ENCLOSURE 1

303524

COMPANY	PACIFIC OIL AND GAS PTY LTD
RIG	ROCKDRILL RIG No 18
WELL	BROUGHTON No 1
FIELD	McARTHUR BASIN
COUNTRY	NT AUSTRALIA
CO-ORDINATES	Lat: 14° 21' 25" Longt: 133° 37' 23" GR-LE 517120 (Flying fox Topographic sheet)

DEPTH LOGGED FROM 10m TO 1000·4m
DATE LOGGED FROM 19/8/88 TO 16/9/88

GEARHART PTY. LTD.
Geodata Services
AUSTRALIA
No. AH1500100
Telephone: (08) 46 6592
Telex: AA87137

LOGGING ENGINEERS
1 NEIL MACKAY
2 CLIFF MENHENNITT
3
4

LITHOLOGY

▨	SANDSTONE	⊥	CALCITE	g	GLAUCONITE
▨	SILTSTONE	∠	DOLOMITE	☐	
▨	CLAYSTONE	m	MICROMICACEOUS	☐	
▨	LIMESTONE	♦	PYRITE	☐	

ABBREVIATIONS

NB	New bit	PP	Pump pressure	POH	Pull out of hole
NCB	New core bit	SPM	Strokes per minute	RIH	Run in hole
	Coring	CR	Circulated returns	WOW	Wait on weather
CS	Casing shoe	PR	Poor returns	LAT	Logged after trip
SWC	Sidewall cores	NR	No returns	LCM	Lost circulation material
EL	Electric log	TG	Trip gas	DC	Depth connection
RRB	Rerun bit	CG	Connection gas	DST	Drill stem test
WOB	Weight on bit	DS	Directional survey		
RPM	Revolutions per minute	WT	Wiper trip		

TOTAL GAS RECORDER Continental Laboratories 900 Series
H_2S RECORDER General Monitors Model 2170

INSTRUMENTS CHECKED DAILY
24 HRS. LOGGING SERVICE

SCALE 1:500

MUD TYPE Variable details specified in drilling rate column

POROSITY (Visible or inferred from texture)

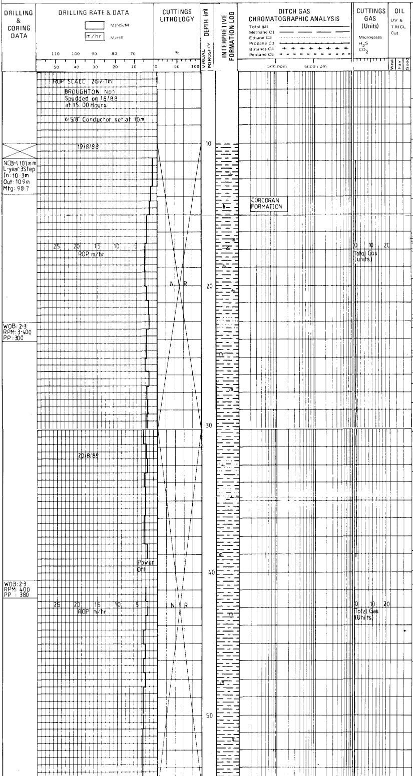
MUD DATA

W	Weight lb/gal	CK	Cake thickness	32nd inch
MG	Mud gradient psi/1000 ft	S	Salinity	gm/ltr Cl
V	Funnel viscosity sec/qt	SD	Sand content	% by volume
PV	Plastic viscosity Cps	O	Oil content	% by volume
YP	Yield point lbs/100 ft	WL	Water loss	% by volume
GEL	Gel strength lbs/100 ft	SOL	Solids content	% by volume
pH		pf	Alkalinity of filtrate	
F	Filtrate API ml/30 minutes	GYP	Gypsum total/dissolved	

MATRIX POROSITY		VUGULAR POROSITY	
|	slightly porous < 10%	|	Isolated vugs < 10%
||	porous 10-30%	⫽	Isolated vugs > 10%
|⫽	Mixed porosity > 10%	⫽	Visibly interconnected vugs < 10%

CASING AND HOLE DATA

BIT SIZE	HOLE DEPTH	CASING SIZE	CASING SHOE
101mm	83·5 m		
5-5/8"	83·5m	5"	82·6 m
101mm	1000·4m		



LITHOLOGY DESCRIPTION MUD DATA & REMARKS

0-10m
SILTSTONE:red-brn to lt brn,abd f-med ,rnd qtz grains.becoming more arg with depth.

10-16m
SILTSTONE:arg,very thin laminae of vf gr sst. some fractured with iron staining.

SILTST:md lt gy-md gy, micmic,arg,occ carb mat, calc,fm-md hd.sb blky.

16-3[illegible].4m
SILTSTONE:md lt gy to gy, thinly laminated with occ interbeds of f-vf gr sst
yel [illegible] band @ 17.35m

SILTSTONE:md lt gy - md gy, occ carb mat, tr micmic, tr [illegible], tr pyrite, fm-md hd, sb blky.

MUD DATA @ 2[illegible]m
W [illegible] V 45

[illegible]
interbedded siltstone and silty sandstone grading to vf gr sandstone apparent fining upward cycles.

SILTSTONE:md gy to lt gy, sil cmt, occ carb mat, [illegible]
[illegible]
[illegible]

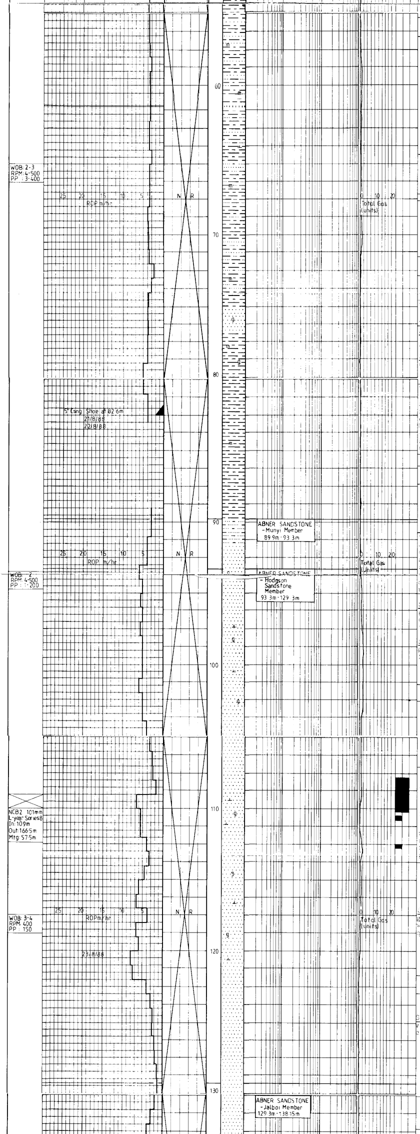
MUD DATA @ 39m
W [illegible] V 44

3[illegible]-[illegible].5m
Siltstone with thin inter beds of sandy siltstone and vf gr sandstone. Evidence of slumping and minor faulting with strike slip movement. Some reverse faulting. Thin black wispy seams of claystone up to 2mm thick

SILTSTONE:ol gy -gysh ol, tr carb mat, tr micmic, md hd-[illegible], sb blky.

