

<D42465>INJECT>MESA>AR19-9B

WWW W W WWW WWWWWW WWW WWWWWW
W WW W W W W W W
W W W W W W W W
W W W W W W W W
W W W W W W W W
WWW W W WWW WWW W

WWW WWW W WWW WWW WWW
W W W W W W W W W W
W W W W W W W W W W
WWW WWW W WWW WWW WWW
W W W W W W W W W
W W W W W W W W W
W W W W WWW WWW WWW

Label: PRT047 -form

Pathname: <D42465>INJECT>MESA>AR19-9B
File last modified: 84-07-06.11:18:40.Fri

Spooled: 84-07-06.11:22:24.Fri [Spooler rev 19.1.]
Started: 84-07-06.11:22:28.Fri ON: PRO BY: PRO

MESA-19#9 B/F 6-20-84 FILE:B19-9.D

MESA-19#9 B/F 6-20-84 FILE:B19-9.D

MASS OF ELEMENT INJECTED OR RECOVERED
(AREA UNDER CONC. VS. TIME CURVE)

***** 3

INJECTION VOLUME 0.7918E 06 LITERS
WELL BORE VOLUME 0.8448E 05 LITERS

ELEMENT: B (36 NO. SAMPLES)

INJECTION CONCENTRATION (AVERAGE): .92700E 04 (MG/L)
BACKGROUND CONCENTRATION (AVERAGE): .83800E 01 (MG/L)

SAMPLE NO.	CONC. (MG/L)	TIME RELATIVE (HR)	AREA CUM. (MG*HR/L)	FLOW RATE (GAL/MIN)	MASS TRACER (KG)	VOL. SOL. BACKFLOWED (LITERS)	FRACTION INJECTED WATER
1 FAK2	7.8000	0.000	0.0000E 00	518.00	0.0000E 00	0.0000E 00	0.000000
2 B110	7.8000	0.217	0.0000E 00	489.00	0.0000E 00	0.2406E 05	0.000000
3 B111	9.2600	0.383	0.7340E-01	487.00	0.8116E-02	0.4249E 05	0.000095
4 B112	8.0000	0.550	0.1468E 00	485.00	0.1620E-01	0.6085E 05	0.000000
5 B113	8.1000	0.717	0.1468E 00	483.00	0.1620E-01	0.7913E 05	0.000000
6 B114	8.2000	0.883	0.1468E 00	481.00	0.1620E-01	0.9734E 05	0.000000
7 B115	8.3000	1.050	0.1468E 00	479.00	0.1620E-01	0.1155E 06	0.000000
8 B116	8.2000	1.217	0.1468E 00	476.00	0.1620E-01	0.1335E 06	0.000000
9 B117	8.3000	2.217	0.1468E 00	461.00	0.1620E-01	0.2382E 06	0.000000
10 B118	8.4000	3.467	0.1593E 00	457.00	0.1750E-01	0.3679E 06	0.000002
11 B119	8.2000	4.217	0.1668E 00	454.00	0.1827E-01	0.4452E 06	0.000000
12 B121	8.2000	6.217	0.1668E 00	454.00	0.1827E-01	0.6514E 06	0.000000
13 B122	8.5000	7.217	0.2269E 00	454.00	0.2446E-01	0.7545E 06	0.000013
14 B123	8.6000	8.217	0.3970E 00	455.00	0.4204E-01	0.8579E 06	0.000024
15 B124	8.8000	9.217	0.7173E 00	457.00	0.7527E-01	0.9617E 06	0.000045
16 B125	8.8000	10.217	0.1138E 01	459.00	0.1191E 00	0.1066E 07	0.000045

