SIMON PETROLEUM TECHNOLOGY

WELL: 2/6-3

Print: 2675 K	Units: [✓ M] F	Top	Bottom	Scale	TD
Length: 30 FT	Initials: IC	130	4062	1:500	4062

DIGITAL WIRELINE LOGS PACKAGE
1994

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SIMON PETROLEUM TECHNOLOGY

SPT

COMPLETION LOG

Rb.101.1

U-352

K

2/6-3	YEAR 1982	LICENCE 008	OWNER	OPERATOR EAN

OWNER	WELL	OPERATOR
PETRONORD PHILLIPS - GROUP	2/6-3	EAN

COMPOSITE LOG

AREA : **NORWAY**
off-shore

scale 1/500

Coordinates	x	03° 49' 25" 38 E	Date on location:	02.11.82
	y	56° 31' 49" 32 N	Date spudded:	09. 11. 82
Water depth	96 m	RKB + 25	At T D	20.02.83
Rig	BYFORD DOLPHIN		T.D. (driller):	4060 m
Contractor	DOLPHIN		T.D. (logger):	4062 m
Mud logging	GEOSERVICES		COMPLETED	26. 02. 83.

Well-site geologists : J. BOSC-M. TISSERANT

Approved by : O. MINSAAS date 08. 04. 83

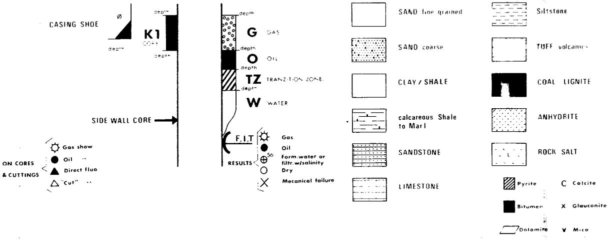
Status : P/A DRY WELL

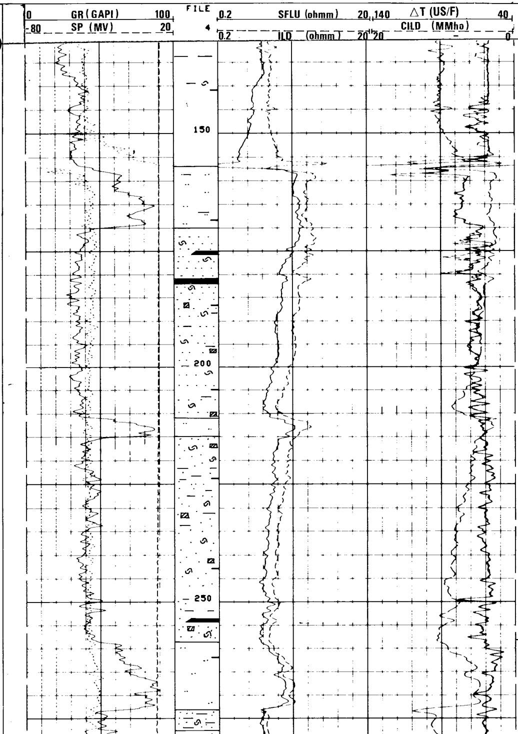
EAN

2/6-3

Licence 088

LEGEND





Sea level: 25 m
Sea bottom: 96 m

158–258 m

SD, trans., fn. to medium, sub- rounded, often micaceous. Inclusions of Pyrite and abund. Shell frags.

