CEMENT BOND LOG

Schlumberger

COMPANY	AKZO SALT, INC.		
WELL	INTERNATIONAL SALT NO. 58		
FIELD	WATKINS GLEN		
COUNTY	SCHUYLER	STATE	NEW YORK

COUNTY	SCHUYLER
FIELD	WATKINS GLEN
LOCATION	
WELL	INTERNATIONAL SALT NO. 58
COMPANY	AKZO SALT, INC.

Other Services: CBL, GR, CCL

API SERIAL NO.	SECT.	TWP.	RANGE
31-097-21467	N/A	READING	N/A

Permanent Datum	GROUND LEVEL	Elev. 812.7 F	Elev.: K.B. 826.0 F
Log Measured From	CASING FLANGE 2.0 F above Perm. Datum		D.F. 825.0 F
Drilling Measured From	CASING FLANGE		G.L. 812.7 F

Date	17-NOV-1992		
Run No.	ONE		
Depth Driller	2642.0 F		
Depth Logger (Schl)	2642.0 F		
Btm. Log Interval	2165.0 F		
Top Log Interval	0.0 F		
Type Fluid in Hole	BRINE		
Salinity NaCl			
Density	10.00 LB/G		
Fluid Level			
Max. Rec. Temp.	83.0 DEGF		
Deviation			
Logger on Bottom	SEE LOG		
Equip. / Location	8317	BRADFORD,PA	
Recorded By	OCONNOR		
Witnessed By	MR. MIKE SCHUMACHER		
BOREHOLE RECORD			
Bit Size	12 1/4		
Depth	2642.0 F		
CASING & TUBING RECORD			
Size	9 5/8	13 3/8	
Weight	36.0000 LB/F		
Casing Top-Driller			
Casing Top-Logger			
Casing Shoe-Driller	2165.0 F	164.0 F	
Casing-Logger	2165.0 F	164.0 F	

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

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 interpretations 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.

Run No.	ONE	
Service Order No.	438609	
Logging Speed	1800.0 F/HR	
EQUIPMENT DATA		
Tool Number 1	SLS-WA 1249	
Tool Number 2	SDC-CB 617	
Tool Number 3	SGC-SA 1026	
Tool Number 4	TCC-B 228	
Tool Number 5	WDM-AA 423	
Tool Number 6	STM-CB 521	
Tool Number 7	TCM-AB 1041	
Tool Number 8	-	
Tool Number 9	-	
Tool Number 10	-	
Tool Number 11	-	
Tool Number 12	-	

REMARKS:
THANK YOU FOR USING SCHLUMBERGER!!
CREW: FAY BOWEN, SCUBBY
RIG: CRANE
LOG ZERO AT CASING FLANGE
LOG RUN UNDER 270 PSI

TENS(LBF) 5000.0 – 0.0
CCL .50000 – .51000
TT(US) 400.00 – 200.00
GR(GAPI) 0.0 – 100.00
CCL -19.00 – 1.0000
BI 1.0000 – .50000
CBLF(MV) 0.0 – 100.00
CBLF(MV) 0.0 – 20.000
VDL(US) 200.00 – 1200.0
BACKUP GAMMA RAY
GOOD BOND

CP 32.6 FILE 3 17-NOV-1992 13:10 (UP)

5"/100'

