180-076

2"

Schlumberger

8'-10'-12'-LONG SPACED - DDBHC

SONIC LOG

CONFIDENTIAL

COMPANY CONOCO, INC.

WELL GWYDYR BAY STATE #2

FIELD WILDCAT

COUNTY NORTH SLOPE STATE ALASKA

COUNTY NORTH SLOPE
FIELD PRUDHOE BAY
LOCATION GWYDYR BAY #2
WELL
COMPANY CONOCO, INC

LOCATION 476' FEL & 2867' FSL

API SERIAL NO. 50-029-20491 | SEC. 11 | TWP 12N | RANGE 13E

Other Services:
DIL/GR
BHC/GR
FDC/CNL/GR
HST CST LSS

Permanent Datum: MSL ; Elev.: 0
Log Measured From KB 29 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 29
D.F. 28
PAD G.L. 5

Date	11/13/80		1/25/81					
Run No.	ONE		TWO					
Depth—Driller	2646		11365					
Depth—Logger (Schl.)	2638		11333					
Btm. Log Interval	2628		11320					
Top Log Interval	92		2610					
Casing—Driller	20 @ 95		13 3/8 @2611		@		@	
Casing—Logger	92		2610					
Bit Size	17 1/2		12 1/4					
Type Fluid in Hole	FGM		LIGNOSULFO.					
Dens. / Visc.	9.6	122	11.6	55.0				
pH / Fluid Loss	7.5	17.2 ml	9.0	3.4 ml		ml		ml
Source of Sample	CIRCULATED		CIRCULATED					
Rm @ Meas. Temp.	3.28@55 °F		1.08 @ 80 °F		@ °F		@ °F	
Rmf @ Meas. Temp.	2.78@51 °F		.77 @ 80 °F		@ °F		@ °F	
Rmc @ Meas. Temp.	3.32@44 °F		1.18 @ 80 °F		@ °F		@ °F	
Source: Rmf / Rmc	M	M	M	M				
Rm @ BHT	2.09@90 °F		.41 @ 208°F		@ °F		@ °F	
TIME Circulation Stopped	0700		1200 1/23					
TIME Logger on Bottom	1630		1000					
Max. Rec. Temp.	91 °F		208 °F		°F		°F	
Equip. / Location	3432	4614	7856	4614				
Recorded By	BOND		LUDLAM					
Witnessed By	EHM/SALVADOR		EHM/MERRIMAN					

RECEIVED
MAR 18 1981
Alaska Oil & Gas Cons. Commission
Anchorage

FOLD HERE

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

Run No.	ONE	TWO
Service Order No.	107729	107564
Fluid Level	FULL	FULL

EQUIPMENT DATA

Sonic Panel No.	JH-317	SLSSC80
Sonic Cart No.	FA 551	SLC FA 1017
Sonic Sonde No.		ECH KG 2149
Mem. Panel No.	CA 196	
G.R. Cart. No.	JAA 627	
G.R. Panel No.	CA 196	
Caliper No.		
TTR No.	EB 2833	
Centralizers: No.	-	
Type	-	
Standoffs: No.	4	
Type	FINS	
Time Const.-Sec.	AUTO	
Speed - F.P.M.	50	

CALIBRATION DATA

GR	BKG. CPS	11	
	Source CPS	220	
	Tc Sec	AUTO	

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

LOGGING DATA

Porosity Selectors				Depth	
Δt_m	Δt_f	Cp	ϕ Scale	From	To

REMARKS

DELTA T IS COMPUTED USING DEPTH DERIVED BOREHOLE COMPENSATION LOGIC. SONDE SPACING IS 8',10',12' VERY WEAK SIGNAL BETWEEN 10450- AND 10562 (SIMILAR RESPONSE ON FDC/CNL.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T__ R_1__ R_2__
150 100 50

INTEGRATED TRAVEL TIME

DEPTH

CALIPER DIAM. IN INCHES

GAMMA RAY API UNITS
0 100
100 200