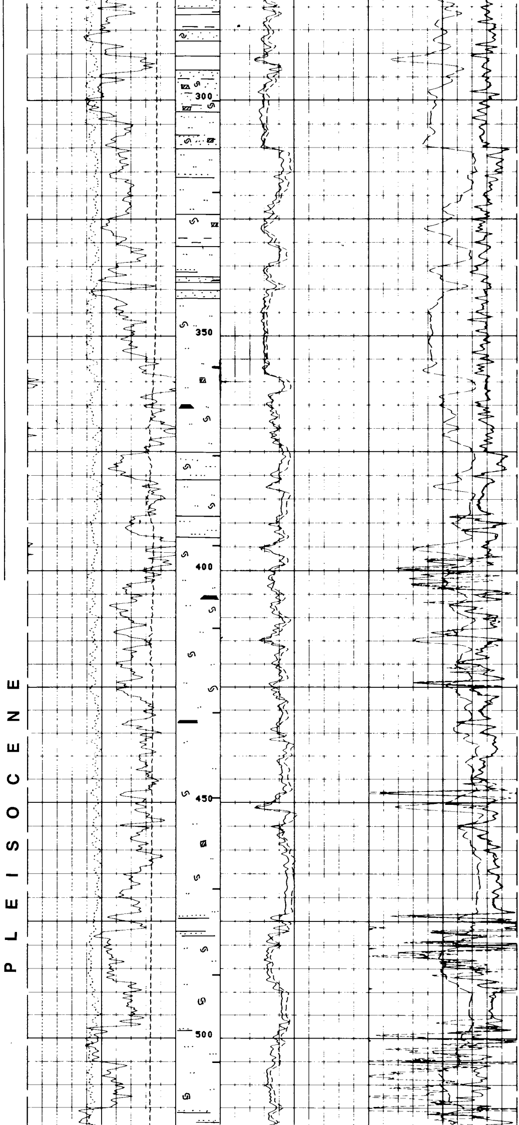
Presence of LIGNITE

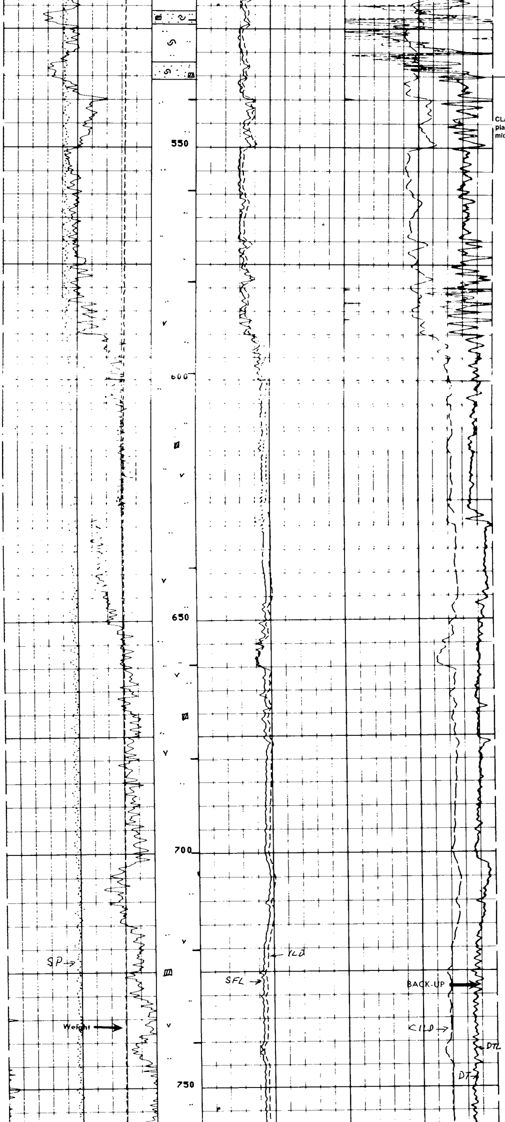
Levels of CLY, gry to dk gry, very silty to sandy.

258–535 m

CLY, gry to dk gry, slightly greenish, very silty to sandy, abundant shells fragments.

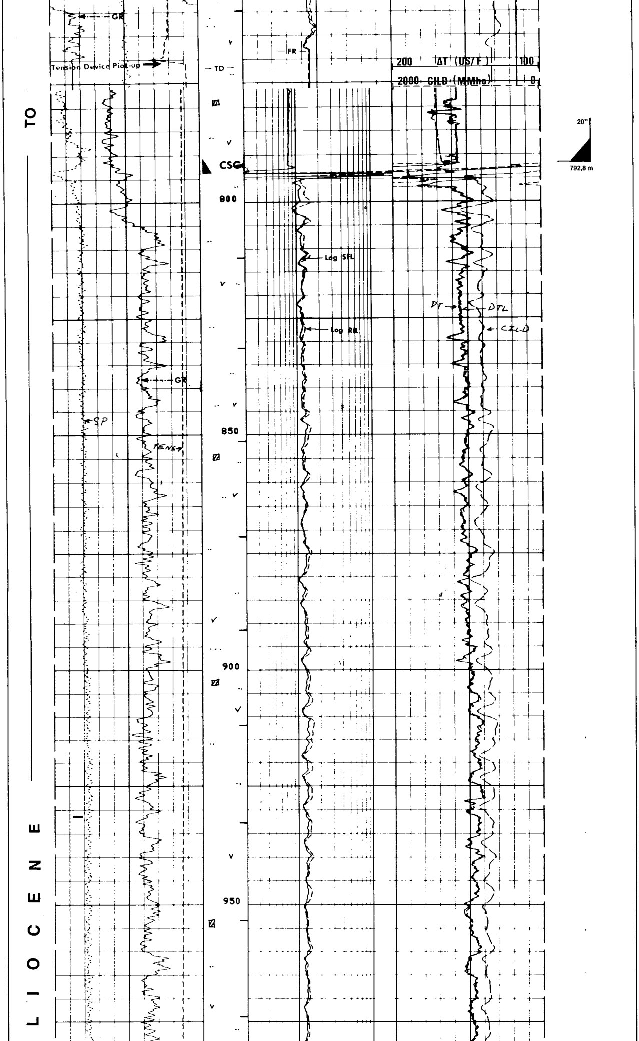
Intercalations of SAND, trans., fn. to medium, pyritic, micaceous.

