

タイ王国石炭・評価調査ファイナル・レポート (図面)

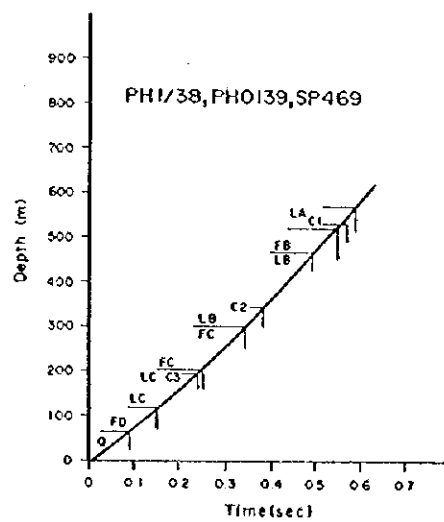
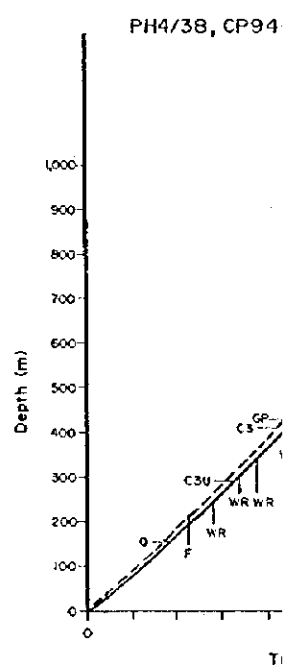
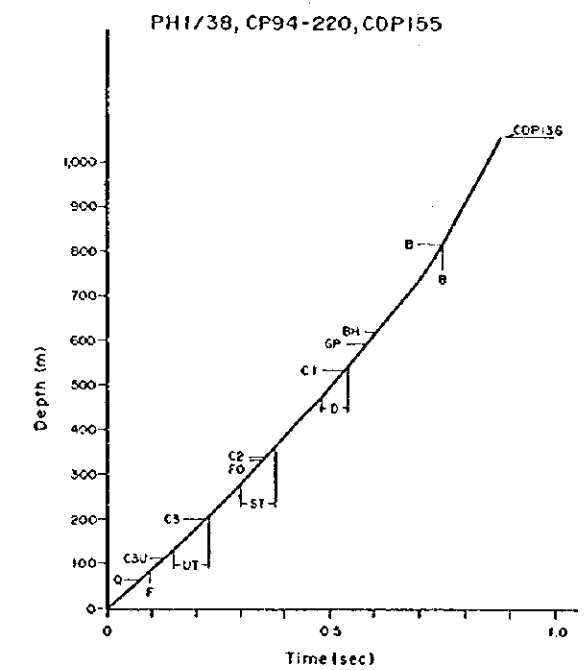
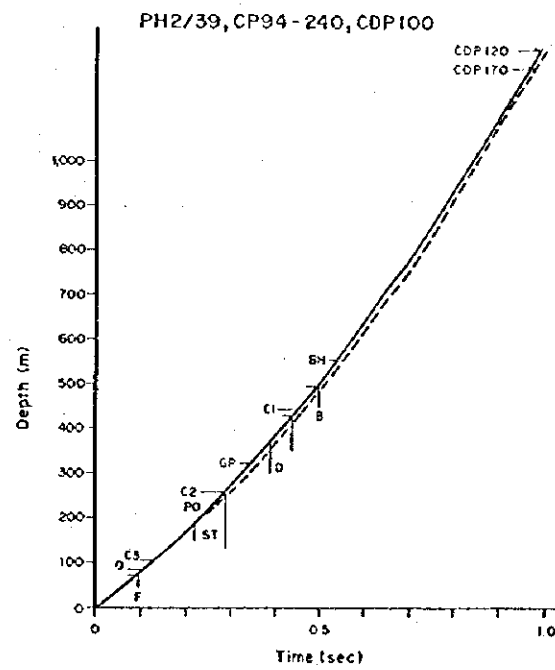
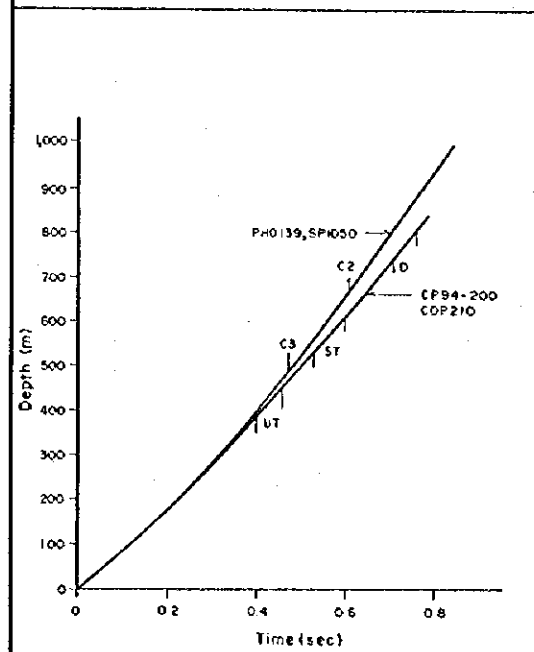
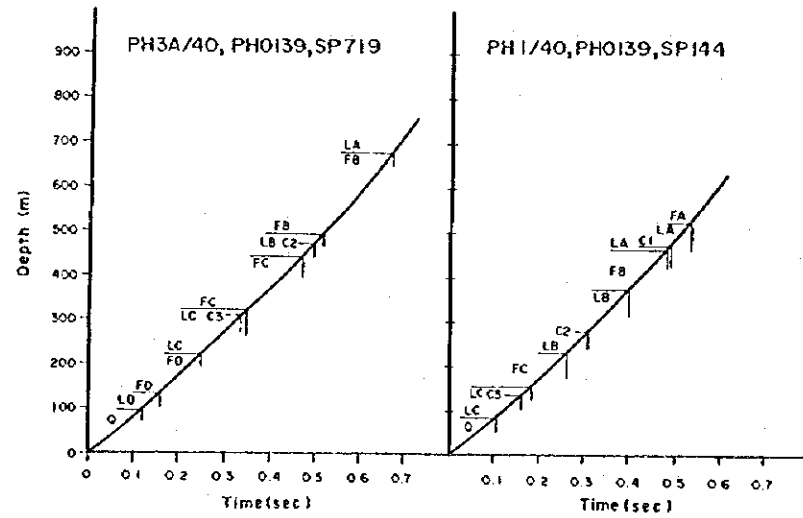
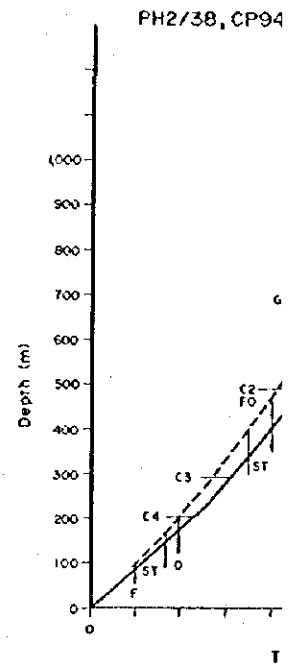
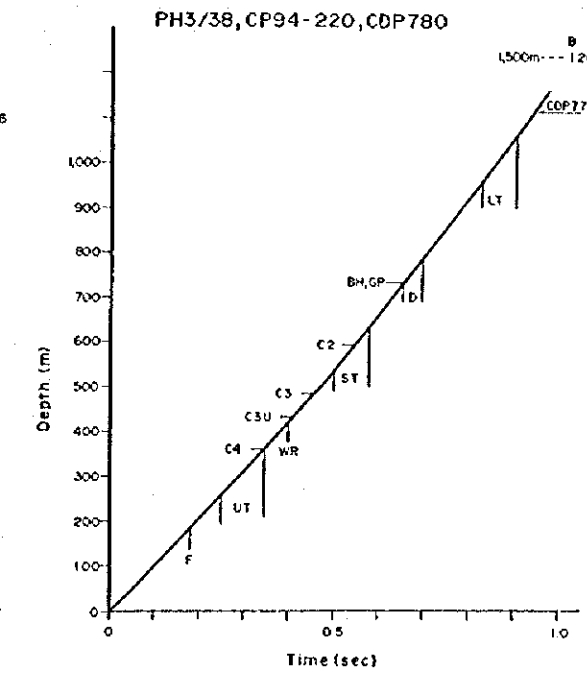
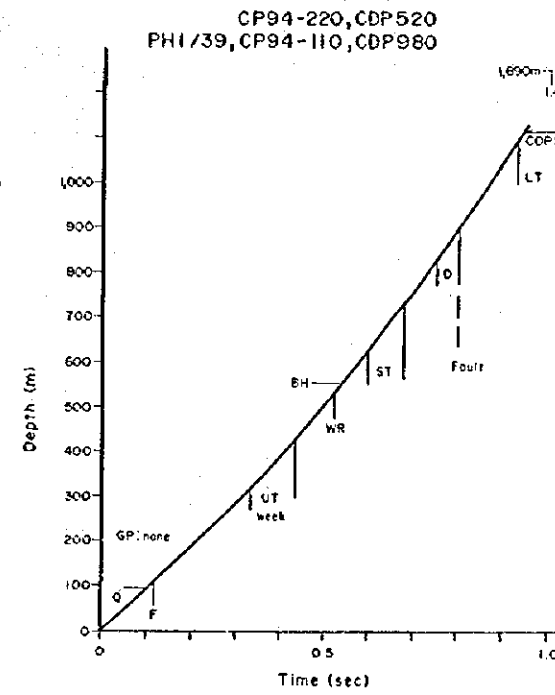
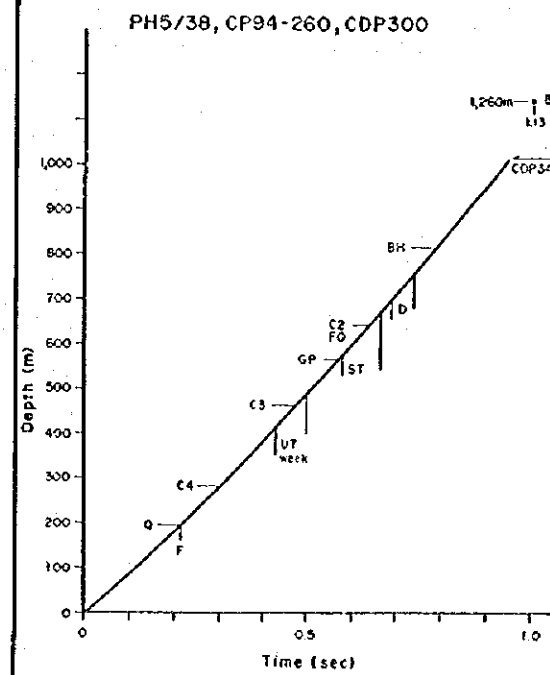
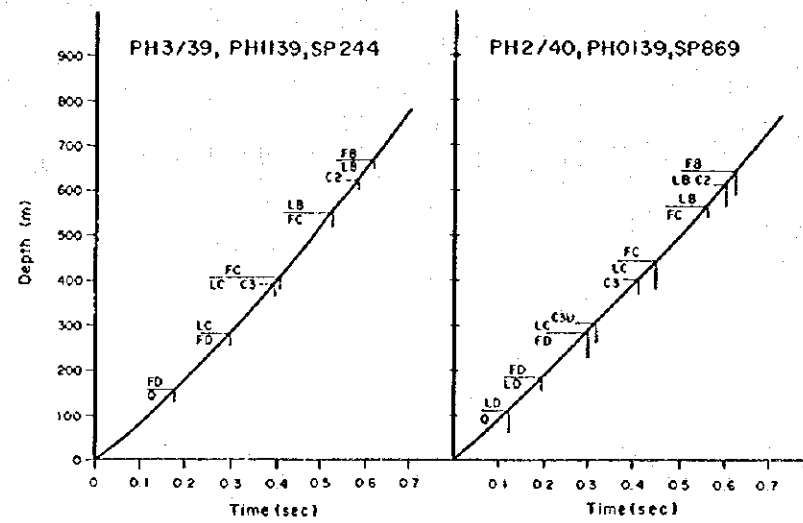
JICA LIBRARY



