BEACH PETROLEUM NL

COMPOSITE WELL LOG

WELL NAME & NUMBER : **BEACHCOMBER - I**

PETROLEUM TENEMENT **OP 184** STATE **N.T.** BASIN **PEDIRKA** WELL STATUS **PLUGGED AND ABANDONED**

LOCATION : N.7190133·97 E.781984·80
LOCATION : LAT. 25°22'43.89"S LONG. 137°48'8.50"E
ELEVATION : REFERENCE PT. (K.B.) 61.7m A.S.L.
GROUND 56.7m A.S.L.
DATE SPUDDED : 1130 hrs, 29-10-88
DATE DRILLING STOPPED : 0330 hrs, 11-11-88
DATE RIG OFF : 1400 hrs, 14-11-88
TOTAL DEPTH DRILLER : 1829m
TOTAL DEPTH WIRELINE LOG : 1826m

HOLE SIZE :

IN	FROM	TO
12 ¼"	Surface	328m
8 ½"	328m	1826m T.D.

CASING :

IN	WT	GR	DEPTH CMT	CMT'D TO
13 ⅜"			15m	
9 ⅝"			327m	

CEMENT PLUGS :

FROM		TO	SACKS
1770m	–	1800m	
1660m	–	1690m	
1140m	–	1170m	
311m	–	341m	
0m	–	45m	

WELL HEAD FITTINGS : NIL
DRILLED BY : ATCO - APM RIG A7
LOGGED BY : GEARHART CEMENTED BY : HALLIBURTON
DRILLING METHOD: ROTARY MUD LOGGING BY : GEODATA

WIRELINE LOG DATA

Date.	12-11-88	12-11-88	12-11-88	
Run No.	DLL – MSFL	BCS – CAL	SLD – CNT	
Rm at Measured Temp.	0·11 at 30·6°C	0·11 at 30·6°C	0·11 at 30·6°C	at °C
Rmf at Measured Temp.	0·05 at 30·6°C	0·05 at 30·6°C	0·05 at 30·6°C	at °C
Rmc at Measured Temp.	0·16 at 30·6°C	0·16 at 30·6°C	0·16 at 30·6°C	at °C
Source : Rmf Rmc	Meas. Meas.	Meas. Meas.	Meas. Meas.	
Rm at BHT	0·045 at 103·9°C	0·044 at 105·6°C	0·042 at 103·9°C	at °C
Time Since Circ.	20·5 hr	25·5 hr	32·4 hr	
Max. Recorded Temp.	103·9°C	105·6°C	107·8°C	

LOGGING SUITE	LOG	INTERVAL
	BCS-CAL-GR	1822·0m – 14·7m
	DLL-MSFL-GR	1825·4m – 327m
	SLD-CNT-GR	1815·0m – 1565·0m + 1200·0 – 1080·0m
	SIDEWALL CORES	
	VELOCITY SURVEY	

Formation Test Results.

NO TESTS

WELL SYMBOLS

- ○ Gas show, slight.
- ● Oil show, slight.
- ◊ Fluorescence
- ⧖ Plugged interval
- Core, interval, No. & recovery.
- ▶ Sidewall core.
-] Formation test interval and number

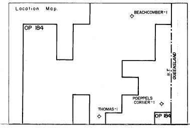
LITHOLOGIC REFERENCE

Sandstone	Carbonaceous
Siltstone	Igneous
Claystone	Basement
Marl	Not seen, No recovery
Calcareous	Micro fossil Macro fossil
Limestone	Pyrite Glauconite
Dolomite	Iron oxide, hyd., etc. Siliceous cement
Coal	Oolith, Pisolith, etc. Lithic fragment

