

* * * N A U T I C A L (V e r s i o n 3 . 1) * * *

Well: Bone Flats Fed "12" No. 3 (1998 Lateral 2)

Target Azimuth: 53.91
Target TVD: 7893

Closure Direction: 70

Measured Depth (ft)	Inclination (deg.)	Azimuth (deg.)	True Vertical Depth (ft)	Vertical Section (ft)	North/ South (ft)	East/ West (ft)	Closure (ft)	Build Rate (deg/ft)	Walk Rate (deg/ft)	Dogleg Severity (d/100')	Tool Face (deg)
7,700.00	2.04	81.29	7,697.26	71.08	-58.08	61.12	<==== Tie-in Data				
7,805.00	6.90	78.50	7,801.92	22.53	-56.64	69.18	89.41	0.046	-0.027	4.6	GYRO
7,815.00	12.00	80.20	7,811.78	24.02	-56.34	70.79	90.47	0.510	0.170	51.1	GYRO
7,837.00	24.10	89.40	7,832.66	29.87	-55.72	77.58	95.52	0.550	0.418	56.3	20 R
7,854.00	34.50	94.90	7,847.46	36.40	-56.04	85.89	102.55	0.612	0.324	63.1	20 R
7,869.00	43.90	101.80	7,859.08	43.17	-57.41	95.27	111.23	0.627	0.460	69.0	20 R
7,885.00	54.20	109.00	7,869.55	50.69	-60.62	106.92	122.91	0.644	0.450	72.7	30 R
7,900.00	63.40	108.80	7,877.31	58.06	-64.78	119.06	135.54	0.613	-0.013	61.3	30 R
7,917.00	74.80	105.70	7,883.37	67.54	-69.49	134.23	151.15	0.671	-0.182	69.2	35 L
7,931.00	85.80	103.80	7,885.72	76.25	-73.00	147.57	164.64	0.786	-0.136	79.7	35 L
7,951.00	99.60	102.40	7,884.78	89.31	-77.53	167.03	184.15	0.690	-0.070	69.4	45 L
7,967.00	101.70	103.50	7,881.83	99.62	-81.05	182.36	199.56	0.131	0.069	14.8	45 R
7,998.00	105.30	104.40	7,874.59	118.98	-88.32	211.61	229.30	0.116	0.029	12.0	45 R
8,030.00	105.40	104.00	7,866.12	138.69	-95.89	241.53	259.86	0.003	-0.013	1.2	65 L
8,061.00	105.40	103.50	7,857.89	157.97	-102.99	270.56	289.50	0.000	-0.016	1.6	Rot
8,092.00	104.20	102.70	7,849.97	177.55	-109.79	299.75	319.22	-0.039	-0.026	4.6	150 L
8,123.00	98.70	101.90	7,843.81	197.73	-116.26	329.43	349.35	-0.177	-0.026	17.9	130 L
8,154.00	95.20	98.40	7,840.06	219.01	-121.68	359.72	379.75	-0.113	-0.113	15.9	130 L
8,187.00	93.90	91.20	7,837.45	243.88	-124.43	392.50	411.76	-0.039	-0.218	22.1	130 L
8,251.00	97.00	82.50	7,831.37	297.35	-120.93	456.12	471.88	0.048	-0.136	14.4	70 L
8,309.00	94.30	75.70	7,825.66	349.58	-110.02	512.80	524.47	-0.047	-0.117	12.6	120 L
8,373.00	91.50	71.10	7,822.42	409.84	-91.76	574.05	581.34	-0.044	-0.072	8.4	120 L
8,437.00	90.20	65.00	7,821.47	471.89	-67.84	633.40	637.03	-0.020	-0.095	9.7	90 L
8,500.00	89.10	58.10	7,821.86	534.33	-37.82	688.80	689.83	-0.017	-0.110	11.1	90 L
8,563.00	88.20	52.80	7,823.34	597.29	-2.11	740.67	740.67	-0.014	-0.084	8.5	80 L
8,626.00	88.80	48.50	7,824.99	660.17	37.83	789.37	790.28	0.010	-0.068	6.9	60 L
8,689.00	89.90	44.70	7,825.70	722.65	81.11	835.14	839.07	0.017	-0.060	6.3	60 L
8,752.00	90.20	45.10	7,825.65	784.87	125.73	879.61	888.55	0.005	0.006	0.8	60L-Rot
8,815.00	91.60	42.70	7,824.66	846.91	171.12	923.29	939.01	0.022	-0.038	4.4	60 L
8,878.00	95.40	33.00	7,820.81	907.33	220.78	961.87	986.89	0.060	-0.154	16.5	60 L
8,910.00	100.20	27.40	7,816.47	936.36	248.18	977.82	1,008.83	0.150	-0.175	22.9	60 L
8,942.00	103.30	21.70	7,809.96	963.67	276.68	990.84	1,028.74	0.097	-0.178	19.9	60 L
8,973.00	102.30	17.50	7,803.09	988.64	305.15	1,000.98	1,046.46	-0.032	-0.135	13.6	90L-Rot
9,004.00	102.40	17.90	7,796.46	1,013.07	334.00	1,010.19	1,063.97	0.003	0.013	1.3	Rot
9,020.00	101.60	17.00	7,793.13	1,025.66	348.93	1,014.88	1,073.19	-0.050	-0.056	7.4	180
9,055.00	91.10	16.20	7,789.26	1,053.32	382.27	1,024.82	1,093.79	-0.300	-0.023	30.1	180 Proj

RECEIVED
JUN 19 39
U.S. DEPT. OF JUSTICE
WASHINGTON, D.C.