Schlumberger

COMPUTER PROCESSED LOG

COMPANY	AMERICAN QUASAR PETROLEUM COMPANY
WELL	QUASAR 29-14 CROWN ZELLERBACH
FIELD	WILDCAT
COUNTY	COLUMBIA
STATE	OREGON
LOCATION	251'NSL & 819'FWL
ELEVATION	KB. 576.9 DF -- GL 566.9 API NO.

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

Schlumberger Cyberlook
WELLSITE COMPUTATION
A CSU* Service

Date	11-1-79			
Run No.	ONE			
Depth—Driller	2880			
Depth—Logger	2865			
Btm. Log Interval	2865			
Top Log Interval	508			
Casing—Driller	7" @ 508	@	@	@
Casing—Logger	508			
Bit Size	6 1/4"			
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 11-1			
TIME Logger on Bottom	2030			
Max. Rec. Temp.	95 °F	°F	°F	°F
Equip. | Location	8126 | SAC			
Recorded By	ANDERSEN			
Witnessed By	LONG			

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 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. *A mark of Schlumberger.

COMPUTATION PARAMETERS

DEPTH	R_w		GR		SP		NEUTRON		SHALE INDEX USED		PMAX	MD	DO	DO2	SPDR	MATA	BS
	Free	Bound	Clean	Shale	Clean	Shale	Clean	Shale	GR/SP BOTH	Neutron Used Y/N	PHI MAX	Clean Matrix Density	Depth Offset Tape 1	Depth Offset Tape 2	SP Drift	Neutron Matrix	Bit Size
TD	.3	.4	--	--	-110	-30	--	--	--	--	50	S	--	--	.01	32	6¼
1830	.3	.5	--	--	-110	-30	--	--	--	--	50	S	--	--	.01	32	6¼
1230	.5	.6	--	--	-110	-30	--	--	--	--	50	S	--	--	.01	32	6¼
970	.7	.7	--	--	-110	-30	--	--	--	--	50	S	--	--	.01	32	6¼
800	.7	.8	--	--	-110	-30	--	--	--	--	50	S	--	--	.01	32	6¼