J 1147699 [1]

ID: 11407905 の付属資料

図面 24枚



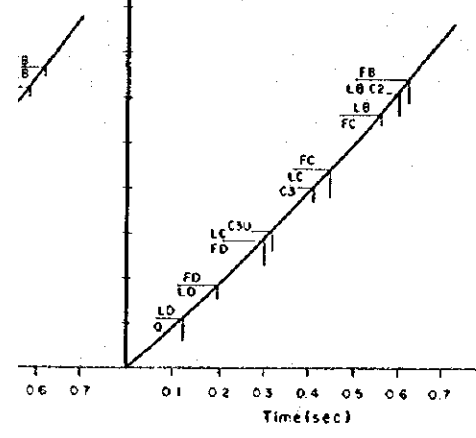
Correlation of the marker reflectors of PH0139, SP1050 and CP94-200, CDP210

Correlation between the seismic reflectors and the marker beds identified by drilling

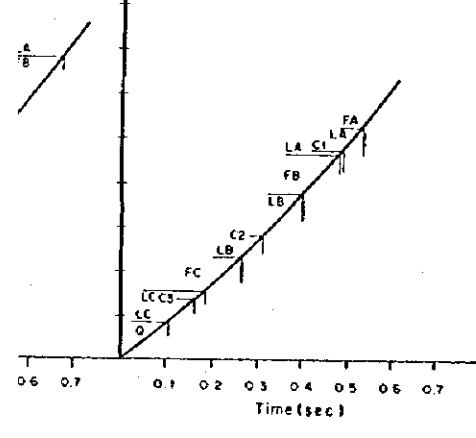
- Legend**
- | | |
|-------------------------------|----------------------------|
| Seismic | Borehole |
| F : first reflector | C1-C4 : lignite bed |
| UT : upper triple reflectors | FO : fossil bed |
| ST : strong triple reflectors | O : Quaternary base |
| D : double reflectors | GP : geophysical log depth |
| LT : lower triple reflectors | BH : borehole depth |
| WR : weak reflector | |
| B : basement | |

Conversion chart between time(sec)/depth(m) of seismic exploration performed by DMR in 1997. The marker beds identified by borehole are shown above the curve.

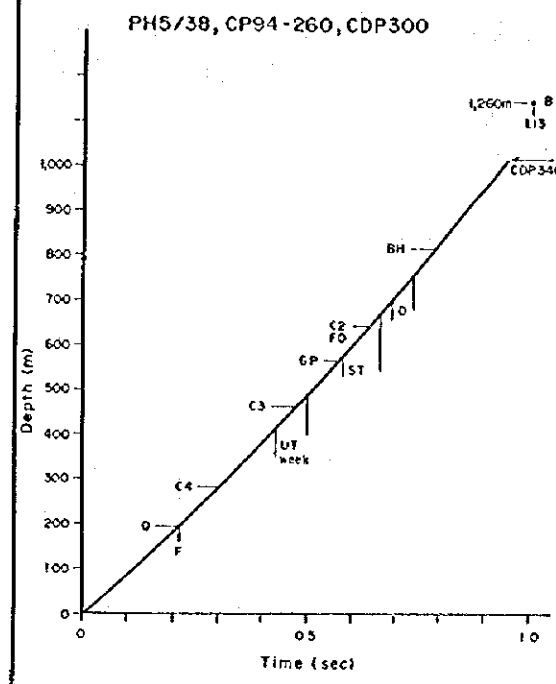
PH2/40, PH0139, SP869



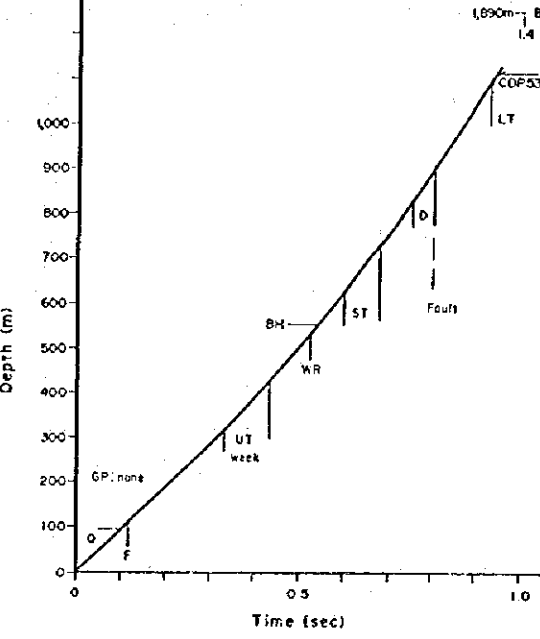
PH1/40, PH0139, SP144



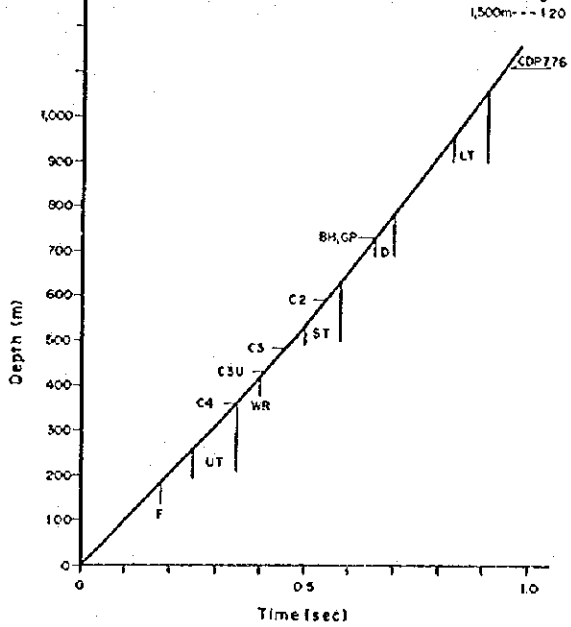
PH5/38, CP94-260, CDP300



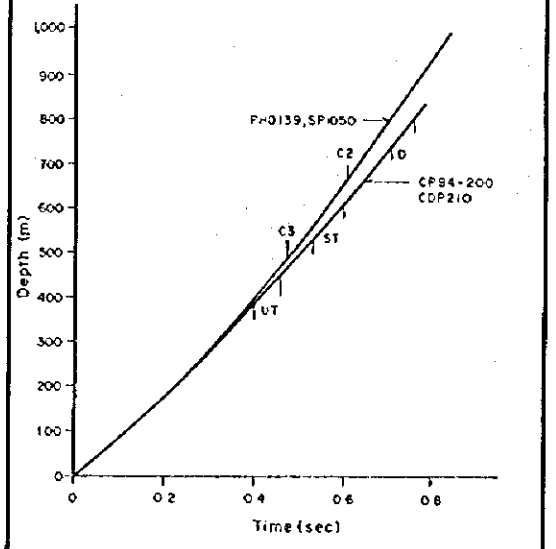
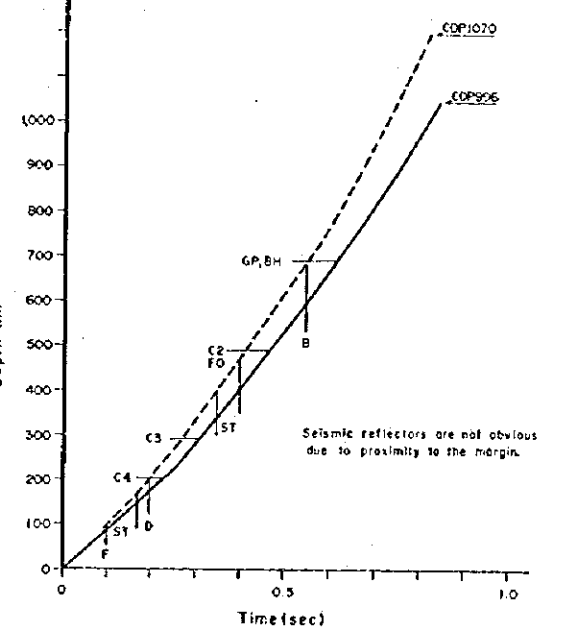
CP94-220, CDP520
PH1/39, CP94-110, CDP980



PH3/38, CP94-220, CDP780

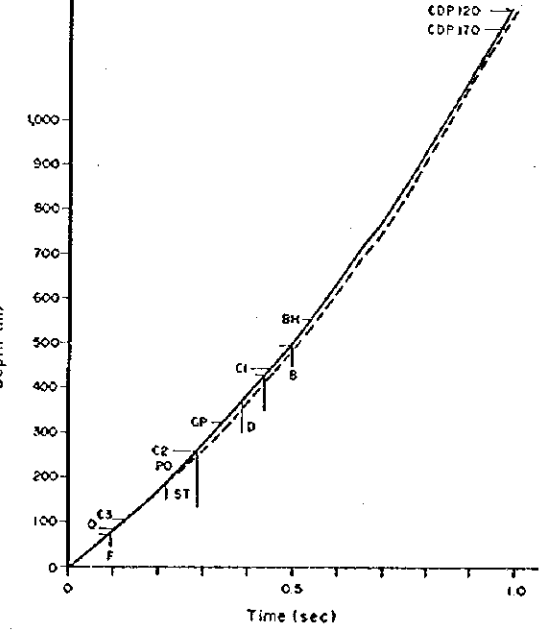


PH2/38, CP94-200, CDP1020



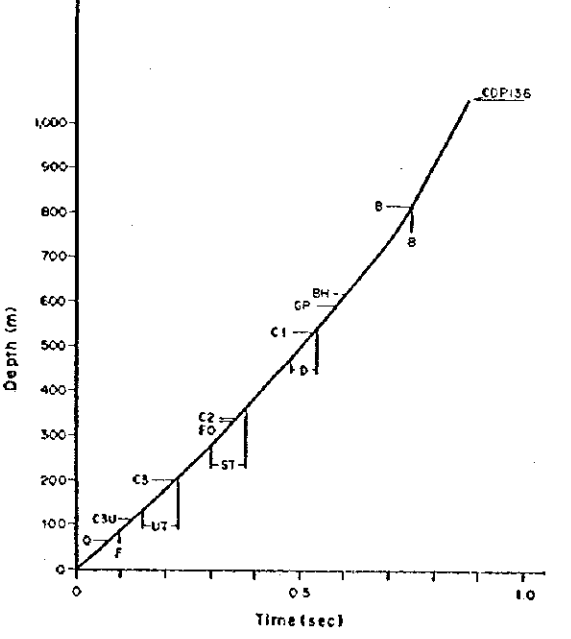
Correlation of the marker reflectors
of PH0139, SP1050 and CP94-200, CDP210