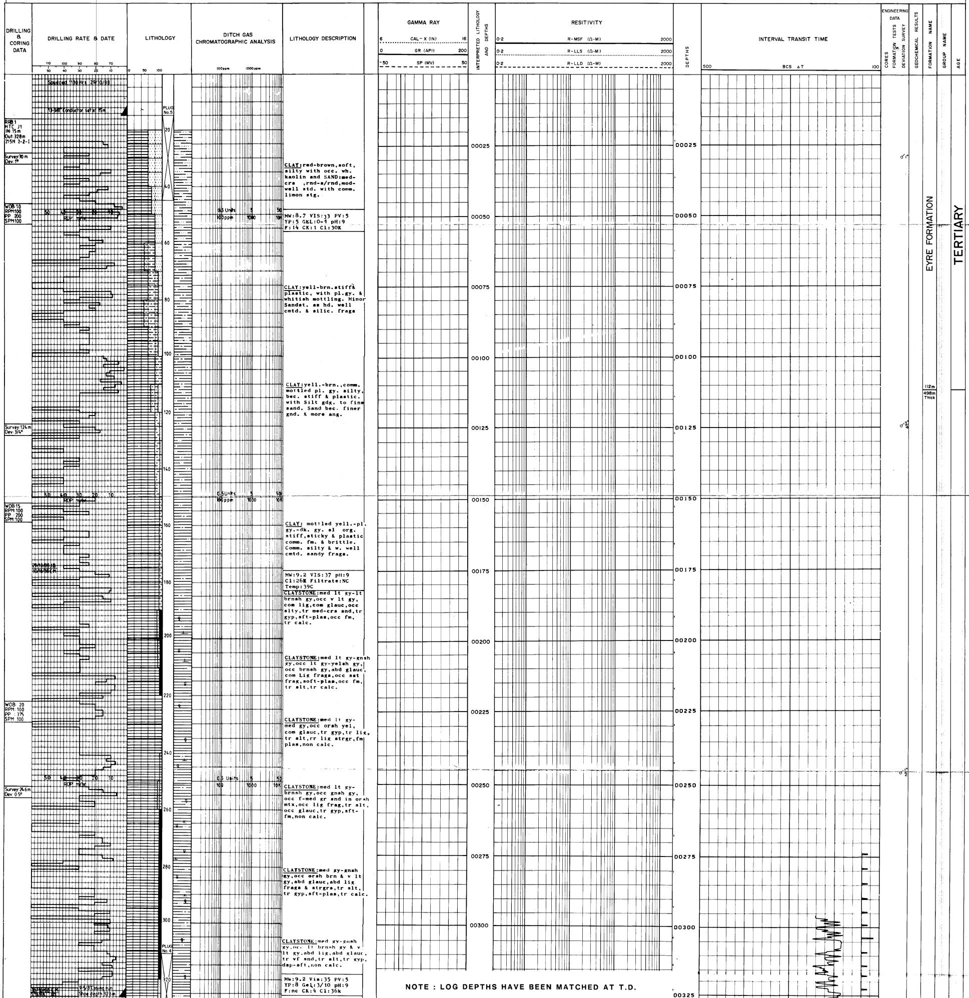
Consortium.

BEACH PETROLEUM N.L.	82·5%
PEKO OIL LTD.	17·5%

Location Map.



BEACH PETROLEUM N.L.	
WELLSITE ENG P. ALLWOOD	WELLSITE GEOL. A. TABASSI
AUTHOR C. DEE	DATE APRIL 1989
DRAFTSMAN A. WILSON	DRG. No. P 1643 R



CLAY:red-brown,soft, silty with occ. wh. kaolin and SAND:med-crs ,rnd-s/rnd,mod-well std. with comm. limon stg.

MW:8.7 VIS:33 PV:5
YP:5 GEL:0-1 pH:9
F:14 CK:1 Cl:30K

CLAY:yell-brn.stiff& plastic, with pl.gy. & whitish mottling. Minor Sandst. as hd. well cmtd. & silic. frags

CLAY:yell.-brn.,comm. mottled pl. gy. silty, bec. stiff & plastic. with Silt gdg. to fine sand. Sand bec. finer gnd. & more ang.

CLAY: mottled yell.-pl. gy.-dk. gy. sl org. stiff,sticky & plastic comm. fm. & brittle. Comm. silty & w. well cmtd. sandy frags.

MW:9.2 VIS:37 pH:9
Cl:26K Filtrate:NC
Temp:39C

CLAYSTONE:med lt gy-lt brnsh gy,occ v lt gy, com lig,com glauc,occ slty,tr med-crs snd,tr gyp,sft-plas,occ fm, tr calc.