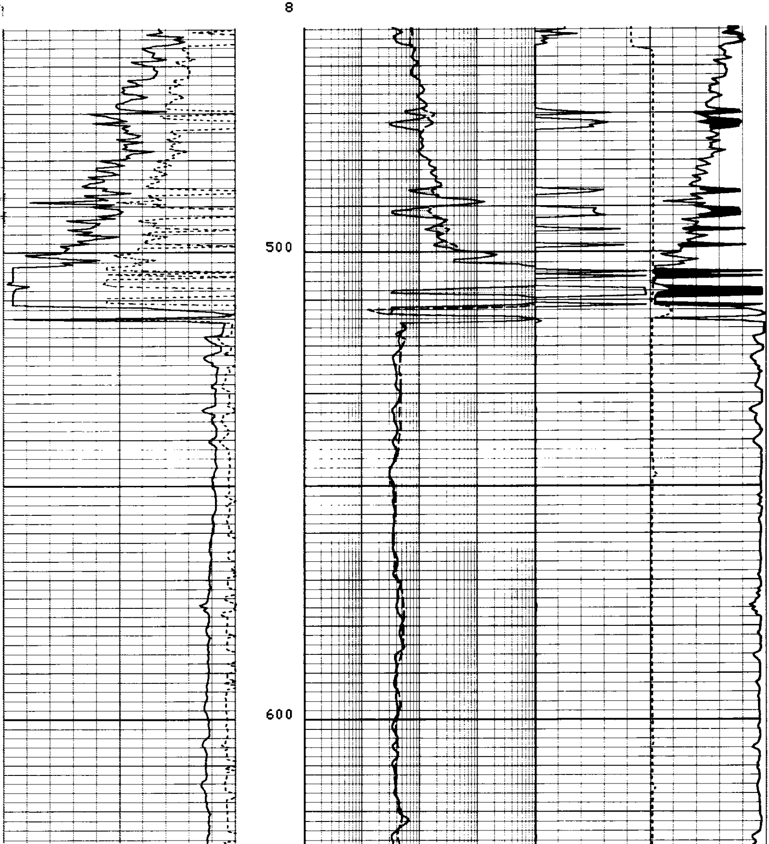
COMPUTATION CONSTANTS

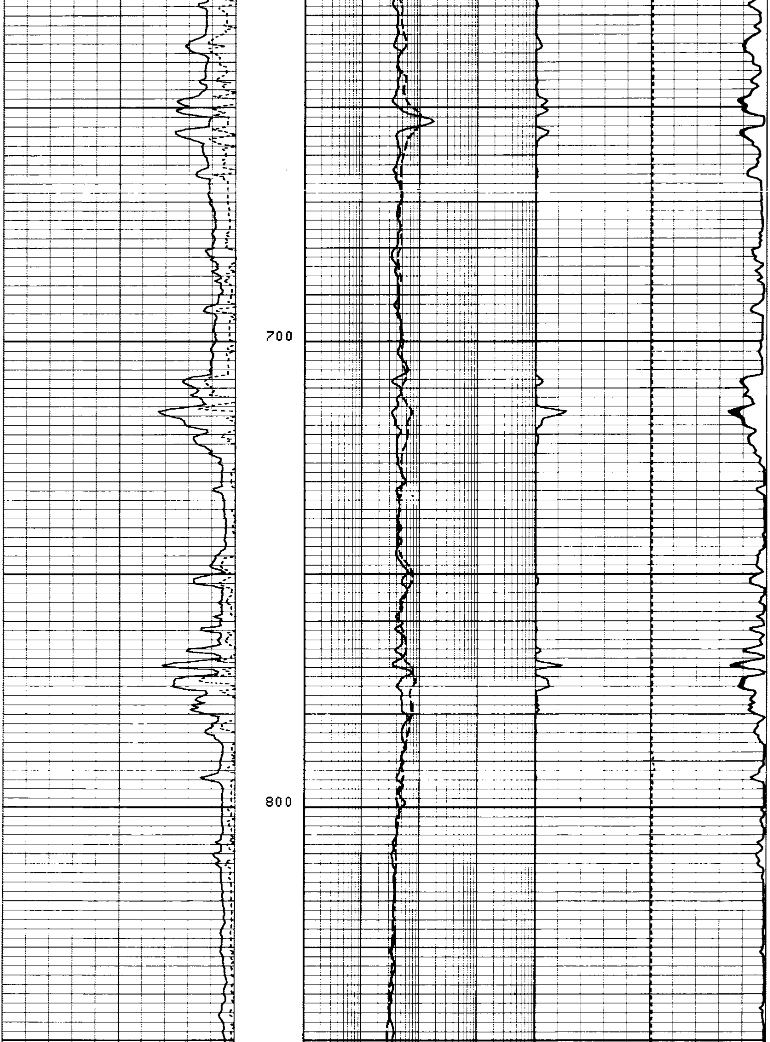
Service Order Number 31611

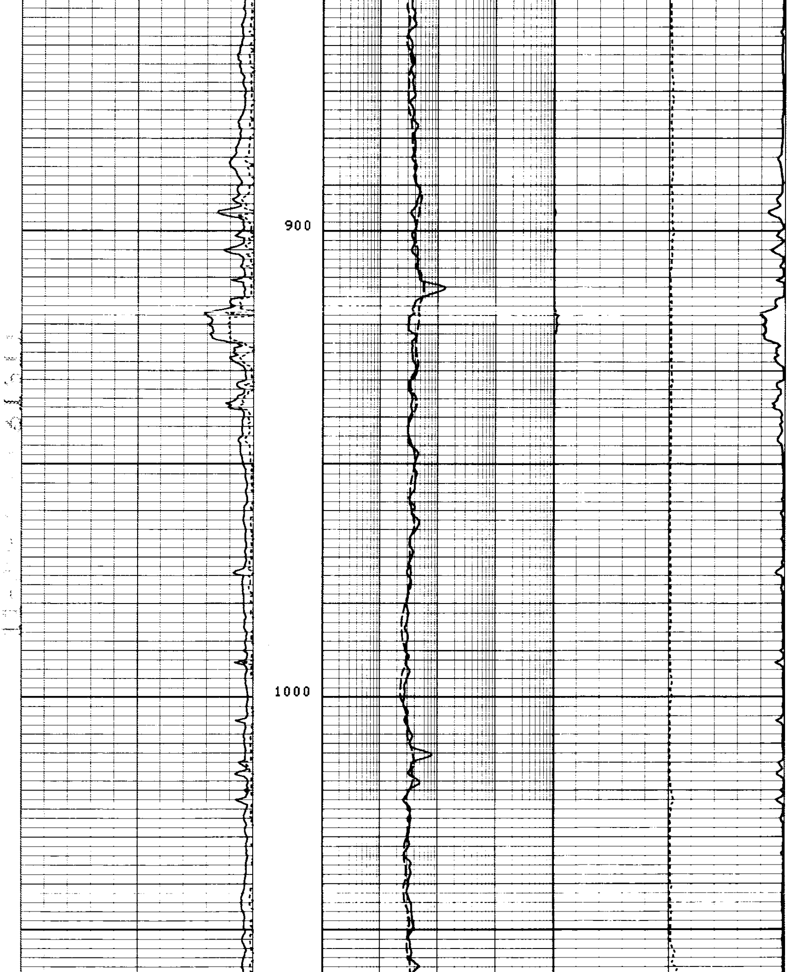
MUD FILTRATE DENSITY =

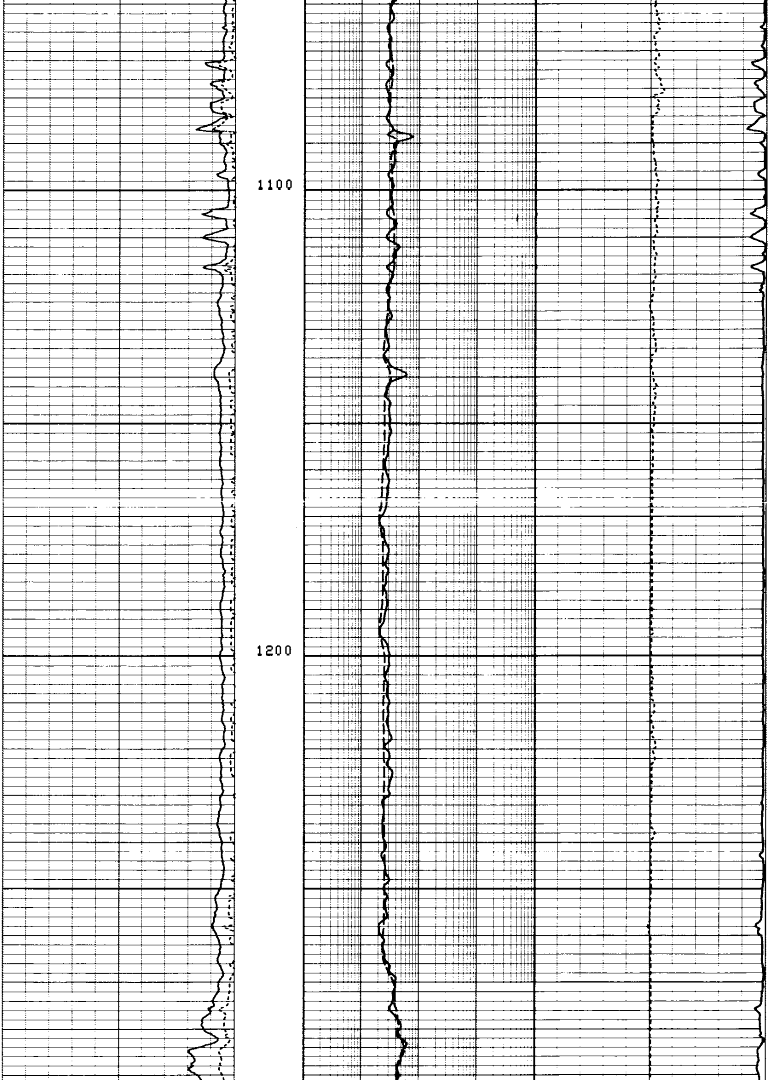
REMARKS: Computation used the following logs:

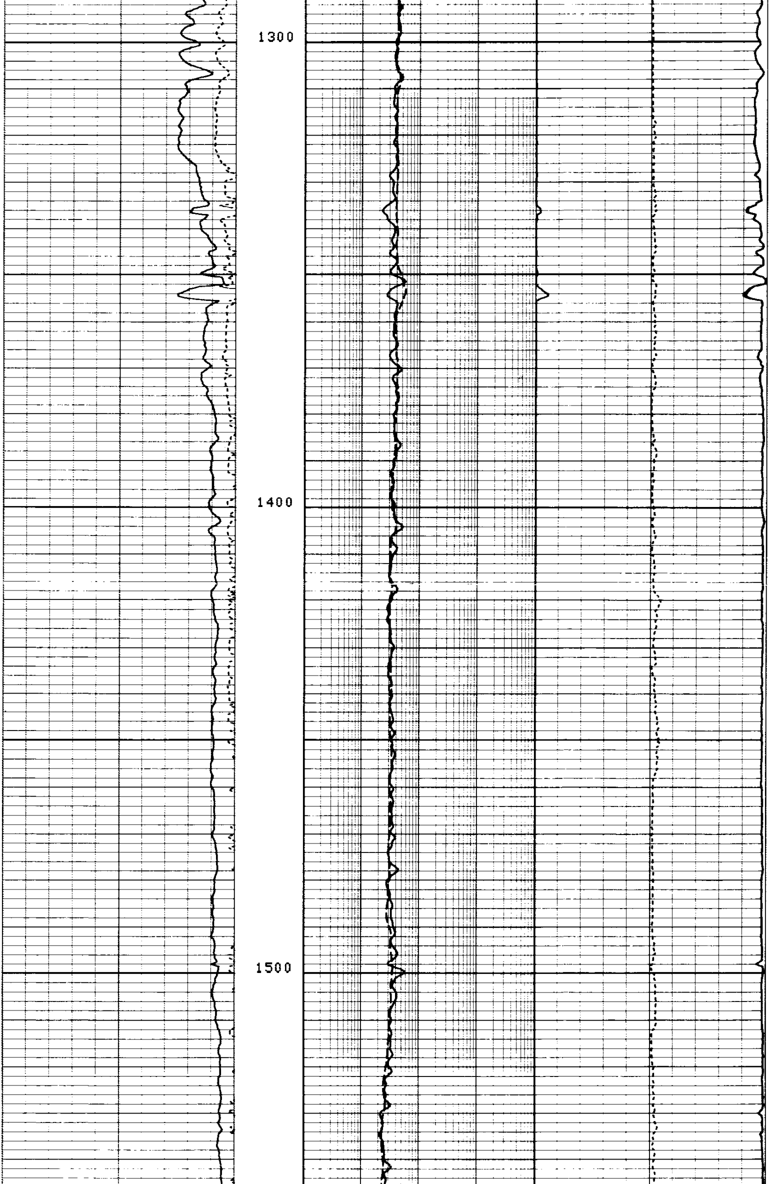
SHALE INDEX 0 % 100	DEPTH	**WET RESISTIVITY** OHMS. M^2/M .1 1000	**WATER SATURATION** 100 0	**POROSITY ANALYSIS** 50 0
GRAIN DENSITY 2.5 gm/cc 3.0	GAS IDENTIFICATION	**DEEP RESISTIVITY** OHMS. M^2/M .1 1000	**CALIPER (-) BIT SIZE** INCHES -20 0 +20	