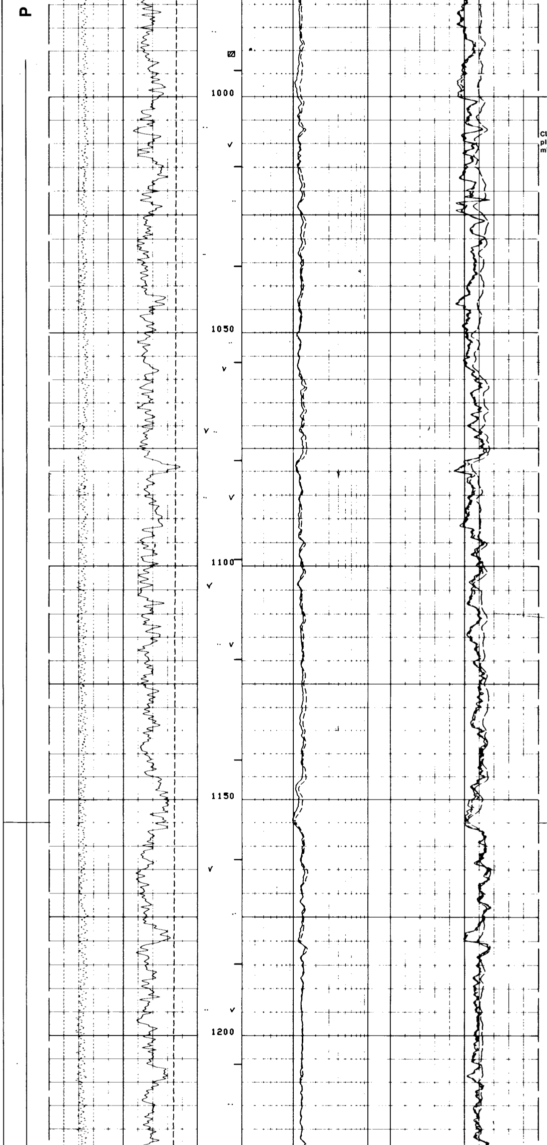




535–1000 m

CLAY, grey to dark grey, very plastic, very silty micromicaceous.



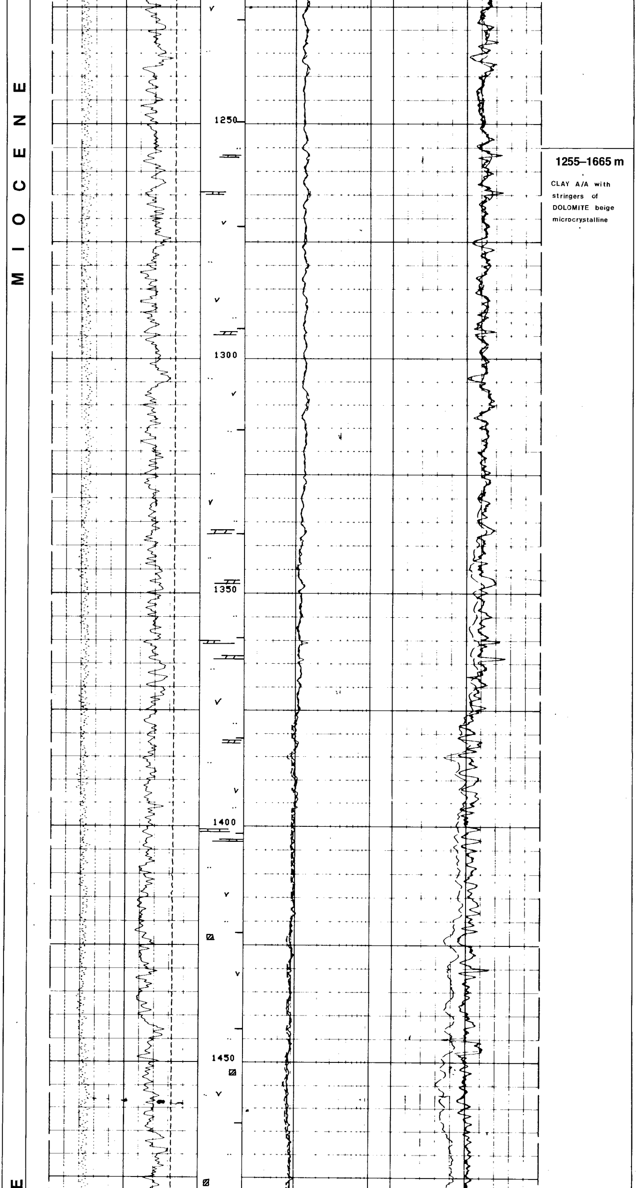


1000–1155 m

CLAY, grey to dark grey, very plastic, «gumbo», micromicaceous.

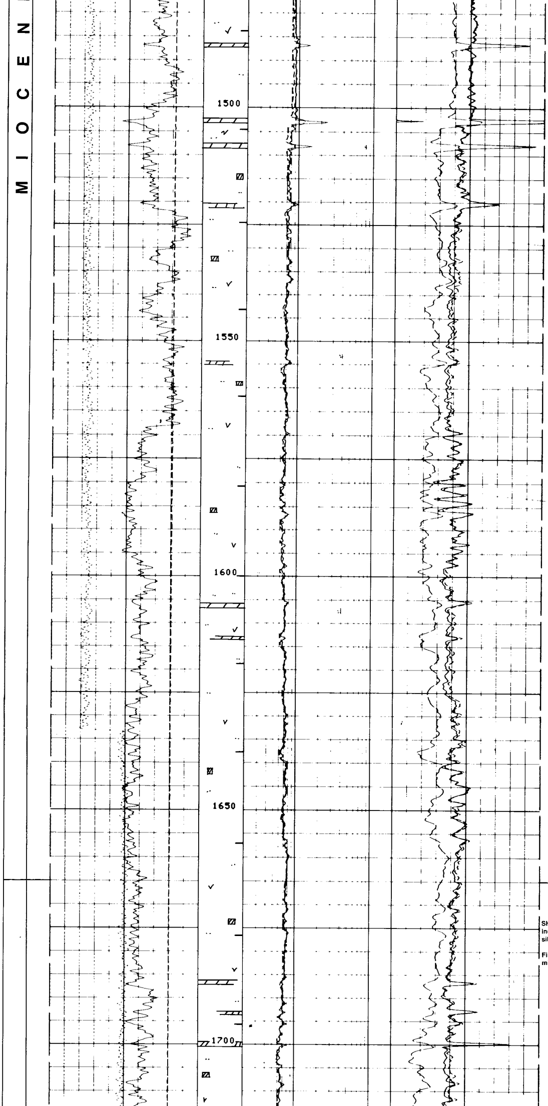
1155–1255 m

CLAY, grey to dark grey, «gumbo», very plastic.