CLAYSTONE:med lt gy-gnsh gy,occ lt gy-yelsh gy, occ brnsh gy,abd glauc, com Lig frags,occ sst frag,soft-plas,occ fm, tr slt,tr calc.

CLAYSTONE:med lt gy-med gy,occ orsh yel, com glauc,tr gyp,tr lig, tr slt,rr lig strgr,fm plas,non calc.

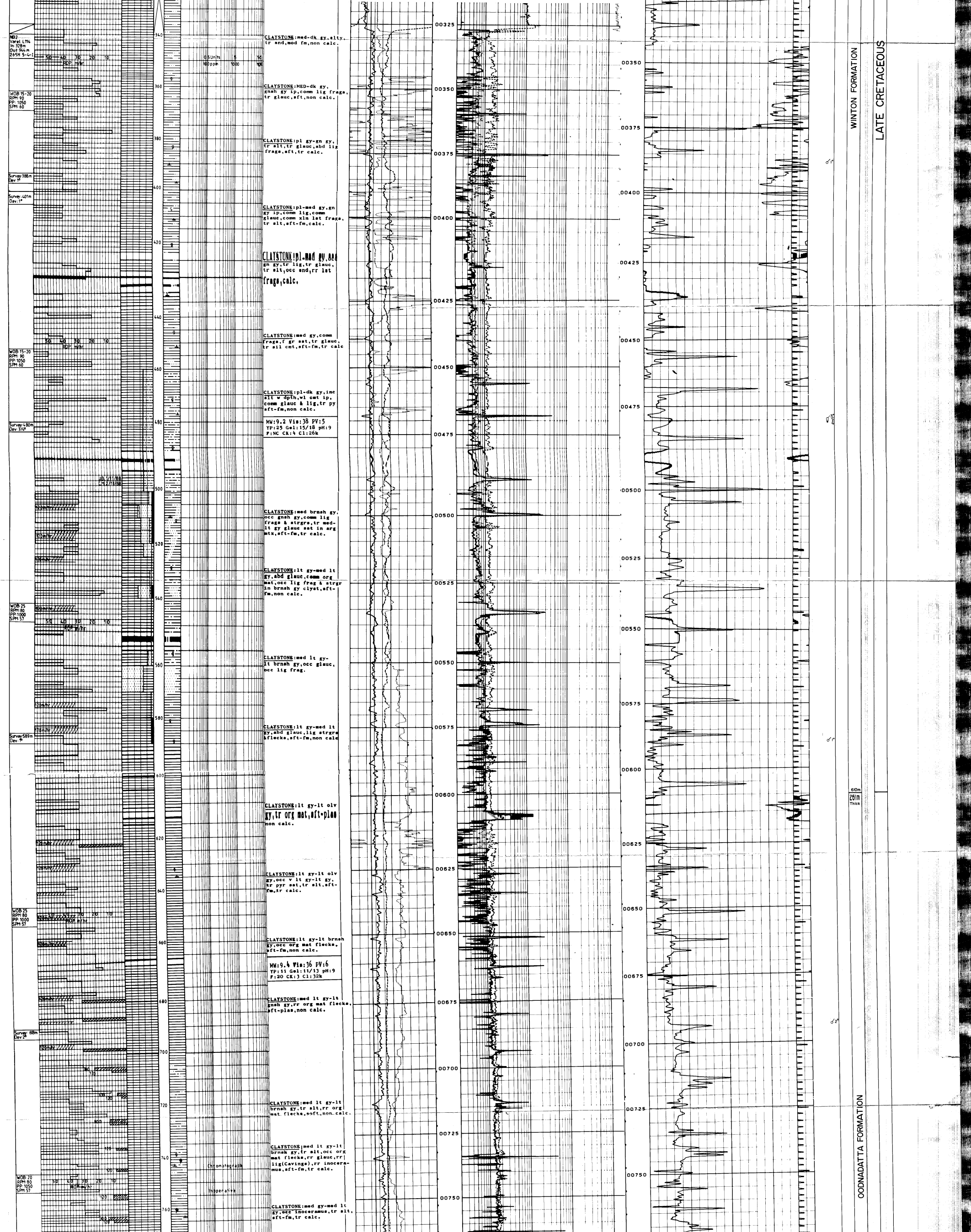
CLAYSTONE:med lt gy-brnsh gy,occ gnsh gy, occ f-med gr snd in orsh mtx,occ lig frag,tr slt, occ glauc,tr gyp,sft-fm,non calc.