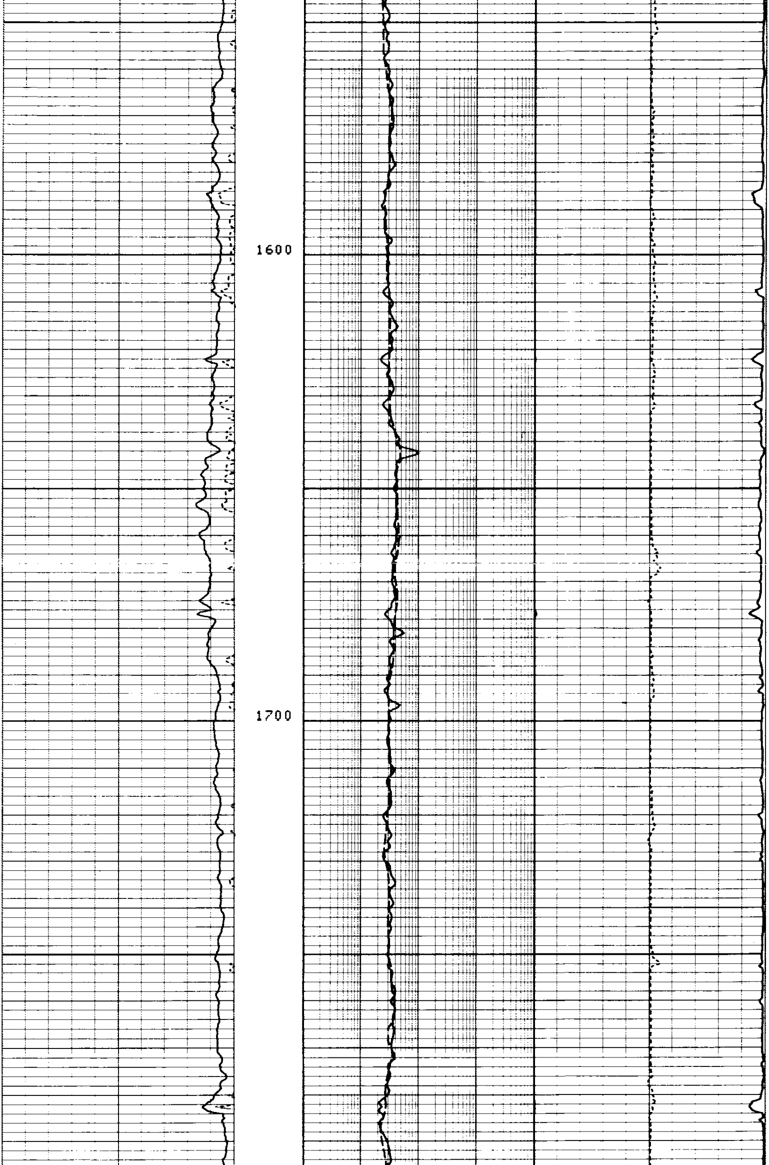


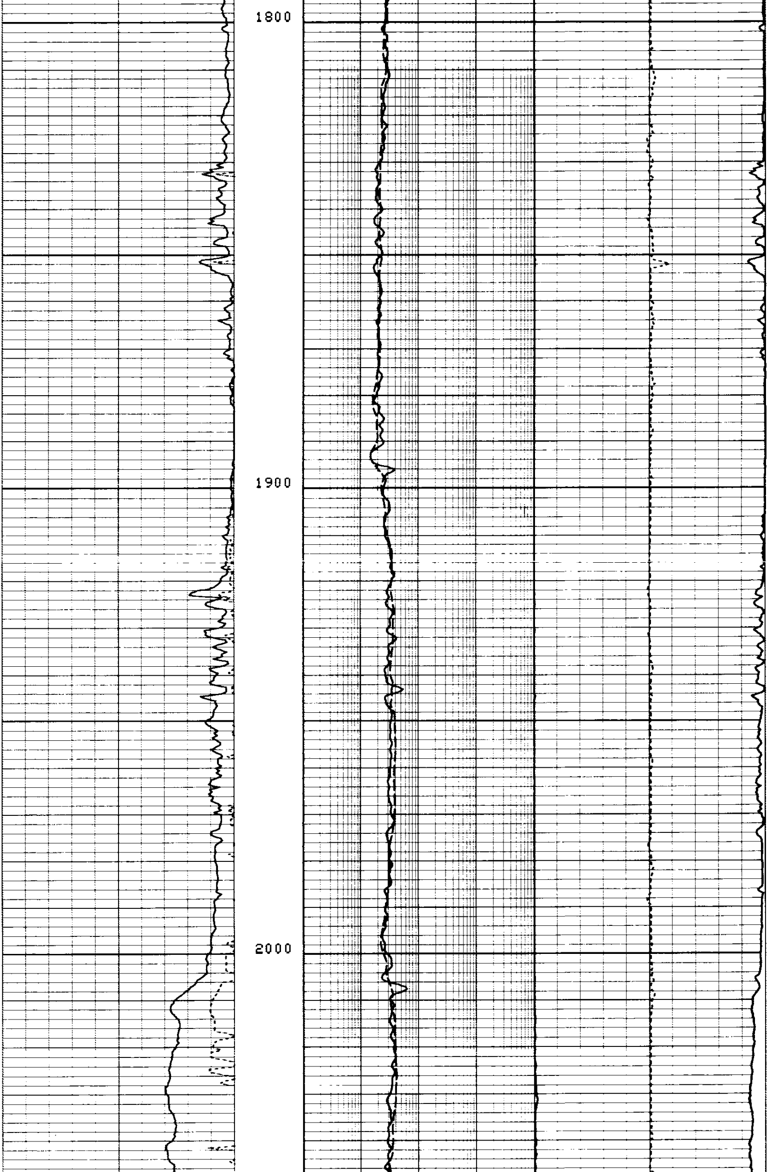


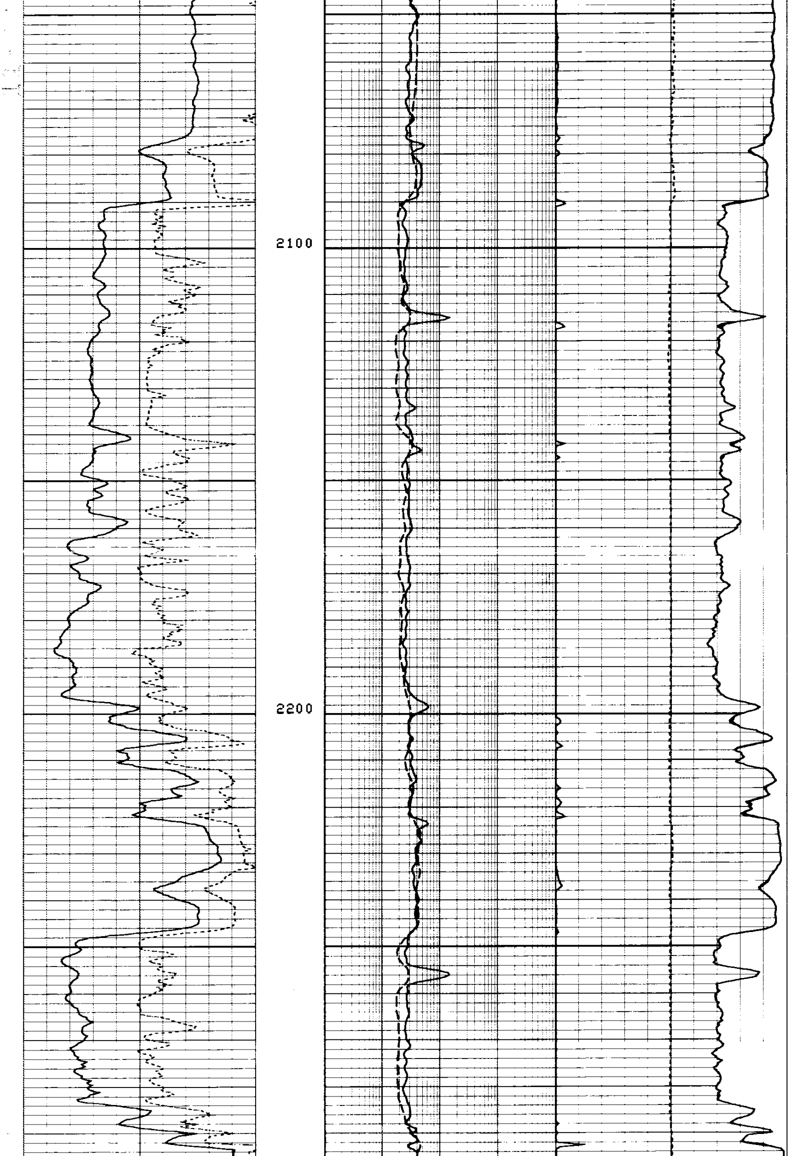


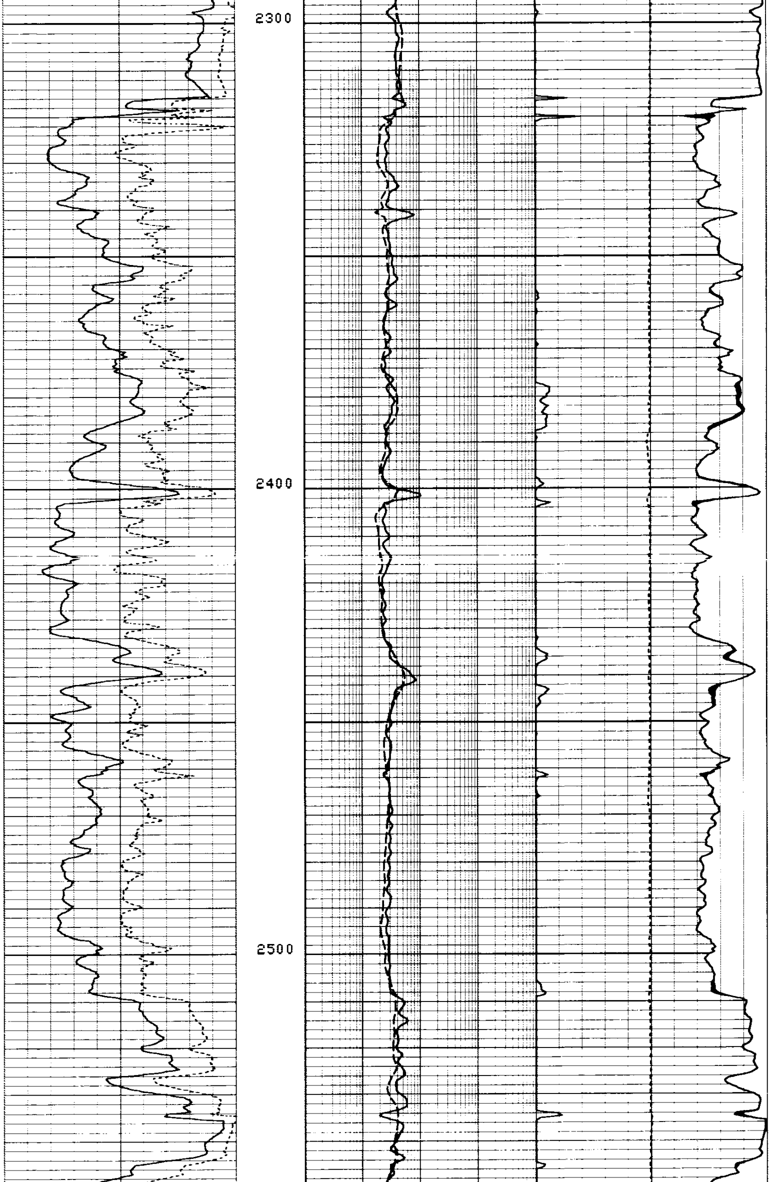


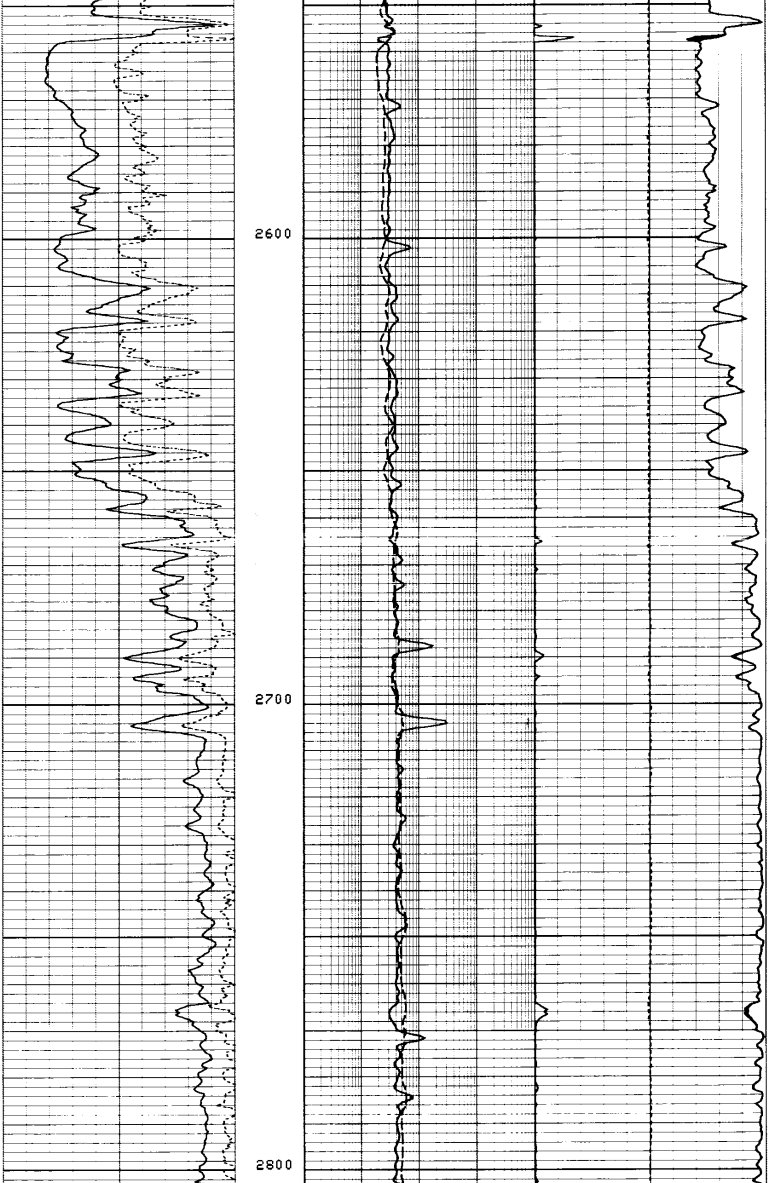


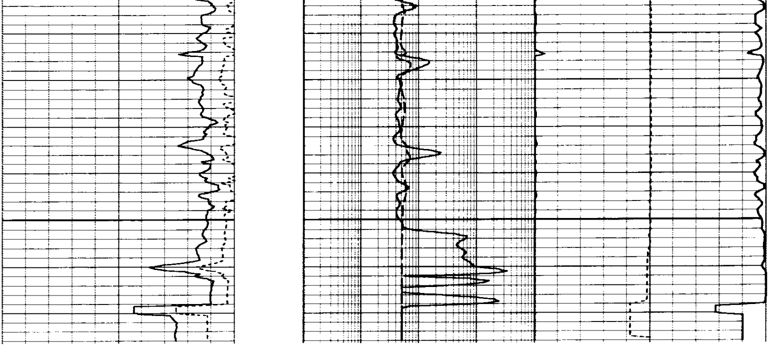












