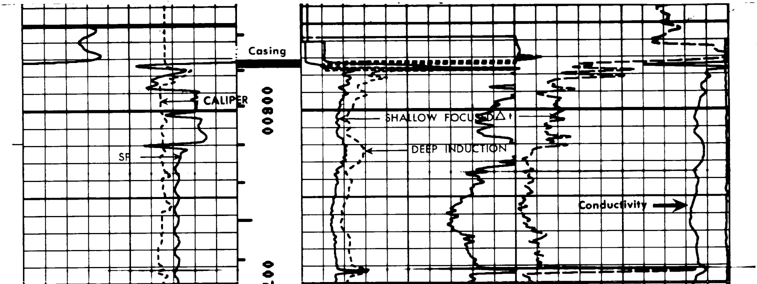
AC(MICS/FT) 150 50

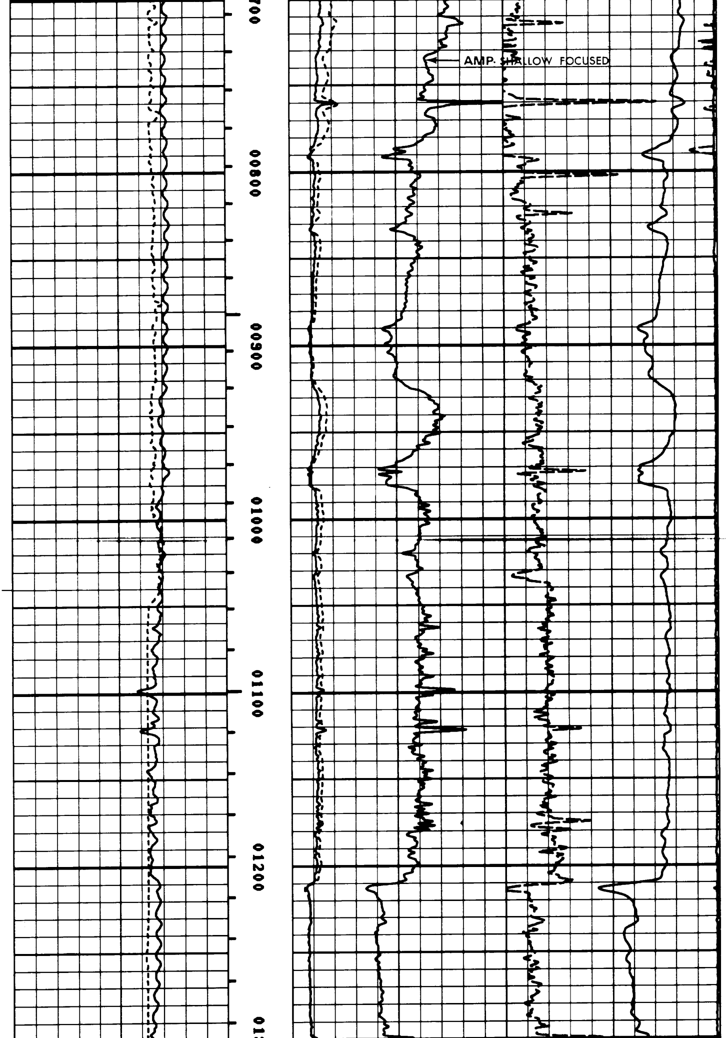
CAL(INCH) 6 16

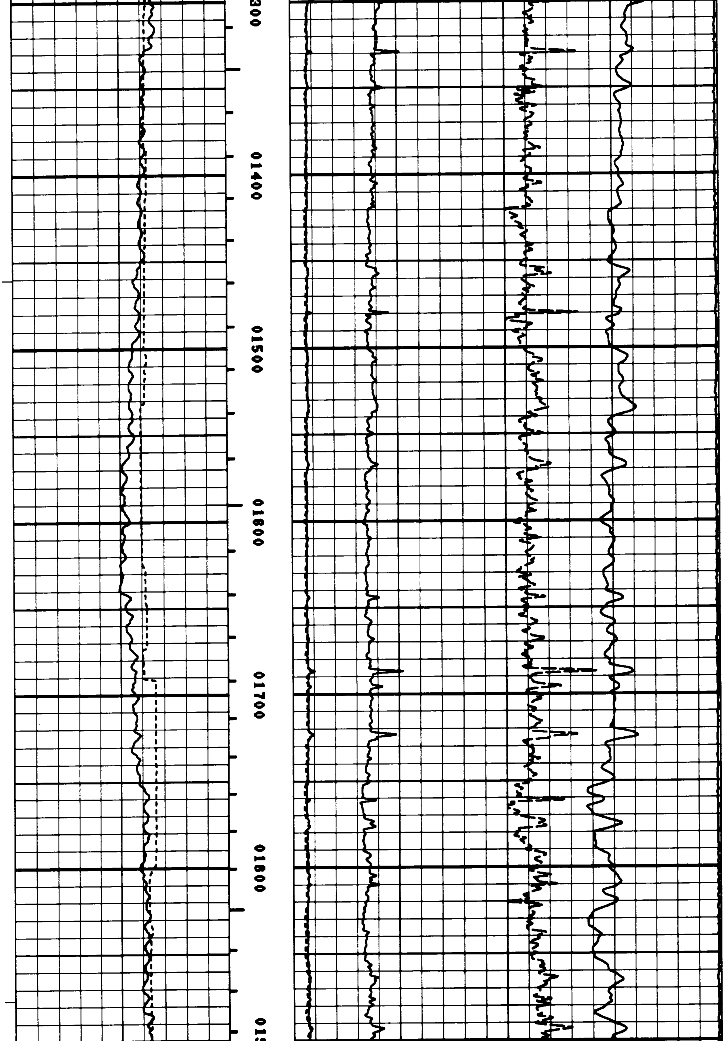
TEN(LBS) 4900 -100

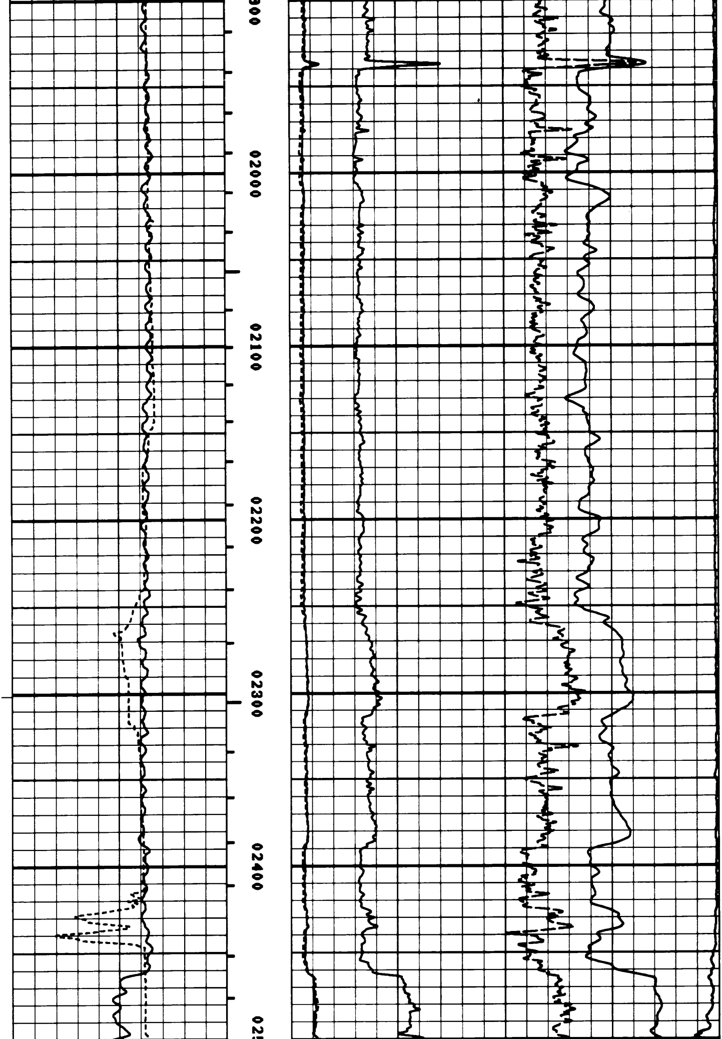
SP(MV) 0 100

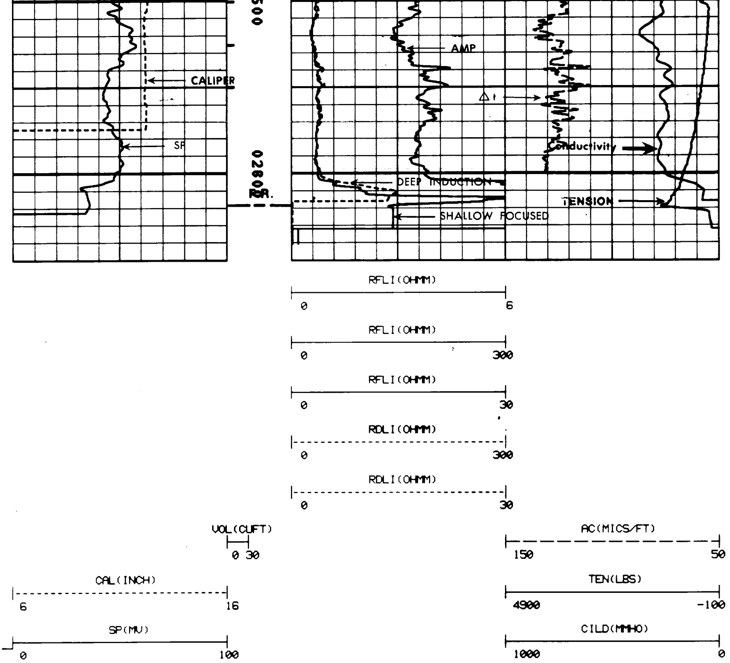
CILD(MMHO) 1000 0











FILE: 4

