

Sirgo Operating Inc.
West Pearl Queen Unit #194
Lea County, N. M.

ROTARY ENGINEERS LABORATORIES

CONVENTIONAL (PLUG) CORE ANALYSIS TABULAR DATA

Page (2)

SAMPLE NUMBER	DEPTH	GRAIN DENS- ITY	PORO- SITY	PLUG PERM M.D.	FLUIDS SW	FLUIDS SO	FLO.	REMARKS
10	4763-4763.3	2.71	6.7	0.58	79.0	17.8	100	Sand, Gray, S/P, Dull Gold Fluo.
	4763.3-4763.7	SCAL						
11	-64	2.69	9.9	0.28	70.0	9.7	80	Sand, Gray, S/P, Dull Gold Fluo.
12	-64.5	2.68	12.3	0.52	68.6	7.6	100	Sand, Gray, S/P, Dull Gold Fluo.
13	4764.5-4764.9	2.65	16.7	15.87	52.5	13.9	100	Sand, Gray, Sli. Friable, S/P, Dull Gold Fluo.
	4764.9-4765.3	SCAL						
14	-65.5	2.64	17.4	13.24	57.8	15.5	100	Sand, Gray, Friable, S/P, Dull Gold Fluo.
15	-66	2.63	19.3	34.77	48.3	12.5	100	Sand, Gray, Friable, S/P, Brkn. Dull Gold Fluo
16	-66.5	2.64	17.0	21.91	52.0	14.6	100	Sand, Gray, Friable, S/P, Dull Gold Fluo.
17	-67	2.67	9.3	0.22	88.8	6.2	20	Sand, Gray, S/P, Dull Gold Fluo.
18	-67.5	2.65	12.3	1.60	60.6	9.1	50	Sand, Gray, S/P, Dull Gold Fluo.
19	-68	2.67	8.0	0.11	82.1	0.0	0	Sand, Gray, S/P
20	-69	2.67	10.1	0.20	83.3	0.0	0	Sand, Gray-Red, Shaly, Lam. S/P, Dull Gold Fluo
21	4769-4770	2.68	7.0	0.06	81.2	0.0	0	Sand, Gray-Red, Shaly, Lam. S/P, Dull Gold Fluo
	4770-4773	No Analysis (Dolo, Shaly, Lam. S/P, Stylo, Sc. Lrg. Sh. Strg, No Show)						
	4773-4780	No Analysis (Dolo, S/P, Stylo, Fr, No Show)						
	4780-4880	DRILLED						
		Core # (4) 4880-4940', Cut 60', Recovered 60'						
	4880-4886	No Analysis (Dolo, Sli. Silty, Anhy, S/P, Stylo, Fr, No Show)						
	4886-4889	No Analysis (Dolo, Silty, Shaly, Anhy, Sc. Lam. S/P, Stylo, Large Sh. Strgs, No Show)						
	4889-4899	No Analysis (Dolo, Anhy, Sc. S/P & Stylo, Fr, No Show)						
22	4899-4900	2.84	2.2	0.03	69.8	0.0	0	Dolo, A/I, S/P, Stylo.
23	-01	2.74	3.9	0.05	53.1	0.0	0	Dolo, Silty, A/I, Sc. Lam. S/P, Stylo.
24	-02	2.72	5.3	0.08	80.1	0.0	0	Sand, Gray, Sli. Dolom, Shy, Sc. Lam. S/P
25	-03	2.70	6.9	0.18	77.7	0.0	0	Sand, Gray, Sli. Dolom, Shy, Lam. S/P, Dolo, Strg
26	-04	2.70	8.0	0.59	72.9	0.0	0	Sand, Gray, Sli. Shy, Sc. S/P
27	-04.5	2.71	7.7	0.85	86.8	0.0	0	Sand, Gray, Sli. Shy, Sc. S/P
28	4904.5-4905	2.67	13.0	0.62	63.3	5.8	20	Sand, Gray, Sli. Shy, Sc. S/P
29	-05.5	2.74	7.1	0.21	73.7	8.8	80	Sand, Gray, S/P
30	-06	2.68	10.7	0.59	61.9	8.8	80	Sand, Gray, Sli. Friable, S/P
31	-06.5	2.68	14.1	15.65	64.9	10.6	100	Sand, Gray, Friable, S/P
32	-07	2.68	13.0	26.90	35.4	5.7	80	Sand, Gray, Friable, S/P
33	-07.5	2.69	10.7	4.80	68.3	10.8	100	Sand, Gray, Friable, S/P
34	-08	2.70	13.3	38.72	66.5	11.3	100	Sand, Gray, Friable, S/P
35	-08.5	2.68	11.2	0.82	81.5	8.5	10	Sand, Gray, Shaly, S/P
36	-09	2.68	13.2	3.10	50.4	16.8	100	Sand, Gray, Sli. Shaly, S/P
37	-09.5	2.73	7.7	1.04	82.5	15.5	100	Sand, Gray, Shaly, S/P, Lrg. Sh. Strg.
38	4909.5-4910	2.67	19.2	31.19	54.7	9.1	100	Sand, Gray, Friable
39	-10.5	2.68	14.0	19.52	76.7	13.2	100	Sand, Gray, Friable
40	-11	2.65	15.8	0.47	48.7	5.0	Tr.	Sand, Gray, Sli. Shaly, S/P
41	-11.5	2.67	14.2	30.52	54.2	12.9	30	Sand, Gray, Sli. Friable, S/P
42	-12	2.71	8.2	0.14	84.5	0.0	0	Sand, Gray, Shaly, Lam. S/P
43	-12.5	2.69	8.1	0.19	87.1	0.0	0	Sand, Gray, Shaly, Lam. S/P
44	-13	2.71	7.3	4.77	68.0	18.7	50	Sand, Gray, Sli. Friable, S/P
45	-14	2.71	6.2	0.06	89.9	0.0	0	Sand, Gray, Shaly, S/P
46	4914-4915	2.70	5.6	0.03	89.9	0.0	0	Sand, Gray, Shy, Dolom, Lam. S/P, Lam. Dolo. Strg
47	-16	2.78	4.1	0.05	68.8	0.0	0	Sand, Gray, Shy, Dolom, Lam. S/P, Lam. Dolo, Strg
48	-17	2.72	4.9	0.07	71.4	0.0	0	Sand, Gray, Shaly, S/P
49	-18	2.69	8.5	0.08	89.8	0.0	0	Sand, Gray, Shaly, Sc. Lam. S/P
50	4918-4919	2.72	4.7	0.04	96.2	0.0	0	Sand, Gray, Shaly, Dolom, Sc. Lam. S/P