SOUTHWEST — **NORTHEAST**

d - 35 - G 94 - O - 4
KB 790 m
WA 2676

AccuCard | 00/D-035-G/094-O-04/0 (Lic 2676)

Well Header [as at February 8, 1999]

Well Name: GPD NOEL ET AL POPLAR D- 035-G/094-O- 04	License: 1970-02-18
Operator: OPERATOR NAME NOT PROVIDED	Spud: 1970-02-21
	Rig Rel: 1970-04-16
KB: 789.7 m	
Gr Elev: 784.8 m	
TVD: 2558.2 m	

DSTs

1. 2447.5-2460.3 (MATTSON)
   VO: 4/60 SI: 60/60 min
   FP: 1131/752 KPa
   SIP: 24097/22876 KPa
   HP: 27648/27648 KPa
   "REC 80.1M MUD. "
2. 1356.7-1370.7 (SCATTER)
   VO: 4/120 SI: 60/120 min
   FP: 3882/4075/1620/5502 KPa
   SIP: 14727/8860 KPa
   HP: 15300/15093 KPa
   "GTS 70 MINS-TSTM. REC 356.6M SLI GC DRLG MUD, 152.4M SALT WTR (9620 PPM). "

Note: Quoted text is always in SI.

Cores

None available.

a - 67 - D 94 - O - 6
GL 465 m
WA 2809

AccuCard | 00/A-067-D/094-O-06/0 (Lic 2809)

Well Header [as at February 8, 1999]

Well Name: CANREE ET AL PATRY A- 067-D/094-O- 06	License: 1970-12-04
Operator: OPERATOR NAME NOT PROVIDED	Spud: 1971-01-03
	Rig Rel: 1971-03-08
KB: 463.9 m	
Gr Elev: 459.6 m	
TVD: 2534.4 m	

DSTs

1. 2080.3-2093.1 (MATTSON SILT)
   "Misrun"
   "REC 245.6M DRLG MUD. "
2. 2095.5-2107.7 (MATTSON SILT)
   VO: 5/60 SI: 60/120 min
   FP: 483/579 KPa
   SIP: 10432/14789 KPa
   HP: 23422/23035 KPa
   "REC 42.9M DRLG MUD. "
3. 1232.0-1248.2 (SPIRIT R,SPIRIT R SS)
   FP: 12355/13004 KPa
   SIP: 14017/13004 KPa
   HP: 14017/14027 KPa
   "TOOL PLUGGING. REC 316.9M DRLG MUD. "
4. 1228.3-1252.7 (SPIRIT R,SPIRIT R SS)
   VO: 30 SI: 60/30 min
   FP: 496/83 KPa
   SIP: 1282/166 KPa
   HP: 13750/13514 KPa
   "REC 9.1M DRLG MUD. "
5. 1252.7-1277.1 (SPIRIT R SS)
   VO: 10 SI: 60 min
   FP: 248/393 KPa
   SIP: 14045/14045 KPa
   HP: 13569/14307 KPa
   "REC 9.1M DRLG MUD. "

Note: Quoted text is always in SI.

Cores

None available.

a - 77 - D 94 - O - 11
KB 465 m
WA 1290

AccuCard | 00/A-077-D/094-O-11/0 (Lic 1290)

Well Header [as at April 8, 1999]

Well Name: IOE PAN AM VISCOUNT A- 077-D/094-O- 11	License: 1963-02-07
Operator: IMPERIAL OIL RESOURCES LIMITED	Spud: 1963-02-10
Lahee: Exploratory Wildcat	Rig Rel: 1963-07-23
KB: 465.3 m	
Gr Elev: 461.2 m	
TVD: 3188.2 m	

