177-046

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COUNTY NORTH SLOPE
FIELD WILDCAT
LOCATION
WELL PT. MC INTYRE STATE NO. 1
COMPANY GULF OIL CORP.

COMPANY GULF OIL CORPORATION

CONFIDENTIAL

WELL PT. MC INTYRE STATE NO. 1

FIELD WILDCAT

COUNTY NORTH SLOPE STATE ALASKA

LOCATION 1445' FSL & 589' FEL

API SERIAL NO.	SEC.	TWP	RANGE
	16	12 N	14 E UPM

Other Services:
DIL, CBL,
FDC-CNL-GR,
FDC-GR

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

Elev.: K.B. ----
D.F.
G.L.

Date	8-14-77	9-28-77	
Run No.	ONE	TWO	
Depth—Driller	2714	13440	
Depth—Logger (Schl.)	2704	13412	
Btm. Log Interval	2698	13406	
Top Log Interval	100	12310	
Casing—Driller	20" @98	9 5/8" @12314	@ @
Casing—Logger	100	12310	
Bit Size	17 1/2"	8 1/2"	
Type Fluid in Hole	GEL BENEX	DIESEL BASE MUD	
Dens. / Visc.	10.2 / 300+	10.6 / 42	
pH / Fluid Loss	---- / --ml	10.0 / 3.6ml	ml ml
Source of Sample	CIRCULATED	PIT	
Rm @ Meas. Temp.	2.61 @ 59°F	2.38 @ 69°F	@ °F @ °F
Rmf @ Meas. Temp.	1.47 @ 57°F	2.13 @ 67°F	@ °F @ °F
Rmc @ Meas. Temp.	---- @ --°F	3.29 @ 63°F	@ °F @ °F
Source: Rmf / Rmc	M / --	M / M	
Rm @ BHT	---- @ --°F	.81 @ 202°F	@ °F @ °F
TIME: Circulation Stopped	1830 8-13	2000	
TIME: Logger on Bottom	0300 8-14	0800	
Max. Rec. Temp.	TLTM °F	210 °F	°F °F
Equip. / Location	3432 / 4614	3432 / 4614	
Recorded By	MARTIN	BRABECK	
Witnessed By Mr.	HEIM	HALES-DAY-GROVES	

RECEIVED
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Division of Oil and Gas Conservation
Anchorage

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SWS-1384-J

FOLD HERE

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

Run No.	ONE	TWO
Service Order No.	84319	87230
Fluid Level	SURFACE	SURFACE

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)

EQUIPMENT DATA

Sonic Panel No.	JH-324	JH-529
Sonic Cart No.	EH-291	FA-551
Sonic Sonde No.	RA-1563	QA-1227
Mem. Panel No.	AC-174	AC-27
G.R. Cart. No.	627	KG-600
G.R. Panel No.	AC-174	AC-27
Caliper No.	----	----
TTR No.	2833	----
Centralizers: No.	----	NONE
Type	----	----
Standoffs: No.	2	2
Type	4 FIN	FINS
Time Const.-Sec.	AUTO	1
Speed - F.P.M.	----	60

CALIBRATION DATA

GR	BKG. CPS	10	40
	Source CPS	480	500
	Tc Sec	CAL	6

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 Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

DEPTH

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT T3 R1 R2

150	100	50
250	200	150

INTEGRATED TRAVEL TIME

GAMMA RAY API UNITS

0	100
100	200

Travel Time Casing
5 μ Sec.