CLAYSTONE:med gy-gnsh gy,occ orsh brn & v lt gy,abd glauc,abd lig frags & strgrs,tr slt, tr gyp,sft-plas,tr calc.

CLAYSTONE:med gy-gnsh gy,occ lt brnsh gy & v lt gy,abd lig,abd glauc, tr vf snd,tr slt,tr gyp, dsp-sft,non calc.

MW:9.2 Vis:35 PV:5
YP:8 Gel:3/10 pH:9
F:nc CK:4 Cl:36k

NOTE : LOG DEPTHS HAVE BEEN MATCHED AT T.D.



NB2
Varel L114
In: 328m
Out: 944m
265H 5-4-I

WOB: 15-20
RPM: 90
PP: 1050
SPM: 60

Survey: 388m
Dev: 1°

Survey: 401m
Dev: 1°

WOB: 15-20
RPM: 90
PP: 1050
SPM: 60

Survey: 480m
Dev: 3/4°

WOB: 25
RPM: 80
PP: 1000
SPM: 57

Survey: 589m
Dev: 1°

WOB: 25
RPM: 80
PP: 1000
SPM: 57

Survey: 698m
Dev: 2°

WOB: 20
RPM: 80
PP: 1050
SPM: 57

CLAYSTONE:med-dk gy,slty, tr snd,mod fm,non calc.

CLAYSTONE:MED-dk gy, gnsh gy ip,comm lig frags, tr glauc,sft,non calc.

CLAYSTONE:pl gy-gn gy, tr slt,tr glauc,abd lig frags,sft,tr calc.

CLAYSTONE:pl-med gy,gn gy ip,comm lig,comm glauc,comm xln lst frags, tr slt,sft-fm,calc.

CLAYSTONE:pl-med gy,occ gn gy,tr lig,tr glauc, tr slt,occ snd,rr lst frags,calc.

CLAYSTONE:med gy,comm frags,f gr sst,tr glauc, tr sil cmt,sft-fm,tr calc

CLAYSTONE:pl-dk gy,inc slt w dpth,wl cmt ip, comm glauc & lig,tr py sft-fm,non calc.

MW:9.2 Vis:38 PV:5
YP:25 Gel:15/18 pH:9
F:NC CK:4 Cl:26k

CLAYSTONE:med brnsh gy, occ gnsh gy,comm lig frags & strgrs,tr med-lt gy glauc sst in arg mtx,sft-fm,tr calc.

CLAYSTONE:lt gy-med lt gy,abd glauc,comm org mat,occ lig frag & strgr in brnsh gy clyst,sft-fm,non calc.

CLAYSTONE:med lt gy-lt brnsh gy,occ glauc, occ lig frag.

CLAYSTONE:lt gy-med lt gy,abd glauc,lig strgrs &flecks,sft-fm,non calc

CLAYSTONE:lt gy-lt olv gy,tr org mat,sft-plas non calc.

CLAYSTONE:lt gy-lt olv gy,occ v lt gy-lt gy, tr pyr sst,tr slt,sft-fm,tr calc.

CLAYSTONE:lt gy-lt brnsh gy,occ org mat flecks, sft-fm,non calc.