DSTs

1. 2068.4-2083.9
   "Misrun"
2. 2057.6-2083.9
   VO: 60 SI: 65/60 min
   FP: 4764/5219 KPa
   SIP: 9177/8543 KPa
   HP: 23366 KPa
   "REC 73.1M MUD ABOVE TOOL NO REC FROM THE TOOL. "
3. 2168.7-2184.5 (MATTSON,MATTSON)
   VO: 60 SI: 60/60 min
   SIP: 965/414 KPa
   HP: 26131/26131 KPa
   "REC 18.2M MUD. "
4. 2237.8-2255.2 (MATTSON,MATTSON)
   VO: 60/60 SI: 30/65 min
   FP: 1186/1186 KPa
   SIP: 21746/22436 KPa
   HP: 27717 KPa
   "GTS 6 MIN @ 3268.1 M3/D IN22 MIN. (FLUID BLEW OUT OF PIPE) NO REC. "
5. 2262.5-2281.7 (MATTSON,MATTSON)
   VO: 60 SI: 30/65 min
   FP: 1648/1648 KPa
   SIP: 4137/1772 KPa
   HP: 28096 KPa
   "WAB USED 109.7M WTR CUSH REC 118.8M SLI MW. "
6. 2301.5-2328.4 (MATTSON,MATTSON)
   VO: 40 SI: 60/65 min
   FP: 2036/2034 KPa
   SIP: 3758/6447 KPa
   HP: 28579 KPa
   "(USED 4 REC 137.1M WTR CUSH) REC 6.1M MUD. "
7. 2338.4-2368.6 (MATTSON,MATTSON)
   VO: 30 SI: 60/65 min
   FP: 3951/6826 KPa
   SIP: 25269/24856 KPa
   HP: 29579 KPa
   "(USED 219.4M WTR CUSH) REC 192M CLEAN WTR CUSH 27.4M MDY WTR CUSH 27.4M SLI GCM 466.3M SLI M SLI GCSW. "
8. 2475.0-2495.7 (MATTSON,MATTSON)
   VO: 30/60 SI: 60/60 min
   FP: 793/793 KPa
   SIP: 17616/16789 KPa
   HP: 30544 KPa
   "GTS 15 MIN ISTM 3M FLARE REC 57.9M GCM. "
9. 2824.0-2857.8 (RUN,RUN)
   VO: 60/60 SI: 60/60 min
   FP: 586/317 KPa
   SIP: 10487/8405 KPa
   HP: 37018 KPa
   "GTS 5 MIN @ 11156.9 M3/D DECR 973.3 M3/D (SWEET GAS) REC 18.2M MUD. "

Note: Quoted text is always in SI.

Cores

1.	1498.9	1503.2	1963-03-04	Len 4.2m Conventional
2.	1822.6	1835.7	1963-03-26	Len 13.1m Conventional
3.	2076.2	2083.8	1963-04-04	Len 6.8m Conventional
4.	2143.9	2146.3	1963-04-09	Len 2.4m Conventional
5.	2169.5	2176.8	1963-04-12	Len 6.7m Conventional
6.	2266.1	2281.3	1963-04-23	Len 15.2m Conventional
7.	2318.8	2327.9	1963-05-01	Len 9.1m Conventional
8.	2343.2	2349.3	1963-05-05	Len 5.9m Conventional
9.	2436.8	2442.9	1963-05-15	Len 6.1m Conventional
10.	2482.5	2482.8	1963-05-20	Len 0.3m Conventional
11.	2496.2	2508.4	1963-05-24	Len 12.1m Conventional
12.	2511.4	2526.7	1963-05-26	Len 3.4m Conventional
13.	2545.0	2548.0	1963-05-29	Len 3.0m Conventional
14.	2595.6	2598.6	1963-06-02	Len 3.0m Conventional
15.	2614.8	2619.6	1963-06-04	Len 4.8m Conventional
16.	2745.5	2754.6	1963-06-15	Len 9.1m Conventional
17.	2869.9	2876.0	1963-06-24	Len 6.1m Conventional
18.	2976.2	2986.4	1963-07-02	Len 10.2m Conventional
19.	3118.0	3127.1	1963-07-08	Len 9.1m Conventional

Perfs:

1741.0-1741.9 m)	ALL 7 Jet/m
1734.6-1736.1 m)	Acid wash, swab dry
1722.4-1723.0 m)	
1723.9-1724.9 m)	
1727.0-1730.0 m)	Acid wash, swab dry
1713.6-1719.1 m)	
1720.0-1720.6 m)	Acid wash, swab dry
1470.1-1472.5 m)	Acid wash, swab dry
474.3-491.3 m)	Acid wash, swab al salt water

c - 51 - B 94 - O - 14
KB 484 m
WA 7573

AccuCard | 00/C-051-B/094-O-14/0 (Lic 7573)

Well Header [as at February 8, 1999]

Well Name: MOBIL BF FCI MAX C- 051-B/094-O- 14	License: 1990-12-21
Operator: MOBIL OIL CANADA	Spud: 1991-02-28
	Rig Rel: 1991-09-12
KB: 484.1 m	
Gr Elev: 472.6 m	
TVD: 4750.0 m	