SANDSTONE:lt ol gy-lt gy, vf gr, calc cmt, tr glauc, tr sil. md hd, sb blky.

CLAYSTONE:dk gy-blk, thin wispy seams, org rich.



MUD DATA @ [illegible]m
W [illegible] V 43

SILTSTONE: gysh ol grn, [illegible] micmic, tr org mat, md [illegible] hd, sb blky.

6[illegible].[illegible]-6[illegible].7m
Interbedded sandstone and siltst[illegible] with cross bedding and scouring at base of sandstone units.

6[illegible].[illegible]-7[illegible].[illegible]m
Siltstone with interbedded sandy siltstone and minor wispy laminae of clay stone. Fault zone 6[illegible].0[illegible]-6[illegible].[illegible], fractures and zones of brecciation.

MUD DATA @ 70m
W [illegible].[illegible] V [illegible]

SILTSTONE: [illegible]

[illegible].[illegible]-7[illegible].[illegible]m
Interbedded sandstone and siltstone.

SANDSTONE: v [illegible] gy-lt [illegible], [illegible] vf gr, md srt, wl rnd, [illegible] cmt, tr glauc, [illegible].

SILTSTONE: [illegible]

[illegible]
[illegible] fining upward sequence [illegible] current bedding & slumping. Massive dk gy siltst [illegible] [illegible] sandstone inter[illegible] towards base of unit.

MUD DATA @ [illegible]m
W [illegible] V [illegible]

9[illegible].[illegible]-1[illegible]m
Sandstone with interbeds of siltstone and occ clay stone. Slumping and strong sulphide mineralisation, associated with [illegible] and disseminated in [illegible] units.

SANDSTONE: clr-mlky wh, f-md gr, md srt, sb ang-sb rnd, occ ang, qtz og cmt, tr glau tr calc, md hd, blky.

SILTSTONE: gnsh gy-dk gnsh gy, tr carb mat, fm md [illegible] fr.

MUD DATA @ 103m
W [illegible].5 V 44

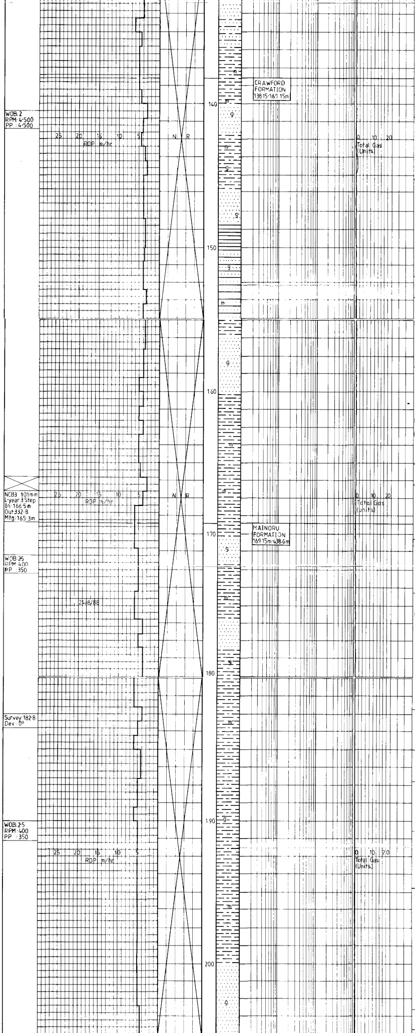
105-129.3m
Massive sandstone, vf-f gr with occ m-crs intervals. Minor interbeds of siltstone which exhibit some slumping. Coarser sands below 107m have some fluor from bright yellow to blue white and have instant streaming yellow white cut. Strong silica cement, very poor visible porosity.

SANDSTONE: clr-slky wh, f-md gr, md srt, sb ang-sb rnd, occ wl rnd, tr glauc, tr calc, qtz og cmt, md hd, blky.

MUD DATA @ 122m
W [illegible].5 V 45

SANDSTONE: clr, f-md gr, occ vf gr, sb ang-sb rnd, qtz og cmt, md hd-hd, sb fiss.

1[illegible].[illegible]-1[illegible].[illegible]m
Sandstone with minor thin beds of siltstone and clay stone.



[illegible]

SILTSTONE: [illegible], tr mic, tr fg [illegible].

CLAYSTONE: dk gy-[illegible], [illegible], [illegible], [illegible].

MUD DATA @ 14[illegible]m
W [illegible] V 45

[illegible]
Interbedded sandstone and siltstone with minor clay stone. Beds range from fine laminae to almost massive, with poorly developed fining upward cycles.

SANDSTONE: lt blsh gy-[illegible] gy, f gr, wl rnd, wl srt, ab glauc, [illegible] cmt, no vis porosity.

SILTSTONE: md gy-md dk gy, tr vf gr snd, tr glauc, sil cmt, fm md hd, sb blky.

MUD DATA @ 1[illegible]
[illegible]

SANDSTONE: md gy-md dk gy, md gr, ang-sb ang, qtz [illegible], up to 15% glauc, sl srt, md hd-hd, sb blky-sb fis[illegible].

SILTSTONE: md dk gy, sil cmt, tr micmic, tr vf gr snd, occ glauc, fm-md hd, blky.

MUD DATA @ 166m
W [illegible] V 46

169.15-1[illegible]m
Interbedded sandstone and siltstone with minor clay stone, the [illegible] sands are glauconitic and have some current bedding and scouring.

SILTSTONE: md lt gy md [illegible], tr mic mic, tr vf gr snd, tr glauc, fm-md hd, blky

1[illegible]-1[illegible].45m
Fault zone at 45° to core, brecciated siltstone and sandstone in a clay matrix.