PH2/39, CP94-240, CDP100



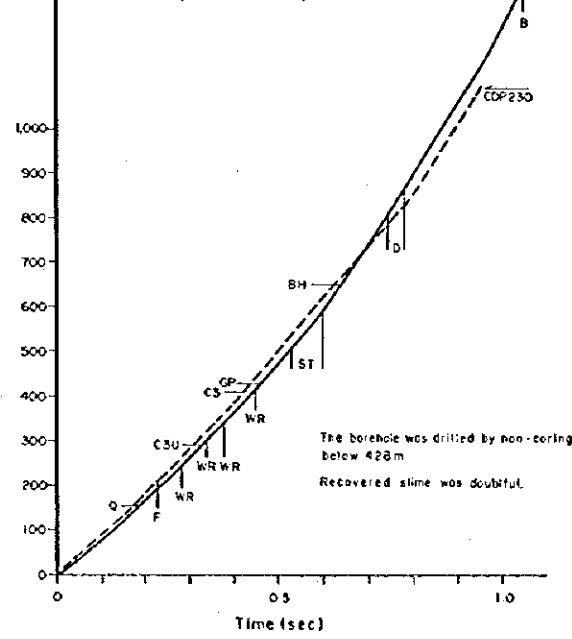
Correlation between the seismic reflectors
and the marker beds identified by drilling

PH1/38, CP94-220, CDP155

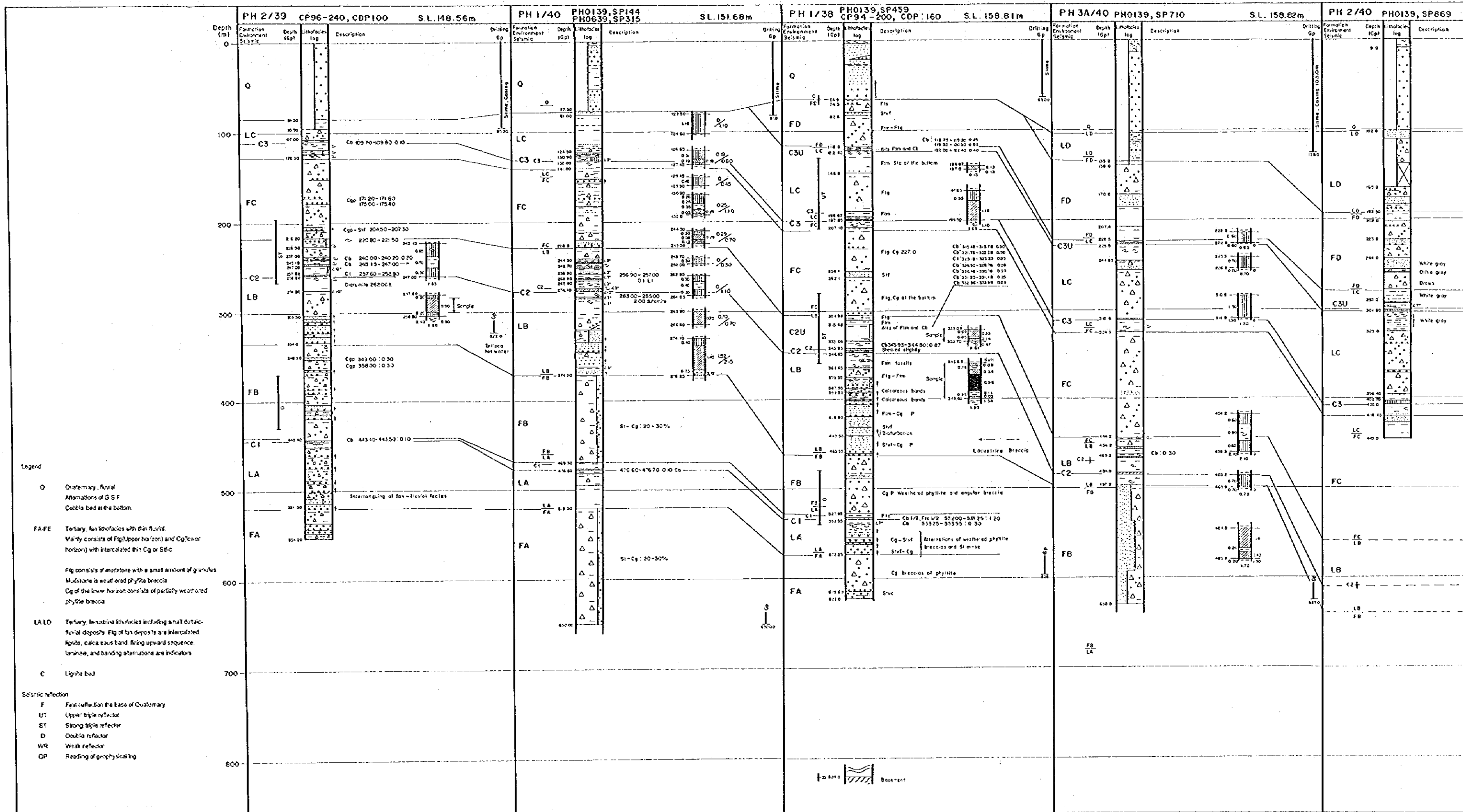


- Legend**
- | | |
|-------------------------------|----------------------------|
| Seismic | Borehole |
| F : first reflector | C1-C4 : lignite bed |
| UT : upper triple reflectors | FO : fossil bed |
| ST : strong triple reflectors | Q : Quaternary base |
| D : double reflectors | GP : geophysical log depth |
| LT : lower triple reflectors | BH : borehole depth |
| WR : weak reflector | |
| B : basement | |

PH4/38, CP94-200, CDP290



time(sec)/depth (m)
formed by DMR in 1997.
by borehole ore shown



DEPARTMENT OF MINERAL RESOURCES

COMPANY	DMR
WELL ID	PH 17/38
FIELD	PHRAE BASIN
COUNTRY	STATE THAILAND
ED APP N	COVER FRAC/TER
NO. 21001511111111	CONTRACT NO.
NO. 4172814414	DEAM CLAP
NO. 11111111111111	MATHRES TIME
TOTAL RESER. 111111	PAR. 1111
ED APP N	COVER FRAC/TER
NO. 21001511111111	CONTRACT NO.
NO. 4172814414	DEAM CLAP
NO. 11111111111111	MATHRES TIME
TOTAL RESER. 111111	PAR. 1111
ED APP N	COVER FRAC/TER
NO. 21001511111111	CONTRACT NO.
NO. 4172814414	DEAM CLAP
NO. 11111111111111	MATHRES TIME
TOTAL RESER. 111111	PAR. 1111

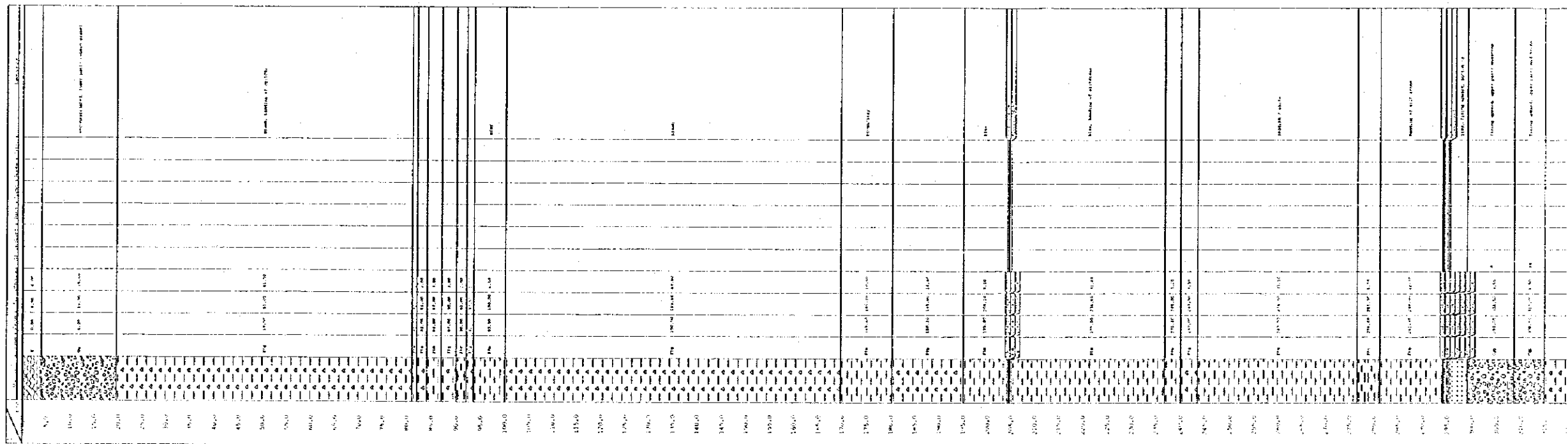
COAL EXPLORATION AND ASSESSMENT
 PHRAE BASIN
 PHRAE BASIN
 PHRAE BASIN
 PHRAE BASIN
 PHRAE BASIN