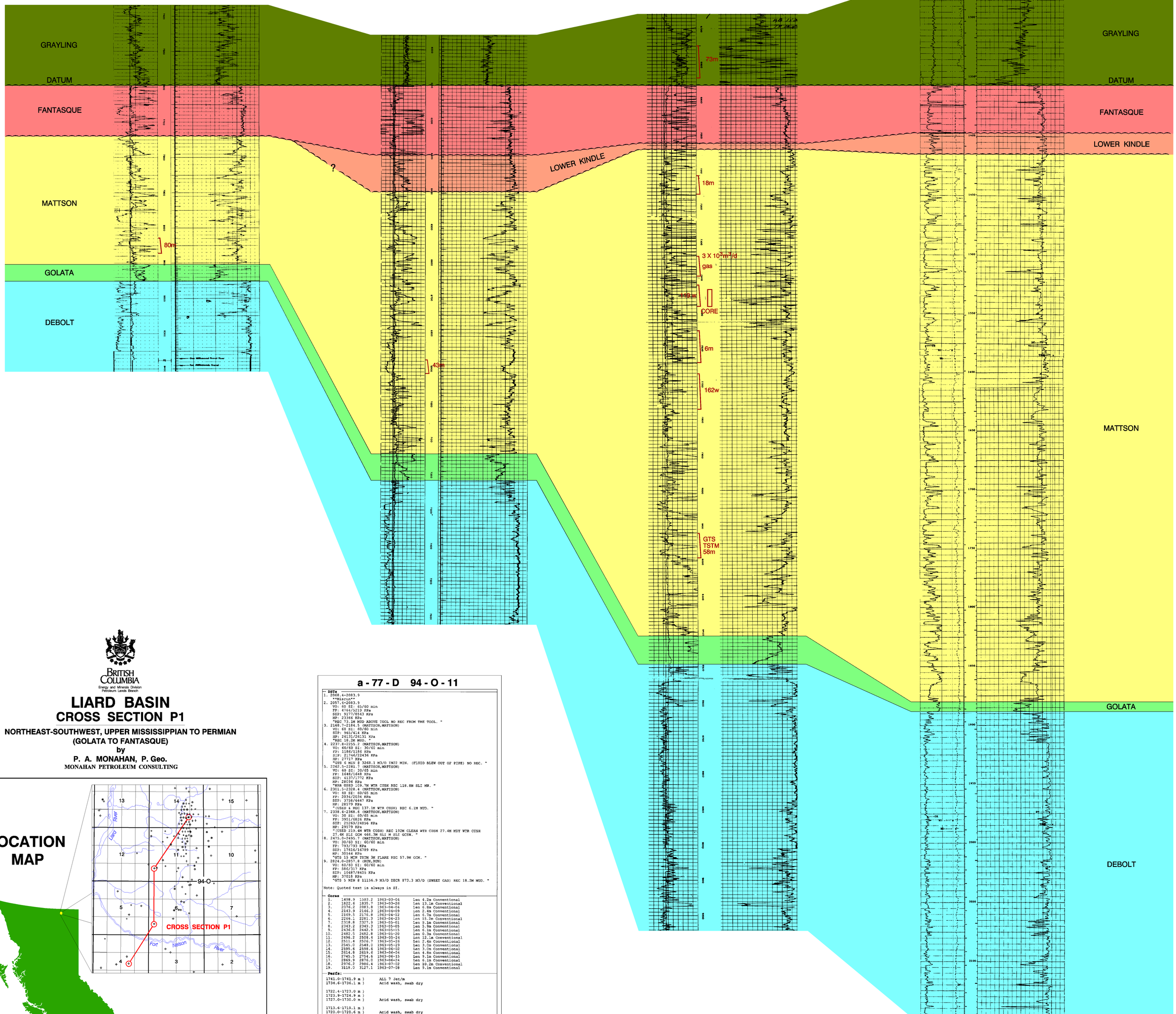
DSTs

1. 1239.0-1255.0 (TOAD GRAY,TOAD GRAY)
   VO: 10/65/176 SI: 90/182/523 min
   FP: 857/1296/995/1312/1222/1453 KPa
   SIP: 8420/8628/8808 KPa
   HP: 13217/13415 KPa
   "GAS @ 3600 M3/D > 23000 M3/D AT END, REC 36M MUD. "

Note: Quoted text is always in SI.

Cores

1.	4642.4	4651.6	1991-08-25	Len 7.8m Conventional
2.	1237.0	1255.0	1991-10-07	Len 18.0m Conventional



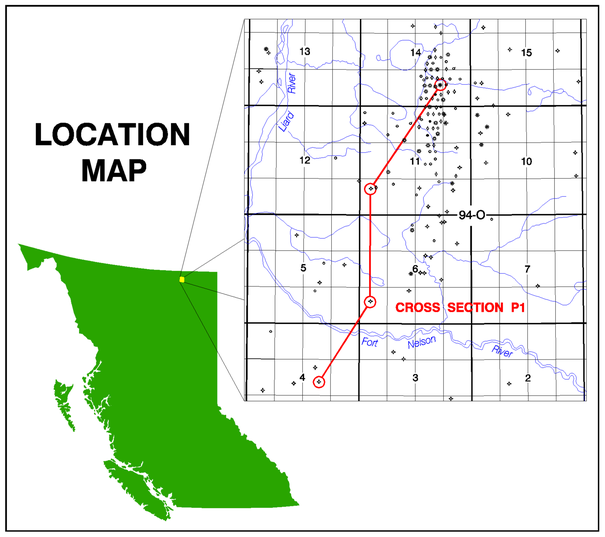
BRITISH COLUMBIA
Energy and Minerals Division
Petroleum Lands Branch

LIARD BASIN
CROSS SECTION P1

NORTHEAST-SOUTHWEST, UPPER MISSISSIPPIAN TO PERMIAN (GOLATA TO FANTASQUE)

by
P. A. MONAHAN, P. Geo.
MONAHAN PETROLEUM CONSULTING

LOCATION MAP



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