1[illegible]-1[illegible].6
Siltstone with sandstone and minor claystone inter beds

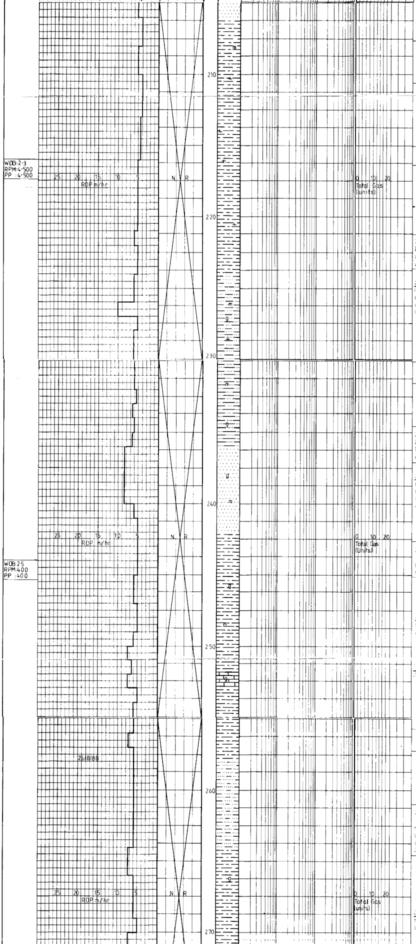
SILTSTONE: md lt gy, tr micmic, tr glauc, occ vf gr snd, fm-md hd, blky

1[illegible]-[illegible]1m
Interbedded sandstone and siltstone, beds range from 1-[illegible]cm, most exhibit well defined fining upward sequences often with a scour surface at the base.

SILTSTONE: md lt gy, tr micmic, tr glauc, occ vf gr snd, fm-md hd, blky.

SANDSTONE: grnsh gy, vf gr, sb ang-sb rnd, strng sil cmt, occ glauc, occ carb mat, fm-md hd, blky.

MUD DATA @ [illegible]
[illegible]



211-2[illegible]m
Thinly laminated siltstone and claystone with minor sandst[illegible]. [illegible] generally less than [illegible].

SILTSTONE: md gy-md dk gy, [illegible] micmic, tr [illegible], occ carb mat, fm, sb blky.

MUD DATA @ 216m
W 9.4 V 34

220-234.5m
Laminated siltstone with sandstone and minor claystone. Fining upward units.

SANDY SILTSTONE: md gy-md dk gy, tr mic mic, tr carb mat, vf gr snd, slky, strg cmt, occ glauc, tr [illegible], [illegible] hd-[illegible], blky.

[illegible]

234.5-239.3m
Sandstone with minor interbeds of siltstone and [illegible] of claystone.

SANDSTONE: gnsh gy, vf gr, sb ang-sb rnd, md wl srt, strongly cmt, common glauc & beds of md gy slt. Slt commonly mic, occ carb mat, fm-md hd, blky-sb blky.

239.[illegible]-24[illegible]m
Finely laminated siltstone with minor claystone, [illegible], and [illegible].

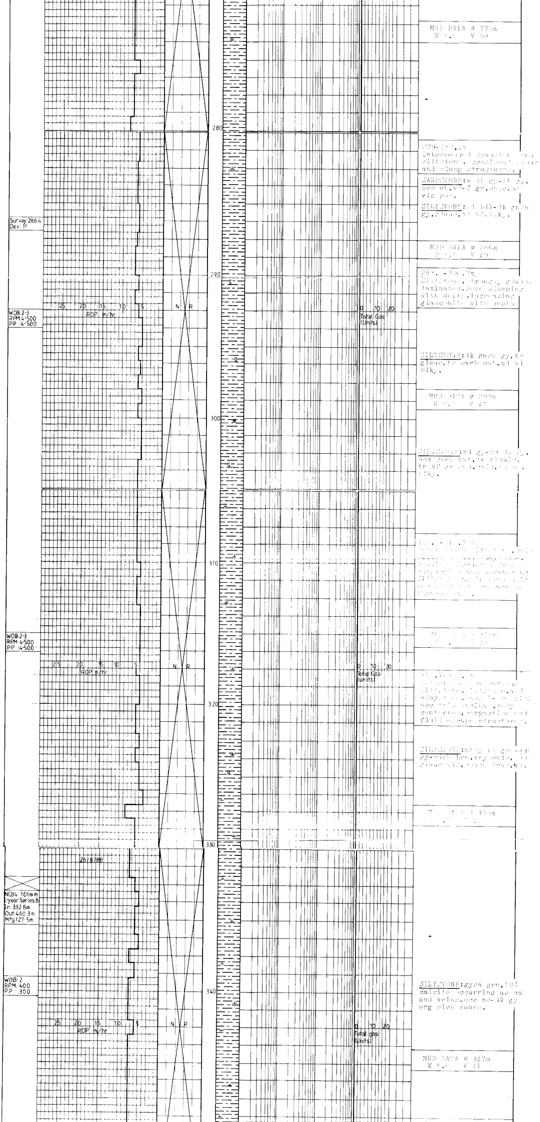
SILTSTONE: dk gnsh gy, [illegible] micmic, tr carb mat, tr glauc, [illegible] hd, blky.

[illegible]: [illegible], [illegible], [illegible].

[illegible]

25[illegible]-27[illegible]m
Interbedded siltstone, [illegible], and claystone often forming well defined fining upward cycles varying from [illegible] to 20cm in thickness.

SILTSTONE: md gy, glauc, tr micmic, occ vf gr snd, tr carb mat, [illegible].



MUD DATA @ 275m
W [illegible] V 50

279-[illegible]m
Interbedded sandstone and siltstone. [illegible] and slump structures.

SANDSTONE:v lt gy-lt gy, occ wh,vf-f gr,[illegible] vis por.

SILTSTONE:[illegible] blk-dk grnsh gy,glauc,[illegible] blky.

MUD DATA @ 286m
W [illegible] V 49

28[illegible]-3[illegible].7m
Siltstone,strongly glauc. laminated,some slumping with depth.Increasing glauconite with depth

SILTSTONE:dk grnsh gy,tr glauc,tr carb mat,[illegible] blky.

MUD DATA @ 299m
W [illegible] V 4[illegible]

SILTSTONE:md gy-md dk gy, occ carb mat,tr glauc, tr vf gr [illegible] blky.

