Johnson 33-33-88

COMPANY OREGON NATURAL GAS CORPORATION
WELL HOWARD JOHNSON 33-33
FIELD OLNEY GAS
County CLATSOP State OR

Welex

2"=100'

COMPENSATED ACOUSTIC VELOCITY LOG

COMPANY OREGON NATURAL GAS CORPORATION
WELL HOWARD JOHNSON 33-33
FIELD OLNEY GAS
COUNTY CLATSOP STATE OREGON
Location 2036' NORTH & 2000' WEST FROM THE SOUTHEAST CORNER OF:
Other Services: DIG
Sec. 33 Twp. 8N Rge. 8W
Permanent Datum G.L. Elev. 500
Log Measured From K.B. OR 21 Ft. Above Perm. Datum
Drilling Measured From K.B.
Elev.: K.B. 521
D.F.
G.L. 500

RECEIVED PTLD
DEC 30 1981
DEPT OF GEOLOGY

Date	10-15-81		
Run No.	ONE		
Depth—Driller	8135		
Depth—Welex	4806		
Btm. Log Inter.	4801		
Top Log Inter.	1018		
Casing—Driller	10 3/4 @ 1018	@	@
Casing—Welex	1018		
Bit Size	8 3/4		
Type Fluid in Hole	LIGNOSULF. 5% DIESEL		
Dens. | Visc.	10.6 | 62	|	|
pH | Fluid Loss	11.0 | N/A ml	| ml	| ml
Source of Sample	CIRCULATED		
R_m @ Meas. Temp.	1.52 @ 62 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.21 @ 65 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.01 @ 50 °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	|	|
R_m @ BHT	0.79 @ 120°F	@ °F	@ °F
Time Since Circ.	30 HRS.		
Max. Rec. Temp.	120°F @ BHT.	°F @	°F @
Equip. | Location	9430 | WDLND	|	|
Recorded By	VORHEES PORTER		
Witnessed By	STINSON,		

Fold Here

Service Ticket No 054969 Remarks:

Change in Mud Type or Additional Samples

Date | Sample No.	|	|
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	|	|
ph | Fluid Loss	| ml	|
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}	|	|
R_m @ BHT	0.79 @ 120°F	@ °F
R_{mf} BHT	0.55 @ 120°F	@ °F
R_{mc} BHT	0.83 @ 120°F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	AVL		CENT.	

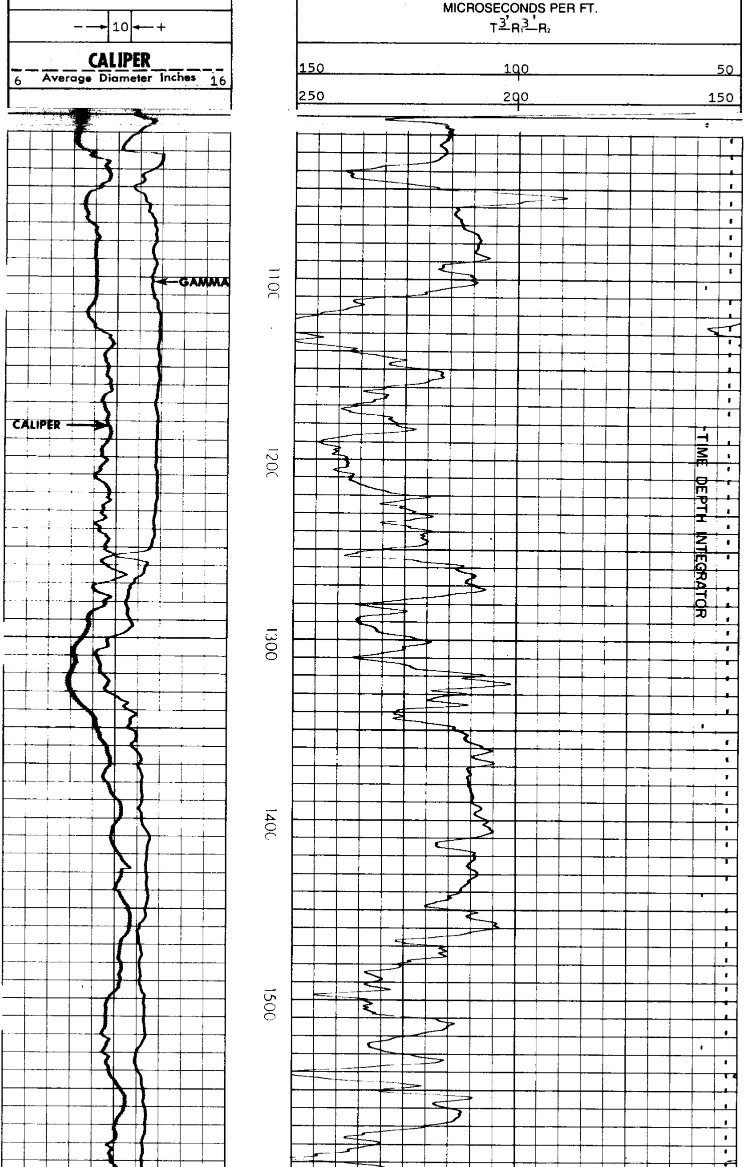
R.M.C.