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FILE: 3

PARAMETERS

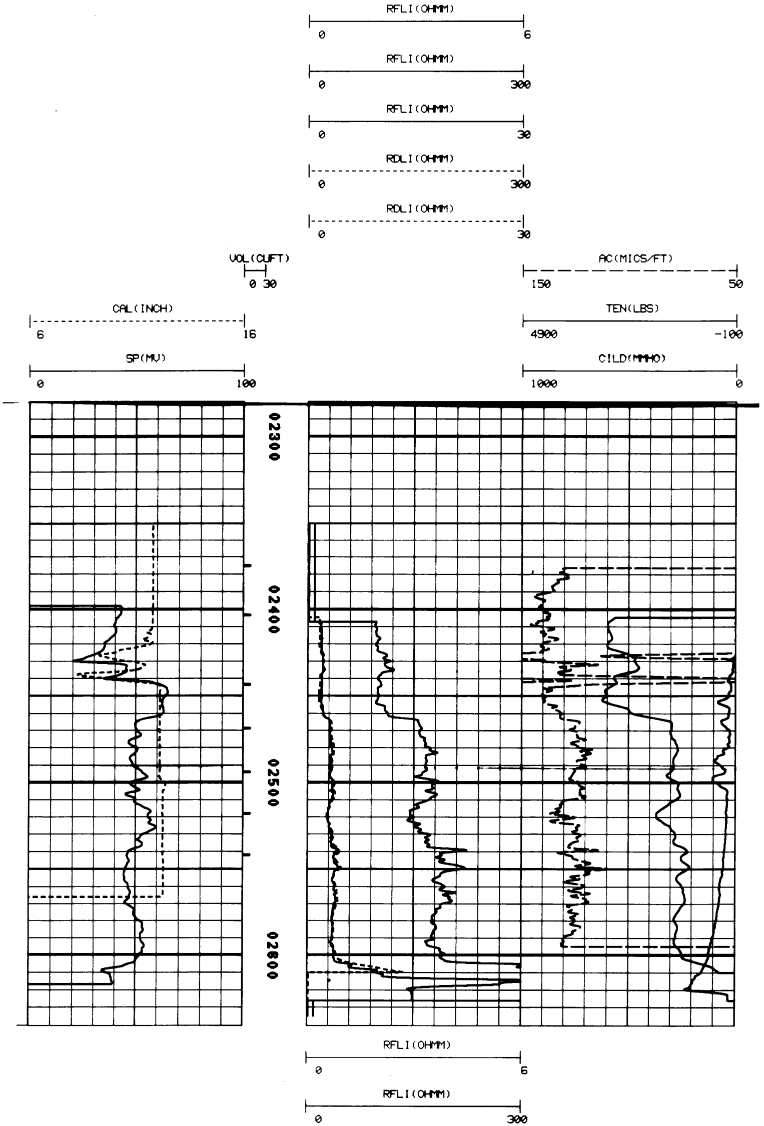
NAME	DEPTH INTERVAL	VALUE	UNITS
A	2635 TO 2351	0.000	
DEL-T F	2635 TO 2351	-0.000	MICS/FT
DEL-T M	2635 TO 2351	-0.000	MICS/FT
DEL-T S	2635 TO 2351	-0.000	MICS/FT
M	2635 TO 2351	0.000	
O.D.	2635 TO 2351	8.625	INCH
PORA	2635 TO 2351	WYLLIE	

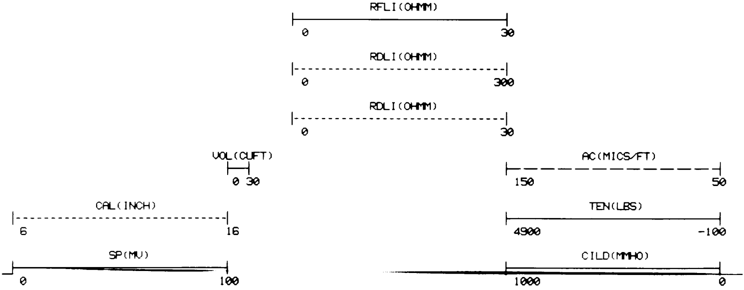
DISPLAY SCALE CHANGES

*** NONE ***

COMPANY: OREGON NATURAL GAS DEVELOPMENT CORP. RUN: 1
WELL NAME: IW33AC-3 TRIP: 1
SERVICE: KC214M FILE: 3 DATE: 11/29/90 TIME: 12:16:31
REVISION: FSYS256 REV:G002 VER:2.0 MODE: PLAYBACK

REPEAT SECTION





FILE: 3