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#17

March 26, 1980

RE: Husky/U. S. Geological Survey

RE: Husky/U.S.G.S.
Ikpikpuk #1
Sec. 25, 13N/19W, U.B.M.
North Slope, Alaska

ADDENDUM TO PALYNOLOGY REPORT

Twenty-three (23) samples were processed and analyzed for palynological age determinations. The total consisted of 15 ditch and 8 core samples taken from the interval 14,210 feet to the total depth of 15,480 feet. This report is an addendum to the original report which covered the section above 14,210 feet, the depth where the well had been suspended at the end of the 1978-79 drilling season. The addendum covers the new section penetrated during the 1979-80 season.

A distribution chart displaying the occurrences of palynomorph taxa is included with this addendum.

Summary of Results

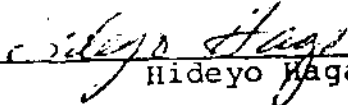
The palynomorphs recovered are not very distinctive forms and provide evidence for only an undifferentiated Carboniferous age assignment. Generally, the section of carbonates and red clastics above 15,200 feet yielded highly degraded organic

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matter and poorly preserved palynomorphs. Below 15,200 feet, where some gray-colored clastics appear, the spore abundance increases and their preservation is greatly improved.

The presence of scolecodonts between 14,390 feet and 14,840 feet is indicative of marginal marine conditions for that part of the section.

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Hideyo Haga

PERIOD	CORE	DEPTH (FEET)	DITCH	PALYNOMORPHS		SPORES		MISCELLAN.
				Densaspurites spp. <i>indet. spores & spore frags (poor preservation)</i>	Lycospora spp.	Convolutispora sp.	Spinotriletes sp.	Calamospora sp.
CARBONIFEROUS		14,210	14,300					
		14,300	14,390					
		14,390	14,480					
		14,480	14,570					
		14,570	14,660					
		14,660	14,750					
		14,750	14,840					
		14,840	14,930					
		14,930	15,020					
		15,020	15,110					
		15,110	15,200					
		15,200	15,290					
		15,290	15,350					
		15,350	15,420					
	15,420	15,480	2					
INDETERMINATE	C-13	14,971		}	Barren of palynomorphs			
		14,974						
		14,977						
		14,980						
		14,983						
		14,985						
C-16	15,463							
	15,466							

- ◻ Rare (1-5)
- ▨ Frequent (6-15)
- Common (16-30)