

EXHIBIT 10a. STATISTICS FOR CORE-PLUG PETROPHYSICAL DATA BY WELL
AND STRATIGRAPHIC UNIT FOR THE GROSS INTERVAL

WELL AND VARIABLE -----	N (GROSS) -----	MEAN ----	MIN ---	MAX ---	STD. DEV. -----
RINCON UNIT NO. 1					
Graneros A1 Interval -----					
Permeability	6	0.01	0.01	0.01	0.00
Porosity	6	2.75	2.40	3.30	0.34
Graneros A2 Interval -----					
Permeability	2	0.01	0.01	0.01	0.00
Porosity	2	2.75	1.50	4.00	1.25
Dakota A Interval -----					
Permeability	3	0.01	0.01	0.01	0.00
Porosity	3	2.37	1.70	3.00	0.53
Dakota B-E Interval -----					
Permeability	16	0.03	0.01	0.40	0.09
Porosity	16	6.51	3.30	12.10	2.75
Dakota F Interval -----					
Permeability	4	0.01	0.01	0.01	0.00
Porosity	4	9.35	6.90	11.60	1.69
RINCON UNIT NO. 31					
Dakota B-E Interval -----					
Permeability	11	0.20	0.01	0.48	0.13
Porosity	11	7.39	5.20	10.30	1.49
Dakota F Interval -----					
Permeability	4	0.42	0.01	1.19	0.45
Porosity	4	5.48	4.00	8.60	1.84
RINCON UNIT NO. 57					
Graneros A1 Interval -----					
Permeability	17	1.04	0.01	6.35	1.76
Porosity	17	7.31	4.70	10.20	1.47

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WELL AND VARIABLE -----	N (GROSS) -----	MEAN -----	MIN ---	MAX ---	STD. DEV. -----
RINCON UNIT NO. 127					
Graneros A1 Interval -----					
Permeability	23	0.03	0.01	0.08	0.02
Porosity	23	4.80	3.70	8.10	1.07
Graneros A2 Interval -----					
Permeability	26	0.01	0.01	0.07	0.01
Porosity	26	3.60	2.50	5.00	0.56
Dakota A Interval -----					
Permeability	24	0.03	0.01	0.08	0.02
Porosity	24	6.79	2.90	11.50	2.63
Dakota B-E Interval -----					
Permeability	67	0.03	0.01	0.71	0.09
Porosity	67	3.29	0.80	6.90	1.56
Dakota F Interval -----					
Permeability	4	0.05	0.01	0.12	0.04
Porosity	4	4.90	3.70	7.70	1.63
RINCON UNIT NO. 136					
Graneros A1 Interval -----					
Permeability	38	0.12	0.01	1.98	0.31
Porosity	38	6.41	1.40	12.60	2.15
Graneros A2 Interval -----					
Permeability	21	0.04	0.01	0.17	0.03
Porosity	21	8.27	4.10	13.20	2.61
Graneros B Interval -----					
Permeability	2	0.01	0.01	0.01	0.00
Porosity	2	5.45	4.80	6.10	0.65
Dakota A Interval -----					
Permeability	23	0.10	0.02	1.11	0.22
Porosity	23	10.58	6.40	13.50	2.22
Dakota B-E Interval -----					
Permeability	46	0.18	0.01	2.03	0.41
Porosity	46	5.95	1.50	11.80	1.92

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WELL AND VARIABLE -----	N (GROSS) -----	MEAN ----	MIN ---	MAX ---	STD. DEV. -----
Dakota F Interval -----					
Permeability	9	0.25	0.02	1.58	0.48
Porosity	9	5.71	2.20	8.10	1.79
RINCON UNIT NO. 159					
Graneros A1 Interval -----					
Permeability	34	0.06	0.01	0.72	0.15
Porosity	34	4.50	1.80	7.10	1.16
Graneros A2 Interval -----					
Permeability	33	0.01	0.01	0.07	0.01
Porosity	33	3.04	1.70	5.00	0.71
Graneros B Interval -----					
Permeability	12	0.02	0.01	0.07	0.02
Porosity	12	3.08	1.80	4.40	0.70
Dakota A Interval -----					
Permeability	27	0.04	0.01	0.32	0.07
Porosity	27	5.86	1.20	11.10	2.73
Dakota B-E Interval -----					
Permeability	58	0.02	0.01	0.13	0.02
Porosity	58	3.28	0.70	9.00	1.74
Dakota F Interval -----					
Permeability	15	0.05	0.01	0.21	0.06
Porosity	15	2.57	1.30	4.00	0.66
HARVEY A NO.3					
Graneros B Interval -----					
Permeability	7	0.02	0.01	0.04	0.01
Porosity	7	4.47	3.90	5.30	0.42
Dakota A Interval -----					
Permeability	20	0.08	0.01	0.88	0.18
Porosity	20	6.58	3.90	10.40	1.87
Dakota B-E Interval -----					
Permeability	61	0.03	0.01	0.14	0.03
Porosity	61	5.94	2.20	11.40	2.69

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WELL AND VARIABLE	N (GROSS)	MEAN	MIN	MAX	STD. DEV.
SAN JUAN 28-6 UNIT NO.98					
Graneros A1 Interval					
Permeability	23	0.01	0.01	0.02	0.00
Porosity	23	3.47	2.00	4.40	0.62
Graneros A2 Interval					
Permeability	28	0.01	0.01	0.02	0.00
Porosity	28	3.00	1.60	4.30	0.55
Graneros B Interval					
Permeability	3	0.01	0.01	0.01	0.01
Porosity	3	2.60	1.80	3.10	0.57
Dakota A Interval					
Permeability	36	0.02	0.01	0.39	0.06
Porosity	36	4.37	1.40	8.30	1.66
Dakota B-E Interval					
Permeability	32	0.01	0.01	0.07	0.01
Porosity	32	1.92	0.60	4.40	1.01
SAN JUAN 28-7 UNIT NO. 109					
Graneros B Interval					
Permeability	14	0.01	0.01	0.03	0.01
Porosity	14	5.04	3.10	6.40	0.87
Dakota A Interval					
Permeability	19	0.05	0.01	0.22	0.05
Porosity	19	6.37	3.70	10.50	2.06
Dakota B-E Interval					
Permeability	17	0.02	0.01	0.10	0.03
Porosity	17	3.56	0.90	6.10	1.45
Dakota F Interval					
Permeability	7	0.02	0.01	0.04	0.01
Porosity	7	4.19	2.50	5.40	1.01

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Explanation:

Permeability values are in millidarcies; porosity in percent.

N	= number of values used to calculate statistic
Mean	= average value
Min	= minimum value
Max	= maximum value
Std. Dev.	= standard deviation