1255–1665 m

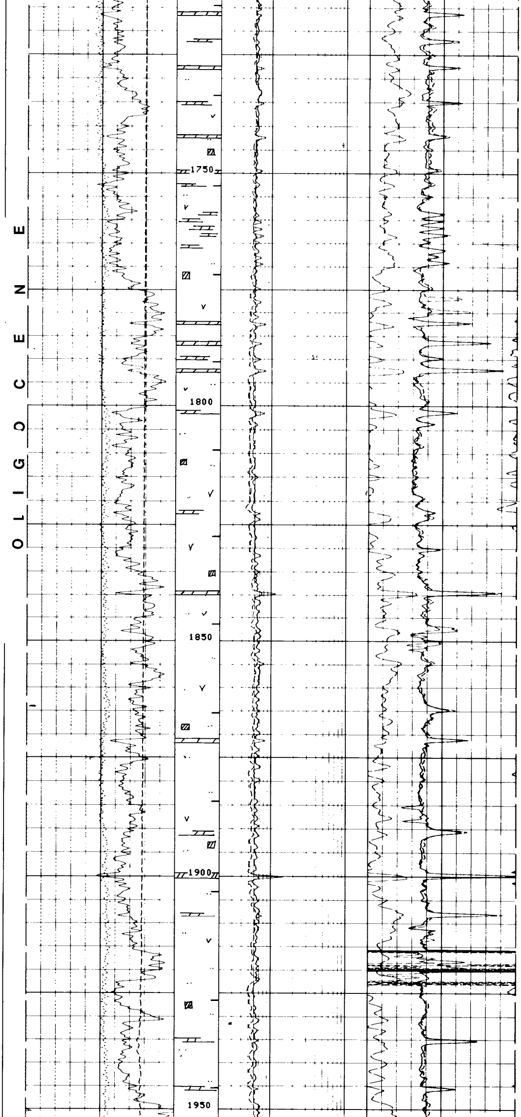
CLAY A/A with stringers of DOLOMITE beige microcrystalline

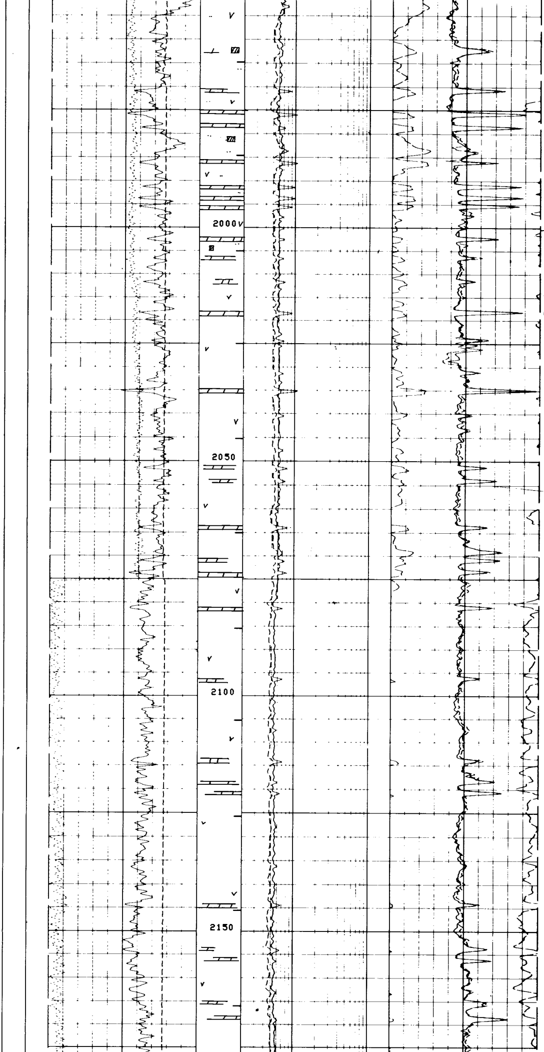


1665–2000 m

SHALE grey/dark, light brown indurated to soft micaceous, silty, Pyritic.

Fine level of DOLOMITE beige, microcrystalline.

