Schlumberger

DUAL INDUCTION-SFL WITH LINEAR CORRELATION LOG

COUNTY: COLUMBIA
FIELD: WILDCAT
LOCATION: 29-6N-4W
WELL: QUASAR 29-14 CROWN ZELLERBACH
COMPANY: AMERICAN QUASAR

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FIELD: WILDCAT

COUNTY: COLUMBIA STATE: OREGON

RECEIVED PTLD JAN 23 1980 DEPT. OF GEOLOGY & MINERAL INDUS.

LOCATION: 251'NSL & 819'EWL

API SERIAL NO. | SEC. 29 | TWP. 6N | RANGE 4W

Other Services: BHC, FDC/CNL/GR, CYBERLOOK

Permanent Datum: GL ; Elev.: 566.9
Log Measured From: KB 10 Ft. Above Perm. Datum
Drilling Measured From: KB

Elev.: K.B. 576.9, D.F. --, G.L. 566.9

Date	11-1-79			
Run No.	ONE			
Depth—Driller	2880			
Depth—Logger (Schl.)	2881			
Btm. Log Interval	2875			
Top Log Interval	508			
Casing—Driller	7" @ 508	@	@	@
Casing—Logger	508			
Bit Size	6¼"			
Type Fluid in Hole	GEL			
Dens. / Visc.	9.4 / 58			
pH / Fluid Loss	10.8 / 7 ml	ml	ml	ml
Source of Sample	CIRCULATED			
Rm @ Meas. Temp.	2.56 @ 76 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	3.20 @ 58 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	3.34 @ 60 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	M / M			
Rm @ BHT	2.05 @ 95 °F	@ °F	@ °F	@ °F
TIME: Circulation Stopped	1400			
TIME: Logger on Bottom	1730			
Max. Rec. Temp.	95 °F	°F	°F	°F
Equip. / Location	8126 / SAC			
Recorded By	ANDERSEN			
Witnessed By Mr.	LONG			

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

Run No.	ONE			
Service Order No.	31611			
Fluid Level	FULL			
Salinity ppm. cl	--			
Speed F.P.M.	70			
EQUIPMENT DATA				
Panel No.	CSU			
Cartridge No.	DA-100			
Sonde No.	EA-83			
Mem. Panel No.	--			
G.R. Panel No.	--			
G.R. Cart No.	--			
Tape Recorder - (TTR)	--			
Depth Encoder - (DRE)	--			
Pressure Wheel - (CPM)	--			
Type Centralizers	--			
Stand Off - Inches	--			
CALIBRATION DATA				
SBR	1			
Sonde Error - ILM	16.5			
Sonde Error - ILD	4.9			
G.R. BKG. - CPS.	--			
G.R. Source - CPS.	--			
S.E. Set In Hole - Depth	--			
S.E. Corr. - Hole Size	--			
LOGGING DATA				
SBR	1			
Sonde Error Log - ILM	16.5			
Sonde Error Log - ILD	4.9			
G.R. Scale per 100 Div.	--			
G.R. - T.C. Log	--			
	-- °F	°F	°F	°F
	°F	°F	°F	°F
	°F	°F	°F	°F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS

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	DEPTH	RESISTIVITY OHMS. M²/M	CONDUCTIVITY MILLIMHOS/M
− 15 + MILLIVOLTS		DEEP INDUCTION R_{ILD}: 0 – 30; 0 – 300	DEEP INDUCTION: 1000 – 0
		SPHERICALLY FOCUSED LOG R_{SFL}: 0 – 30; 0 – 300	
		AMP. SPHERICALLY FOCUSED LOG: 0 – 6	

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COMPANY: AMERICAN QUASAR PETROLEUM COMPANY — SCHL. FR 2875
WELL: QUASAR 29-14 CROWN ZELLERBACH — SCHL. TD 2881; DRLR. TD 2880
FIELD: WILDCAT — Elev: KB 576.9
COUNTY: COLUMBIA STATE: OREGON — DF --; GL 566.9