CCL 35.9 FEET

PARAMETERS

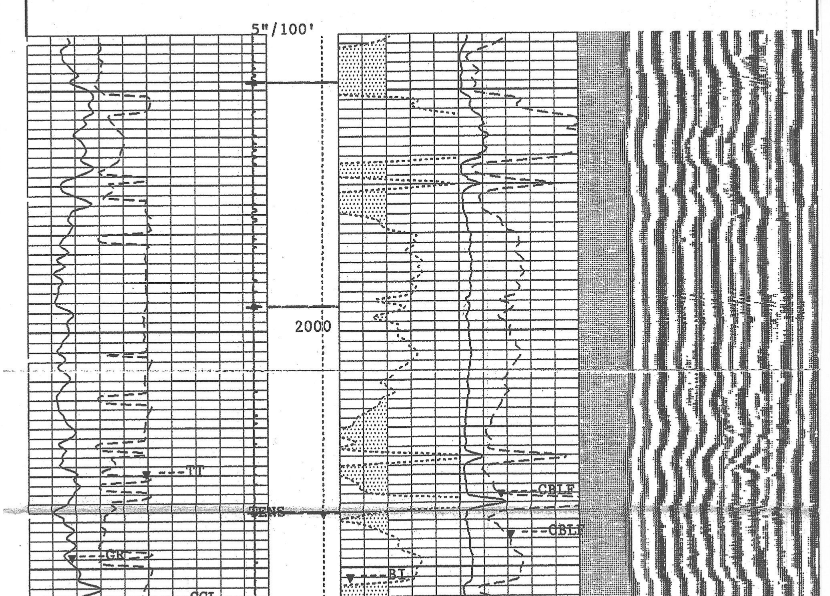
NAME	VALUE	UNIT	NAME	VALUE	UNIT
SMB	ALLO		NCJT	GSRY	
CSTR	1500.00	PSIA	CWEI	36.0000	LB/F
MSA	4.70000	MV	TOCA	DISA	
MODE	CBL		DETE	E1	
MGAI	4000.00		AGC	ALLO	
GAI	40.0000		SGAD	ALLO	
SGW	80	US	NMSG	295	US
AMSG	180	US	CBLG	40	US
SLC	C		SLS	WA	
SPLE	0	IN	RATE	15	HZ
SOAD	AUTO		DDEL	200	US
DSIN	5	US	DWCO	200	
WFM	VDL		VDLM	UTFR	
VDLG	800.000		FCF	1.00000	
BS	12.2500	IN	RW	.0350000	OHMM
BHS	CASE		CSIZ	9.62500	IN

REPEAT SECTION

TENS(LBF) 5000.0 – 0.0
CCL .50000 – .51000
TT(US) 400.00 – 200.00
GR(GAPI) 0.0 – 100.00
CCL -19.00 – 1.0000
BI 1.0000 – .50000
CBLF(MV) 0.0 – 100.00
CBLF(MV) 0.0 – 20.000
VDL(US) 200.00 – 1200.0
BACKUP GAMMA RAY
GOOD BOND

CP 32.6 FILE 2 17-NOV-1992 12:12 (UP)

5"/100'



5"/100'

CP 32.6 FILE 2 17-NOV-1992 12:03 (UP)

BACKUP GAMMA RAY
GOOD BOND

TENS(LBF) 5000.0 – 0.0
CCL .50000 – .51000
TT(US) 400.00 – 200.00
GR(GAPI) 0.0 – 100.00
CCL -19.00 – 1.0000
BI 1.0000 – .50000
CBLF(MV) 0.0 – 100.00
CBLF(MV) 0.0 – 20.000
VDL(US) 200.00 – 1200.0

SENSOR MEASURE POINT TO TOOL ZERO

TSL	8.2	FEET	CBSL	8.2	FEET
TFS	7.2	FEET	CBFS	7.2	FEET
TT	8.2	FEET	CBL	8.2	FEET
TENS	6.2	FEET	GR	29.2	FEET
CC	35.9	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
SMB	ALLO		NCJT	GSRY	
CSTR	1500.00	PSIA	CWEI	36.0000	LB/F
MSA	4.70000	MV	TOCA	DISA	
MODE	CBL		DETE	E1	
MGAI	4000.00		AGC	ALLO	
GAI	40.0000		SGAD	ALLO	
SGW	80	US	NMSG	295	US
AMSG	180	US	CBLG	40	US
SLC	C		SLS	WA	
SPLE	0	IN	RATE	15	HZ
SOAD	AUTO		DDEL	200	US
DSIN	5	US	DWCO	200	
WFM	VDL		VDLM	UTFR	
VDLG	800.000		FCF	1.00000	
BS	12.2500	IN	RW	.0350000	OHMM
BHS	CASE		CSIZ	9.62500	IN

COMPANY	AKZO SALT, INC.		SCHL. FR	2165.0 F
WELL	INTERNATIONAL SALT NO. 58		SCHL. TD	2642.0 F
FIELD	WATKINS GLEN		DRLR. TD	2642.0 F
COUNTY	SCHUYLER	STATE NEW YORK	Elev: KB	826.0 F
			DF	825.0 F
			GL	812.7 F

Schlumberger

CEMENT BOND LOG