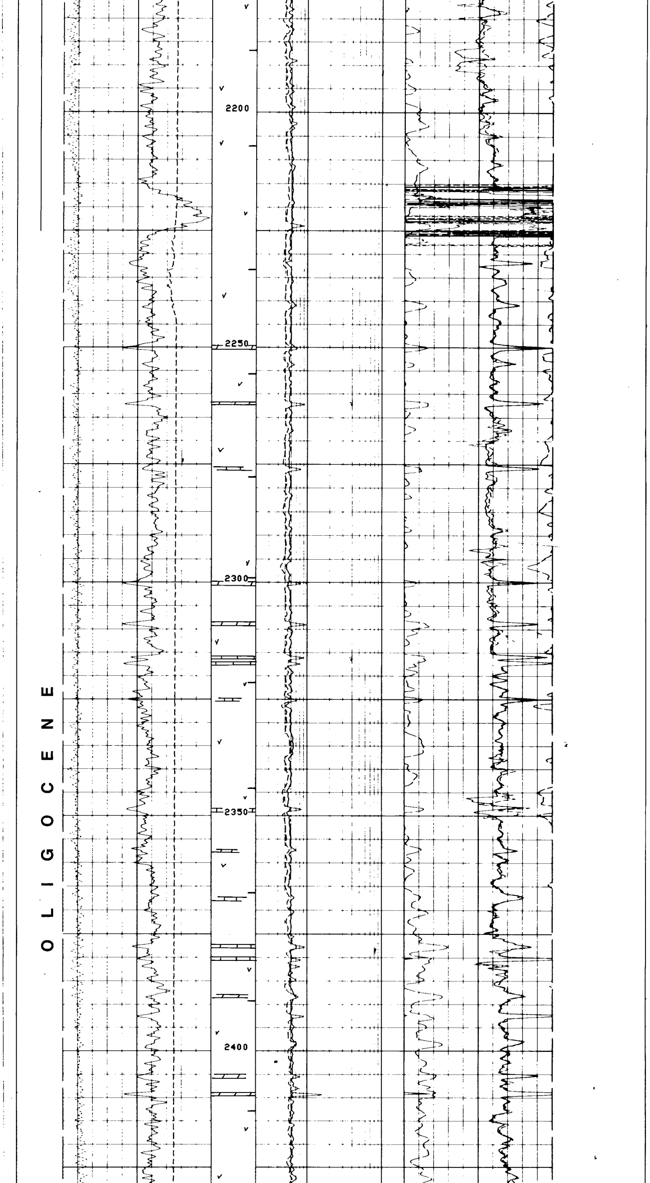


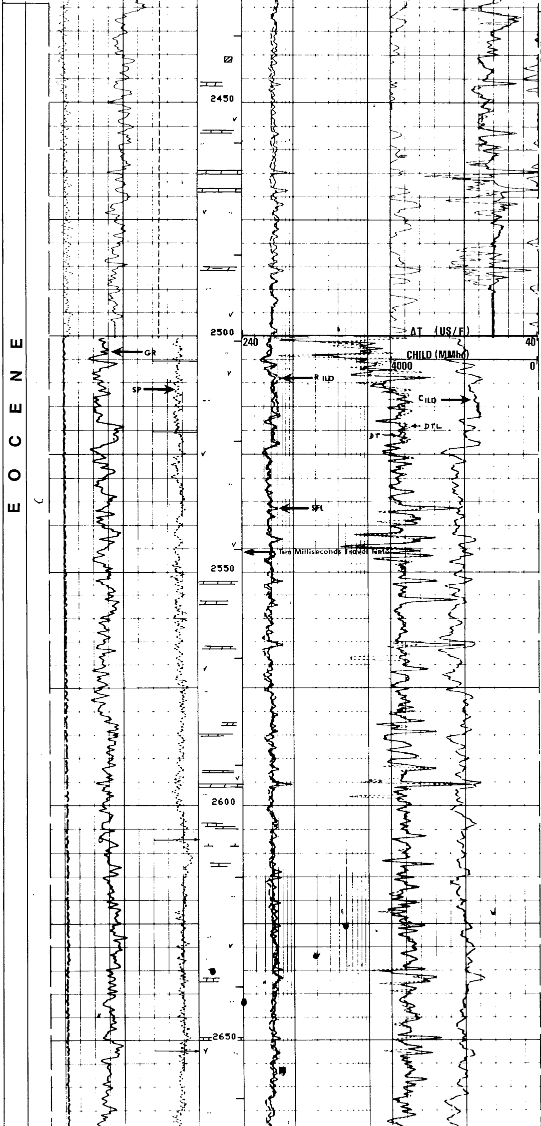


2000–2430 m

SHALE grey, soft, and SHALE brown to grey-brown, micromicaceous.

Traces of DOLOMITE microcrystalline, beige, brown.



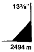


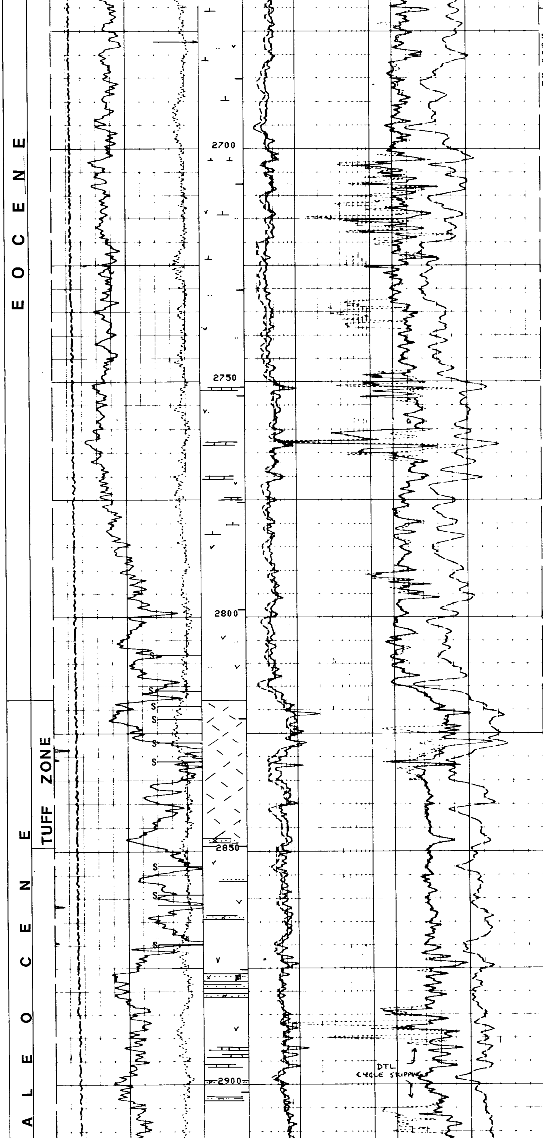
2430–2670 m

SHALE, grey, dark grey, silty, locally brown to red-brown, micromicaceous, silty.

