Schlumberger

COMPUTER PROCESSED LOG

COMPANY: AMERICAN QUASAR PETROLEUM COMPANY
WELL: ADOBE FEDERAL 19-1
FIELD: WILDCAT
COUNTY: LINCOLN STATE: NEVADA
LOCATION: NE/SW 1980' FSL & 1980' FWL
ELEVATION KB 5012 DF GL 4990 API NO.

Schlumberger Cyberlook
WELLSITE COMPUTATION
A CSU Service

Date	10/10/79			
Run No.	ONE			
Depth—Driller	7706			
Depth—Logger	7690			
Btm. Log Interval	7683			
Top Log Interval	4750			
Casing—Driller	9 5/8 @ 2670	@	@	@
Casing—Logger	2669			
Bit Size	8 3/4			
Type Fluid in Hole	FGM			
Dens. / Visc.	8.9 / 50			
pH / Fluid Loss	10.0 / 12.6 ml	ml	ml	ml
Source of Sample	MUD TANK			
Rm @ Meas. Temp.	4.56 @ 58 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	5.75 @ 58 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	6.84 @ 58 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	M / C			
Rm @ BHT	2.24 @ 120 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0500			
TIME Logger on Bottom	----			
Max. Rec. Temp.	120 F	F	F	°F
Equip. / Location	6139 VERNAL			
Recorded By	GALES			
Witnessed By	SEELEY/SYLAR			

FOLD HERE

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 wilful 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. *A mark of Schlumberger.

COMPUTATION PARAMETERS

DEPTH	Rw Free	Rw Bound	GR Clean	GR Shale	SP Clean	SP Shale	NEUTRON Clean	NEUTRON Shale	SHALE INDEX USED GR/SP BOTH	Neutron Used Y/N	PMAX PHI MAX	MD Clean Matrix Density	DO Depth Offset Tape 1	DO2 Depth Offset Tape 2	SPDR SP Drift	MATA Neutron Matrix	BS Bit Size
7700	1.0	1.4	12	150	---	..	--	..	GR	--	.20	2.71	--	..	..	LIME	8 3/4
7580	1.2	2.0									.33						
7360	1.0	1.0															
7475	2.0	4.0	25	150								2.80					
7450	5.0	40									.22						
7280	1.0	4.0															
7125	0.4	.65		120							.38						
6920		.50															
[illegible]																	
6630	1.5	2.0									.22						
6525	0.4	1.0		165													
6480		1.5															
6415		0.8															
6050				225													
5885	1.0	2.5															

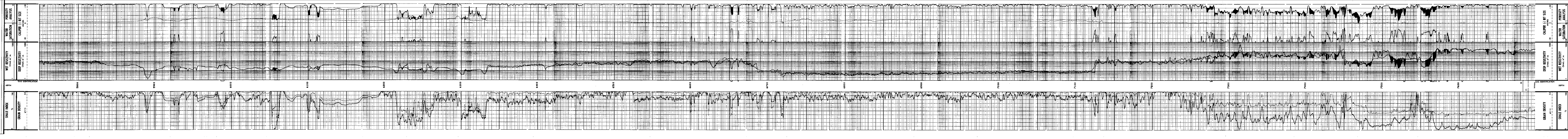
COMPUTATION CONSTANTS

MUD FILTRATE DENSITY = 8.9 POUNDS/GALLONS

REMARKS: Computation used the following logs: DIL-GR; CNL-FDC-GR

Service Order Number 11002

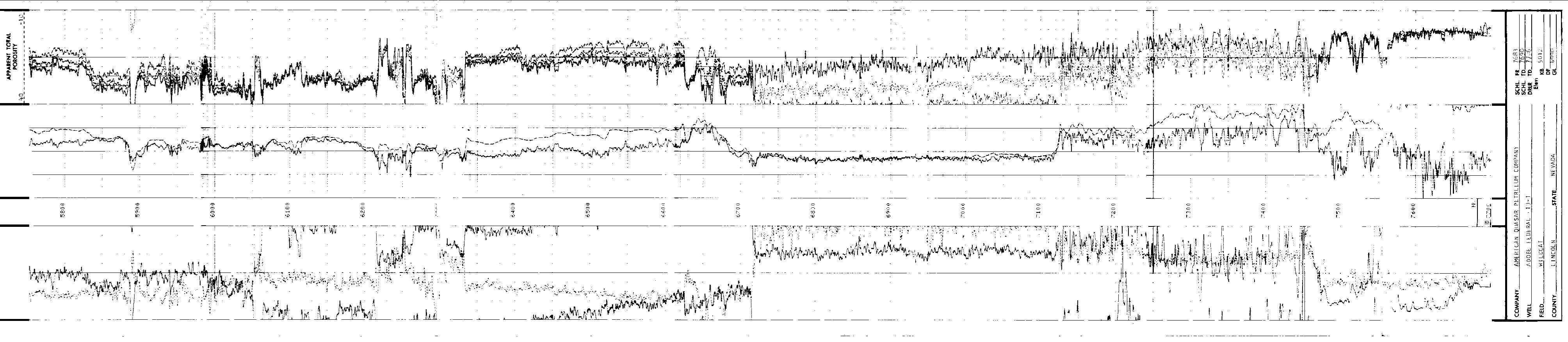
WATER SATURATION 100 – 0 | POROSITY ANALYSIS .25 – 0
CALIPER (-) BIT SIZE INCHES -20 – 0 – +20
WET RESISTIVITY OHMS. M²/M 1 – 1000
DEEP RESISTIVITY OHMS. M²/M 1 – 1000
GAS IDENTIFICATION
DEPTH
SHALE INDEX % 0 – 100
GRAIN DENSITY gm/cc 2.5 – 3.0



GRAIN DENSITY gm/cc 2.5 – 3.0
SHALE INDEX % 0 – 100
DEPTH
GAS IDENTIFICATION
DEEP RESISTIVITY OHMS. M²/M 1 – 1000
WET RESISTIVITY OHMS. M²/M 1 – 1000
CALIPER (-) BIT SIZE INCHES -20 – 0 – +20
WATER SATURATION 100 – 0 | POROSITY ANALYSIS .25 – 0

PASS ONE

POROSITY INDEX LIMESTONE MATRIX 2.71
COMPENSATED FORMATION DENSITY POROSITY 40 – -10
COMPENSATED NEUTRON POROSITY 40 – -10
APPARENT TOTAL POROSITY 40 – -10
RESISTIVITY OHMS. M²/M
APPARENT FORMATION RESISTIVITY 0.1 – 1.0 – 10 – 100 – 1000
APPARENT FLUID RESISTIVITY 0.01 – 0.1 – 1.0 – 10 – 100
DEPTH
BOREHOLE CORRECTED GAMMA RAY API UNITS 0
APPARENT GRAIN DENSITY GRAMS/CC 2.5 – 3.0



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SCHL. TD 7690
DRLR TD 7706
Elev: KB 5012
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