

BFL 684/N 1654/W

MULTI-SHOT DIRECTIONAL SERVICES
ODESSA, TEXAS

JOB NUMBER: 04175051002

WELL NAME: SAN JUAN 32-8 # 247A

INRUN SURVEY
BY MINIMUM CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	L/R PROP.	INCL	BEARING AZIMUTH	COORDINATES LATITUDE DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION
0.0	0.00	0.00	0.000	00.00	000.00	0.00 N 0.00 E	0.00		0.00	AT 000.00
200.0	200.00	0.30	0.317	00.25	046.53	0.30 N 0.32 E	0.13	0.25	0.44	AT 046.53
400.0	400.00	0.60	0.633	00.00	000.00	0.60 N 0.63 E	0.13	0.25	0.87	AT 046.53
600.0	600.00	0.35	0.279	00.25	234.39	0.35 N 0.28 E	0.13	0.25	0.44	AT 038.81
800.0	800.00	0.12	-0.512	00.25	273.35	0.12 N 0.51 W	0.08	0.17	0.53	AT 282.96
1000.0	999.99	-0.30	-1.698	00.50	239.30	0.30 S 1.70 W	0.16	0.32	1.72	AT 259.90
1200.0	1199.98	-1.18	-3.206	00.50	240.26	1.18 S 3.21 W	0.00	0.01	3.42	AT 249.78
1400.0	1399.98	-1.78	-4.821	00.50	259.21	1.78 S 4.82 W	0.08	0.16	5.14	AT 249.77
1600.0	1599.97	-2.81	-5.589	00.50	174.17	2.81 S 5.59 W	0.34	0.68	6.26	AT 243.32
1800.0	1799.97	-4.08	-5.658	00.25	201.08	4.08 S 5.66 W	0.15	0.30	6.98	AT 234.18
2000.0	1999.97	-4.92	-5.722	00.25	167.77	4.92 S 5.72 W	0.07	0.14	7.54	AT 229.33
2200.0	2199.96	-6.05	-5.113	00.50	143.68	6.05 S 5.11 W	0.15	0.29	7.92	AT 220.22
2400.0	2399.96	-6.21	-3.912	00.50	051.59	6.21 S 3.91 W	0.36	0.72	7.34	AT 212.22
2600.0	2599.95	-5.49	-2.373	00.50	078.54	5.49 S 2.37 W	0.12	0.23	5.98	AT 203.37
2800.0	2799.94	-4.69	-0.916	00.50	043.58	4.69 S 0.92 W	0.15	0.30	4.78	AT 191.06
3000.0	2999.94	-3.63	-0.422	00.25	345.78	3.63 S 0.42 W	0.21	0.42	3.66	AT 186.63
3100.0	3099.94	-3.46	-0.690	00.25	259.99	3.46 S 0.69 W	0.34	0.34	3.53	AT 191.29
3195.0	3194.92	-4.54	0.110	01.75	136.20	4.54 S 0.11 E	2.00	1.90	4.54	AT 178.62
3210.0	3209.92	-4.89	0.455	02.00	134.40	4.89 S 0.46 E	1.71	0.26	4.91	AT 174.68
3300.0	3299.85	-7.37	2.674	02.25	141.61	7.37 S 2.67 E	0.41	0.37	7.84	AT 160.06
3400.0	3399.77	-10.87	4.856	02.50	153.80	10.87 S 4.86 E	0.56	0.56	11.90	AT 155.92
3500.0	3499.67	-15.19	6.195	02.75	170.99	15.19 S 6.20 E	0.82	0.82	16.41	AT 157.82
3588.0	3587.55	-19.11	4.554	03.50	227.22	19.11 S 4.55 E	3.43	3.02	19.64	AT 166.59

* THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF *
* 3588.0 FEET EQUALS 19.64 FEET AT 166.59 *
* *****

Surf Loc. 665 FWL
1650 FWL