12	B121	8.2000	6.217	0.1668E 00	454.00	0.1827E-01	0.6514E 06	0.000000
13	B122	8.5000	7.217	0.2269E 00	454.00	0.2446E-01	0.7545E 06	0.000013
14	B123	8.6000	8.217	0.3970E 00	455.00	0.4204E-01	0.8579E 06	0.000024
15	B124	8.8000	9.217	0.7173E 00	457.00	0.7527E-01	0.9617E 06	0.000045
16	B125	8.8000	10.217	0.1138E 01	459.00	0.1191E 00	0.1066E 07	0.000045
17	B130	8.7000	21.467	0.5304E 01	440.00	0.5353E 00	0.2205E 07	0.000035
18	B135	8.5000	31.550	0.7524E 01	432.00	0.7531E 00	0.3203E 07	0.000013
19	B140	8.3000	41.550	0.8125E 01	364.00	0.8027E 00	0.4067E 07	0.000000
20	B142	8.6000	45.550	0.8565E 01	365.00	0.8392E 00	0.4398E 07	0.000024
21	B192	8.3000	47.633	0.8795E 01	480.00	0.8642E 00	0.4625E 07	0.000000
22	B193	8.7000	49.633	0.9115E 01	413.00	0.8942E 00	0.4813E 07	0.000035
23	B194	8.5000	51.633	0.9555E 01	412.00	0.9354E 00	0.5000E 07	0.000013
24	B195	8.3000	52.550	0.9610E 01	411.00	0.9406E 00	0.5086E 07	0.000000
25	B196	8.3000	55.633	0.9610E 01	408.00	0.9406E 00	0.5371E 07	0.000000
26	B197	8.1000	57.633	0.9610E 01	418.00	0.9406E 00	0.5561E 07	0.000000
27	B198	8.2000	59.633	0.9610E 01	400.00	0.9406E 00	0.5743E 07	0.000000
28	B200	8.3000	63.633	0.9610E 01	414.00	0.9406E 00	0.6106E 07	0.000000
29	B205	8.3000	73.633	0.9610E 01	404.00	0.9406E 00	0.7021E 07	0.000000
30	B210	8.4000	83.633	0.9710E 01	379.00	0.9492E 00	0.7919E 07	0.000002
31	B215	8.5000	95.050	0.1051E 02	428.00	0.1027E 01	0.8901E 07	0.000013
32	B220	8.5000	105.633	0.1178E 02	384.00	0.1138E 01	0.9833E 07	0.000013
33	B225	8.5000	115.633	0.1298E 02	385.00	0.1243E 01	0.1071E 08	0.000013
34	B230	8.5000	125.633	0.1418E 02	401.00	0.1352E 01	0.1160E 08	0.000013
35	B235	8.5000	135.633	0.1538E 02	399.00	0.1461E 01	0.1251E 08	0.000013
36	B237	8.6000	138.567	0.1588E 02	402.00	0.1506E 01	0.1278E 08	0.000024

ELEMENT: CL (7 NO. SAMPLES)

INJECTION CONCENTRATION (AVERAGE): .58100E 03 (MG/L)
 BACKGROUND CONCENTRATION (AVERAGE): .22770E 04 (MG/L)

MESA-19#9 B/F 6-20-84 FILE: B19-9.D

Page

SAMPLE NO.	CONC. (MG/L)	TIME RELATIVE (HR)	AREA CUM. (MG*HR/L)	FLOW RATE (GAL/MIN)	MASS TRACER (KG)	VOL. SOL. BACKFLOWED (LITERS)	FRACTION INJECTED WATER
1	FAK2	922.0000	0.000	0.0000E 00	518.00	0.0000E 00	0.798939
2	B110	922.0000	0.217	0.1006E 03	489.00	0.1117E 02	0.798939
3	B111	1200.0000	0.383	0.1700E 03	487.00	0.1884E 02	0.635023
4	B112	2030.0000	0.550	0.2078E 03	485.00	0.2301E 02	0.145637
5	B113	2130.0000	0.717	0.2190E 03	483.00	0.2424E 02	0.086675
6	B114	2160.0000	0.883	0.2266E 03	481.00	0.2506E 02	0.068986
7	B115	2190.0000	1.050	0.2324E 03	479.00	0.2570E 02	0.051297

ELEMENT: BR (17 NO. SAMPLES)

INJECTION CONCENTRATION (AVERAGE): .15560E 03 (MG/L)
 BACKGROUND CONCENTRATION (AVERAGE): .22000E 01 (MG/L)

SAMPLE NO.	CONC. (MG/L)	TIME RELATIVE (HR)	AREA CUM. (MG*HR/L)	FLOW RATE (GAL/MIN)	MASS TRACER (KG)	VOL. SOL. BACKFLOWED (LITERS)	FRACTION INJECTED WATER
1	FAK2	111.0000	0.000	0.0000E 00	518.00	0.0000E 00	0.709257
2	B110	111.0000	0.217	0.2391E 02	489.00	0.2655E 01	0.709257
3	B111	76.0000	0.383	0.3935E 02	487.00	0.4362E 01	0.481095
4	B112	3.0000	0.550	0.4565E 02	485.00	0.5056E 01	0.005215
5	B113	2.5000	0.717	0.4575E 02	483.00	0.5066E 01	0.001956
6	B115	2.3000	1.050	0.4581E 02	479.00	0.5073E 01	0.000652
7	B121	2.5000	6.217	0.4686E 02	454.00	0.5181E 01	0.001956
8	B125	2.4000	10.217	0.4788E 02	459.00	0.5287E 01	0.001304
9	B130	2.4000	21.467	0.5016E 02	440.00	0.5515E 01	0.001304
10	B135	2.3000	31.550	0.5169E 02	432.00	0.5666E 01	0.000652
11	B140	2.5000	41.550	0.5372E 02	364.00	0.5833E 01	0.001956
12	B195	2.3000	52.550	0.5595E 02	411.00	0.6042E 01	0.000652
13	B200	2.3000	63.633	0.5708E 02	414.00	0.6147E 01	0.000652
14	B205	2.2000	73.633	0.5758E 02	404.00	0.6194E 01	0.000000
15	B215	2.5000	95.050	0.6084E 02	428.00	0.6510E 01	0.001956
16	B225	2.6000	115.633	0.6815E 02	385.00	0.7149E 01	0.002608
17	B235	2.7000	135.633	0.7728E 02	399.00	0.7976E 01	0.003259