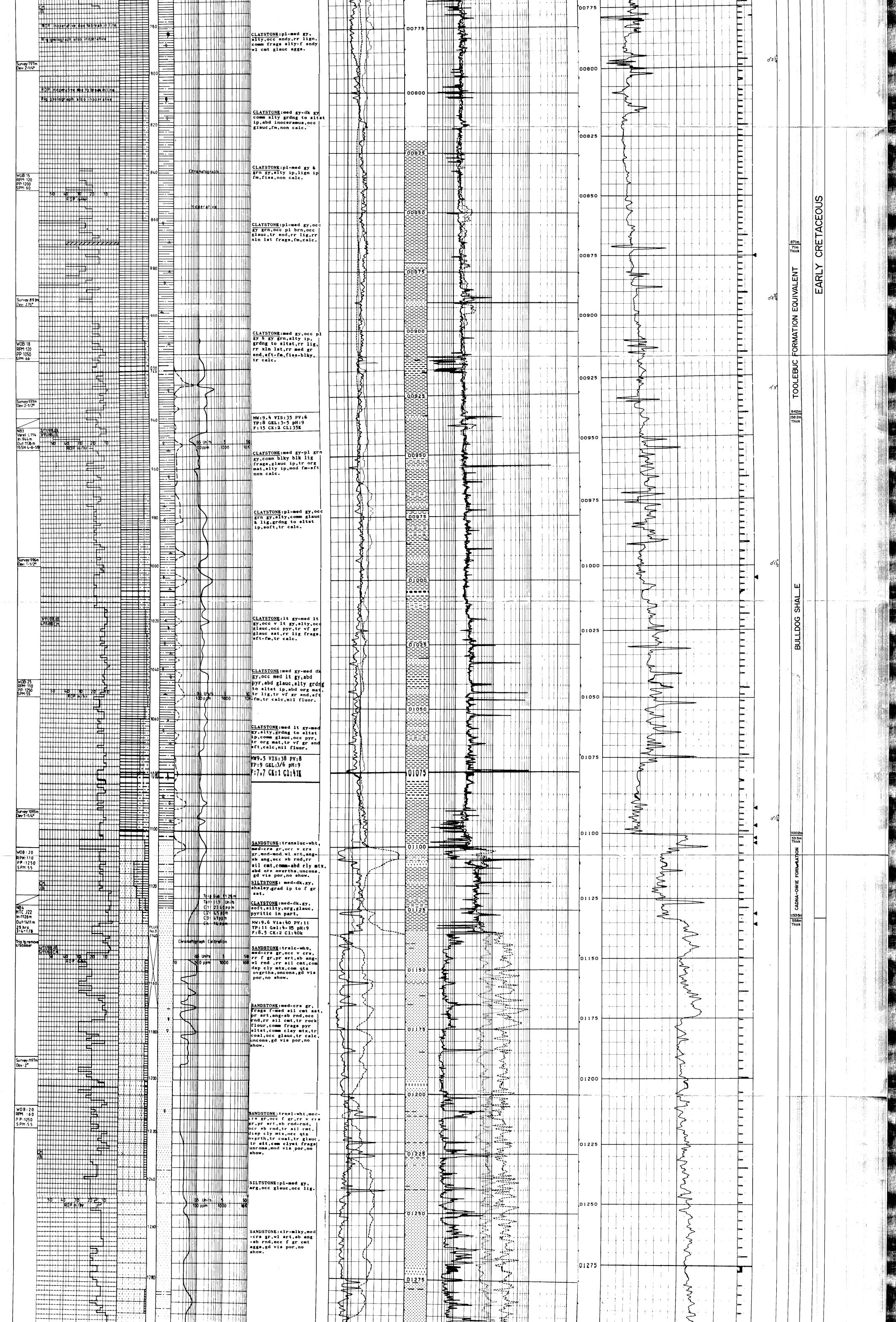
MW:9.4 Vis:36 PV:6
YP:11 Gel:11/13 pH:9
F:20 CK:3 Cl:32k

CLAYSTONE:med lt gy-lt gnsh gy,rr org mat flecks, sft-plas,non calc.

CLAYSTONE:med lt gy-lt brnsh gy,tr slt,rr org mat flecks,soft,non calc.

CLAYSTONE:med lt gy-lt brnsh gy,tr slt,occ org mat flecks,rr glauc,rr lig(Cavings),rr inoceramus,sft-fm,tr calc.

CLAYSTONE:med gy-med lt gy,occ inoceramus,tr slt, sft-fm,tr calc.



CLAYSTONE:pl-med gy, slty,occ sndy,rr lign, comm frags slty-f sndy wl cmt glauc aggs.

