X-RAY MINERALOGIC ANALYSIS

WELL NUMBER: A-743 BELCO-PETROLEUM #3, HORACK 86-4 UNIT, SUBLETTE CO, WYOMING

28N-115W-4

SAMPLE NUMBER	TOP DEPTH	BOT DEPTH	MO	IL	KA	TC	%EXP	QZ	KS	PL	CA	DO	HA	PY	SD
B-001	11270	11271	0	4	0	4	0	75	7	2	0	12	0	0	0
B-002	11271	11272	0	23	0	23	0	44	13	6	1	12	0	2	0
B-003	11274	11275	0	4	0	4	0	79	4	2	0	11	0	0	0
B-004	11275	11276	0	3	0	3	0	90	4	1	0	1	0	0	0
B-005	11277	11278	0	3	0	3	0	89	4	2	0	1	0	0	0
B-006	11281	11282	0	3	0	3	0	93	2	1	0	1	0	0	0
B-007	11283	11284	0	3	0	3	0	89	3	2	0	3	0	0	0
B-008	11286	11287	0	3	0	3	0	92	3	1	0	1	0	0	0
B-009	11288	11289	0	3	0	3	0	92	3	1	0	1	0	0	0
B-010	11290	11291	0	3	0	3	0	91	3	2	0	1	0	0	0
B-011	11293	11294	0	3	0	3	0	94	1	1	0	0	0	0	0

MO - Montmorillonite; IL - Illite; KA - Kaolinite, TC - Total Clays; %EXP - Percent Expandable layers in Mixed-layer Clays; QZ - Quartz; KS - K-Feldspar; PL - Plagioclase; CA - Calcite; DO - Dolomite; HA - Halite; PY - Pyrite; SD - Siderite; ANHY - Anhydrite.