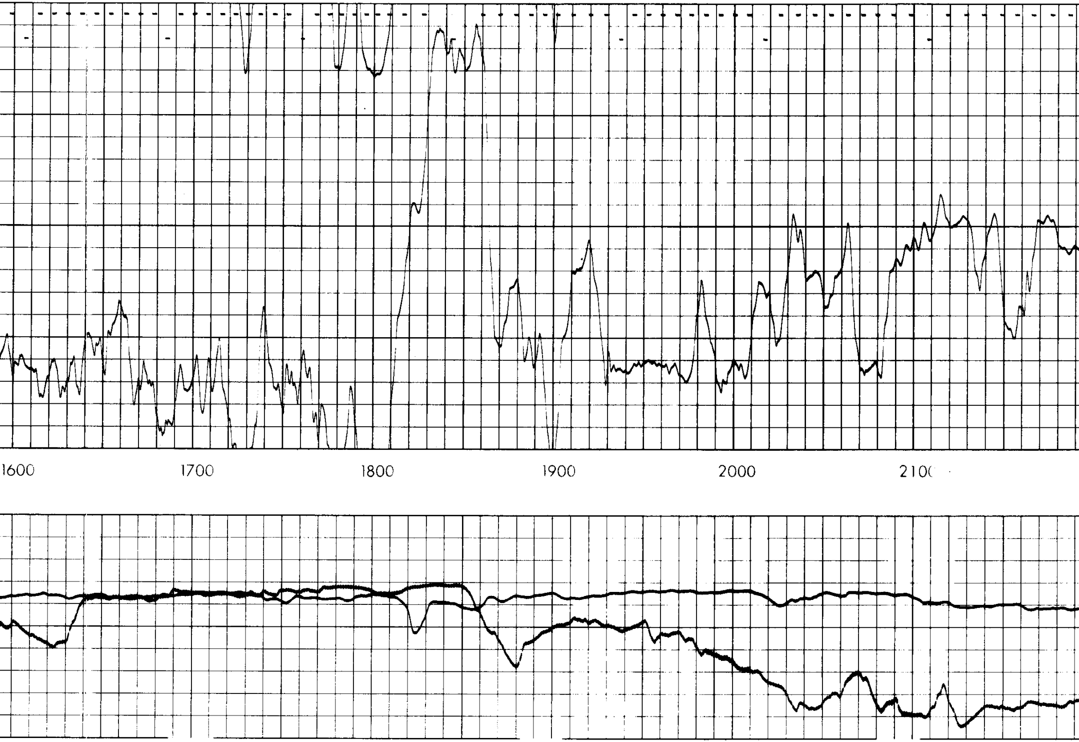
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