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GAS IDENTIFICATION

GRAIN DENSITY

2.5 gm/cc 3.0

DEEP RESISTIVITY

OHMS. M^2/M

.1 1000

CALIPER (-) BIT SIZE

INCHES

-20 0 +20

SHALE INDEX

0 % 100

DEPTH

WET RESISTIVITY

OHMS. M^2/M

.1 1000

WATER SATURATION

100 0

POROSITY ANALYSIS

50 0

PASS ONE

SPONTANEOUS POTENTIAL

MILLIVOLTS

− |←→| +
10

BOREHOLE CORRECTED GAMMA RAY

API UNITS

0 150

APPARENT GRAIN DENSITY

GRAMS/CC

2.5 3.0

DEPTH

RESISTIVITY OHMS. M^2/M

APPARENT FORMATION RESISTIVITY

0.1 1.0 10 100 1000

APPARENT FLUID RESISTIVITY

0.01 0.1 1.0 10 100

POROSITY INDEX

SANDSTONE MATRIX

COMPENSATED FORMATION DENSITY POROSITY

60 0

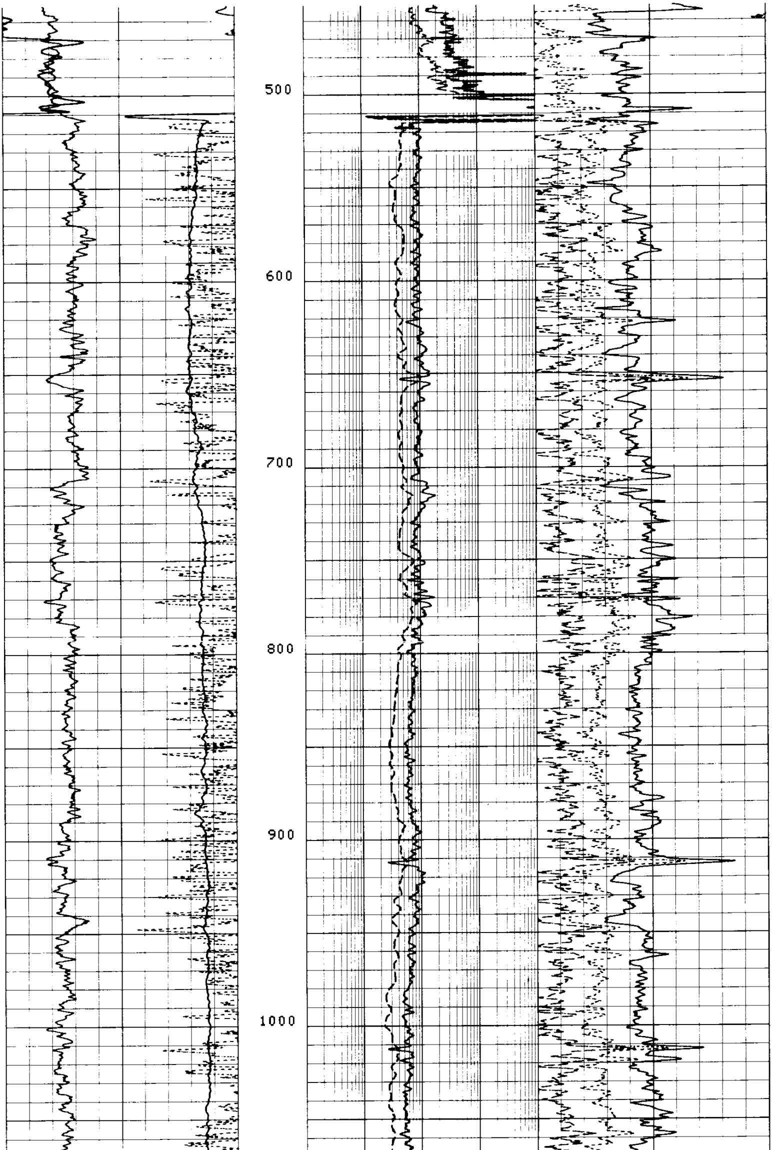
COMPENSATED NEUTRON POROSITY

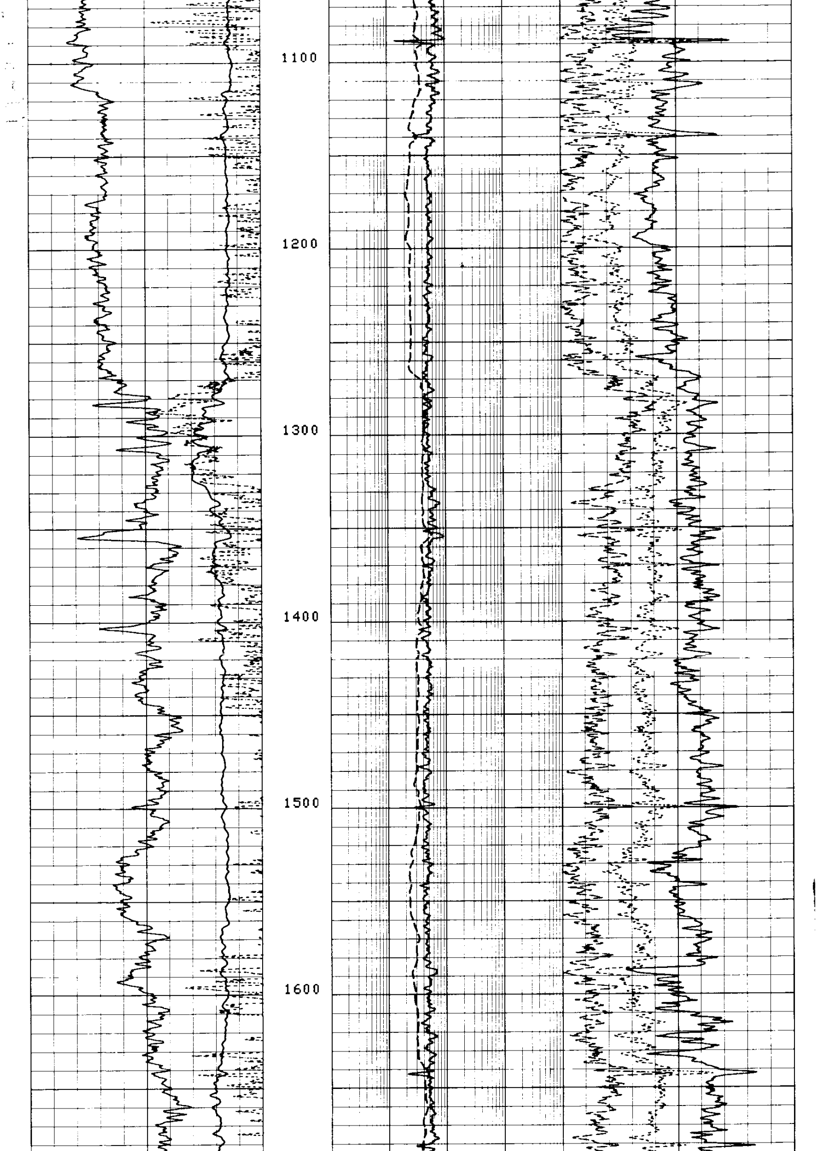
60 0

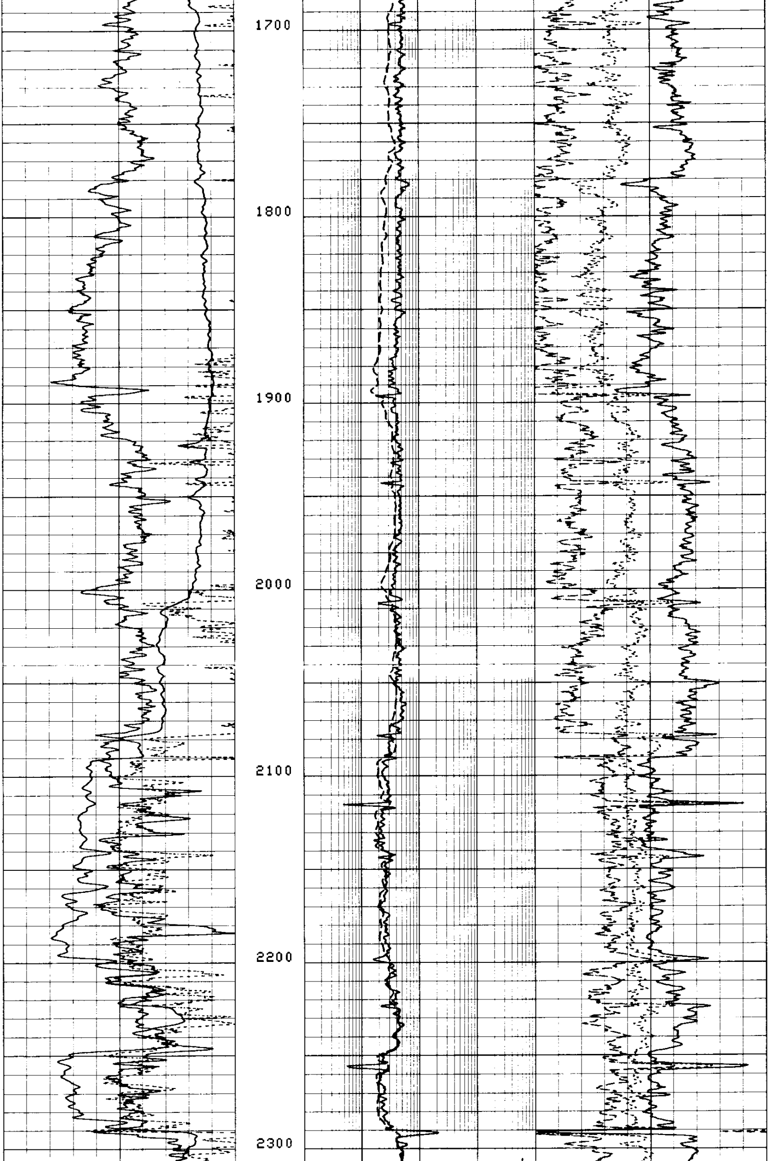
