

SCIENTIFIC DRILLING INTERNATIONAL

Client : PHILLIPS PETROLEUM
 Well Name : LIVINGSTON RIDGE #2
 Location : EDDY COUNTY, NEW MEXICO

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 Date
 Filename : LRIDGE2

o Interpolation

MD	INC	DIR	TVD	+N/-S	+E/-W	VS D'LEG
ft	deg	deg	ft	ft	ft	ft °/100
4000	1.80	S83.00°E	3996.98	-52.02	80.20	-49.68 0.5
4100	1.76	S89.00°E	4096.93	-52.23	83.29	-52.37 0.2
4200	1.49	S87.00°E	4196.89	-52.33	86.13	-54.88 0.3
4300	1.58	S86.00°E	4296.85	-52.49	88.80	-57.22 0.1
4400	1.06	N74.00°E	4396.83	-52.34	91.06	-59.33 0.7
4500	0.68	S61.00°E	4496.82	-52.37	92.47	-60.58 0.8
4600	0.87	S88.00°E	4596.81	-52.68	93.75	-61.60 0.4
4700	0.63	S55.00°E	4696.80	-53.02	94.96	-62.54 0.5
4800	0.82	N84.00°E	4796.79	-53.26	96.12	-63.48 0.5
4900	0.57	N79.00°E	4896.79	-53.09	97.32	-64.64 0.3
5000	0.23	S28.00°E	4996.78	-53.18	97.90	-65.13 0.5
5070	1.09	S59.14°W	5066.78	-53.64	97.40	-64.47 1.6
5132	4.52	S62.31°W	5128.69	-55.08	94.73	-61.44 5.5
5193	9.19	S60.88°W	5189.24	-58.57	88.34	-54.17 7.7
5255	11.90	S59.62°W	5250.19	-64.21	78.50	-42.85 4.4
5317	12.28	S58.90°W	5310.81	-70.85	67.34	-29.92 0.7
5379	12.58	S58.36°W	5371.36	-77.80	55.94	-16.64 0.5
5441	12.85	S58.49°W	5431.84	-84.94	44.32	-3.06 0.4
5502	13.19	S58.12°W	5491.27	-92.17	32.63	10.60 0.6
5564	13.55	S57.62°W	5551.59	-99.79	20.48	24.85 0.6
5626	13.95	S58.59°W	5611.81	-107.58	7.97	39.50 0.7
5688	15.62	S65.62°W	5671.77	-114.92	-6.01	55.29 3.9
5750	17.32	S73.43°W	5731.23	-121.00	-22.46	72.75 4.5
5811	18.69	S79.66°W	5789.24	-125.34	-40.78	91.14 3.9
5873	18.75	S82.63°W	5847.96	-128.40	-60.44	110.17 1.5
5935	19.09	S82.23°W	5906.62	-131.05	-80.37	129.28 0.6
5997	18.83	S81.86°W	5965.25	-133.84	-100.32	148.46 0.5
6059	18.69	S81.68°W	6023.96	-136.69	-120.05	167.48 0.2
6120	18.53	S81.37°W	6081.77	-139.56	-139.30	186.07 0.3
6182	18.35	S80.89°W	6140.58	-142.58	-158.68	204.84 0.4
6244	18.34	S80.30°W	6199.43	-145.77	-177.93	223.57 0.3
6306	18.20	S80.25°W	6258.31	-149.06	-197.09	242.25 0.2
6368	17.65	S80.18°W	6317.30	-152.30	-215.89	260.60 0.9
6429	17.48	S80.15°W	6375.46	-155.44	-234.03	278.30 0.3
6491	17.22	S79.95°W	6434.63	-158.64	-252.24	296.10 0.4
6553	17.19	S79.54°W	6493.86	-161.90	-270.29	313.77 0.2
6615	16.81	S79.63°W	6553.15	-165.18	-288.12	331.26 0.6
6676	17.81	S79.43°W	6611.39	-168.48	-305.96	348.77 1.6
6738	17.02	S79.71°W	6670.54	-171.84	-324.21	366.67 1.3
6800	16.89	S80.14°W	6729.85	-175.00	-342.02	384.08 0.3

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No Interpolation

MD ft	INC deg	DIR deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	D'LEG °/100
6862	17.26	S79.49°W	6789.12	-178.22	-359.93	401.62	0.7
6924	17.47	S78.93°W	6848.29	-181.69	-378.11	419.50	0.4
6985	17.60	S79.03°W	6906.46	-185.20	-396.15	437.27	0.2
7047	17.80	S79.04°W	6965.52	-188.79	-414.65	455.50	0.3
7109	18.04	S78.57°W	7024.51	-192.49	-433.37	473.97	0.5
7171	18.43	S74.56°W	7083.40	-197.00	-452.23	492.92	2.1
7233	18.85	S66.83°W	7142.16	-203.55	-470.88	512.57	4.0
7294	17.47	S54.66°W	7200.14	-212.73	-487.42	531.45	6.6
7356	15.38	S42.81°W	7259.62	-224.15	-500.60	548.28	6.4
7418	15.45	S40.39°W	7319.39	-236.47	-511.54	563.48	1.0
7480	15.21	S40.56°W	7379.19	-248.94	-522.18	578.48	0.4
7542	15.22	S40.42°W	7439.02	-261.31	-532.75	593.37	0.1
7603	14.44	S41.22°W	7497.98	-273.13	-542.95	607.69	1.3
7665	13.04	S42.43°W	7558.21	-284.11	-552.76	621.30	2.3
7727	11.24	S42.71°W	7618.82	-293.71	-561.58	633.41	2.9
7755	11.24	S42.71°W	7646.28	-297.72	-565.28	638.48	0.0

Origin of Bottom Hole Closure PLATFORM CENTRE
Bottom Hole Closure 639 ft S62.23°W

EDDY COUNTY, NEW MEXICO