[illegible]

MUD DATA @ [illegible]

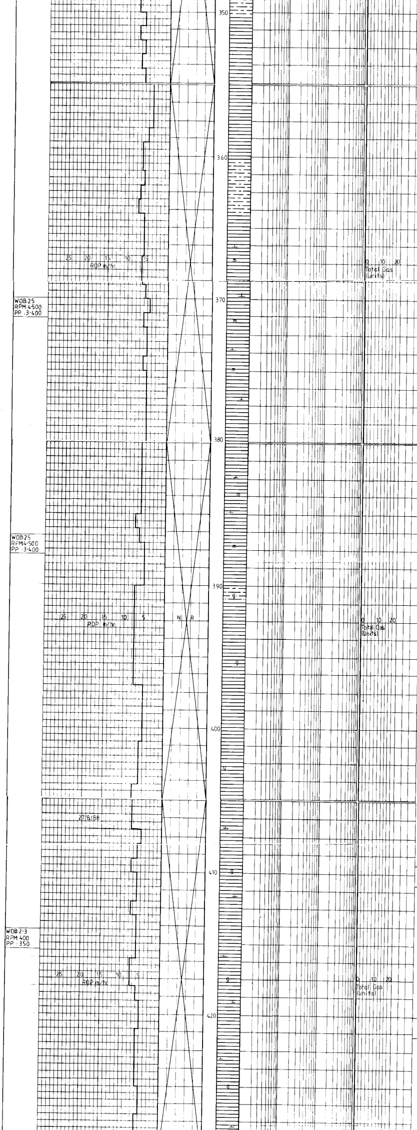
[illegible]
[illegible] clayst[illegible] [illegible] occ [illegible] contorted, compaction and fluid escape structures.

SILTSTONE:[illegible] gy-rich brn,v[illegible], [illegible] glauc [illegible], [illegible] h[illegible].

MUD DATA @ 330m
[illegible]

SILTSTONE:gysh grn,10% calcite occurring as cmt and veins,occ md-dk gy org rich zones.

MUD DATA @ 347m
W 9.[illegible] V 41
]



35[illegible] - [illegible]m
Claystone with occ lns of siltstone and calc siltstone.

CLAYSTONE: mod rdsh brn-dk rdsh brn, sb vit-vit, hd.

MUD DATA @ 357m
W 8.6 V 41

358-396.[illegible]m
Claystone with interbeds of siltstone and very calcareous siltstone. Calcareous units show slumping and dewatering structures and possible algal mounding.

SILTSTONE: gysh grn-dk grn, fir calc, hd, blky sb vit.

CLAYSTONE: dk rdsh brn & dk gysh grn, tr micmic, occ calc lms, sl hd, blky-sb fiss.

MUD DATA @ 371m
W 8.[illegible] V 45

CLAYSTONE: dk rdsh brn, tr mic, tr calc, tr slt, md hd blky-sb fiss.

SILTSTONE: gysh grn, tr vf gr, wl rnd, clr-mlky snd. trcalc, tr glauc, fm-md hd, blky.

CLAYSTONE: dk rdsh brn, tr glauc, fm md hd, fiss-sb fis

396.[illegible]-43[illegible].[illegible]m
Massive claystone with very minor siltstone beds up to 2cm thick

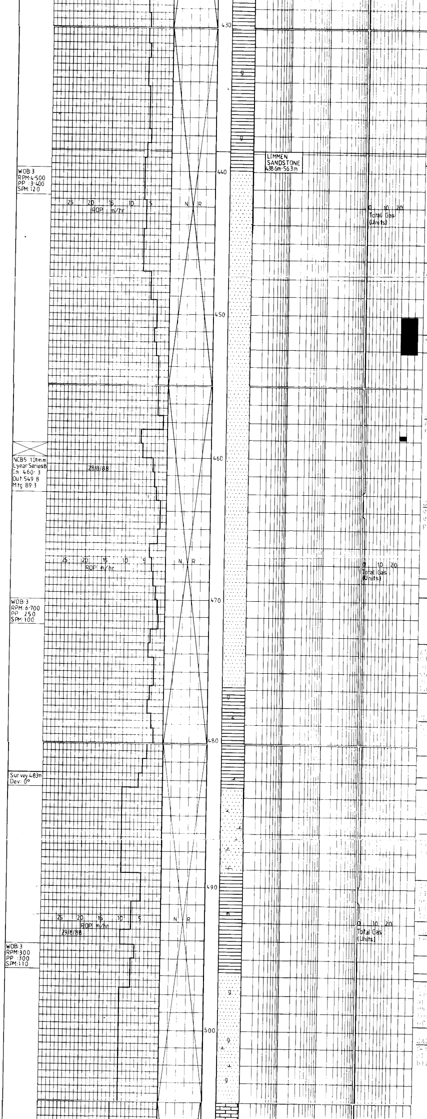
MUD DATA @ 396m
W 8.6 V 35

CLAYSTONE: dk rdsh brn, tr glauc, fm-md hd. fiss-sb fiss.

MUD DATA @ 410m
W 8.6 V 39

CLAYSTONE: a/a

MUD DATA @ 420m
W 8.6 V 35



[illegible]: [illegible] gy, [illegible] gr [illegible], [illegible]

[illegible]

[illegible] - 477.[illegible]
Sandstone with occasional thin siltstone and claystone in the upper section. Numerous oil bleeds on core surface, up to 40% yellow fluor with instant slow yellow white cut and no ring resi[illegible]. [illegible] with oil have [illegible] por. [illegible] with [illegible] porosity have bituminous [illegible].

SANDSTONE: md [illegible] gy, vf-[illegible] [illegible] cmt, v [illegible].

MUD DATA @ 453m
W 8.6 V 31

SANDSTONE: v lt gy, m-f gr, abd qtz ovgths & cmt, no vis por, v [illegible].

SANDSTONE: clr-mlky, vf-crs gr, prly srt, qtz ovgth cmt, ang-sb rnd, no vis por, md hd-hd, fisc.

MUD DATA @ 468m
W 8.5 V 37

477.[illegible]-481.7m
Claystone with intervals of dolomitic claystone [illegible] dolomite towards base [illegible] sideritic mineralisation.

[illegible]: [illegible]

[illegible]

[illegible]

[illegible]

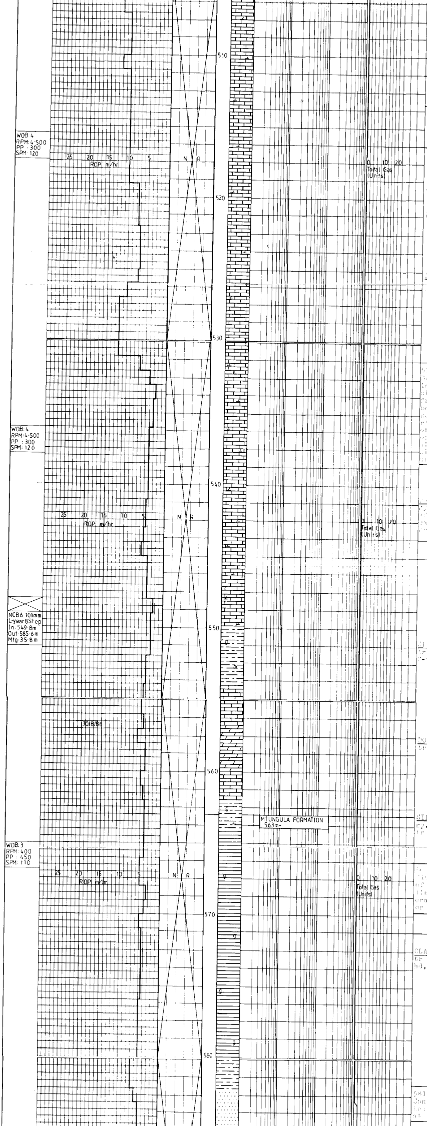
[illegible] - 494.[illegible]
[illegible] claystone [illegible]

[illegible]: [illegible] sideric, [illegible]

MUD DATA [illegible]

[illegible] - 50[illegible].1
[illegible] sandstone, up to 30% [illegible] with calcareous cement. [illegible] bedding with occ clasts of black claystone.