APPARENT TOTAL POROSITY

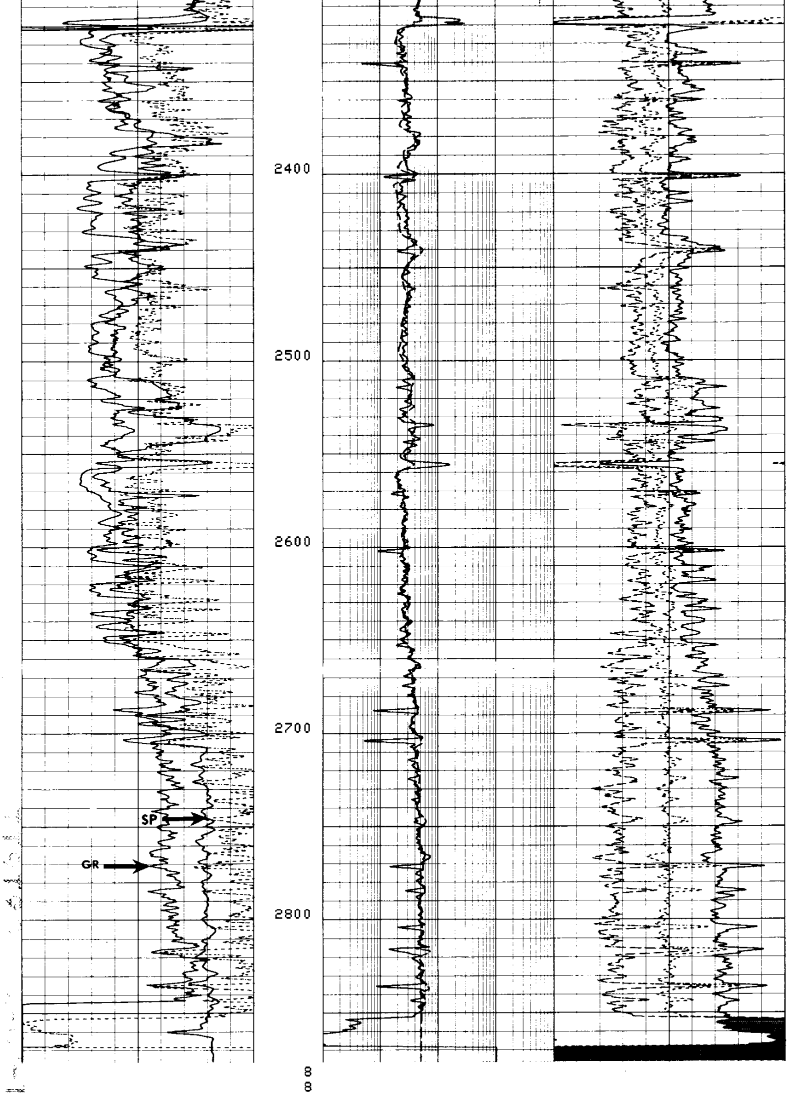
60 0

8 8









COMPANY	AMERICAN QUASAR PETROLEUM COMPANY	SCHL. FR	2865
		SCHL. TD	2865
WELL	QUASAR 29-14 CROWN ZELLERBACH	DRLR TD	2880
		Elev:	
FIELD	WILDCAT	KB	576.9
		DF	--
COUNTY	COLUMBIA STATE OREGON	GL	566.9