Presence of SHALE grey-green to green, soft, glauconitic.

Traces to thin levels of brownish LIMESTONE argillaceous and yellowish DOLOMITE microcrystalline.





2670–2818 m

SHALE grey to dark grey, occ. green, soft to poorly Indur. micromicaceous, ± silty, slighty carbonaceous.

Streaks of LIMESTONE to MARL brown, argillaceous.

2818–2848,5 m

SHALE grey to dark grey, silty, micromicaceous, soft, with some laminations of SHALE red-brown, red-brick micromicaceous.

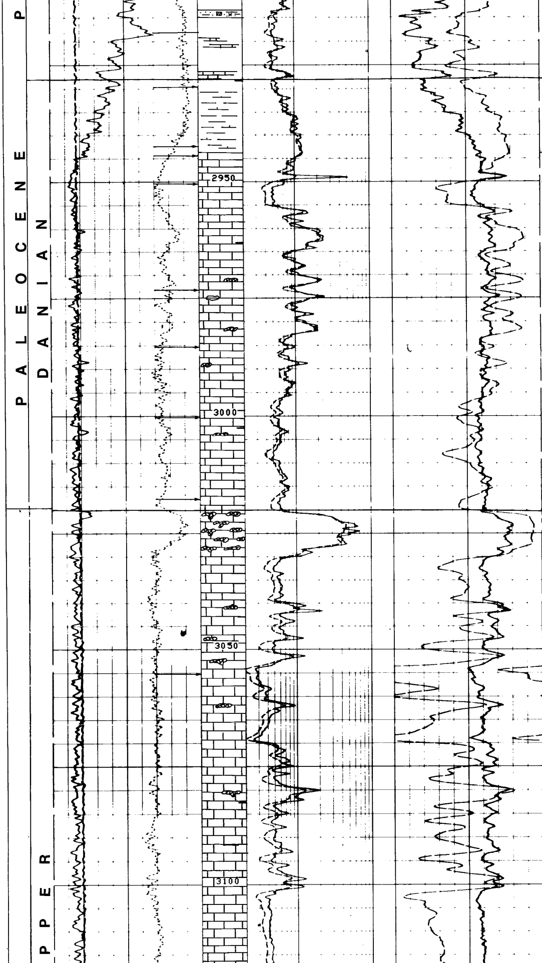
Presence of grey tuff, ashed, granular.

2848,5–2927,5 m

SHALE dark grey to grey, locally brown to red-brown, micaceous, soft to fissile.

Streaks of LIMESTONE to MARL brown, argillaceous.

Thin levels of SANDSTONE, fine to very fine, cream to white, carbonaceous cement, glauconitic and presence of pyrite.



2927,5–2944 m

SHALE grey, dark grey, soft, micromicaceous, calcareous.

2944–3020 m

LIMESTONE white, light grey, mod. hard, microcristalline, hard becoming chalky, milky, micritic, soft.

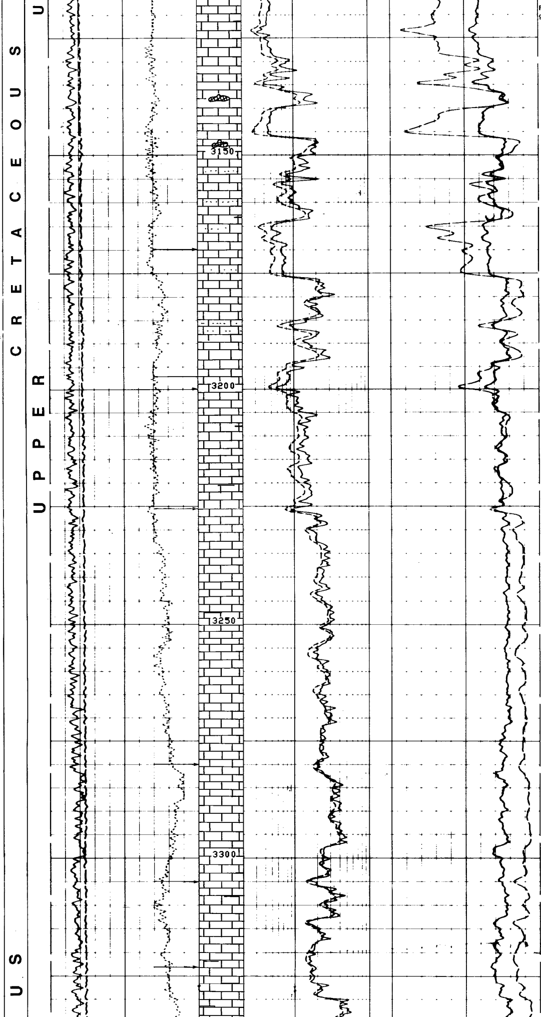
Traces of CHERT grey, beige.

3020–3100 m

LIMESTONE, white, mod. indurated, micritic to microcristalline, with some CHERT grey.

3100–3300 m

LIMESTONE, white, medium hard, micritic, becoming sometimes SANDY LIMESTONE.



Fine beddings of SHALE dark grey, indurated.