SANDSTONE: md gy-gnsh gy, f-md gr, abd glauc, occ [illegible], v calc, md [illegible], blky-sb fiss.



LIMESTONE:v lt [illegible],rxlzd, tr [illegible],tr carb [illegible], blky.

MUD DATA @ 51[illegible]m
W [illegible].5 V 34

514.1-531.5m
Dolomitic limestone with occasional thin wisps ofvery dark claystone. Apparent algal mounding.

DOLOMITIC LIMESTONE:lt brnsh gy-lt ol gy,micritic occ vug por lined with calc xls,sb conc frac, hd-vhd.

DOLOMITIC LIMESTONE:lt [illegible] gy,f gr,[illegible], occ vuggy por,[illegible],blky.

531.[illegible]-5[illegible]m
Dolomitic limestone with interbedded claystone and siltstone.Interbeds range from [illegible] to massive,bed boundaries are planar to sub planar and occ contorted in the upper portion of the unit.No evidence of algal mounding in the limestone,occ vuggy porosity filled with calcite [illegible].

[illegible]

[illegible]

[illegible]:dk gy,[illegible], tr [illegible] snd,tr [illegible], [illegible] blky.

DOLOMI[illegible]:[illegible] gy,tr glauc tr mi gr snd,hd,blky.

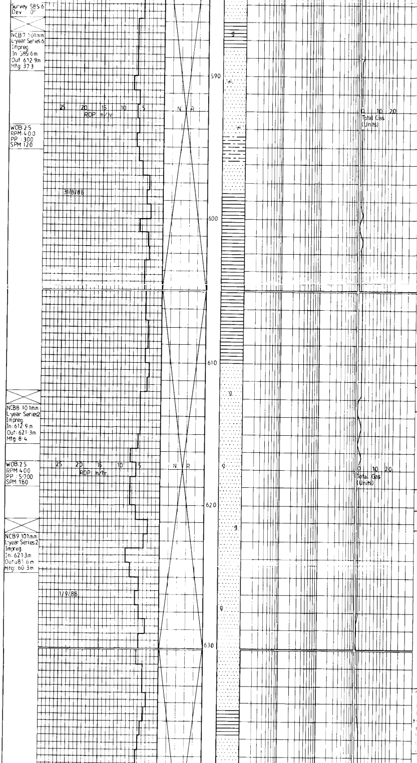
SILTSTONE:gnsh gy-[illegible] ol gy,tr glauc,tr [illegible], tr sid,calc.fm,[illegible].

5[illegible]
[illegible]stone with interbeds of [illegible]stone and dolomitic limestone.Bedding is generally massive with little or no sedimentary struct.

MUD DATA @ 569m
W 9.5 V 35

CLAYSTONE:dk rdsh brn, tr mi gr snd.tr glauc, hd,sbfiss.

581-5[illegible].[illegible]m
Sandstone with minor interbedded claystone.Fault at 5[illegible].[illegible]m dip 6[illegible].



SANDSTONE:clr,md r/sh or arg mtrx,vf-f gr,occ crs-v crs,ang-rnd,qtz ovgth cmt,occ arg,nil vis por, nil fluor,md hd-hd,blky-sb fiss.

SILTSTONE:pl gr,comm vf gr snd,tr glauc,sil cmt, fm md hd,fiss.

MUD DATA @ 592m
W [illegible] V 36

SANDSTONE:lt gnsh gy, vf-crs gr,ang-sb rnd, tr arg,qtz ovgth cmt, tr calc,tr sid,nil vis por,nil fluor,md hd, [illegible].

CLAYSTONE:pl gr & md r/sh brn,hd,fiss.

MUD DATA @ [illegible]
W [illegible] V 35

[illegible]

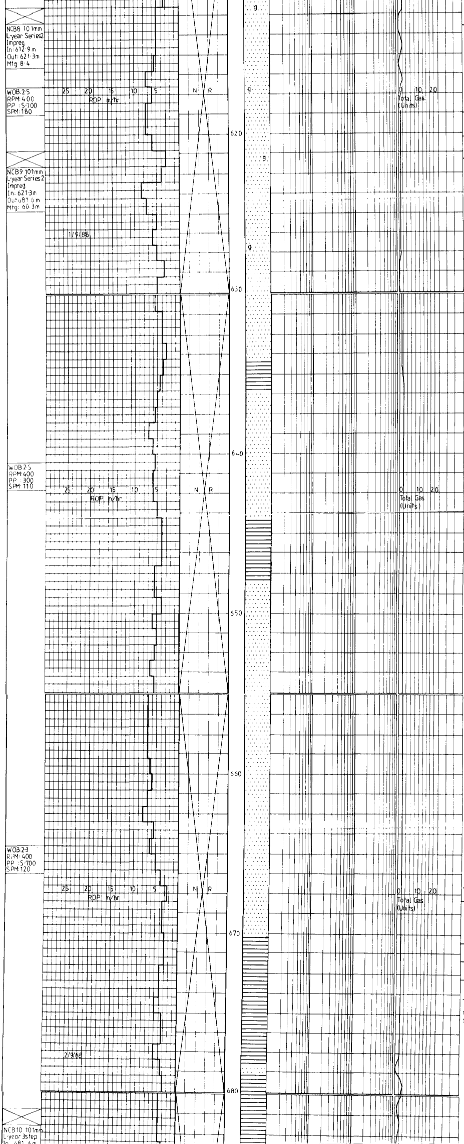
MUD DATA @ 613m
W [illegible] V 34

[illegible]
Sandstone with interbedded claystone,sandstone beds range from 2cm to 1m thick,claystone beds generally less than 3cm.Sandstone often very argillaceous having a mottled brown red appearance.