CLAYSTONE:med gy-dk gy comm slty grdng to sltst ip,abd inoceramus,occ glauc,,fm,non calc.

CLAYSTONE:pl-med gy & grn gy,slty ip,lign ip fm,fiss,non calc.

CLAYSTONE:pl-med gy,occ gy grn,occ pl brn,occ glauc,tr snd,rr lig,rr xln lst frags,fm,calc.

CLAYSTONE:med gy,occ pl gy & gy grn,slty ip, grdng to sltst,rr lig, rr xln lst,rr med gr snd,sft-fm,fiss-blky, tr calc.

MW:9.4 VIS:35 PV:6
YP:8 GEL:3-5 pH:9
F:15 CK:2 CL:35K

CLAYSTONE:med gy-pl grn gy,comm blky blk lig frags,glauc ip,tr org mat,slty ip,mod fm-sft non calc.

CLAYSTONE:pl-med gy,occ grn gy,slty,comm glauc & lig,grdng to sltst ip,soft,tr calc.

CLAYSTONE:lt gy-med lt gy,occ v lt gy,slty,occ glauc,occ pyr,tr vf gr glauc sst,rr lig frags, sft-fm,tr calc.

CLAYSTONE:med gy-med dk gy,occ med lt gy,abd pyr,abd glauc,slty grdng to sltst ip,abd org mat, tr lig,tr vf gr snd,sft-fm,tr calc,nil fluor.

CLAYSTONE:med lt gy-med gy,slty,grdng to sltst ip,comm glauc,occ pyr, tr org mat,tr vf gr snd sft,calc,nil fluor.

MW9.5 VIS:38 PV:8
YP:9 GEL:3/6 pH:9
F:7.7 CK:1 Cl:41K

SANDSTONE:transluc-wht, med-crs gr,occ v crs gr,mod-mod wl srt,ang-sb ang,occ sb rnd,rr sil cmt,comm-abd cly mtx, abd qtz overths,uncons, gd vis por,no show.

SILTSTONE: med-dk.gy, shaley,grad ip to f gr sst.

CLAYSTONE:med-dk.gy, soft,silty,org,glauc, pyritic in part.