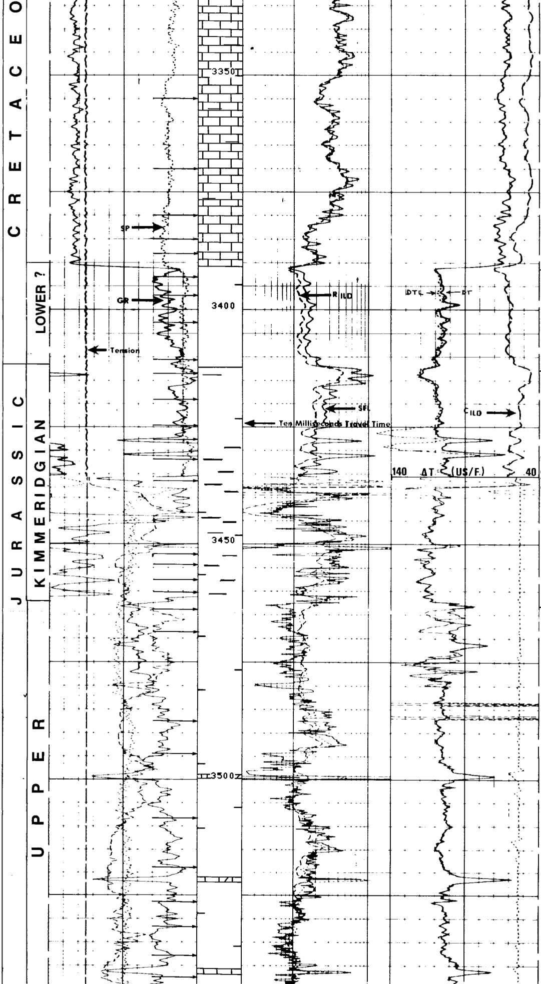
Traces of CHERTS, translucent, brown.

3300–3391 m

LIMESTONE white to cream, moderatly indurated, chalky to microcrystalline.

With presence of LIMESTONE becoming marly pink to red purple.

Fine laminations of SHALE dark grey.



3391–3412 m

SH, dk grey, soft, silty, micromicaceous, slightly carbonacous.

3412–3462,5 m

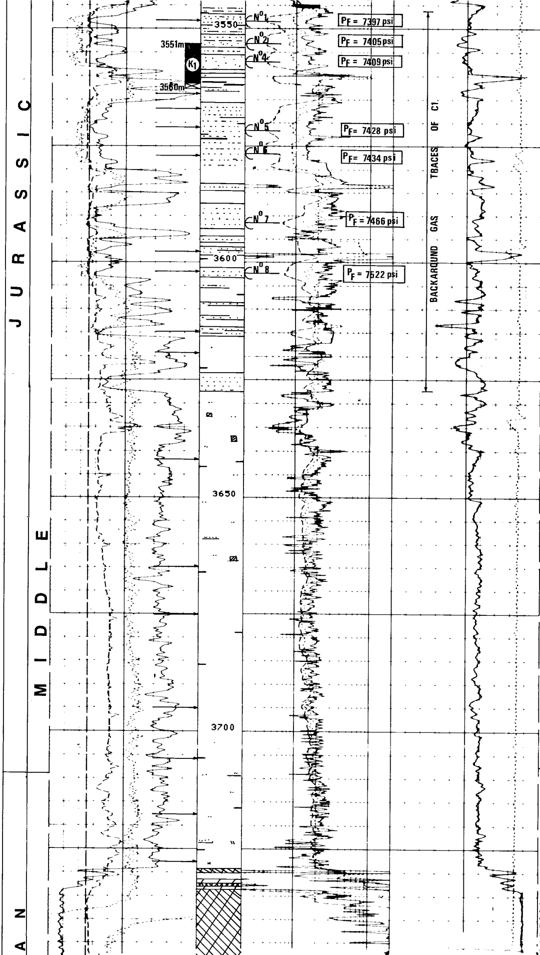
SHALE dark grey to grey, silty, micromicaceous slighty carbonaceous, fissile.

And SHALE grey-brown, soft, micromicaceous, occ. dark brown.

(Presence of organic matter fluo. of cut: dull yellow color of cut: slighty colored)

3462,5–3545 m

SHALE grey-black to dark grey, fissile, micromicaceous slighty dolomitic with some intercalations of LIMESTONE to dolomite brownish, inducated and LIMESTONE white, chalky, soft.



3545–3627,5 m

Metric alternation of
– SANDSTONE, white to grey-whitish, medium grained well sorted, subrounded grains, silicious cement occ. with thin laminations of shale and fine evels of coal. Trales of pyrite.

– SHALE dark grey, indurated, fissile, ± silty, micromicaceous.

On SANDSTONE
▲ nil (very few spots at 3545 m)
_ nil to whitish
+ nil to very slighty colored

3627,5–3666 m

Mainly:
SHALE clear grey, grey-green, silty, soft, ± slighty calcareous – Traces of Pyrite.

Occ. laminations of very fine SANDSTONE whitish, dolomitic.