MUD DATA @ 621m
W [illegible] V 30

[illegible] ovgth,sb ang-sb rnd,occ wl rnd,mly srt,glauc, [illegible],tr K fspr,tr sil, nil vis por,md hd,sb blky-sb fiss.

[illegible]-669.5m
Interbedded Claystone (60%) and Sandstone (40%).Unit sandier toward base,Claystone replaced by arg Sst. Planar bedding with occ scouring and slump structures.



[illegible]
Sandstone with interbedded claystone,sandstone beds range from 5cm to 1m thick,claystone beds generally less than 5cm.Sandstone often very argillaceous having a mottled brown red appearance.

MUD DATA @ 621m
W [illegible] V 30

[illegible]:[illegible] grn,f-[illegible] gr,oc vf gr,occ [illegible] ovgth,sb ang-sb rnd,occ wl rnd,prly srt,glauc, glauc,tr K fspr,tr slt, nil vis por,sl hd,sb blky-sb fis.

63?.4-66?.5m
Interbedded Claystone (60%) and Sandstone (40%).Unit sandier toward base,Claystone replaced by arg Sst. Plannar bedding with occ scouring and slump structures.

SANDSTONE:mod org-pnk, gy-pnk,occ red-brn,f-med gr,mod srt,sb ang-sb rnd,sil cmt,occ sil mtx,occ qtz ovgrths,fr cmt'd,[illegible],no vis por, no shows.

MUD DATA@643m
W [illegible] V 32

CLAYSTONE:red-brn,arg. occ micmic,mod hd,sb fiss.

SANDSTONE:mod red-brn, vf-f gr,grd to aren siltst ip,occ med gr,pr srt,sil cmt,tr sil mtx, [illegible],mod hd, no vis por,no shows.

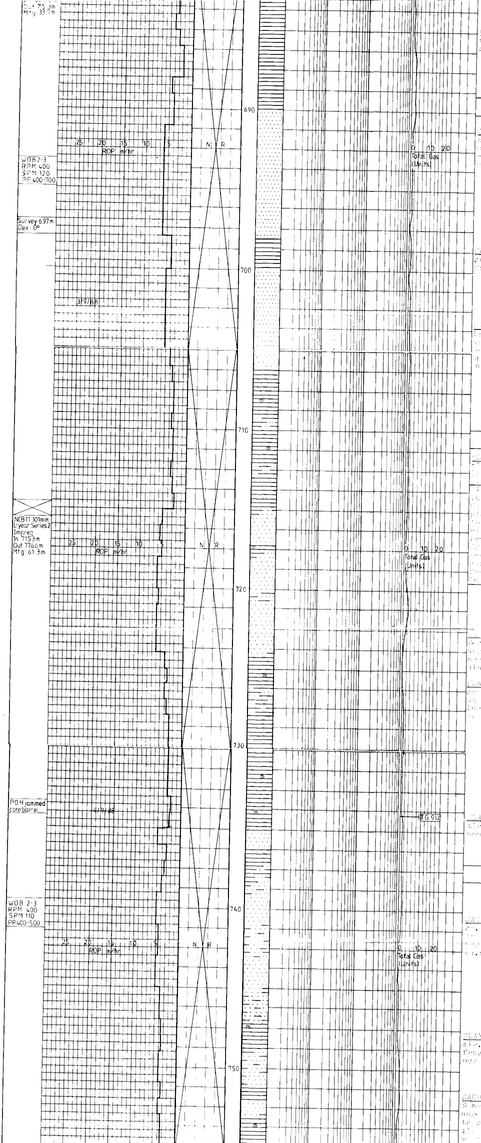
[illegible]

SANDSTONE:as above + occ tr glauc lne.

[illegible]
As for unit above,with increasing Sst content with occ cross bedding strucs.

MUD DATA@674m
W [illegible] V 42

CLAYSTONE:mod red-brn, tr vf gr aren lne, occ micmic,frm-mod hd,sb fiss-occ splntry.



CLAYSTONE:gy olv,occ micmic,frm-occ mod hd, sb fiss.

MUD DATA@690m
W [illegible] V 43

SANDSTONE:lt grn-gy,f-med gr,mod-pr srt,ang-sbr sl rnd,sil-pr calc cmt,tr sil mtx,mod hd-fri,no vis por,no show.

CLAYSTONE:red-brn,tr vf gr sand lo,occ micmic, frm-mod hd,sb fiss.

[illegible]:[illegible] dk red-brn,[illegible] vis por,no show.

MUD DATA@710m
W [illegible] V 42

CLAYSTONE:dk red-brn, micmic,[illegible] to Sltst [illegible]

[illegible]
Interbedded Sandstone and Claystone [illegible] from 6?0m, [illegible]

[illegible]:[illegible] no vis por,no show.

CLAYSTONE:gy,grn,occ vf gr sand l,micmic,occ dk red brn [illegible] frag [illegible]

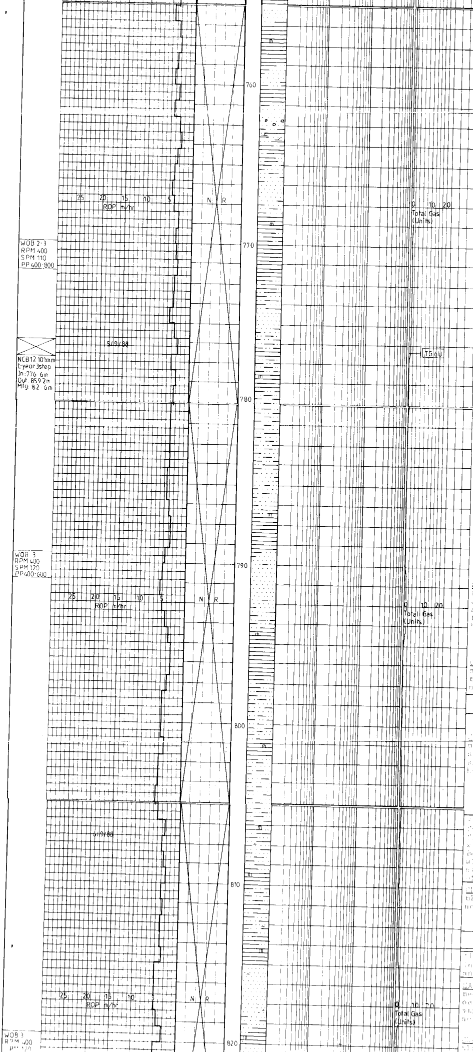
CLAYSTONE:dusky red,occ micmic,mod hd,sb blky, non calc.

MUD DATA@733m
[illegible] V 35

SANDSTONE:[illegible] no vis por,no show.

CLAYSTONE:gy,grn,occ micmic,occ red,brn Clyst frag inc,mod hd,sb blky-occ sb fiss,non calc.