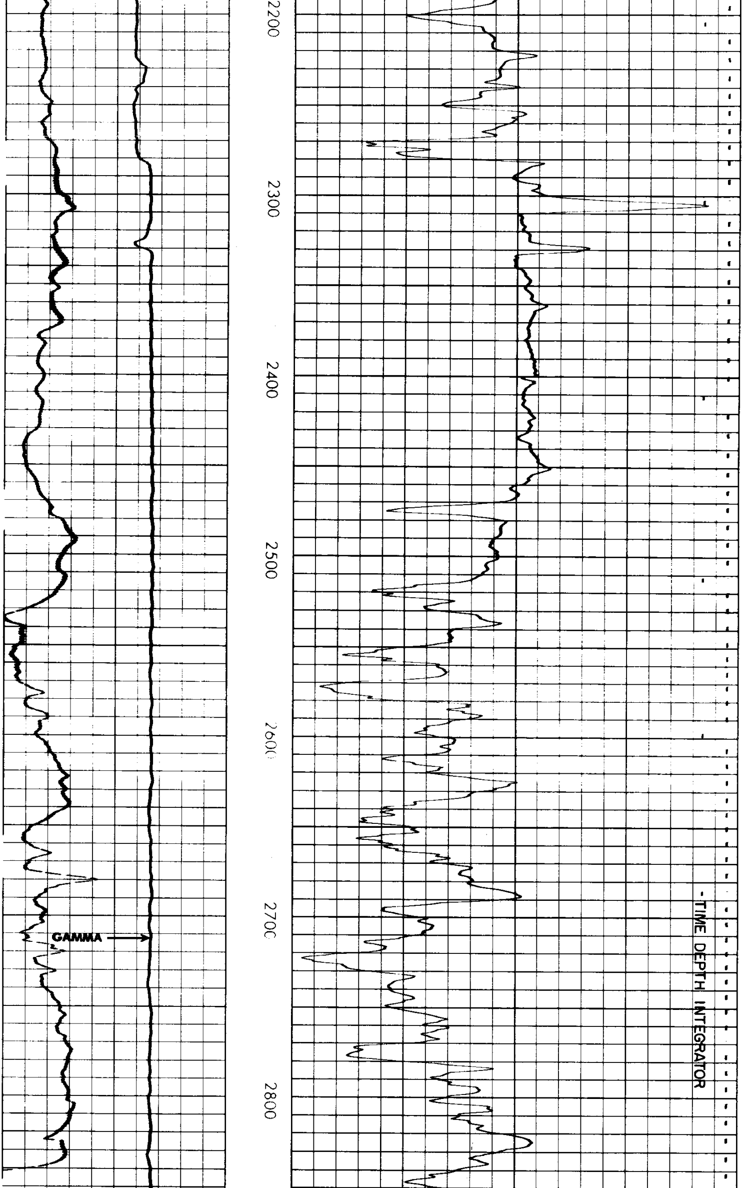
2"= 100'