310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

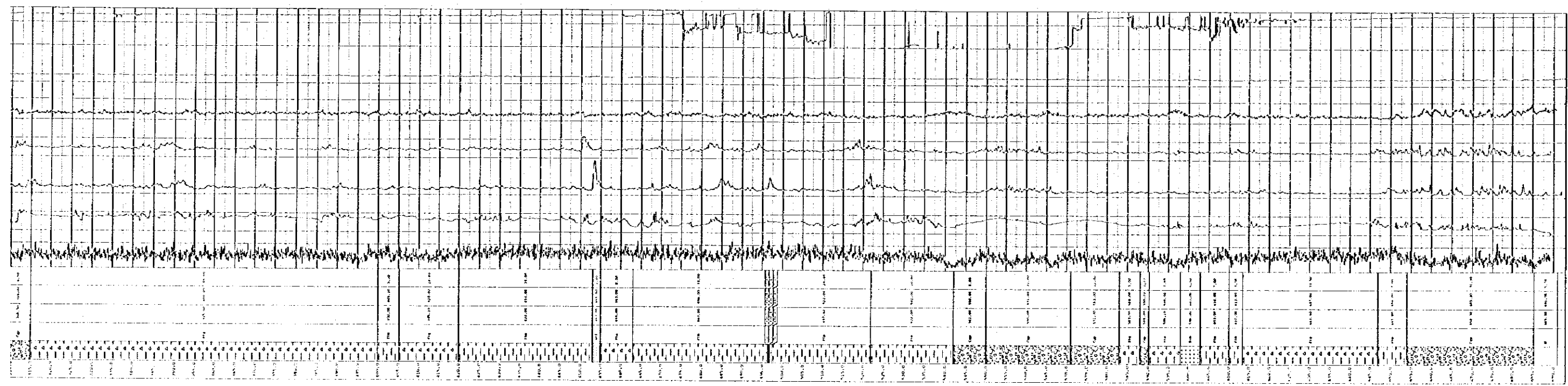
Station	Depth	Interval	Remarks
4200.0	100.0	100.0-200.0	Light brown
4210.0	100.0	200.0-300.0	Light brown
4220.0	100.0	300.0-400.0	Light brown
4230.0	100.0	400.0-500.0	Light brown
4240.0	100.0	500.0-600.0	Light brown
4250.0	100.0	600.0-700.0	Light brown
4260.0	100.0	700.0-800.0	Light brown
4270.0	100.0	800.0-900.0	Light brown
4280.0	100.0	900.0-1000.0	Light brown
4290.0	100.0	1000.0-1100.0	Light brown
4300.0	100.0	1100.0-1200.0	Light brown
4310.0	100.0	1200.0-1300.0	Light brown
4320.0	100.0	1300.0-1400.0	Light brown
4330.0	100.0	1400.0-1500.0	Light brown
4340.0	100.0	1500.0-1600.0	Light brown
4350.0	100.0	1600.0-1700.0	Light brown
4360.0	100.0	1700.0-1800.0	Light brown
4370.0	100.0	1800.0-1900.0	Light brown
4380.0	100.0	1900.0-2000.0	Light brown
4390.0	100.0	2000.0-2100.0	Light brown
4400.0	100.0	2100.0-2200.0	Light brown
4410.0	100.0	2200.0-2300.0	Light brown
4420.0	100.0	2300.0-2400.0	Light brown
4430.0	100.0	2400.0-2500.0	Light brown
4440.0	100.0	2500.0-2600.0	Light brown
4450.0	100.0	2600.0-2700.0	Light brown
4460.0	100.0	2700.0-2800.0	Light brown
4470.0	100.0	2800.0-2900.0	Light brown
4480.0	100.0	2900.0-3000.0	Light brown
4490.0	100.0	3000.0-3100.0	Light brown
4500.0	100.0	3100.0-3200.0	Light brown
4510.0	100.0	3200.0-3300.0	Light brown
4520.0	100.0	3300.0-3400.0	Light brown
4530.0	100.0	3400.0-3500.0	Light brown
4540.0	100.0	3500.0-3600.0	Light brown
4550.0	100.0	3600.0-3700.0	Light brown
4560.0	100.0	3700.0-3800.0	Light brown
4570.0	100.0	3800.0-3900.0	Light brown
4580.0	100.0	3900.0-4000.0	Light brown
4590.0	100.0	4000.0-4100.0	Light brown
4600.0	100.0	4100.0-4200.0	Light brown
4610.0	100.0	4200.0-4300.0	Light brown
4620.0	100.0	4300.0-4400.0	Light brown
4630.0	100.0	4400.0-4500.0	Light brown
4640.0	100.0	4500.0-4600.0	Light brown
4650.0	100.0	4600.0-4700.0	Light brown
4660.0	100.0	4700.0-4800.0	Light brown
4670.0	100.0	4800.0-4900.0	Light brown
4680.0	100.0	4900.0-5000.0	Light brown
4690.0	100.0	5000.0-5100.0	Light brown
4700.0	100.0	5100.0-5200.0	Light brown
4710.0	100.0	5200.0-5300.0	Light brown
4720.0	100.0	5300.0-5400.0	Light brown
4730.0	100.0	5400.0-5500.0	Light brown
4740.0	100.0	5500.0-5600.0	Light brown
4750.0	100.0	5600.0-5700.0	Light brown
4760.0	100.0	5700.0-5800.0	Light brown
4770.0	100.0	5800.0-5900.0	Light brown
4780.0	100.0	5900.0-6000.0	Light brown
4790.0	100.0	6000.0-6100.0	Light brown
4800.0	100.0	6100.0-6200.0	Light brown
4810.0	100.0	6200.0-6300.0	Light brown
4820.0	100.0	6300.0-6400.0	Light brown
4830.0	100.0	6400.0-6500.0	Light brown
4840.0	100.0	6500.0-6600.0	Light brown
4850.0	100.0	6600.0-6700.0	Light brown
4860.0	100.0	6700.0-6800.0	Light brown
4870.0	100.0	6800.0-6900.0	Light brown
4880.0	100.0	6900.0-7000.0	Light brown
4890.0	100.0	7000.0-7100.0	Light brown
4900.0	100.0	7100.0-7200.0	Light brown
4910.0	100.0	7200.0-7300.0	Light brown
4920.0	100.0	7300.0-7400.0	Light brown
4930.0	100.0	7400.0-7500.0	Light brown
4940.0	100.0	7500.0-7600.0	Light brown
4950.0	100.0	7600.0-7700.0	Light brown
4960.0	100.0	7700.0-7800.0	Light brown
4970.0	100.0	7800.0-7900.0	Light brown
4980.0	100.0	7900.0-8000.0	Light brown
4990.0	100.0	8000.0-8100.0	Light brown
5000.0	100.0	8100.0-8200.0	Light brown
5010.0	100.0	8200.0-8300.0	Light brown
5020.0	100.0	8300.0-8400.0	Light brown
5030.0	100.0	8400.0-8500.0	Light brown
5040.0	100.0	8500.0-8600.0	Light brown
5050.0	100.0	8600.0-8700.0	Light brown
5060.0	100.0	8700.0-8800.0	Light brown
5070.0	100.0	8800.0-8900.0	Light brown
5080.0	100.0	8900.0-9000.0	Light brown
5090.0	100.0	9000.0-9100.0	Light brown
5100.0	100.0	9100.0-9200.0	Light brown
5110.0	100.0	9200.0-9300.0	Light brown
5120.0	100.0	9300.0-9400.0	Light brown
5130.0	100.0	9400.0-9500.0	Light brown
5140.0	100.0	9500.0-9600.0	Light brown
5150.0	100.0	9600.0-9700.0	Light brown
5160.0	100.0	9700.0-9800.0	Light brown
5170.0	100.0	9800.0-9900.0	Light brown
5180.0	100.0	9900.0-10000.0	Light brown

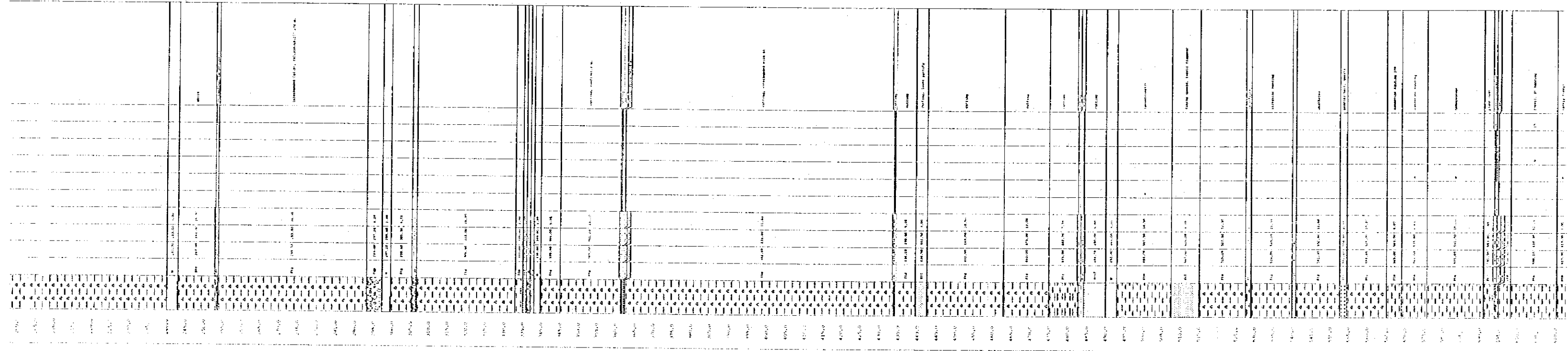
DEPARTMENT OF MINERAL RESOURCES

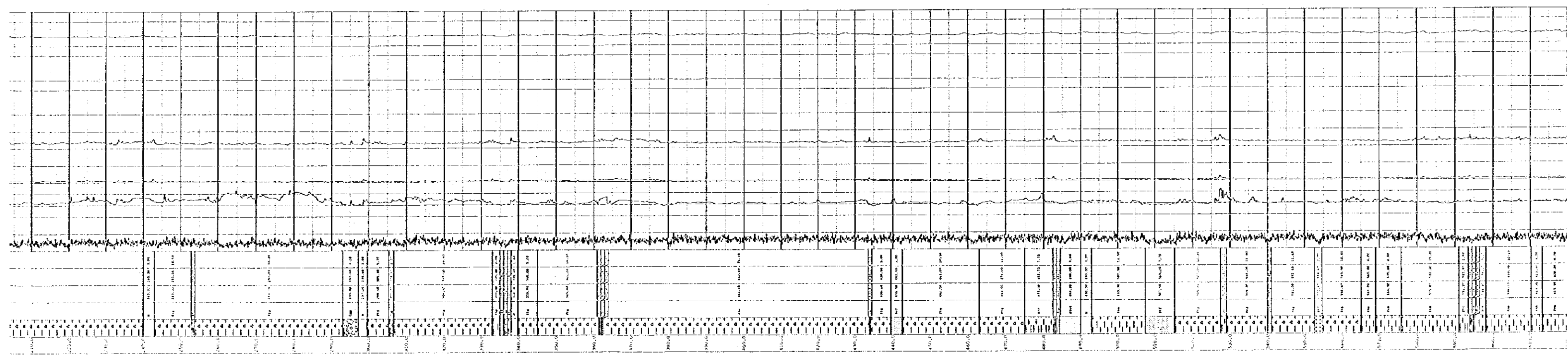
COMPANY	EMR
WELL ID	PH 2/33
FIELD	PHRAS BASIN
COUNTRY	STATE THAILAND
DATE	
TIME	
DEPTH	
...	...