SANDSTONE:m-lt gy,trnsl, f med-cr crs gr,pr srt, ang-sb ang,cr sil cmt, tr sil-occ arg mtx,occ [illegible],mod hd-fri, [illegible]



[illegible]-81[illegible]m
Interbedded Sandstone and Claystone [illegible]
towards base of unit. Below 777m infilled mud cracks, and current bedding in sst. 76[illegible]-76[illegible]m Clyst with [illegible] in assoc with fault. 76[illegible]-769m some [illegible] mineralization in assoc with fracts.

SANDSTONE: gy, orng, pink, f-[illegible] gr, mod srt, sb rnd, occ sil cmt, arg mtx, occ qtz ovrgths, hd, no vis por, no show.

CLAYSTONE: [illegible], [illegible], brn, [illegible], tr thn qtz veins, [illegible] micmic, hd [illegible] fiss, non calc.

[illegible]: gy, pink, orng, f-med-occ v crs [illegible], [illegible] srt, ang, sil cmt, sl - [illegible] arg mtx, [illegible] frag inc, occ qtz ovrgths, hd, no vis [illegible].

CLAYSTONE: Interbedded lt gy, gn, dk [illegible], occ micmic- [illegible] micmic [illegible], mod hd-occ hd, sb blky-sb fiss-occ fiss, non calc.

SANDSTONE: pink, gy, trnsl, f-med gr, mod srt, sb ang-sb rnd, tr sil-rr calc cmt, sil-occ arg mtx, rr Clyst frag inc, occ qtz veining, hd, no vis por, no show.

CLAYSTONE: gy, olv, gn, and micmic, rr thin qtz veins, mod hd, sb fiss-occ fiss, non calc.

MUD DATA@79[illegible]m
W [illegible] V [illegible]

SANDSTONE: [illegible] m-c gr, pr srt, sb ang-sb rnd, occ sil cmt, tr sil mtx, rr qtz ovgrths, hd, no vis por, no show.

[illegible]: [illegible] fault zone, some open fracs [illegible], some lined with qtz xtals.
Below 806m fracs filled with calcite. Small fault at 812m with 2-3mm vein of calcite.

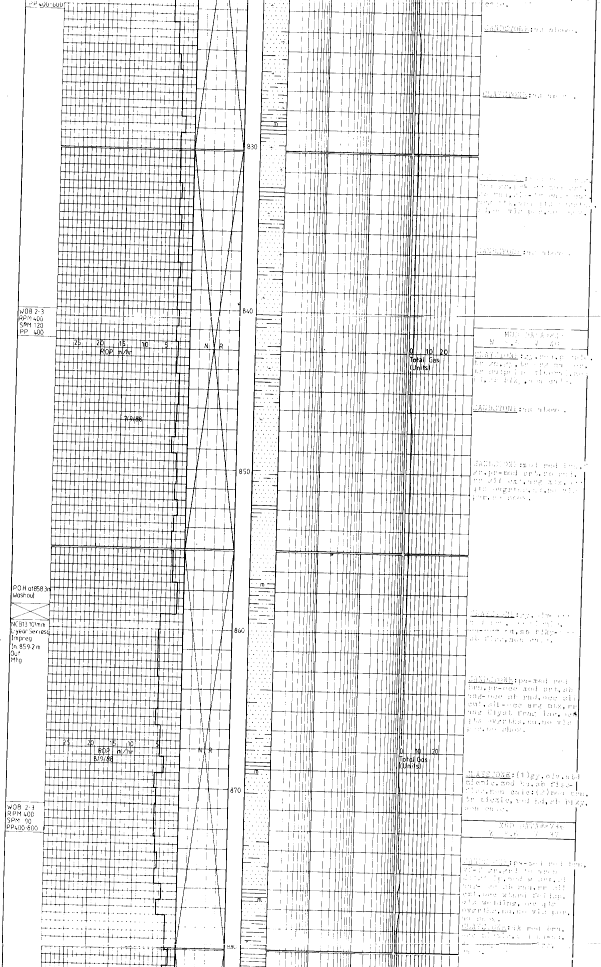
CLAYSTONE: dusky y-l gn, micmic, mod hd, no fiss, non calc.

MUD DATA@81[illegible]m
W [illegible] V [illegible]

81[illegible]-
Interbedded Sandstone and Claystone.

SANDSTONE: gy, orng, f-occ med gr, pr-mod srt, sb rnd, occ sil-rr calc cmt, arg mtx, and qtz ovgrths, hd, no vis por, no show.

CLAYSTONE: dk [illegible], occ [illegible]



[illegible]

SANDSTONE:as above.

CLAYSTONE:as above.

[illegible]:[illegible] ... no vis por,no [illegible].

SANDSTONE:as above.

MUD DATA@[illegible]
W [illegible] V 40

CLAYSTONE:gy,[illegible] ... [illegible] non calc.

SANDSTONE:as above.

SANDSTONE:mod red brn,[illegible] gr,pr-mod srt,[illegible] ... sil cmt,arg mtx,[illegible] qtz ovrgths,[illegible],no vis por,no shows.

CLAYSTONE:gy,olv-[illegible] ... rd,sb blky-[illegible] sb fiss,non calc.

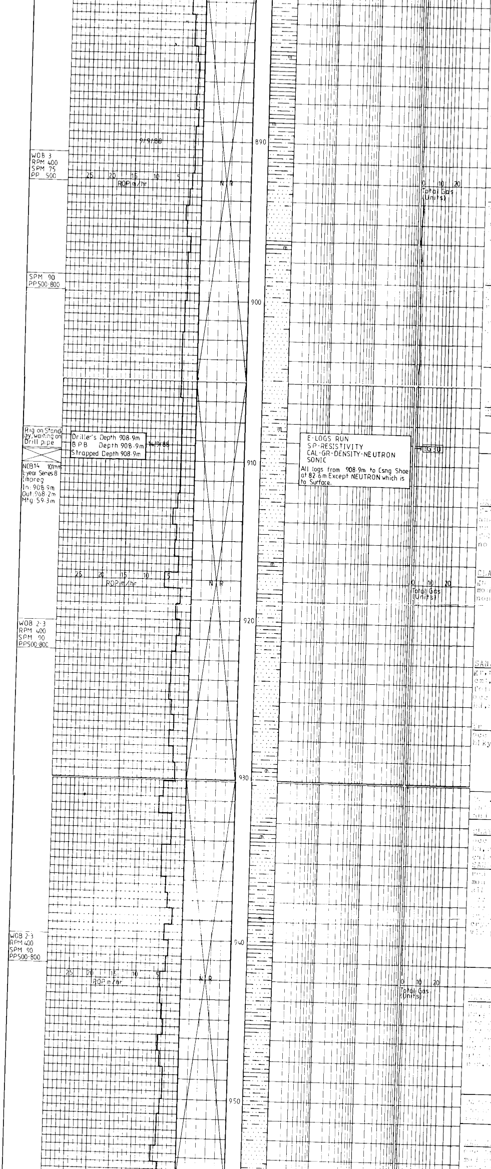
SANDSTONE:pa-med red brn,pr-occ mod srt,sb ang-occ sb rnd,occ sil cmt,sil-occ arg mtx,rr ang Clyst frag inc,occ qtz ovrgths,fri,no vis por,no shows.