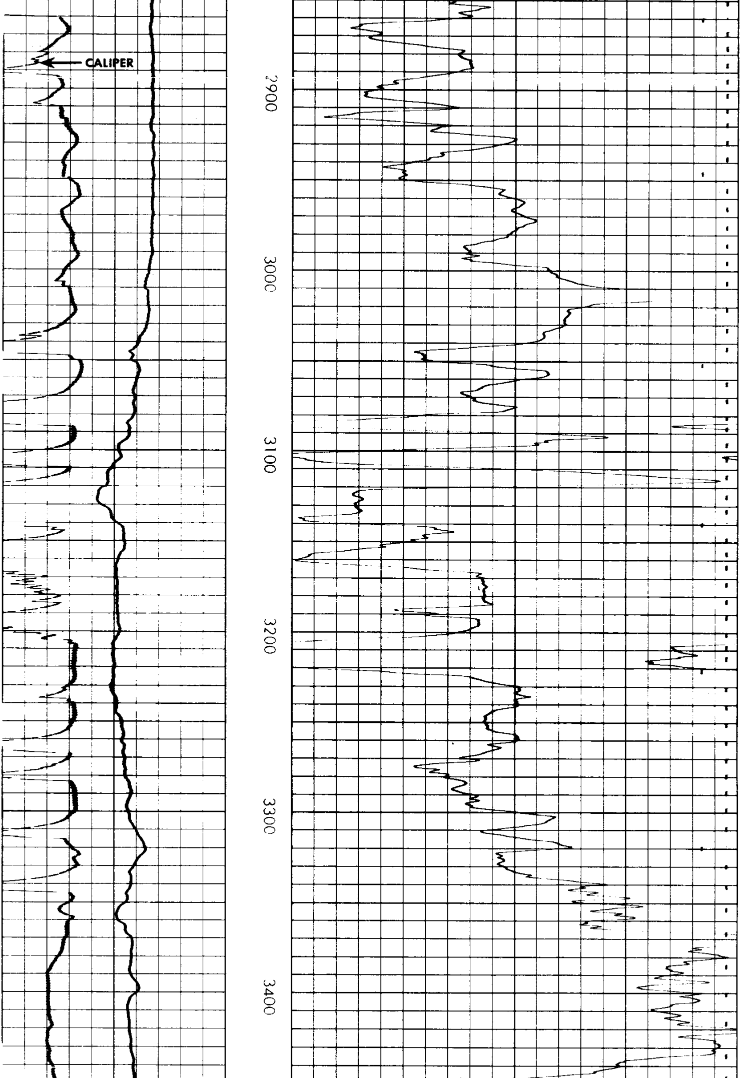
POTENTIAL MILLIVOLTS

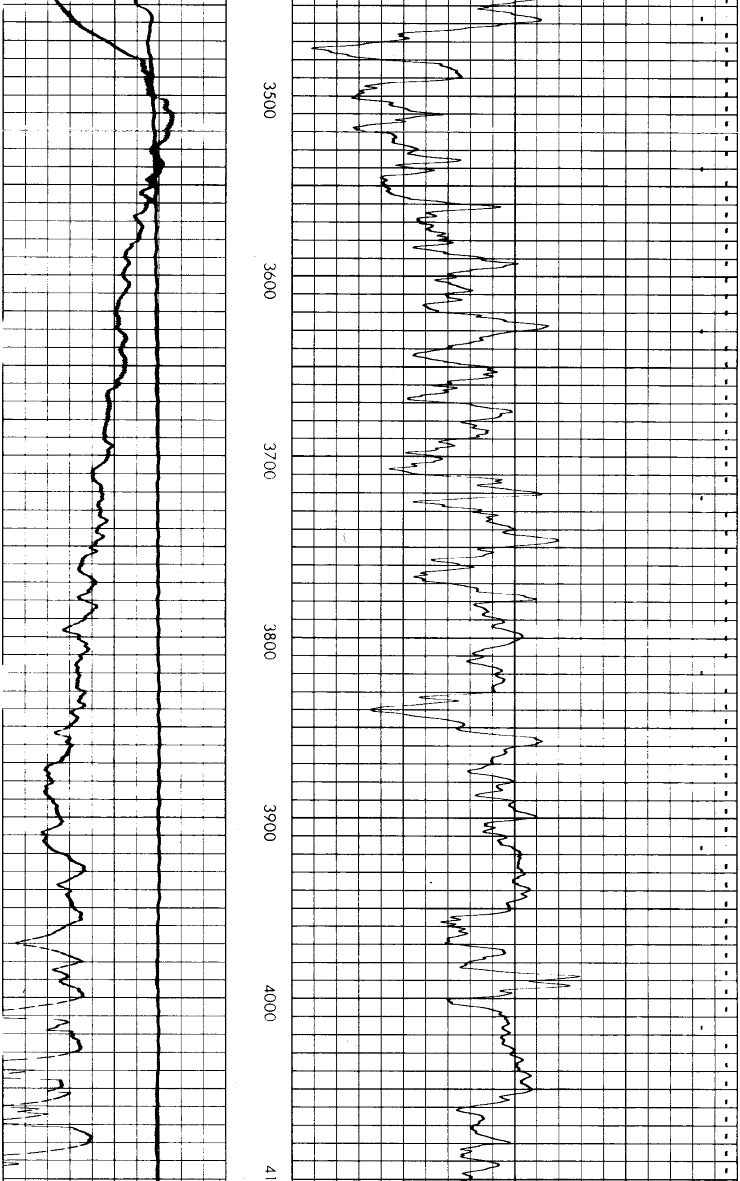
TRAVEL TIME

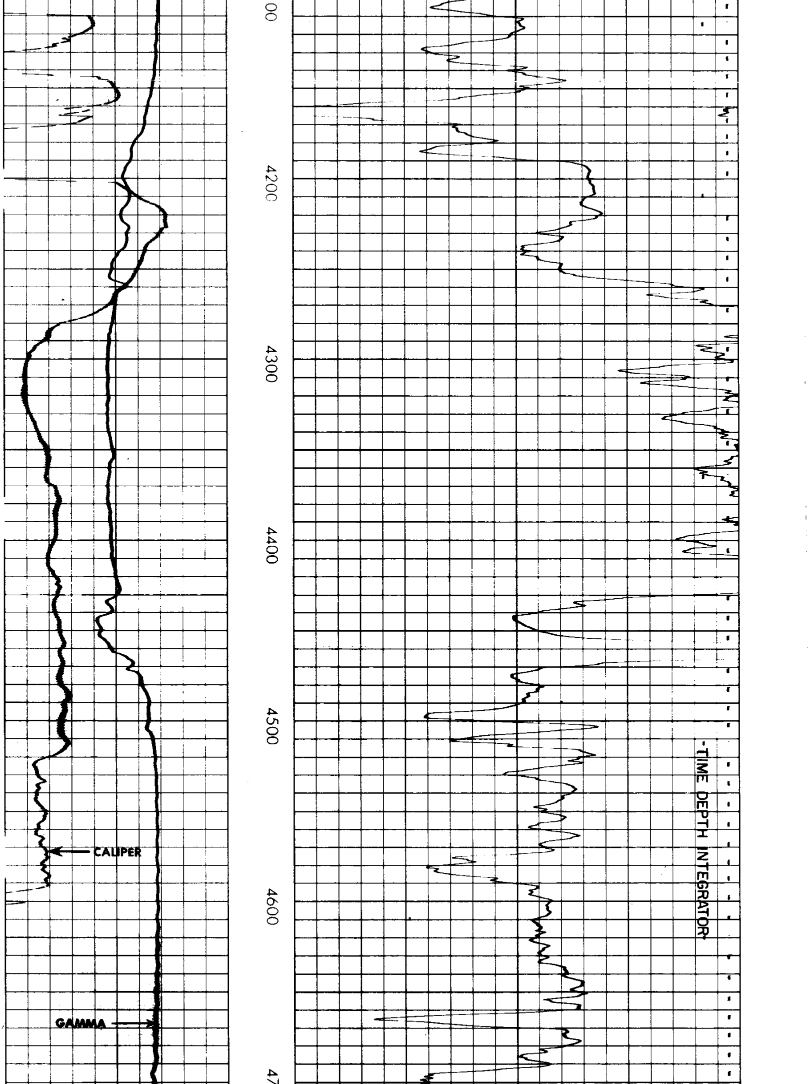


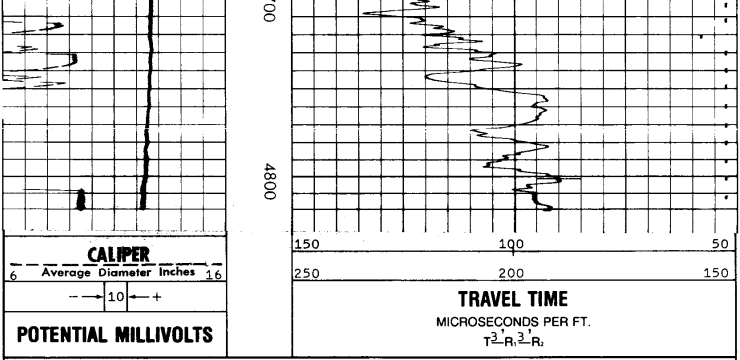






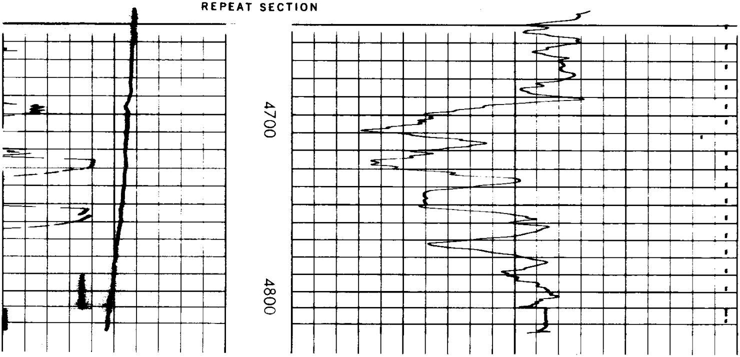






OREGON NATURAL GAS CORPORATION
HOWARD JOHNSON 33-33
OLNEY GAS
CLATSOP COUNTY, OREGON

T.D. LOGGED 4801
T.D. DRILLER 8135
T.D. WELEX 4806
ELEV: KB 521 GL 500

REPEAT SECTION