MW:9.6 Vis:40 PV:11
YP:11 Gel:4-15 pH:9
F:8.5 CK:2 Cl:40k

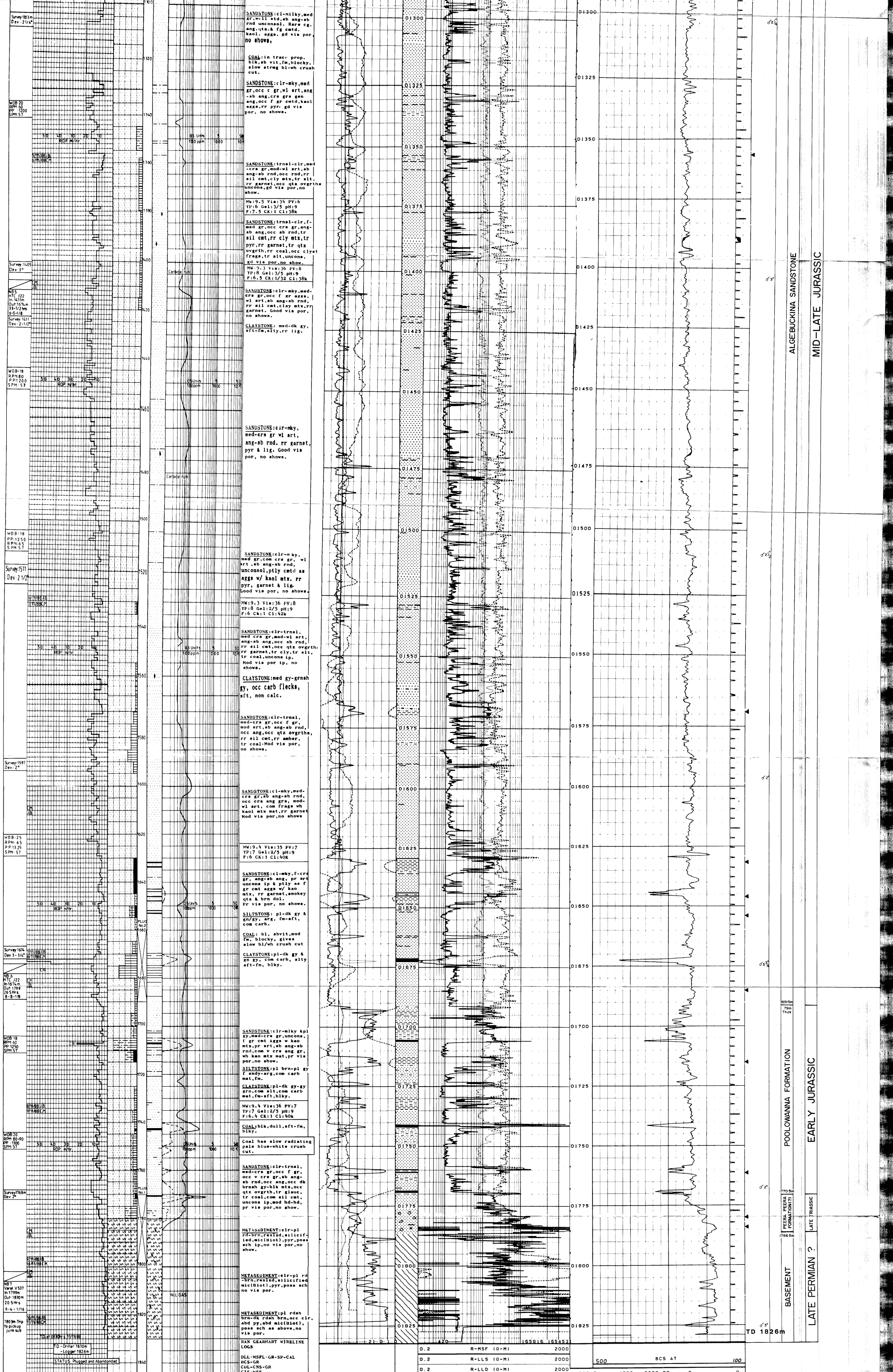
SANDSTONE:trslc-wht, med-crs gr,occ v crs, rr f gr,pr srt,sb ang-wl rnd ,rr sil cmt,com dsp cly mtx,com qtz ovgrths,oncons,gd vis por,no show.

SANDSTONE:med-crs gr, frags f-med sil cmt sst, pr srt,ang-sb rnd,occ rnd,rr sil cmt,tr rock flour,comm frags pyr sltst,comm clay mtx,tr coal,occ glauc,tr calc, uncons,gd vis por,no show.

SANDSTONE:trnsl-wht,med-crs gr,occ f gr,rr v crs gr,pr srt,sb rnd-rnd, occ sb rnd,tr sil cmt, disp cly mtx,occ qtz ovgrth,tr coal,tr glauc, tr slt,com clyst frags uncons,mod vis por,no show.

SILTSTONE:pl-med gy, arg,occ glauc,occ lig.

SANDSTONE:clr-mlky,med -crs gr,wl srt,sb ang -sb rnd,occ f gr cmt aggs,gd vis por,no show.



SANDSTONE: cl-milky, med gr, well std, sb ang-sb rnd unconsol. Rare cg. ang. qtz. & fg cmtd. kaol. aggs. gd vis por, no shows.

COAL: in trace prop. blk, sb vit, fm, blocky, slow strmg bl-wh crush cut.

SANDSTONE: clr-mky, med gr, occ c gr, wl srt, ang-sb ang, crs grs gen ang, occ f gr cmtd, kaol aggs, rr pyr. gd vis por, no shows.

SANDSTONE: trnsl-clr, med-crs gr, mod-wl srt, sb ang-sb rnd, occ rnd, rr sil cmt, cly mtx, tr slt, rr garnet, occ qtz ovgrths uncons, gd vis por, no show.

MW: 9.5 Vis: 34 PV: 6
YP: 6 Gel: 3/5 pH: 9
F: 7.5 CK: 1 Cl: 38k

SANDSTONE: trnsl-clr, f-med gr, occ crs gr, ang-sb ang, occ sb rnd, tr sil cmt, rr cly mtx, tr pyr, rr garnet, tr qtz ovgrth, rr coal, occ clyst frags, tr slt, uncons, gd vis por, no show.