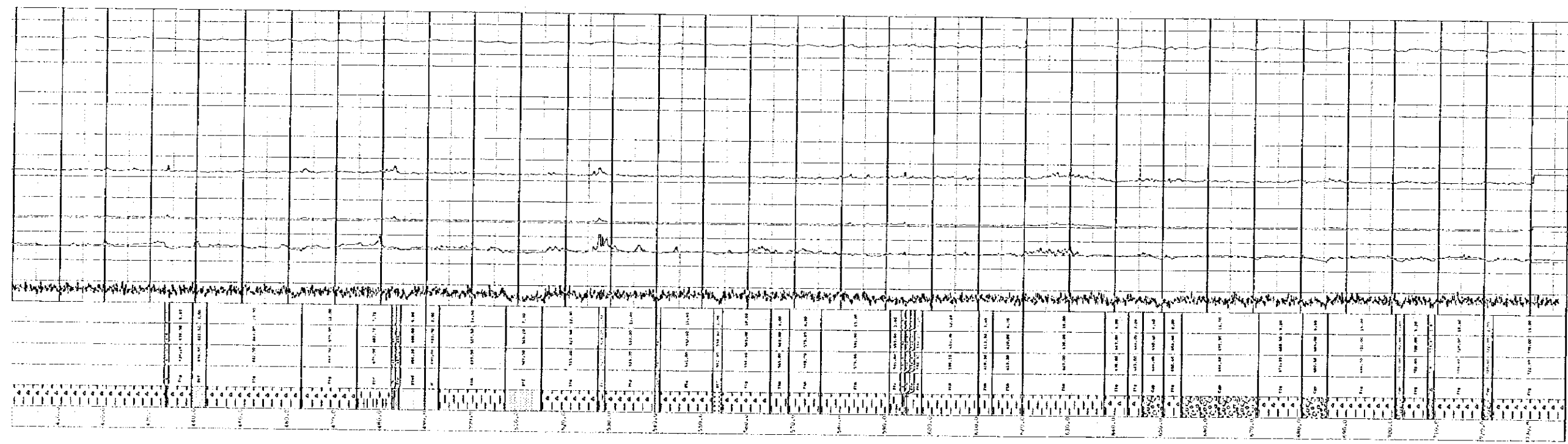


WELL LOGGING AND MEASUREMENT
 DEPARTMENT OF MINERAL RESOURCES
 FORM NO. 100
 (REVISED 1972)

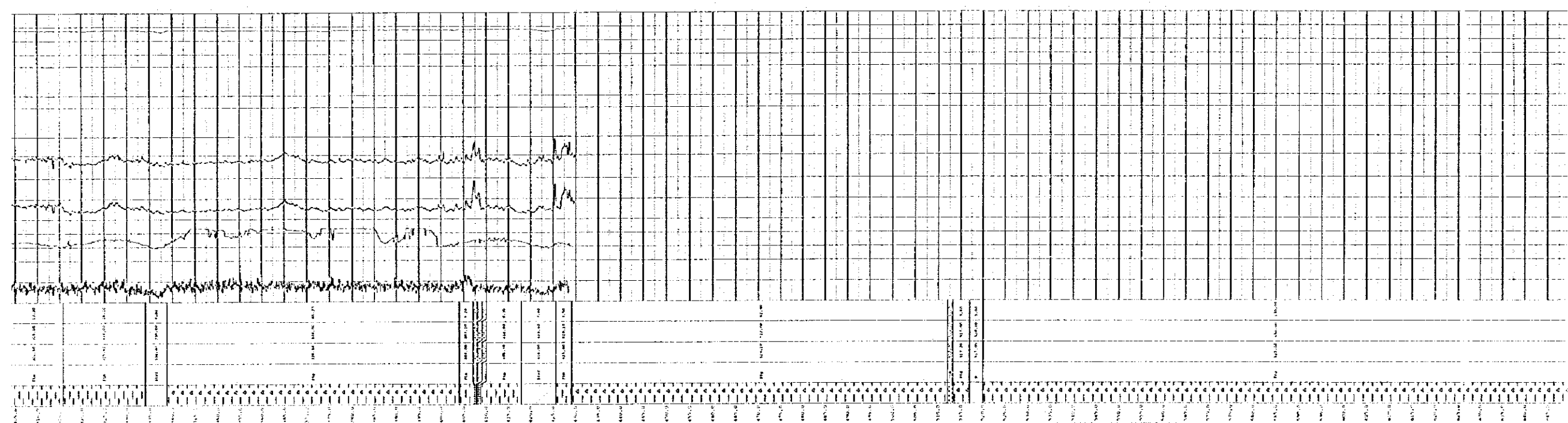


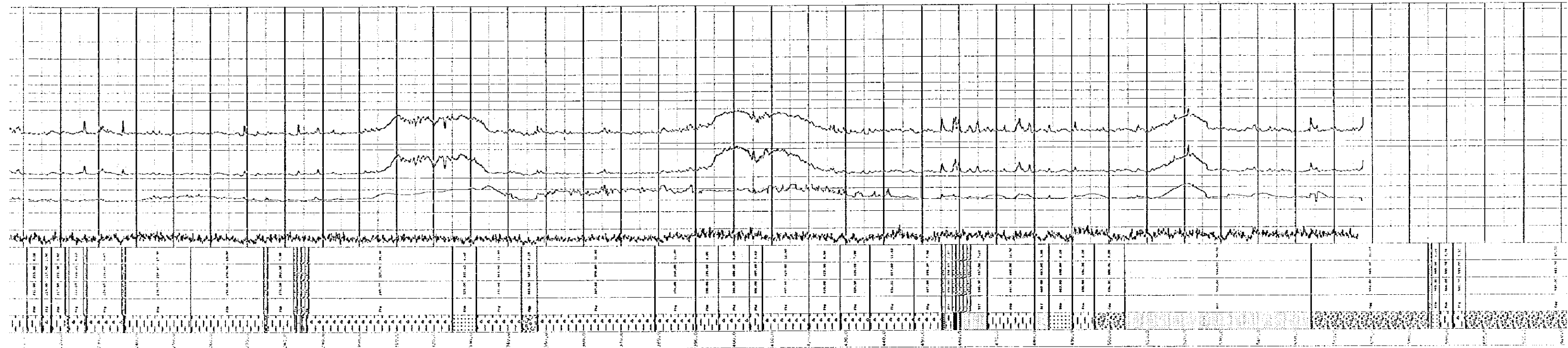


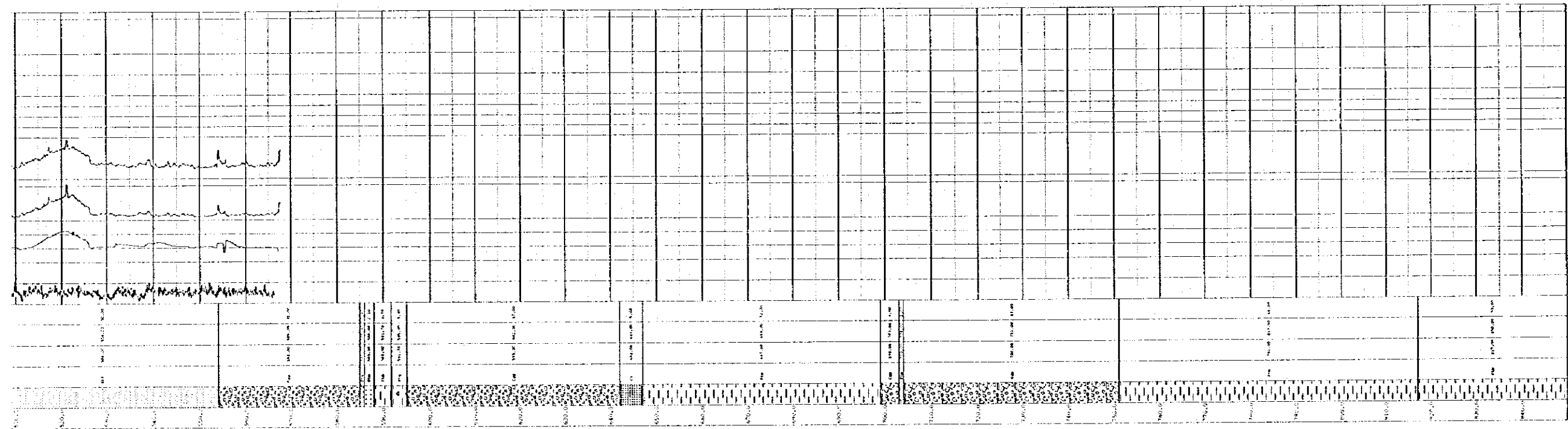




Station	Profile	Notes
410.0	410.0	Top of embankment
411.0	411.0	Top of embankment
412.0	412.0	Top of embankment
413.0	413.0	Top of embankment
414.0	414.0	Top of embankment
415.0	415.0	Top of embankment
416.0	416.0	Top of embankment
417.0	417.0	Top of embankment
418.0	418.0	Top of embankment
419.0	419.0	Top of embankment
420.0	420.0	Top of embankment
421.0	421.0	Top of embankment
422.0	422.0	Top of embankment
423.0	423.0	Top of embankment
424.0	424.0	Top of embankment
425.0	425.0	Top of embankment
426.0	426.0	Top of embankment
427.0	427.0	Top of embankment
428.0	428.0	Top of embankment
429.0	429.0	Top of embankment
430.0	430.0	Top of embankment
431.0	431.0	Top of embankment
432.0	432.0	Top of embankment
433.0	433.0	Top of embankment
434.0	434.0	Top of embankment
435.0	435.0	Top of embankment
436.0	436.0	Top of embankment
437.0	437.0	Top of embankment
438.0	438.0	Top of embankment
439.0	439.0	Top of embankment
440.0	440.0	Top of embankment
441.0	441.0	Top of embankment
442.0	442.0	Top of embankment
443.0	443.0	Top of embankment
444.0	444.0	Top of embankment
445.0	445.0	Top of embankment
446.0	446.0	Top of embankment
447.0	447.0	Top of embankment
448.0	448.0	Top of embankment
449.0	449.0	Top of embankment
450.0	450.0	Top of embankment
451.0	451.0	Top of embankment
452.0	452.0	Top of embankment
453.0	453.0	Top of embankment
454.0	454.0	Top of embankment
455.0	455.0	Top of embankment
456.0	456.0	Top of embankment
457.0	457.0	Top of embankment
458.0	458.0	Top of embankment
459.0	459.0	Top of embankment
460.0	460.0	Top of embankment
461.0	461.0	Top of embankment
462.0	462.0	Top of embankment
463.0	463.0	Top of embankment
464.0	464.0	Top of embankment
465.0	465.0	Top of embankment
466.0	466.0	Top of embankment
467.0	467.0	Top of embankment
468.0	468.0	Top of embankment
469.0	469.0	Top of embankment
470.0	470.0	Top of embankment
471.0	471.0	Top of embankment
472.0	472.0	Top of embankment
473.0	473.0	Top of embankment
474.0	474.0	Top of embankment
475.0	475.0	Top of embankment
476.0	476.0	Top of embankment
477.0	477.0	Top of embankment
478.0	478.0	Top of embankment
479.0	479.0	Top of embankment
480.0	480.0	Top of embankment
481.0	481.0	Top of embankment
482.0	482.0	Top of embankment
483.0	483.0	Top of embankment
484.0	484.0	Top of embankment
485.0	485.0	Top of embankment
486.0	486.0	Top of embankment
487.0	487.0	Top of embankment
488.0	488.0	Top of embankment
489.0	489.0	Top of embankment
490.0	490.0	Top of embankment
491.0	491.0	Top of embankment
492.0	492.0	Top of embankment
493.0	493.0	Top of embankment
494.0	494.0	Top of embankment
495.0	495.0	Top of embankment
496.0	496.0	Top of embankment
497.0	497.0	Top of embankment
498.0	498.0	Top of embankment
499.0	499.0	Top of embankment
500.0	500.0	Top of embankment





