



State of New Mexico

County of Eddy

I, Damian Dalfrey, certify that; I am employed by DrilTech MWD Rentals LLC. I did on the day(s) of 09/01/14 through 09/26/14 conduct or supervise the taking of the 112 survey(s) from a measured depth of 4,118 feet to a measured depth of 12,333 feet. The data is true, correct, complete and within the limitations of the tool as set forth by DrilTech MWD Rentals, LLC I am authorized and qualified to make this report, and this survey(s) was/were conducted at the request of RKI Exploration & Production, LLC. for the Longview 31 Federal No. 003H, API No. 30-015-42050 in Eddy County, New Mexico. I have reviewed this report, and find that it conforms to the principles and procedures as set forth by DrilTech MWD Rentals LLC.


Operations Coordinator

Company:	RKI EXPLORATION	Job Number:
Well:	LONGVIEW FED 31-3H	Magnetic Decl.:
Location:	EDDY CO., NEW MEXICO	Grid Corr.:
Rig:	SILVER OAK #9	Total Grid Corr.:

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Course Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinate N/S (ft)
Tie In	MWD	0	0	0	0	0	0	0
1	MWD	350	0.8	142.4	350	349.9886	-2.04012	1.935897
2	MWD	561	1.8	172.3	211	560.9337	-6.57785	6.387059
3	MWD	807	3.1	187.1	246	806.7059	-16.9573	16.81698
4	MWD	958	3.8	197.4	151	957.4327	-25.6131	25.64353
5	MWD	1112	5.2	200.6	154	1110.954	-36.6927	37.04618
6	MWD	1205	6.2	204.1	93	1203.494	-44.9397	45.57559
7	MWD	1299	7.4	211.7	94	1296.833	-54.3119	55.35996
8	MWD	1391	7.4	215.7	92	1388.067	-63.6551	65.212
9	MWD	1483	7.2	221.5	92	1479.322	-72.2255	74.34138
10	MWD	1575	7.7	231.4	92	1570.549	-79.733	82.50495
11	MWD	1667	7.9	239.1	92	1661.701	-86.0542	89.59719
12	MWD	1760	8.8	239.3	93	1753.714	-92.0981	96.51138
13	MWD	1853	8.1	238.7	93	1845.704	-98.2549	103.5472
14	MWD	1979	7.9	234.9	126	1970.478	-106.743	113.1379
15	MWD	2070	7.9	235.9	91	2060.615	-113.07	120.24
16	MWD	2165	7.7	234.9	95	2154.736	-119.591	127.5597
17	MWD	2259	8.2	241	94	2247.834	-125.635	134.4308
18	MWD	2354	8.7	238.4	95	2341.802	-131.781	141.4802
19	MWD	2448	9.6	238.2	94	2434.605	-138.682	149.3358
20	MWD	2542	10.6	237	94	2527.148	-146.476	158.1752
21	MWD	2637	11.2	235	95	2620.433	-155.407	168.2261
22	MWD	2732	10.6	235.6	95	2713.719	-164.524	178.4546
23	MWD	2827	10.1	242.6	95	2807.177	-172.198	187.225
24	MWD	2922	10.3	244	95	2900.676	-178.631	194.7815
25	MWD	3016	11.4	239.6	94	2992.995	-185.851	203.1669
26	MWD	3109	12.8	237.5	93	3083.927	-194.79	213.3537
27	MWD	3204	12.4	235.6	95	3176.64	-204.907	224.7707
28	MWD	3298	11.8	235.7	94	3268.551	-214.801	235.889
29	MWD	3393	11.9	234	95	3361.527	-224.831	247.1201
30	MWD	3487	11.1	233.1	94	3453.639	-234.824	258.2498
31	MWD	3582	10.3	231.4	95	3546.986	-244.56	269.0394
32	MWD	3676	9	232.2	94	3639.654	-253.375	278.789
33	MWD	3771	6.7	234.9	95	3733.758	-260.332	286.531
34	MWD	3865	5.5	237.2	94	3827.224	-265.303	292.1245
35	MWD	3959	4.3	237.7	94	3920.879	-269.118	296.448
36	MWD	4043	3.4	231	84	4004.689	-272.022	299.6984