CLAYSTONE:(1)gy,olv,sb micmic,mod hd,sb fiss-fiss,non calc:(2)med brn,tr micmic,mod hd,sb blky,non calc.

MUD DATA@[illegible]
W [illegible] V 37

SANDSTONE:pa-med red brn,vf-f gr,[illegible] ... mod w srt,[illegible] ... sb rnd,rr sil cmt,occ white feldsp,qtz welding,occ qtz overgths,fri,no vis por,no shows.

CLAYSTONE:dk red brn,[illegible]



Driller's Depth 908.9m
BPB Depth 908.9m
Strapped Depth 908.9m

E-LOGS RUN
SP-RESISTIVITY
CAL-GR-DENSITY-NEUTRON
SONIC
All logs from 908.9m to Csng Shoe at 82.6m Except NEUTRON which is to Surface.

SANDSTONE:as above.

CLAYSTONE:dk red brn, [illegible] micmic, [illegible], [illegible]lky,non calc.

SANDSTONE:dk red brn, [illegible]

MUD DATA [illegible]

SANDSTONE:[illegible]

SANDSTONE:[illegible] mod gr, [illegible], [illegible] sil mtx, wthrd fsp, occ qtz welding, occ qtz overgths, hd, no vis por, no show.

SANDSTONE:as above.

SANDSTONE:as above.
CLAYSTONE:as above.

MUD DATA @ 908m
W [illegible].6 V 41

SANDSTONE:pa red,brn, f-med gr,pr-mod srt,sb ang-sb rnd,occ sil cmt, rr calc cmt,qtz welding, rd fsp,hd,no vis por, no show.

CLAYSTONE:mod brn,occ gn gy,mod micmic,fm-occ mod hd,sb blky-sb fiss, non calc.

SANDSTONE:dk red,brn,f gr,mod srt,sb ang,sil cmt,occ sil mtx,wthrd fsp,occ qtz welding, occ ang clyst frag incl, hd,no vis por,no show.

Tr CLAYSTONE:dk rd,brn, occ sl mic,mod hd,sb blky-rr sb fiss,non calc.

[illegible] Sandstone and Claystone.

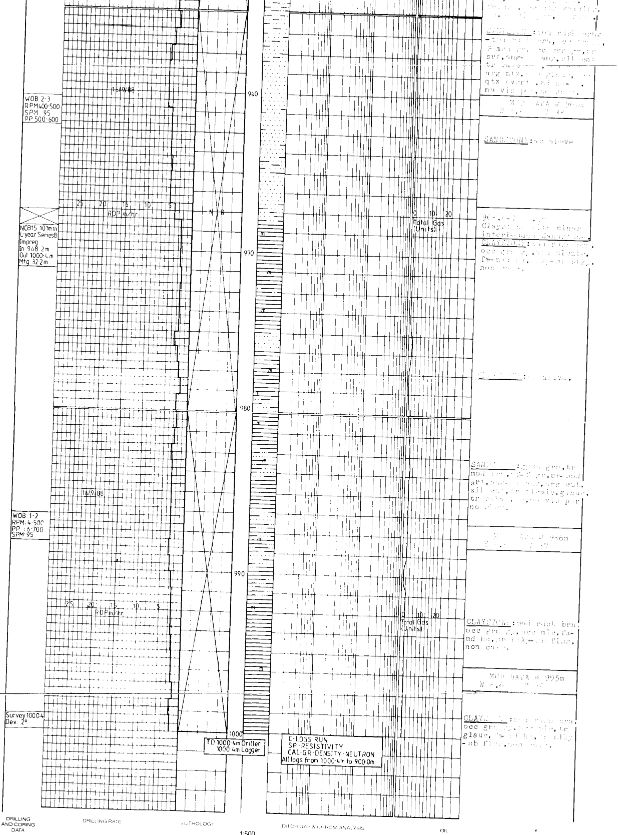
CLAYSTONE:dk red,brn, occ gy grn,micmic,mod hd,sb blky-sb fiss,non calc.
SANDSTONE:mod red-pa red brn,f-occ med gr, mod srt,sb ang-sb rnd, sil cmt,occ sil mtx, [illegible] qtz welding, [illegible] fsp, [illegible] crystals, [illegible],no vis por,no show.

MUD DATA @924m
[illegible] V 39

SANDSTONE:mod red-pa red brn, occ [illegible], f-med gr, [illegible] srt, ang-sb ang, [illegible] cmt,occ sil mtx, [illegible] fsp, occ [illegible] clyst interlam, occ qtz welding,occ [illegible],hd,no vis por,no show.

[illegible] Inter [illegible]

SANDSTONE:dk red brn, [illegible], vf-f gr,pr-mod srt, [illegible] ang, [illegible] sil



[illegible]

SANDSTONE: [illegible] -[illegible], [illegible] mod [illegible], [illegible] srt, ang- [illegible] ang, sil cmt tr [illegible], arg mtx, [illegible], qtz ovgt, [illegible], no vis por, no [illegible].

MUD DATA @ [illegible]
[illegible]

SANDSTONE: as above

96[illegible]
Clayst [illegible] minor interbedded [illegible]
CLAYSTONE: [illegible], occ [illegible], [illegible], fm-[illegible], [illegible] blky, non [illegible].

CLAYSTONE: as above.

SANDSTONE: [illegible] grn, tr mod [illegible], [illegible] gr, pr-mod srt, [illegible], arg mtx, sil cmt, tr [illegible], glauc, tr [illegible], no vis por no [illegible].

MUD DATA @ 9[illegible]m
[illegible]

CLAYSTONE: mod [illegible] brn, occ grn [illegible], occ mic, fm-md [illegible], sb blky-[illegible] fiss, non calc.

MUD DATA @ 995m
W [illegible]

CLAYSTONE: [illegible], occ gr[illegible], [illegible], tr glauc, [illegible], [illegible] -sb fiss, non [illegible].

No. AC1500100

WELL BROUGHTON #1

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