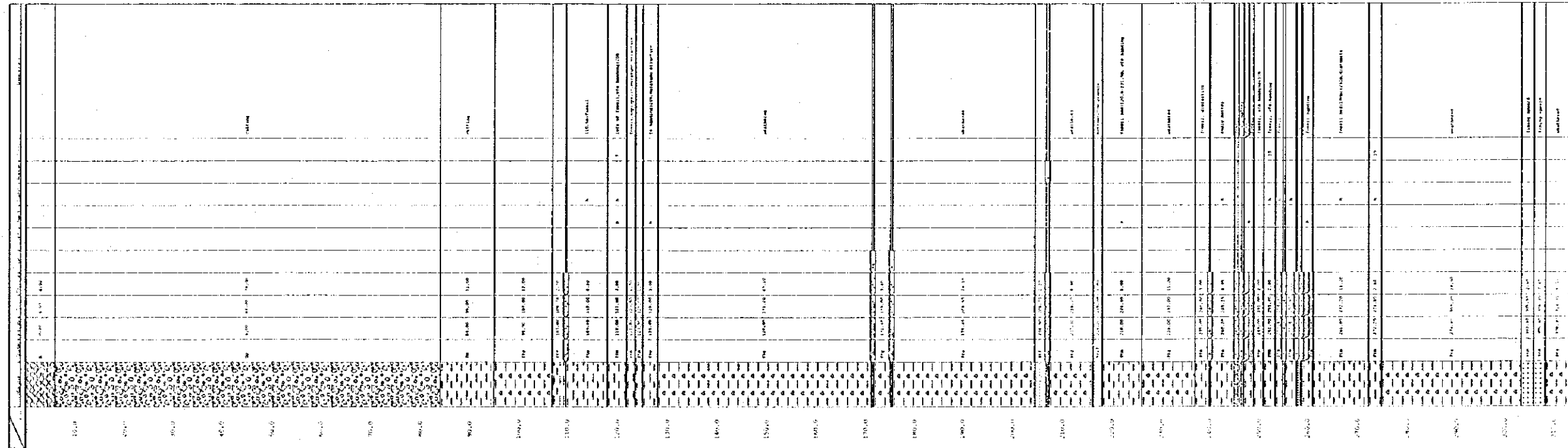


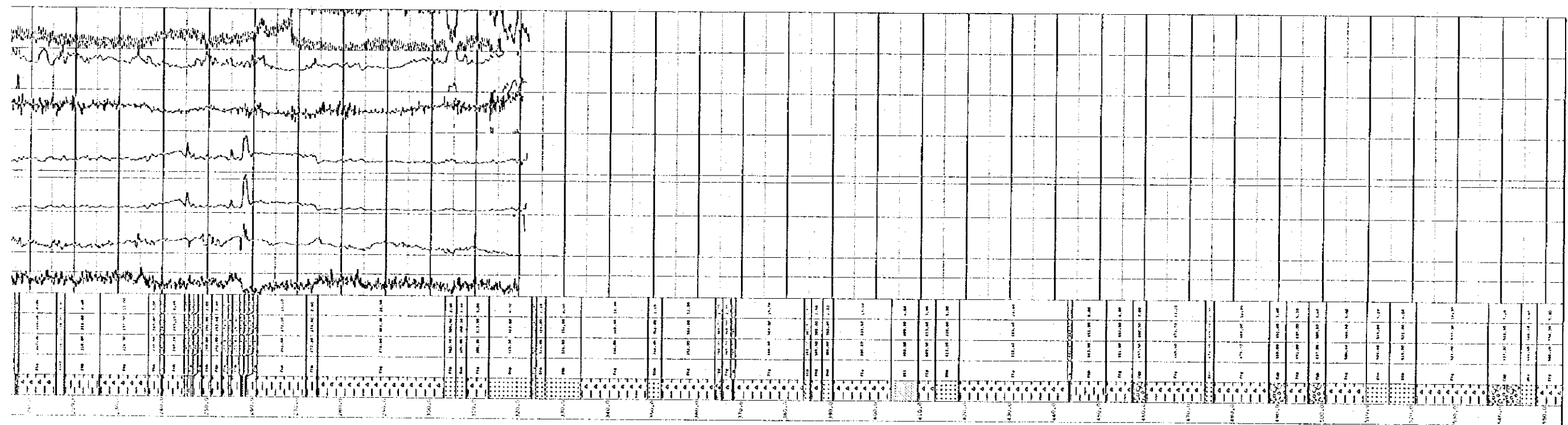
Well No.	Section	Depth (ft)	Interval	Formation	Remarks
101	101	0-10	0-10	Shale	...
102	102	0-10	0-10	Shale	...
103	103	0-10	0-10	Shale	...
104	104	0-10	0-10	Shale	...
105	105	0-10	0-10	Shale	...
106	106	0-10	0-10	Shale	...
107	107	0-10	0-10	Shale	...
108	108	0-10	0-10	Shale	...
109	109	0-10	0-10	Shale	...
110	110	0-10	0-10	Shale	...
111	111	0-10	0-10	Shale	...
112	112	0-10	0-10	Shale	...
113	113	0-10	0-10	Shale	...
114	114	0-10	0-10	Shale	...
115	115	0-10	0-10	Shale	...
116	116	0-10	0-10	Shale	...
117	117	0-10	0-10	Shale	...
118	118	0-10	0-10	Shale	...
119	119	0-10	0-10	Shale	...
120	120	0-10	0-10	Shale	...
121	121	0-10	0-10	Shale	...
122	122	0-10	0-10	Shale	...
123	123	0-10	0-10	Shale	...
124	124	0-10	0-10	Shale	...
125	125	0-10	0-10	Shale	...
126	126	0-10	0-10	Shale	...
127	127	0-10	0-10	Shale	...
128	128	0-10	0-10	Shale	...
129	129	0-10	0-10	Shale	...
130	130	0-10	0-10	Shale	...
131	131	0-10	0-10	Shale	...
132	132	0-10	0-10	Shale	...
133	133	0-10	0-10	Shale	...
134	134	0-10	0-10	Shale	...
135	135	0-10	0-10	Shale	...
136	136	0-10	0-10	Shale	...
137	137	0-10	0-10	Shale	...
138	138	0-10	0-10	Shale	...
139	139	0-10	0-10	Shale	...
140	140	0-10	0-10	Shale	...
141	141	0-10	0-10	Shale	...
142	142	0-10	0-10	Shale	...
143	143	0-10	0-10	Shale	...
144	144	0-10	0-10	Shale	...
145	145	0-10	0-10	Shale	...
146	146	0-10	0-10	Shale	...
147	147	0-10	0-10	Shale	...
148	148	0-10	0-10	Shale	...
149	149	0-10	0-10	Shale	...
150	150	0-10	0-10	Shale	...
151	151	0-10	0-10	Shale	...
152	152	0-10	0-10	Shale	...
153	153	0-10	0-10	Shale	...
154	154	0-10	0-10	Shale	...
155	155	0-10	0-10	Shale	...
156	156	0-10	0-10	Shale	...
157	157	0-10	0-10	Shale	...
158	158	0-10	0-10	Shale	...
159	159	0-10	0-10	Shale	...
160	160	0-10	0-10	Shale	...
161	161	0-10	0-10	Shale	...
162	162	0-10	0-10	Shale	...
163	163	0-10	0-10	Shale	...
164	164	0-10	0-10	Shale	...
165	165	0-10	0-10	Shale	...
166	166	0-10	0-10	Shale	...
167	167	0-10	0-10	Shale	...
168	168	0-10	0-10	Shale	...
169	169	0-10	0-10	Shale	...
170	170	0-10	0-10	Shale	...
171	171	0-10	0-10	Shale	...
172	172	0-10	0-10	Shale	...
173	173	0-10	0-10	Shale	...
174	174	0-10	0-10	Shale	...
175	175	0-10	0-10	Shale	...
176	176	0-10	0-10	Shale	...
177	177	0-10	0-10	Shale	...
178	178	0-10	0-10	Shale	...
179	179	0-10	0-10	Shale	...
180	180	0-10	0-10	Shale	...
181	181	0-10	0-10	Shale	...
182	182	0-10	0-10	Shale	...
183	183	0-10	0-10	Shale	...
184	184	0-10	0-10	Shale	...
185	185	0-10	0-10	Shale	...
186	186	0-10	0-10	Shale	...
187	187	0-10	0-10	Shale	...
188	188	0-10	0-10	Shale	...
189	189	0-10	0-10	Shale	...
190	190	0-10	0-10	Shale	...
191	191	0-10	0-10	Shale	...
192	192	0-10	0-10	Shale	...
193	193	0-10	0-10	Shale	...
194	194	0-10	0-10	Shale	...
195	195	0-10	0-10	Shale	...
196	196	0-10	0-10	Shale	...
197	197	0-10	0-10	Shale	...
198	198	0-10	0-10	Shale	...
199	199	0-10	0-10	Shale	...
200	200	0-10	0-10	Shale	...

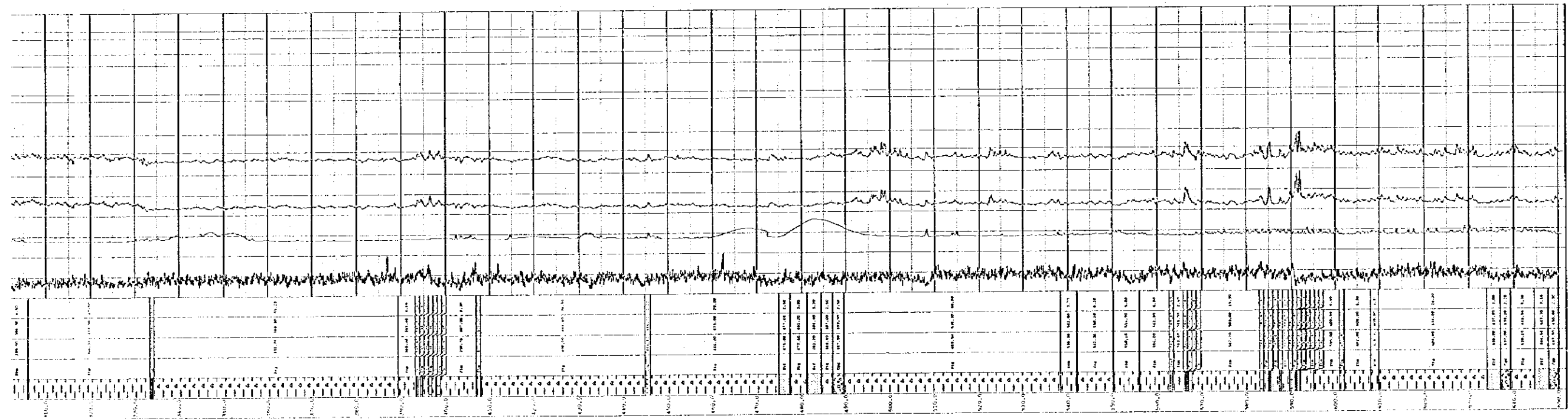
DEPARTMENT OF MINERAL RESOURCES

COMPANY LMR		WELL ID FB 2/39	
FIELD PERAE BASIN		STATE THAILAND	
LOCATION		COORDINATES	
N 13° 30' 00" E D 1000.000 M T 1000.000 M TOTAL 1414.213 M		UTM ZONE 48 Q EASTING 1000000 NORTHING 1000000 FALSE EASTING 500000 FALSE NORTHING 0	
WELL NO.	23	WELL TYPE	W
WELL DEPTH	1000	WELL DIAMETER	100
WELL STATUS	ACTIVE	WELL DATE	1980
WELL OWNER	LMR	WELL OPERATOR	LMR
WELL SURVEYOR		WELL LOGGERS	
WELL LOG NO.		WELL LOG DATE	
WELL LOG SCALE		WELL LOG UNIT	
WELL LOG TYPE		WELL LOG METHOD	
WELL LOG MATERIAL		WELL LOG COMMENTS	
WELL LOG SIGNATURE		WELL LOG DATE	
WELL LOG TITLE		WELL LOG NUMBER	
WELL LOG SCALE		WELL LOG UNIT	
WELL LOG TYPE		WELL LOG METHOD	
WELL LOG MATERIAL		WELL LOG COMMENTS	
WELL LOG SIGNATURE		WELL LOG DATE	
WELL LOG TITLE		WELL LOG NUMBER	

THIS LOG IS THE PROPERTY OF THE DEPARTMENT OF MINERAL RESOURCES AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.





