Schlumberger

DUAL INDUCTION-SFL

WITH LINEAR CORRELATION LOG

RUN NO. ONE

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL QUASAR 29-14 CROWN ZELLERBACH

FIELD WILDCAT

COUNTY COLUMBIA STATE OREGON

Other Services: BHC-GR

Permanent Datum: GROUND LEVEL Elev. 566.9

Log Measured From: KELLY BUSHING 10 Ft. Above Perm. Datum

Drilling Measured From: KELLY BUSHING

	Run No.	ONE
Date		7-11-72
Depth-Driller		2975
Depth-Logger		2980
Bottom Logged Interval		2978
Top Logged Interval		SURFACE
Type Fluid in Hole		CHEM. GEL
Salinity, PPM Cl		1000
Density		9.2
Level		FULL
Max. Rec. Temp. Deg. F.		120
Operating Rig Time		12 HRS
Recorded By		R. ZELLERBACH
Witnessed By		AMERICAN QUASAR

Run No.	Bit From	Bit To	Size	Type	Size From	Size To	Weight	Viscosity	Fluid Loss	Source of Sample	R_m @ Meas. Temp.	R_mf @ Meas. Temp.	R_mc @ Meas. Temp.	Rm @ BHT	Time Since Circ.	Max. Rec. Temp. Deg. F.	Equip. Location	Recorded By	Witnessed By
ONE	2975	2980	7 7/8		SURFACE	2975	9.2	40	10.8	MUD PIT	.75 @ 70	.65 @ 70		.55 @ 120	12 HRS	120		R. ZELLERBACH	AMERICAN QUASAR

Rm @ Meas. Temp.	.75 @ 70		
Rmf @ Meas. Temp.	.65 @ 70		
Rmc @ Meas. Temp.			
Rm @ BHT	.55 @ 120		

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

Loc. No.	1
Service Order No.	72211
Fluid Level	FULL
Salinity ppm. cl	--
Level F.P.M.	720

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Cam-Sp. No.	7AU
Cam-Gn. No.	DA-150
Sonde No.	DA-85
Axm. Panel No.	A--
G.R. Panel No.	--
G.R. Cart No.	--
Tape Recorder - (TYP)	--
Depth Encoder - (SME)	--
Depth Encoder - (CPM)	--
Type Connectors	--
Stand Off - Inches	--

REMARKS

CALIBRATION DATA

SIB	F
Sonde Error - ILM	16.5
Sonde Error - ILD	4.9
G.R. Scale per 100 Div.	--
G.R. Source - CPS	--
S.E. Set in Hole - Depth	--
S.E. Corr. - Hole Size	--

LOGGING DATA

SIB	F
Sonde Error - ILM	16.5
Sonde Error - ILD	4.9
G.R. Scale per 100 Div.	--
G.R. - T.C. Log	--

	-9		-9		-9		-9
	-9		-9		-9		-9
	-9		-9		-9		-9

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 interpretation 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.

SPONTANEOUS POTENTIAL

MILLIVOLTS

RESISTIVITY OHMS, M²/M

DEEP INDUCTION R_{ID}

SPHERICALLY FOCUSED LOG R_{SFL}

AMP. SPHERICALLY FOCUSED LOG

CONDUCTIVITY MILLIMHOS/M

DEEP INDUCTION

DEPTH

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COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL QUASAR 29-14 CROWN ZELLERBACH

FIELD WILDCAT

COUNTY COLUMBIA STATE OREGON

SCHL FB 2975
SCHL TD 2980
DRLR TD 2980

Elev.: KB 576.9
DF --
GL 566.9