3666–3707 m

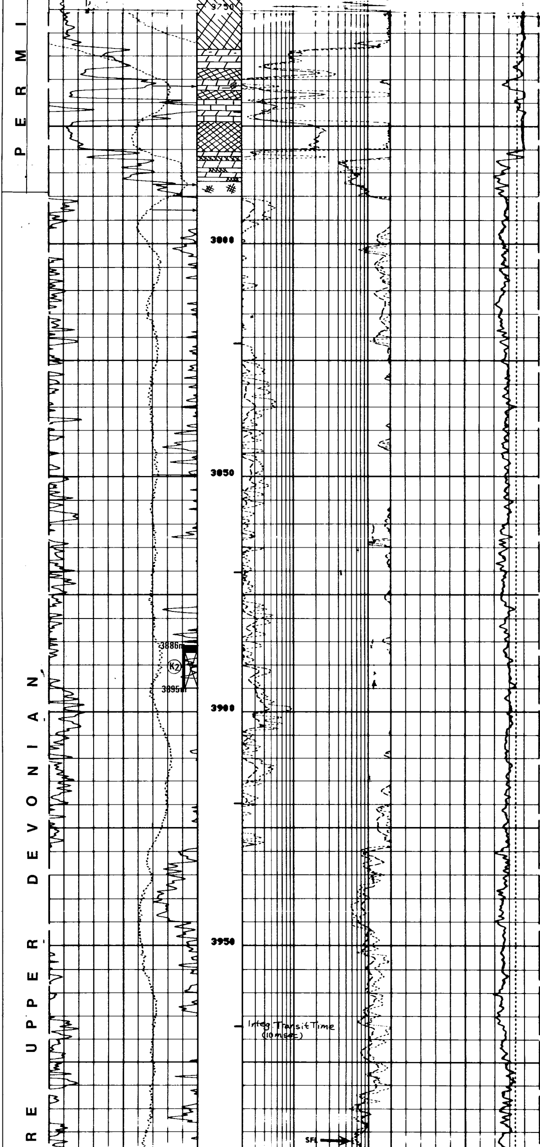
SHALE reddish-brown, soft, sticky, swelling, micromicaceous, ± calcareous, some stringers of SANDSTONE a.a.

3707–3729 m

SHALE dark grey to clear grey, ± silty micromicaceous, very weak dolomitic, very fine laminations of SANDSTONE whitish to greyish, poor calcareous cement.

3729–3790 m

ANHYDRITE white to cream, amorphous, pasty occ. crystalline, translucent with intercalations of DOLOMITE microcrystalline to saccharoid , grey to grey-brown, indurated.



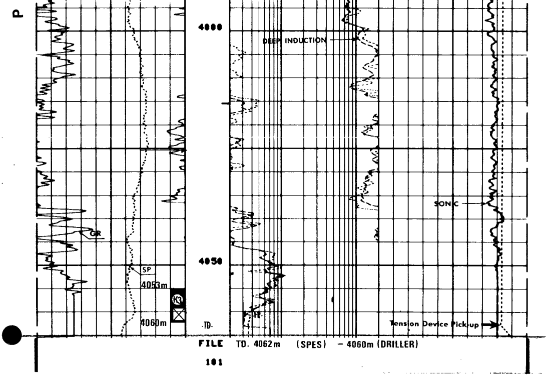
Level of LIMESTONE, chalky, moderatly hard, white
Presence of SHALE (at the bottom red-brick, pasty, slightly dolomitic with inclusions of white anhydrite.

3790–4060

SHIST, reddish grey, micaceous interbeds of quartz.

Rb – Sr datation:
(1 micron fraction)
376 m.y.

SHIST, lustrous, micaceous, dark grey with greenish luster and interbeds of quartz and occ. calcite.



TD. 4062m (SPES) – 4060m (DRILLER)

LOGGING

15.11/82	6/2/82	1/1/83 – 5/1/83	5/2/83	19/2/83
ISF. BHC. GR. 769–157,5 m	ISF. LSS. GR. 2500–765 m	ISF. LSS. GR. 3447–2497 m	ISF. LSS. MSFL. GR. 3768–3437	ISF. LSS. GR. 4061–3768 m
LDL. GR. 766,5–157,5 m	LDL. GR. 2501–793 m	LDL. CNL. GR. 3450–2497 m	RFT. 8 measures 1 seal failure	LDL. CNL. GR. 4062–3437 m
		HDT 3450–2497 m		HDT 4061-3437 m
		CST n° 1.2.		NGS 4052-3437 m
				CST n°3-4

RFT

DEPTH	HYDROSTATIC PRESSURE		FORMATION		PRESSURE
3548,4 m.	8277 Psi	582 Kg/cm²	7397 Psi	520,2 Kg/cm²	1.47
3553,4 m.	8289	582,9	7405	520,7	1.47
3556,9 m.	8297	583,5	SEAL FAILURE		
3556,6 m.	8295	583,3	7409	521	1.47
3571,4 m.	8331	585,8	7428	522,4	1.47
3576,4 m.	8344	586,8	7434	522,8	1.47
3591,4 m.	8380	589,3	7466	525	1.47
3602,4 m.	8405	591	7522	529	1.47

CST

RUN	DATE	ASKED	RECOVERED	DEPTH
1	5/1/83	30	22	3443 – 3170 m.
2	5/1/83	30	24	3055 – 2505 m.
3	20/2/83	51	19	4025 – 3452,5 m.
4	20/2/83	30	16	3850 – 3464 m.

CORING

CORE NO 1 – 26/01/83 – 3551–3560 m. Recovery 7,8 m. (85%)
SANDSTONE medium, siliceous cement, and at bottom SHALE dark grey, fissile, micromicaceous.

CORE NO 2 – 12/02/83 – 3886–3895 m. Recovery 1 m. (11%)
SHIST , micaceous, lustrous, calcite.

CORE NO 3 – 19/02/83 – 4053–4060 m. Recovery: 3,9 m. (56%)
SCHIST lustrous, micaceous, dark grey with greenish luster and interbeds of quartz occ. calcite.