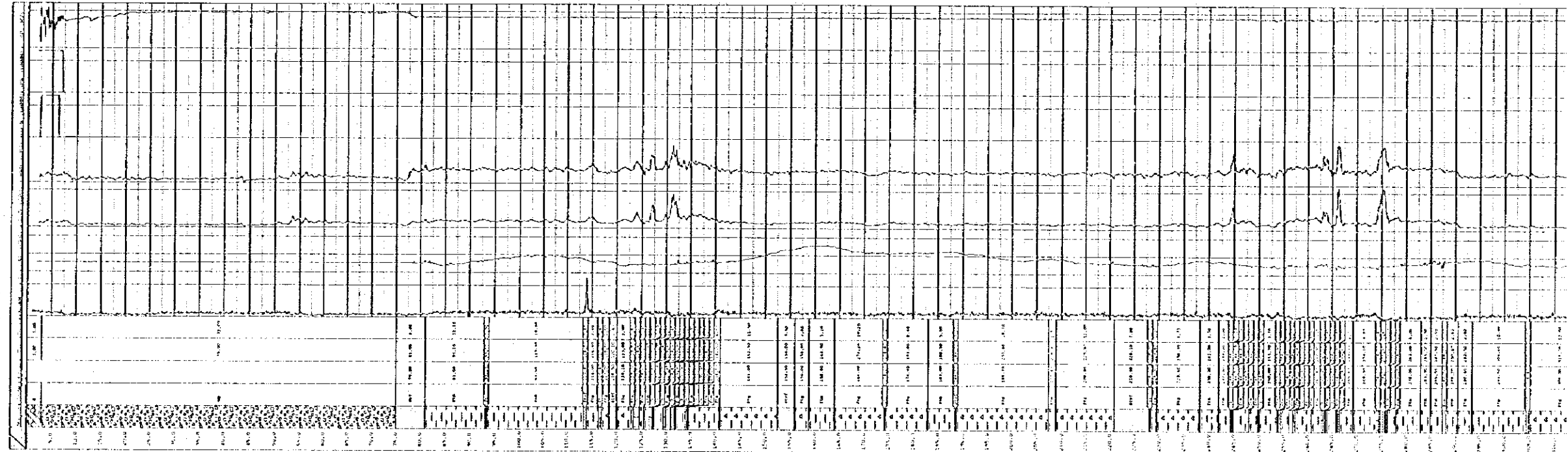


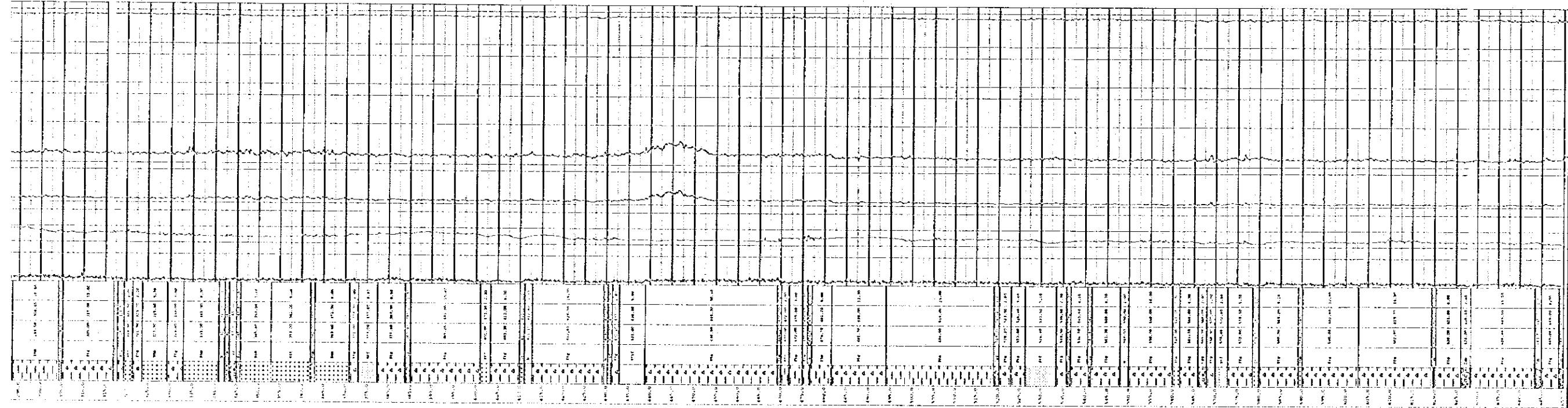
DEPARTMENT OF MINERAL RESOURCES

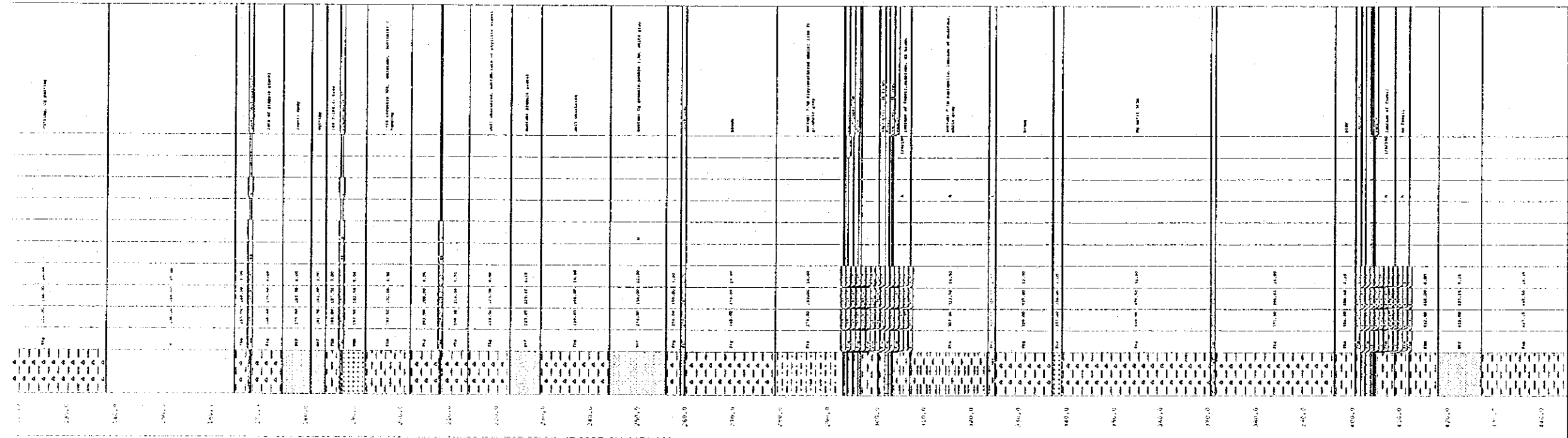
COMPANY ENR
 WELL ID PH 1433 GEOPHYSICAL LOG
 FIELD BHRAB BASIN
 COUNTRY STATE THAI LAND

WELL NO.	PH 1433
WELL ID	PH 1433
FIELD	BHRAB BASIN
COUNTRY	THAI LAND
STATE	
THAI LAND	
WELL NO.	PH 1433
WELL ID	PH 1433
FIELD	BHRAB BASIN
COUNTRY	THAI LAND
STATE	
THAI LAND	

