3-01-64ANC091021

SCHLUMBERGER INDUCTION-ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY OUTPOST AREA
FIELD or LOCATION BLK. 1 5S 5E
WELL SHALE WALL #1
COMPANY BP EXPLORATION

COMPANY BP EXPLORATION CO.(ALASKA), INC.

WELL SHALE WALL UNIT #1

FIELD WILDCAT

CONFIDENTIAL

COUNTY OUTPOST AREA STATE ALASKA

LOCATION 5000'N & 3550'W FROM SE CORNER

Sec. BLK. 1 Twp. 5S Rge. 5E

Other Services: ML, SL, CDM, FDL, GRN, T, CBL

Permanent Datum: G.L., Elev. 748
Log Measured From K.B., Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 763
D.F.
G.L. 748

Date	1-25-64	2-19-64	2-27-64	3-2-64
Run No.	-1-	-2-	-3-	-4-
Depth—Driller	1130	3077	3796	4026
Depth—Logger	1122	3082	3796	4026
Btm. Log Interval	1121	3081	3795	4025
Top Log Interval	111	1126	3081	3795
Casing—Driller	13 3/8" @ 111	9 5/8 @ 1127	9 5/8 @ 1127	9 5/8 @ 1127
Casing—Logger	111	1126	1126	1126
Bit Size	12 1/4"	8 3/4"	8 3/4"	8 3/4"
Type Fluid in Hole	LIGNO SULFANATE	LIGNO SULFANATE	LIGNO SULFANATE	LIGNO SULFANATE
Dens. / Visc.	10.7 / 54	12.6 / 47	12.6 / 49	12.6 / 53
pH / Fluid Loss	11 / 1.2 ml	9.5 / 1.0 ml	11.0 / 1.0 ml	11.0 / 0.8 ml
Source of Sample	FLOWLINE	FLOWLINE	FLOWLINE	FLOWLINE
R_m @ Meas. Temp.	1.2 @ 50°F	1.29 @ 75 °F	1.41 @ 69 °F	1.40 @ 71 °F
R_{mf} @ Meas. Temp.	0.98 @ 44°F	0.78 @ 75 °F	0.81 @ 69 °F	0.84 @ 71 °F
R_{mc} @ Meas. Temp.	1.5 @ 44°F	1.36 @ 75 °F	1.44 @ 69 °F	1.51 @ 71 °F
Source: R_{mf} R_{mc}	M / M	M / M	M / M	M / M
R_m @ BHT	1.2 @ 50°F	1.29 @ 76 °F	1.16 @ 78 °F	1.21 @ 80 °F
Time Since Circ.	3 1/2 HRS.	5 HRS.	5 HRS.	2 HRS.
Max. Rec. Temp.	50 °F	76 °F	78 °F	80 °F
Equip. / Location	A-5 / ALASKA	A-5 / ALASKA	A-5 / ALASKA	A-5 / ALASKA
Recorded By	NESS	KAUFFMAN	KAUFFMAN	KAUFFMAN
Witnessed By	HERRERA	HERRERA	HERRERA	HERRERA

FOLD HERE

REMARKS

Changes in Mud Type or Additional Samples

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

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	6FF40	STAND-OFF	
2	"	" "	
3	"	" "	
4	"	" "	

	-1-	-2-	-3-	-4-
Run No.:	-1-	-2-	-3-	-4-
C.D.:	USED	USED	USED	USED
S.O.:	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Equip. Used: CART. No.:	IRC-F 140	IRC-F 87	IRC-F 87	IRC-F 87
PANEL No.:	IRP-F 258	IRP-F 228	IRP-F 228	IRP-F 228
SONDE No.:	IRS-M 191	IRS-M 253	IRS-M 253	IRS-M 253
S.B.R.:	4	4	4	4

SPONTANEOUS POTENTIAL millivolts: 10 (− ↔ +)

DEPTHS

RESISTIVITY ohms-m²/m

A-16"-M SHORT NORMAL	
0	50
0	500

CONDUCTIVITY millimhos/m = 1000 / ohms-m²/m

6 FF40 INDUCTION	
200	0
400	200

GL 748