MW: 9.3 Vis: 36 PV: 8
YP: 8 Gel: 3/5 pH: 9
F: 6.5 CK: 1/32 Cl: 38k

SANDSTONE: clr-mky, med-crs gr, occ f gr aggs, wl srt, sb ang-sb rnd, rr sil cmt, clay mtx, rr garnet. Good vis por, no shows.

CLAYSTONE: med-dk gy, sft-fm, slty, rr lig.

SANDSTONE: clr-mky, med-crs gr wl srt, ang-sb rnd. rr garnet, pyr & lig. Good vis por, no shows.

SANDSTONE: clr-mky, med gr, com crs gr, wl srt, sb ang-sb rnd, unconsol, ptly cmtd as aggs w/ kaol mtx. rr pyr, garnet & lig. Good vis por, no shows.

MW: 9.3 Vis: 36 PV: 8
YP: 8 Gel: 2/5 pH: 9
F: 6 Ck: 1 Cl: 42k

SANDSTONE: clr-trnsl, med crs gr, mod-wl srt, ang-sb ang, occ sb rnd, rr sil cmt, occ qtz ovgrth: rr garnet, tr cly, tr slt, tr coal, uncons ip. Mod vis por ip, no shows.

CLAYSTONE: med gy-grnsh gy, occ carb flecks, sft, non calc.

SANDSTONE: clr-trnsl, med-crs gr, occ f gr, mod srt, sb ang-sb rnd, occ ang, occ qtz ovgrths, rr sil cmt, rr amber, tr coal. Mod vis por, no shows.

SANDSTONE: cl-mky, med-crs gr, sb ang-sb rnd, occ crs ang grs, mod-wl srt, com frags wh kaol mtx mat, rr garnet Mod vis por, no shows

MW: 9.4 Vis: 35 PV: 7
YP: 7 Gel: 2/5 pH: 9
F: 6 CK: 1 Cl: 40K

SANDSTONE: cl-mky, f-crs gr, ang-sb ang, pr srt uncons ip & ptly as f gr cmt aggs w/ kao mtx, rr garnet, smokey qtz & brn dol. Pr vis por, no shows.

SILTSTONE: pl-dk gy & gn/gy, arg, fm-sft, com carb.

COAL: bl, sbvit, mod fm, blocky, gives slow bl/wh crush cut

CLAYSTONE: pl-dk gy & gn gy, com carb, slty sft-fm, blky.

SANDSTONE: clr-mlky & pl gy, med-crs gr, uncons, f gr cmt Aggs w kao mtx, pr srt, sb ang-sb rnd, com v crs ang gr, wh kao mtx mat, pr vis por, no show.

SILTSTONE: pl brn-pl gy f sandy-arg, com carb mat, fm.

CLAYSTONE: pl-dk gy-gy grn, com slt, com carb mat, fm-sft, blky.

MW: 9.4 Vis: 36 PV: 7
YP: 7 Gel: 2/5 pH: 9
F: 6.4 CK: 1 Cl: 40k

COAL: blk, dull, sft-fm, blky.

Coal has slow radiating pale blue-white crush cut.

SANDSTONE: clr-trnsl, med-crs gr, occ f gr, occ v crs gr, sb ang-sb rnd, occ ang, occ dk brnsh gy-blk mtx, occ qtz ovgrth, tr glauc, tr coal, com sil cmt, uncons ip, mod hd-hd, pr vis por, no show.

METASEDIMENT: clr-pl rd-brn, rexlzd, silicified, mic(Biot), pyr, poss sch ip, no vis por, no show.

METASEDIMENT: clr-pl rd-brn, rexlzd, silicified mic(Biot), pyr, poss sch no vis por.

METASEDIMENT: pl rdsh brn-dk rdsh brn, occ clr, abd py, abd mic(Biot), poss sch as above, no vis por.

RAN GEARHART WIRELINE LOGS

DLL-MSFL-GR-SP-CAL
BCS-GR
CDL-CNS-GR
CIS-WSS
SWC-SP