FORM 925321 REV. (9-80)

180-101

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DresserAtlas

DRESSER

BHC Acoustilog® Gamma Ray

FILE NO. 2"

API NO.

RECEIVED MAR 18 1992 Alaska Oil & Gas Cons. Commission Anchorage

Company: EXXON COMPANY, U.S.A.

Well: ALASKA STATE D-1

Field: WILDCAT CONFIDENTIAL

County: NORTH SLOPE State: ALASKA

LOCATION: 1169' NSL & 305' WEL

SEC 23 TWP 10N RGE 23E

Other Services: DIFL, CN/CDL/GR, CDL - DIPLOG, 4 ARM CALIPER

Permanent Datum: M.S.L. Elev. 0'

Log Measured from: K.B. 38 Ft. Above Permanent Datum

Drilling Measured from: K.B.

Elev. KB 38' DF 37' GL 7.1'

Date	11-2-81	11-10-81	12-12-81	1-8-82	2-2-82
Run No.	ONE	TWO	THREE	FOUR	FIVE
Service Order	31976	31977	31978	31980	31974
Depth—Driller	2101'	4000'	10085'	12897'	13050'
Depth—Logger	2101'	4004'	10085'	12898'	13056'
Bottom Logged Interval	2088'	3989'	10071.5'	12865'	13050'
Top Logged Interval	SURFACE	2051'	4000'	10086'	12420'
Casing—Driller	30" @ 112'	20" @ 2056	13 3/8 @ 3998	9 5/8 @ 10082	9 5/8 @10080
Casing—Logger	114'	2051'	4000'	10086'	10086'
Bit Size	17 1/2"	17 1/2"	12 1/4"	8 1/2"	8 1/2"
Type Fluid in Hole	MUD-BENEX	F.WATER GEL	F.WATER MUD	LINGO.	L.S.D.L.
Density and Viscosity	9.6 / 12	9.5 / 15	11.5 / 61	15.7 / 47	15.8 / 58
pH and Fluid Loss	8.5 / 14 cc	9.5 / 20.2cc	10.6 / 5.2 cc	11.7 / 26 cc	11 / 12 cc
Source of Sample	PITS	FLOWLINE	FLOWLINE	FLOWLINE	FLOWLINE
Rm @ Meas. Temp.	1.285 @ 67 °F	1.88 @ 74 °F	1.27 @ 63 °F	1.85 @ 75 °F	1.52 @ 75°F
Rmf @ Meas. Temp.	1.198 @ 60 °F	.62 @ 75 °F	1.25 @ 63 °F	1.21 @ 75 °F	1.07 @ 75°F
Rmc @ Meas. Temp.	1.652 @ 70 °F	N.A. @N.A.°F	1.41 @ 63 °F	3.01 @ 75 °F	2.36 @ 75°F
Source of Rmf and Rmc	MEAS. / MEAS.	MEAS. / N.A.	MEAS. / MEAS.	CALC. / CALC.	CALC. / CALC.
Rm @ BHT	.75 @ 88 °F	1.29 @108 °F	.57 @ 156°F	.72 @ 204°F	.35 @ 200°F
Time Since Circ.	5 HOURS	15 HOURS	14 HOURS	12 HOURS	7 HOURS
Max. Rec. Temp. Deg. F.	88 °F	111 °F	156 °F	204 °F	200 °F
Equip. No. and Location	8583 N.SLOPE	8583 N.SLOPE	8583 N.SLOPE	8583 N.SLOPE	8635 N.SLOPE
Recorded By	DORMAIER	TAMBLYN	TAMBLYN	TAMBLYN	BERRNS/SLATE
Witnessed By	MR. MORRIS	MR. MORRIS	MR.LONGSTREET	MR. MORRIS	MR. MORRIS

REMARKS: RUN #1- BHC-AL 2' DEEP TO DIFL AT CASING SHOE. ACOUSTIC SCALE HAS BACK-UP OF 0-100, 100-200,200-300. RUN #2- TOTAL TIME- SMALL KICKS=1 MSEC., LARGE KICKS=10 MSEC. RUN #3- CLEAN OUT TRIP BETWEEN DIFL & BHC RUNS. TOTAL TIME-SMALL KICKS=1 MSEC.,LARGE KICKS=10 MSEC. G.R. LOGGING SENS=469. REPEAT #2 IS 12' DEEP. T.D. PICKED OFF REPEAT #1 BECAUSE ON MAIN PASS 1700# OVERLINE WEIGHT WAS PULLED WHEN COMING OFF THE BOTTOM. ALSO RESULTED IN G.R. QUITTING AND MAIN PASS BEING 2' DEEP. UNCALIBRATED CALIPER LOG RUN ABOVE 6500' TO ASSIST IN CORRELATION TO CN/CDL LOG. CALIPER LOG IS OFF DEPTH BELOW 6500'. RUN #4- SCALE FOR REPEAT #2 IS 50-150 FOR ACOUSTIC TIME. G.R. LOGGING SENS=714, T.C.=1. RUN #5- REPEAT #2 LOGGED GOING DOWN HOLE AND IS 15' DEEP.

EQUIPMENT DATA

	RUN NO. 1				RUN NO. 2				RUN NO. 3			
	BHC	Caliper	GR	Neutron	BHC	Caliper	GR	Neutron	BHC	Caliper	GR	Neutron
Tool Series No.	1604		1309		1604		1309		1604	1940	1309	
Serial No.	49471		52589		42025		52589		49471	26082	52590	
Diameter	3 1/2"		3 5/8"		3 1/2"		3 5/8"		3 1/2"	3 5/8"	3 5/8"	
Tool Position	CENT.		CENT.		CENT.		CENT.		CENT.	CENT.	CENT.	
Detect. Model No.			D7G2				D7G2				D7G2	
Type			SCINT.				SCINT.				SCINT.	
Length			6"				6"				6"	
Source Model No.												
Serial No.												
Type												
Strength												
Panel Series No.	1656		3621		1656		3621		1656	3621	3621	
Serial No.	36648		37305		36648		37305		36648	37305	37305	

	RUN NO. 4				RUN NO. 5				RUN NO. 6			
	BHC	Caliper	GR	Neutron	BHC	Caliper	GR	Neutron	BHC	Caliper	GR	Neutron
Tool Series No.	1604	1940	1309		1603		1309					
Serial No.	49471	26082	52589		42025		41772					
Diameter	3 1/2"	3 5/8"	3 5/8"		3 1/2"		3 5/8"					
Tool Position	CENT.	CENT.	CENT.		CENT.		CENT.					
Detect. Model No.			D7G2				D7G2					
Type			SCINT.				SCINT.					