

Chevron U.S.A. Inc.
 EMSU #887
 Lea County, Texas
 Eunice Monument
 Grayburg
 Rotary Laboratory, Inc.
 Midland, Texas 79701

2-12-91
 GL 3568.8', KB 3582.8'
 560' FSL, 660' FWL, Sec. 14
 T-20-S, R-36-E
 Full Diameter-CO2 Toluene
 *Plug Vertical Permeability

Sample	Depth	Grain Dens	Poro sity	Permeability Kv	Max. 90	Sw	So	Flo	Remarks	
1	3680	3681	2.86	2.4	0.01	0.09	0.06	48.5	32.3	60 Dolo, A/I, S/P, Vt. Fr.
2		3682	2.96	0.6	<.01	0.06	0.05	33.0	13.2	TrB/O Anhy, Lrg. Dolo. Strg, S/P, Sty, Fr.
3		3683	2.95	0.6	<.01	0.13	0.07	44.0	0.0	0 Anhy, Sc. Dolo. Strg.
4		3684	2.92	1.6	<.01	0.05	0.04	34.1	28.4	TrB/O Anhy, Lrg. Dolo. Strg, S/P, Vt. Fr.
5	3684	3685	2.84	2.9	<.01	0.19	0.02	20.6	61.7	10 Dolo, A/I, Sty, Vt. Fr.
6		3686	2.87	3.3	0.03	0.07	0.05	15.1	45.3	Sp. 80 Dolo, A/I, Sc. PPP, Vt. Fr.
7		3687	2.90	2.4	0.02	0.06	0.04	23.1	38.6	Sp. 70 Dolo, A/I, Sc. PPP
8		3688	2.95	1.0	<.01	0.09	0.03	39.3	Tr.	Sp. 10 Anhy, Sc. Dolo. Strgs, S/P
9		3689	2.87	3.5	0.04	0.16	0.11	10.6	42.5	Sp. 30 Dolo, A/I, S/P, Sty, Sc. PPP, Vt. Fr.
10	3689	3690	2.86	2.4	0.02	0.92	0.53	18.4	40.7	Sp. 80 Dolo, A/I, S/P, Vt. Fr.
11		3691	2.95	1.0	<.01	0.06	0.05	46.8	0.0	Tr. Anhy, Sc. Dolo. Strgs, S/P
12		3692	2.88	3.2	0.03	0.17	0.14	15.6	46.9	Sp. 60 Dolo, Sli. Silt, A/I, S/P, Sty, Vt. Fr.
13		3693	2.88	4.2	0.01	0.12	0.05	13.7	29.8	Sp. 60 Dolo, A/I, S/P, Sc. PPP, Vt. Fr.
14		3694	2.88	2.9	0.01	0.08	0.08	19.8	48.6	Sp. 80 Dolo, A/I, S/P, Sc. PPP, Vt. Fr.
15	3694	3695	2.88	2.8	0.01	0.07	0.07	17.1	47.0	Sp. 90 Dolo, A/I, S/P, Fr.
16		3696	2.92	1.4	0.01	2.16	0.63	51.8	9.1	Tr. Anhy, Lrg. Silt, Dolo. Strg, Sc. Lam. S/P, Sty.
17		3697	2.95	1.2	<.01	0.10	0.06	68.7	0.0	0 Anhy, Sc. Silt, Dolo. Strgs, S/P, Sty.
18		3698	2.93	1.3	<.01	0.18	0.12	76.6	0.0	0 Anhy, Sli. Silt, Sc. Lrg. Dolo. Strgs, S/P
19		3699	2.95	1.0	0.15	0.16	0.12	52.9	0.0	0 Anhy, Sc. Dolo. Strgs, S/P
20	3699	3700	2.94	0.7	<.01	0.13	0.07	62.8	0.0	0 Anhy, Sc. Dolo. Strgs.
21		3701	2.92	0.9	<.01	0.11	0.09	31.5	47.3	Sp. 20 Anhy, Lrg. Dolo. Strg.
22		3702	2.88	1.7	<.01	0.10	0.06	80.6	0.0	0 Anhy, Silt, Sli. Shaly, Sc. Dolo. Strgs, Lam. S/P
23		3703	2.89	2.9	<.01	0.05	0.05	77.4	0.0	0 Dolo, Sli. Silt, Lrg. A/I, Sc. Lam. S/P
24		3704	2.90	2.6	<.01	0.12	0.12	77.7	0.0	0 Dolo, Sli. Silt, Lrg. A/I, Sc. Lam. S/P
25	3704	3705	2.86	1.6	<.01	0.15	0.10	65.1	21.7	Sp. 60 Dolo, A/I, S/P
26		3706	2.89	1.8	0.01	0.35	0.18	67.7	0.0	Sp. 20 Dolo, Sli. Silt, Lrg. A/I, Sc. Lam. S/P
27		3707	2.95	0.7	<.01	0.08	0.05	69.7	0.0	0 Anhy, Sc. Dolo. Strgs, S/P
28		3708	2.95	0.8	<.01	0.19	0.06	87.7	0.0	0 Anhy, Silt, Sc. Dolo. Strgs, S/P