69-0021-0

State

DUAL INDUCTION - LATEROLOG

COUNTY
FIELD or LOCATION
WELL
COMPANY

COMPANY ARCO-HORCO Office HWK

WELL LAKE STATE NO. 1

CONFIDENTIAL

FIELD WILDCAT

COUNTY ARCTIC SLOPE STATE UMIAT ALASKA

LOCATION 2480' FNL 2640' FEL

5002920012-00

Sec. 24 Twp. 10N Rge. 15E-UPM

Other Services: FDC, PML, BHC-GR HRD, CST, SRS

Permanent Datum: GL, Elev. 31

Log Measured From KB, 19 Ft. Above Perm. Datum

Drilling Measured From KB

Elev.: K.B. ~~50~~ 51.8 D.F. G.L. 31

Date	6/5/69	6/30/69		
Run No.	ONE	TWO		
Depth—Driller	9634	10,002		
Depth—Logger	9634	10,002		
Btm. Log Interval	9630	9999		
Top Log Interval	2028	9158		
Casing—Driller	13-3/8 @ 2026	9-5/8 @ 9150	@	@
Casing—Logger	2028	9158		
Bit Size	12-1/4	8-1/2		
Type Fluid in Hole	XC POLMER	XC POLMER		
Dens. / Visc.	82 / 51	78 / 50		
pH / Fluid Loss	8.8 / 3.2ml	10.0 / 4.4ml	ml	ml
Source of Sample	CIRC.	CIRC.		
R_m @ Meas. Temp.	3.69 @ 58 °F	.778 @ 63°F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.67 @ 60 °F	.869 @ 49°F	@ °F	@ °F
R_{mc} @ Meas. Temp.	4.58 @ 60 °F	.40 @ 150°F	@ °F	@ °F
Source: R_{mf} R_{mc}	M / M	M / C		
R_m @ BHT	@ 190°F	.327 @ 150°F	@ °F	@ °F
Time Since Circ.		3-1/2 HRS.		
Max. Rec. Temp.	190°F	150°F	°F	°F
Equip. / Location	C-307 / 4614	C-307 / ALASKA		
Recorded By	BAKER	BAKER		
Witnessed By	BAKER	BAKER		

19-0209-11

FOLD HERE

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

REMARKS

Changes in Mud Type or Additional Samples

Date	Sample No.		
Depth—Driller			
Type Fluid in Hole			
Dens. / Visc.			
ph / Fluid Loss		ml	
Source of Sample			
R_m @ Meas. Temp.	@ °F	@ °F	
R_{mf} @ Meas. Temp.	@ °F	@ °F	
R_{mc} @ Meas. Temp.	@ °F	@ °F	
Source: R_{mf} R_{mc}			
R_m @ BHT	@ °F	@ °F	
R_{mf} @ BHT	@ °F	@ °F	
R_{mc} @ BHT	@ °F	@ °F	

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Tool Position	Other

Run No.:	ONE TWO
C.D.:	YES
S.O.:	1-1/2" 1.5"
Equip. PANEL No.:	C-131 29-A
Used: CART. No.:	B-91 114-B
SONDE No.:	B-144 126-B
IAP No.:	B-128 97-D
S.B.R.:	2.0 2

Check one, filling in blanks where applicable:

- ☒ Surface determined sonde errors used for ILM and ILD.
- ☐ ILM and ILD sonde errors corrected for inch borehole signal at R_m =
- ☐ ILM and ILD zeros set in hole at depth of feet.

RESISTIVITY ohms. m^2/m

LATEROLOG — 8

MEDIUM INDUCTION LOG

DEPTHS

SPONTANEOUS-POTENTIAL millivolts

10