

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

ROTARY ENGINEERS LABORATORIES

CONVENTIONAL (PLUG) CORE ANALYSIS TABULAR DATA

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AMPLE UMBER	DEPTH	GRAIN DENS- ITY	PORO- SITY	PLUG PERM M.D.	FLUIDS SW	FLUIDS SO	FLO	REMARKS
51	4919-4920	2.71	4.6	0.04	88.0	0.0	0	Sand, Gray, Shaly, Dolom, Sc. Lam. S/P
52	-21	2.69	6.3	0.07	78.9	0.0	0	Sand, Gray, Sli. Shaly, Sc. Lam. S/P
53	-22	2.70	6.3	0.06	82.2	0.0	0	Sand, Gray, Sli. Shaly, Sc. Lam. S/P
54	-23	2.71	5.1	0.05	90.2	0.0	0	Sand, Gray, Sli. Shy, Dolom, Lam. S/P, Dolo. Strg
55	-24	2.73	4.3	0.03	71.8	0.0	0	Dolo, Sdy, Shy, Sc. Lam. S/P
56	4924-4925	2.84	3.1	0.02	97.0	0.0	0	Dolo, Silty, Shy, Sc. Lam. S/P
57	-26	2.74	4.2	0.03	77.0	0.0	0	Dolo, Silty, Shy, Sc. Lam. S/P
58	-27	2.72	5.4	0.03	70.4	0.0	0	Dolo, Sdy, Shy, Sc. Lam. S/P
59	-28	2.72	4.9	0.05	82.9	0.0	0	Sand, Gray, Sli. Shy, Dolom, Sc. Lam. S/P
60	-29	2.71	4.6	0.03	87.1	0.0	0	Sand, Gray, Sli. Shy, Dolom, Sc. Lam. S/P
61	4929-4930	2.72	5.6	0.03	76.0	0.0	0	Sand, Gray, Sli. Shy, Dolom, Sc. Lam. S/P
62	-31	2.71	5.6	0.04	82.8	0.0	0	Sand, Gray, Sli. Shy, Dolom, Lam. S/P, Dolo. Strg
63	-32	2.77	3.7	0.03	84.1	0.0	0	Dolo, Sdy, Shy, Lam. S/P
64	-33	2.71	5.8	0.05	69.0	0.0	0	Sand, Gray, Shaly, Dolom, Sc. Lam. S/P
65	-34	2.71	5.5	0.05	88.1	0.0	0	Sand, Gray, Shaly, Dolom, Sc. Lam. S/P
66	4934-4935	2.72	4.4	0.03	96.6	0.0	0	Sand, Gray, Shaly, Dolom, Sc. Lam. S/P
67	-36	2.70	8.5	0.80	75.5	0.0	0	Sand, Gray, S/P
68	-37	2.70	8.2	0.42	83.1	0.0	0	Sand, Gray, S/P
69	-38	2.70	6.5	0.10	88.7	0.0	0	Sand, Gray, Dolom, Sc. Lam. S/P
70	-39	2.71	6.0	0.03	90.7	0.0	0	Sand, Gray, Shy, Dolom, Lam. S/P, Sc. Dolo. Strgs
71	4939-4940	2.73	4.2	0.02	87.0	0.0	0	Sand, Gray, Shy, Dolom, Lam. S/P, Sc. Dolo. Strgs
		Core # (5) 4940-5000', Cut 60', Recovered 58'						
	4840-4941	No Analysis (Shale, Black, Sandy, No Show)						
	4941-4947	No Analysis (Dolo, Sli. Silty, Anhy, S/P, Stylo, H/L Fr, No Show)						
	4947-4957	No Analysis (Sand, Gray, Shaly, Dolomitic, Lam. S/P, Sc. Large Sh. Strgs, No Show)						
	4957-4965	No Analysis (Dolo, Sli. Silty, Anhy, S/P, Stylo, Fr, No Show)						
	4965-4967	No Analysis (Dolo, Silty, Shaly, Anhy, Sc. Lam. S/P, H/L Fr, No Show)						
72	-68	2.80	2.7	0.03	68.8	0.0	0	Dolo, Shy, A/I, Lam. S/P, Sty, Lrg. Sh. Strg, Fr.
73	-68.5	2.70	6.9	0.14	82.9	0.0	Tr.	Sand, Gray, Sli. Silty, Dolom, S/P
74	-69	2.68	9.2	1.11	64.9	16.7	100	Sand, Gray, S/P
75	-69.5	2.69	8.3	0.38	72.4	14.0	50	Sand, Gray, S/P
76	4969.5-4970	2.68	8.9	1.14	51.9	10.8	40	Sand, Gray, S/P
77	4970-4970.4	2.66	13.2	13.49	54.6	19.6	100	Sand, Gray, Sli. Friable
*	4970.4-4970.7	SCAL						
78	-71	2.67	13.4	17.93	50.8	19.2	100	Sand, Gray, Sli. Friable
79	-71.5	2.67	12.6	11.10	44.0	20.5	100	Sand, Gray, Sli. Friable
80	-72	2.69	9.8	5.20	52.5	25.3	100	Sand, Gray, Sli. Friable
81	-72.5	2.67	10.7	2.93	47.8	21.2	100	Sand, Gray, Sli. Friable
82	-73	2.71	5.8	0.11	65.6	0.0	0	Sand, Gray, Shy, Dolom, Lam. S/P, Sty, Lam. Dolo.
83	-74	2.76	4.8	0.04	86.3	0.0	0	Dolo, Slt, Sli. Shy, S/P
	4974-4978	No Analysis (Dolo, Silty, Sli. Shaly, Anhy, Sc. Lam. S/P, Fr, No Show)						
84	-79	2.73	5.0	0.04	69.2	0.0	0	Dolo, Sandy, Shy, Lam. S/P
85	-79.5	2.70	6.1	0.05	91.7	0.0	Tr.	Sand, Gray, Shy, Dolom, Lam. S/P
86	4979.5-4980	2.70	11.7	5.25	40.2	6.4	100	Sand, Gray, Sli. Shy, S/P
87	-80.5	2.64	16.2	15.36	51.9	15.4	100	Sand, Gray, S/P
88	-81	2.64	15.5	10.00	48.6	13.9	100	Sand, Gray, S/P
89	-81.3	2.68	11.1	2.84	68.4	8.5	100	Sand, Gray, Sc. Lam. S/P
*	4981.3-4981.7	SCAL						
90	-82	2.65	12.7	4.17	52.5	17.5	100	Sand, Gray, S/P
91	-82.5	2.67	10.1	1.78	56.2	9.4	100	Sand, Gray, Sli. Shaly, Sc. Lam. S/P
92	4982.5-4983	2.68	9.7	0.66	59.2	11.8	100	Sand, Gray, S/P