LOG INFORMATION AND COMMENTS
 IS
 BUREAU
 2014.0000
 2014.0000
 2014.0000
 2014.0000

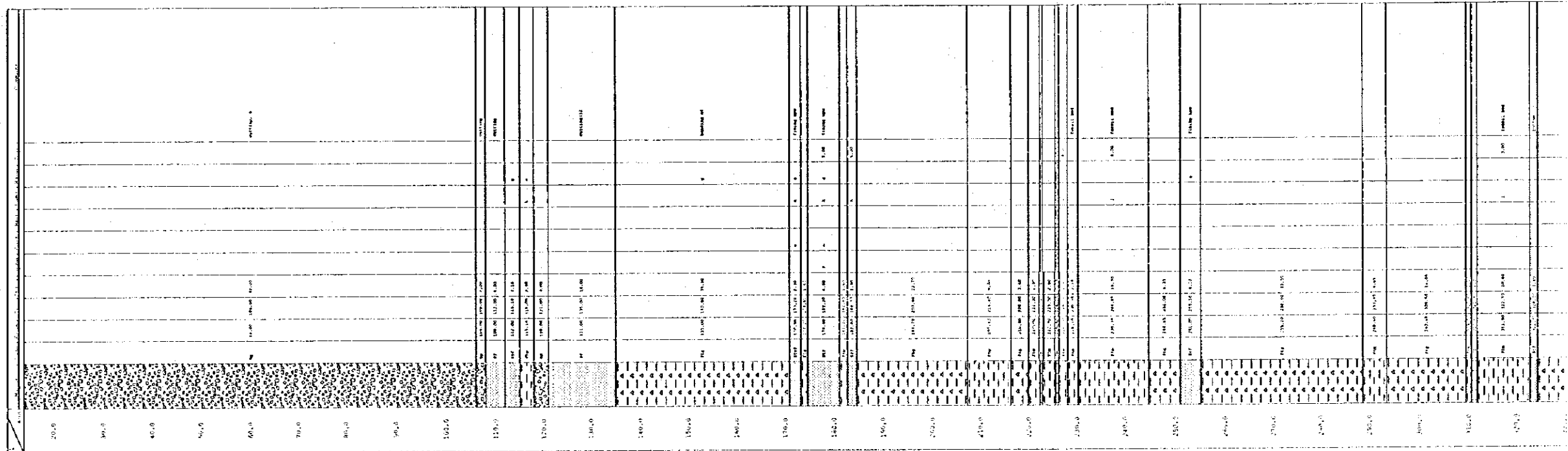




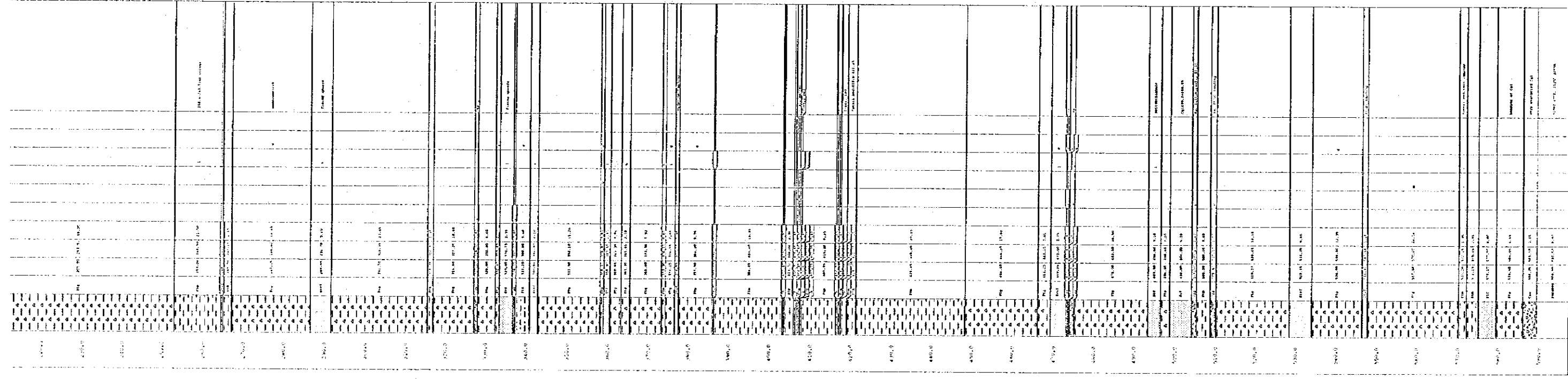


DEPARTMENT OF MINERAL RESOURCES

WELL NO.		COMPANY UMR	
WELL ID PH 3N/40		WELL ID PH 3N/40	
FIELD PHRAE BASIN		FIELD PHRAE BASIN	
COUNTRY STATE THAI LAND		COUNTRY STATE THAI LAND	
CONTRACT NO.		CONTRACT NO.	
DATE OF SIGNATURE		DATE OF SIGNATURE	
SIGNATURE		SIGNATURE	
WELL TYPE		WELL TYPE	
WELL DEPTH		WELL DEPTH	
WELL DIAMETER		WELL DIAMETER	
WELL LOCATION		WELL LOCATION	
WELL STATUS		WELL STATUS	
WELL HISTORY		WELL HISTORY	
WELL RECORD		WELL RECORD	
WELL DATA		WELL DATA	
WELL ANALYSIS		WELL ANALYSIS	
WELL REPORT		WELL REPORT	
WELL SUMMARY		WELL SUMMARY	
WELL CONCLUSION		WELL CONCLUSION	
WELL RECOMMENDATION		WELL RECOMMENDATION	
WELL SIGNATURE		WELL SIGNATURE	
WELL DATE		WELL DATE	



COMPLETION AND ASSESSMENT
 PHRAE BASIN
 PHRAE BASIN
 PHRAE BASIN
 PHRAE BASIN
 PHRAE BASIN



Station	Top	Bottom	Thickness	Description
2100.0	100.00	95.00	5.00	CLAY
2150.0	95.00	90.00	5.00	CLAY
2200.0	90.00	85.00	5.00	CLAY
2250.0	85.00	80.00	5.00	CLAY
2300.0	80.00	75.00	5.00	CLAY
2350.0	75.00	70.00	5.00	CLAY
2400.0	70.00	65.00	5.00	CLAY
2450.0	65.00	60.00	5.00	CLAY
2500.0	60.00	55.00	5.00	CLAY
2550.0	55.00	50.00	5.00	CLAY
2600.0	50.00	45.00	5.00	CLAY
2650.0	45.00	40.00	5.00	CLAY
2700.0	40.00	35.00	5.00	CLAY
2750.0	35.00	30.00	5.00	CLAY
2800.0	30.00	25.00	5.00	CLAY
2850.0	25.00	20.00	5.00	CLAY
2900.0	20.00	15.00	5.00	CLAY
2950.0	15.00	10.00	5.00	CLAY
3000.0	10.00	5.00	5.00	CLAY
3050.0	5.00	0.00	5.00	CLAY
3100.0	0.00	-5.00	5.00	CLAY
3150.0	-5.00	-10.00	5.00	CLAY
3200.0	-10.00	-15.00	5.00	CLAY
3250.0	-15.00	-20.00	5.00	CLAY
3300.0	-20.00	-25.00	5.00	CLAY
3350.0	-25.00	-30.00	5.00	CLAY
3400.0	-30.00	-35.00	5.00	CLAY
3450.0	-35.00	-40.00	5.00	CLAY
3500.0	-40.00	-45.00	5.00	CLAY
3550.0	-45.00	-50.00	5.00	CLAY
3600.0	-50.00	-55.00	5.00	CLAY
3650.0	-55.00	-60.00	5.00	CLAY
3700.0	-60.00	-65.00	5.00	CLAY
3750.0	-65.00	-70.00	5.00	CLAY
3800.0	-70.00	-75.00	5.00	CLAY
3850.0	-75.00	-80.00	5.00	CLAY
3900.0	-80.00	-85.00	5.00	CLAY
3950.0	-85.00	-90.00	5.00	CLAY
4000.0	-90.00	-95.00	5.00	CLAY
4050.0	-95.00	-100.00	5.00	CLAY
4100.0	-100.00	-105.00	5.00	CLAY
4150.0	-105.00	-110.00	5.00	CLAY
4200.0	-110.00	-115.00	5.00	CLAY
4250.0	-115.00	-120.00	5.00	CLAY
4300.0	-120.00	-125.00	5.00	CLAY
4350.0	-125.00	-130.00	5.00	CLAY
4400.0	-130.00	-135.00	5.00	CLAY
4450.0	-135.00	-140.00	5.00	CLAY
4500.0	-140.00	-145.00	5.00	CLAY
4550.0	-145.00	-150.00	5.00	CLAY
4600.0	-150.00	-155.00	5.00	CLAY
4650.0	-155.00	-160.00	5.00	CLAY
4700.0	-160.00	-165.00	5.00	CLAY
4750.0	-165.00	-170.00	5.00	CLAY
4800.0	-170.00	-175.00	5.00	CLAY
4850.0	-175.00	-180.00	5.00	CLAY
4900.0	-180.00	-185.00	5.00	CLAY
4950.0	-185.00	-190.00	5.00	CLAY
5000.0	-190.00	-195.00	5.00	CLAY
5050.0	-195.00	-200.00	5.00	CLAY
5100.0	-200.00	-205.00	5.00	CLAY
5150.0	-205.00	-210.00	5.00	CLAY
5200.0	-210.00	-215.00	5.00	CLAY
5250.0	-215.00	-220.00	5.00	CLAY
5300.0	-220.00	-225.00	5.00	CLAY
5350.0	-225.00	-230.00	5.00	CLAY
5400.0	-230.00	-235.00	5.00	CLAY
5450.0	-235.00	-240.00	5.00	CLAY
5500.0	-240.00	-245.00	5.00	CLAY
5550.0	-245.00	-250.00	5.00	CLAY
5600.0	-250.00	-255.00	5.00	CLAY
5650.0	-255.00	-260.00	5.00	CLAY
5700.0	-260.00	-265.00	5.00	CLAY
5750.0	-265.00	-270.00	5.00	CLAY
5800.0	-270.00	-275.00	5.00	CLAY
5850.0	-275.00	-280.00	5.00	CLAY
5900.0	-280.00	-285.00	5.00	CLAY
5950.0	-285.00	-290.00	5.00	CLAY
6000.0	-290.00	-295.00	5.00	CLAY
6050.0	-295.00	-300.00	5.00	CLAY
6100.0	-300.00	-305.00	5.00	CLAY
6150.0	-305.00	-310.00	5.00	CLAY
6200.0	-310.00	-315.00	5.00	CLAY
6250.0	-315.00	-320.00	5.00	CLAY
6300.0	-320.00	-325.00	5.00	CLAY
6350.0	-325.00	-330.00	5.00	CLAY
6400.0	-330.00	-335.00	5.00	CLAY
6450.0	-335.00	-340.00	5.00	CLAY
6500.0	-340.00	-345.00	5.00	CLAY
6550.0	-345.00	-350.00	5.00	CLAY
6600.0	-350.00	-355.00	5.00	CLAY
6650.0	-355.00	-360.00	5.00	CLAY
6700.0	-360.00	-365.00	5.00	CLAY
6750.0	-365.00	-370.00	5.00	CLAY
6800.0	-370.00	-375.00	5.00	CLAY
6850.0	-375.00	-380.00	5.00	CLAY
6900.0	-380.00	-385.00	5.00	CLAY
6950.0	-385.00	-390.00	5.00	CLAY
7000.0	-390.00	-395.00	5.00	CLAY
7050.0	-395.00	-400.00	5.00	CLAY
7100.0	-400.00	-405.00	5.00	CLAY
7150.0	-405.00	-410.00	5.00	CLAY
7200.0	-410.00	-415.00	5.00	CLAY
7250.0	-415.00	-420.00	5.00	CLAY
7300.0	-420.00	-425.00	5.00	CLAY
7350.0	-425.00	-430.00	5.00	CLAY
7400.0	-430.00	-435.00	5.00	CLAY
7450.0	-435.00	-440.00	5.00	CLAY
7500.0	-440.00	-445.00	5.00	CLAY
7550.0	-445.00	-450.00	5.00	CLAY
7600.0	-450.00	-455.00	5.00	CLAY
7650.0	-455.00	-460.00	5.00	CLAY
7700.0	-460.00	-465.00	5.00	CLAY
7750.0	-465.00	-470.00	5.00	CLAY
7800.0	-470.00	-475.00	5.00	CLAY
7850.0	-475.00	-480.00	5.00	CLAY
7900.0	-480.00	-485.00	5.00	CLAY
7950.0	-485.00	-490.00	5.00	CLAY
8000.0	-490.00	-495.00	5.00	CLAY
8050.0	-495.00	-500.00	5.00	CLAY
8100.0	-500.00	-505.00	5.00	CLAY
8150.0	-505.00	-510.00	5.00	CLAY
8200.0	-510.00	-515.00	5.00	CLAY
8250.0	-515.00	-520.00	5.00	CLAY
8300.0	-520.00	-525.00	5.00	CLAY
8350.0	-525.00	-530.00	5.00	CLAY
8400.0	-530.00	-535.00	5.00	CLAY
8450.0	-535.00	-540.00	5.00	CLAY
8500.0	-540.00	-545.00	5.00	CLAY
8550.0	-545.00	-550.00	5.00	CLAY
8600.0	-550.00	-555.00	5.00	CLAY
8650.0	-555.00	-560.00	5.00	CLAY
8700.0	-560.00	-565.00	5.00	CLAY
8750.0	-565.00	-570.00	5.00	CLAY
8800.0	-570.00	-575.00	5.00	CLAY
8850.0	-575.00	-580.00	5.00	CLAY
8900.0	-580.00	-585.00	5.00	CLAY
8950.0	-585.00	-590.00	5.00	CLAY
9000.0	-590.00	-595.00	5.00	CLAY
9050.0	-595.00	-600.00	5.00	CLAY
9100.0	-600.00	-605.00	5.00	CLAY
9150.0	-605.00	-610.00	5.00	CLAY
9200.0	-610.00	-615.00	5.00	CLAY
9250.0	-615.00	-620.00	5.00	CLAY
9300.0	-620.00	-625.00	5.00	CLAY
9350.0	-625.00	-630.00	5.00	CLAY
9400.0	-630.00	-635.00	5.00	CLAY
9450.0	-635.00	-640.00	5.00	CLAY
9500.0	-640.00	-645.00	5.00	CLAY
9550.0	-645.00	-650.00	5.00	CLAY
9600.0	-650.00	-655.00	5.00	CLAY
9650.0	-655.00	-660.00	5.00	CLAY
9700.0	-660.00	-665.00	5.00	CLAY
9750.0	-665.00	-670.00	5.00	CLAY
9800.0	-670.00	-675.00	5.00	CLAY
9850.0	-675.00	-680.00	5.00	CLAY
9900.0	-680.00	-685.00	5.00	CLAY
9950.0	-685.00	-690.00	5.00	CLAY
10000.0	-690.00	-695.00	5.00	CLAY

