175-017

2"

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COMPANY ATLANTIC RICHFIELD COMPANY

CONFIDENTIAL

WELL WEST MIKKELSEN BAY STATE #1

FIELD WILDCAT

COUNTY NORTH SLOPE STATE ALASKA

RECEIVED DEC 8 1978 Division of Oil and Gas Conservation Anchorage

LOCATION

API SERIAL NO. 50-029-20278 | SEC. 32 | TWP 10N | RANGE 19E

Other Services: DIL, BGT, HDT FDC/CNL/GR PERF/CCL, CBL/VDL/GR

COUNTY NORTH SLOPE
FIELD WILDCAT
LOCATION WEST MIKKELSEN BAY
WELL STATE #1
COMPANY ATLANTIC RICHFIELD C

Permanent Datum: MSL ; Elev.: 0
Log Measured From KB 51 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 51
PAD 32
G.L. 25

Date	4-14-78	5-23-78	9-8-78	
Run No.	ONE	TWO	THREE	
Depth—Driller	3320	11120	15578	
Depth—Logger (Schl.)	3327	11115	15585	
Btm. Log Interval	3320	11112	15582	
Top Log Interval	395	3316	11106	
Casing—Driller	20 @ 401	13 3/8" @ 3312	9 5/8" @ 11100	@
Casing—Logger	395	3316	11106	
Bit Size	17 1/2"	12 1/4"	8 1/2"	
Type Fluid in Hole	FGM	GEL/LIGNOS	LIGNOS	
Dens. / Visc.	9.2 / 275	11.9 / 45	11.3 / 47	
pH / Fluid Loss	80 / - ml	10.5 / 4.6ml	11.0 / 3.6 ml	ml
Source of Sample	FLOWLINE	CIRC	CIRC	
Rm @ Meas. Temp.	3.22 @ 62 °F	1.46@ 63°F	.713 @ 73 °F	@ °F
Rmf @ Meas. Temp.	2.46 @ 58 °F	1.47@ 49°F	.620 @ 60 °F	@ °F
Rmc @ Meas. Temp.	- @ - °F	2.19@ 52°F	.995 @ 60 °F	@ °F
Source: Rmf / Rmc	M / -	M / M	M / M	
Rm @ BHT	- @ - °F	.58 @168 °F	.232 @ 238°F	@ °F
TIME: Circulation Stopped	4-14 1400	1800 5-22	0200 9-8	
TIME: Logger on Bottom	4-14 2200	1300 5-23	1530 9-8	
Max. Rec. Temp.	80 °F	168 °F	254 & 25°F	°F
Equip. / Location	3624 / 4614	3624 / 4614	3624 / 4614	
Recorded By	RATHERT	REHMANN	BOND	
Witnessed By Mr.	GOFF	BARKER	BAKER/SERPAS	

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE	TWO	THREE
Service Order No.	84996	02188	84433
Fluid Level	FULL	FULL	FULL

EQUIPMENT DATA			
Sonic Panel No.	257	JH-271	JH-241
Sonic Cart No.	218	EA-343	EA-168
Sonic Sonde No.	1634	RA-1563	RA-1634
Mem. Panel No.	249	CA-174	CA-174
G.R. Cart. No.	328	JAA-101	KG-1128
G.R. Panel No.	249	CA-174	CA-174
Caliper No.	-	VCD-1200	D-1200
TTR No.	987	985	EB-985
Centralizers: No.	3	1	4
Type	4 FIN	VCD	FINS
Standoffs: No.	-	3	-
Type	-	FINS	-
Time Const.-Sec.	AUTO	AUTO	AUTO
Speed - F.P.M.	30+	60	60

CALIBRATION DATA				
GR	BKG. CPS	10	40	30
	Source CPS	250	500	260
	Tc Sec	AUTO	6	AUTO

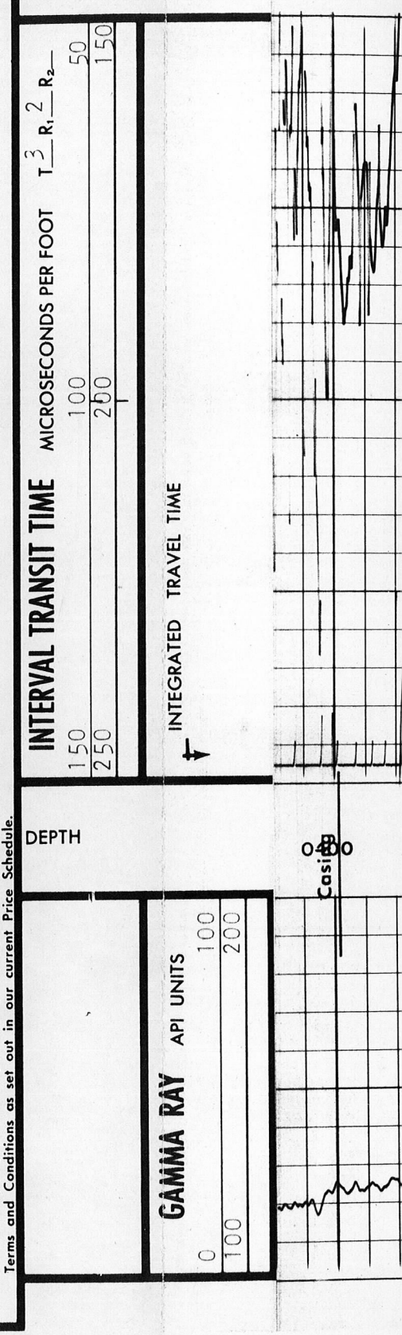
SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

LOGGING DATA

Porosity Selectors Δt_m	Δt_f	Cp	ø Scale	Depth From	Depth To

REMARKS

Velocity (ft/sec) = 1,000,000 / Interval Transit Time (microseconds per foot)

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