

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 JMBER	DEPTH	GRAIN DENS- ITY	PORO- SITY	PLUG PERM M.D.	FLUIDS SW	FLUIDS SO	FLO	REMARKS
93	4983-4983.5	2.67	11.6	1.36	59.7	8.1	80	Sand, Gray
94	-84	2.66	13.8	6.16	65.0	17.3	100	Sand, Gray, Sli. Friable
95	-84.3	2.65	14.8	6.55	58.8	18.4	100	Sand, Gray, Sli. Friable
	4984.3-4984.6	SCAL						
96	4984.6-4985	2.67	11.4	2.94	46.1	16.5	100	Sand, Gray, Sli. Friable
97	-85.5	2.67	10.7	97.94	45.8	21.1	100	Sand, Gray, Sli. Friable
98	-86	2.67	10.9	4.06	43.1	22.4	100	Sand, Gray, Sli. Friable
99	-86.5	2.67	11.6	3.73	43.6	19.4	100	Sand, Gray
100	-87	2.67	9.9	1.35	57.5	15.3	100	Sand, Gray
101	-88	2.73	6.0	0.34	75.0	0.0	Tr.	Sand, Gray, Sli. Shaly, S/P
	4988-4991	No Analysis (Dolo, Sandy, Shaly, Anhy, Sc. Lam. S/P, Stylo, No Show)						
	4991-4995	No Analysis (Dolo, Silty, Anhy, S/P, Stylo, Sc. Lrg. Sh. Strg, Fr, No Show)						
	4995-4998	No Analysis (Dolo, Silty, Shaly, Anhy, Lam. S/P, Stylo, Lrg. Sh. Strg, Fr, No Show)						
	4998-5000	Lost Core						
		* PRESERVED SAMPLES						
		1. 4763.3-4763.7						
		2. 4764.9-4765.3						
		3. 4906.4-4906.8						
		4. 4909.4-4909.8						
		5. 4970.4-4970.7						
		6. 4981.3-4981.7						
		7. 4984.3-4984.6						
		<u>LITHOLOGICAL ABBREVIATIONS</u>						
		A/I-----Anhydrite Inclusion						
		Anhy.-----Anhydrite						
		Brkn.-----Broken						
		Dolo.-----Dolomite						
		Dolom.-----Dolomitic						
		Fluo.-----Fluorescence						
		Fr.-----Fracture						
		Lam.-----Laminated						
		Lrg.-----Large						
		N.S.-----No Show						
		Sc.-----Scattered						
		Sdy.-----Sandy						
		Sh.-----Shale						
		Shy.-----Shaly						
		Sli.-----Slightly						
		S/P-----Shale Parting						
		Strgs.-----Stringers						
		Sty, Stylo.-----Stylolite						
		Tr.-----Trace						
		Vt. Fr.-----Vertical Fracture						
		FLUIDS SW-----Total Water Saturation %P.V.						
		FLUIDS SO-----Residual Oil Saturation %P.V.						