TPNM14-03-255

7.41

Calculation Method: Minimum Curvature

Proposed Azimuth: 355.79

Well API #: 30-014-42050

7.41

Tie Into: SRFC

s	E/W (ft)	Closure Distance (ft)	Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
	0	0	0	0	0
S	1.490842 E	2.443421	142.4	0.228571	0.228571
S	2.833647 E	6.987423	156.0753	0.557408	0.473934
S	2.529131 E	17.0061	171.4473	0.583449	0.528455
S	0.528123 E	25.64897	178.8202	0.61743	0.463576
S	3.453513 W	37.2068	185.3258	0.923243	0.909091
S	6.987044 W	46.10806	188.716	1.137894	1.075269
S	12.2409 W	56.69713	192.4683	1.593023	1.276596
S	18.8114 W	67.87101	196.091	0.559869	0
S	26.08898 W	78.78627	199.3377	0.829636	-0.21739
S	34.72641 W	89.51531	202.8263	1.495058	0.543478
S	44.96857 W	100.2488	206.6519	1.155581	0.217391
S	56.5697 W	111.8686	210.3765	0.968244	0.967742
S	68.28504 W	124.0358	213.4032	0.758625	-0.75269
S	82.95436 W	140.2912	216.2494	0.448639	-0.15873
S	93.24931 W	152.1614	217.7945	0.151036	0
S	103.8624 W	164.4958	219.1534	0.254413	-0.21053
S	114.8779 W	176.8292	220.5156	1.042578	0.531915
S	126.923 W	190.0687	221.8955	0.662254	0.526316
S	139.64 W	204.4518	223.0783	0.958043	0.957447
S	153.5528 W	220.4493	224.1505	1.087074	1.06383
S	168.4387 W	238.058	225.0362	0.746484	0.631579
S	183.206 W	255.7548	225.7527	0.642763	-0.63158
S	197.8117 W	272.3649	226.575	1.423509	-0.52632
S	212.8407 W	288.5152	227.5368	0.335284	0.210526
S	228.4073 W	305.6905	228.3471	1.464044	1.170213
S	245.0243 W	324.8949	228.9524	1.577795	1.505376
S	262.316 W	345.444	229.4077	0.606273	-0.42105
S	278.5836 W	365.0376	229.7439	0.638687	-0.6383
S	294.532 W	384.4704	230.0025	0.382233	0.105263
S	309.6089 W	403.1757	230.168	0.872182	-0.85106
S	323.5597 W	420.8005	230.2565	0.90519	-0.84211
S	335.9374 W	436.5516	230.3113	1.390285	-1.38298
S	346.3443 W	449.5046	230.399	2.451313	-2.42105
S	354.6175 W	459.4456	230.5192	1.302551	-1.2766
S	361.383 W	467.4175	230.6374	1.277392	-1.2766
S	365.9807 W	473.0338	230.6863	1.196055	-1.07143

Company: RKI EXPLORATION Job Number:
 Well: LONGVIEW FED 31-3H Magnetic Decl.:
 Location: EDDY CO., NEW MEXICO Grid Corr.:
 Rig: SILVER OAK #9 Total Grid Corr.:

Survey #	Survey Tool Type	Survey Depth (ft)	Inclina- tion (deg)	Azimuth (deg)	Course Length (ft)	True Vertic Depth (ft)	Vertical Section (ft)	Coordinate N/S (ft)
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	3 MWD	807	3.1	187.1	246	806.7059	-16.9573	16.81698
	4 MWD	958	3.8	197.4	151	957.4327	-25.6131	25.64353
	5 MWD	1112	5.2	200.6	154	1110.954	-36.6927	37.04618
	6 MWD	1205	6.2	204.1	93	1203.494	-44.9397	45.57559
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	8 MWD	1391	7.4	215.7	92	1388.067	-63.6551	65.212
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	10 MWD	1575	7.7	231.4	92	1570.549	-79.733	82.50495
	11 MWD	1667	7.9	239.1	92	1661.701	-86.0542	89.59719
	12 MWD	1760	8.8	239.3	93	1753.714	-92.0981	96.51138
	13 MWD	1853	8.1	238.7	93	1845.704	-98.2549	103.5472
	14 MWD	1979	7.9	234.9	126	1970.478	-106.743	113.1379
	15 MWD	2070	7.9	235.9	91	2060.615	-113.07	120.24
	16 MWD	2165	7.7	234.9	95	2154.736	-119.591	127.5597
	17 MWD	2259	8.2	241	94	2247.834	-125.635	134.4308
	18 MWD	2354	8.7	238.4	95	2341.802	-131.781	141.4802
	19 MWD	2448	9.6	238.2	94	2434.605	-138.682	149.3358
	20 MWD	2542	10.6	237	94	2527.148	-146.476	158.1752
	21 MWD	2637	11.2	235	95	2620.433	-155.407	168.2261
	22 MWD	2732	10.6	235.6	95	2713.719	-164.524	178.4546
	23 MWD	2827	10.1	242.6	95	2807.177	-172.198	187.225
	24 MWD	2922	10.3	244	95	2900.676	-178.631	194.7815
	25 MWD	3016	11.4	239.6	94	2992.995	-185.851	203.1669
	26 MWD	3109	12.8	237.5	93	3083.927	-194.79	213.3537
	27 MWD	3204	12.4	235.6	95	3176.64	-204.907	224.7707
	28 MWD	3298	11.8	235.7	94	3268.551	-214.801	235.889
	29 MWD	3393	11.9	234	95	3361.527	-224.831	247.1201
	30 MWD	3487	11.1	233.1	94	3453.639	-234.824	258.2498
	31 MWD	3582	10.3	231.4	95	3546.986	-244.56	269.0394
	32 MWD	3676	9	232.2	94	3639.654	-253.375	278.789
	33 MWD	3771	6.7	234.9	95	3733.758	-260.332	286.531
	34 MWD	3865	5.5	237.2	94	3827.224	-265.303	292.1245
	35 MWD	3959	4.3	237.7	94	3920.879	-269.118	296.448
	36 MWD	4043	3.4	231	84	4004.689	-272.022	299.6984

TPNM14-03-255

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Proposed Azimuth: 355.79

Well API #: 30-014-42050

7.41

Tie Into: SRFC

s

	E/W	Closure		Dogleg	Build
	(ft)	Distance	Angle	Severity	Rate
	(ft)	(ft)	(deg)	(d/100')	(d/100')
	0	0	0	0	0
S	1.490842 E	2.443421	142.4	0.228571	0.228571
S	2.833647 E	6.987423	156.0753	0.557408	0.473934
S	2.529131 E	17.0061	171.4473	0.583449	0.528455
S	0.528123 E	25.64897	178.8202	0.61743	0.463576
S	3.453513 W	37.2068	185.3258	0.923243	0.909091
S	6.987044 W	46.10806	188.716	1.137894	1.075269
S	12.2409 W	56.69713	192.4633	1.593023	1.276596
S	18.8114 W	67.87101	196.091	0.559869	0
S	26.08898 W	78.78627	199.3377	0.829636	-0.21739
S	34.72641 W	89.51531	202.8263	1.495058	0.543478
S	44.96857 W	100.2488	206.6519	1.155581	0.217391
S	56.5697 W	111.8686	210.3765	0.968244	0.967742
S	68.28504 W	124.0358	213.4032	0.758625	-0.75269
S	82.95436 W	140.2912	216.2494	0.448639	-0.15873
S	93.24931 W	152.1614	217.7945	0.151036	0
S	103.8624 W	164.4958	219.1534	0.254413	-0.21053
S	114.8779 W	176.8292	220.5156	1.042578	0.531915
S	126.923 W	190.0687	221.8955	0.662254	0.526316
S	139.64 W	204.4518	223.0783	0.958043	0.957447
S	153.5528 W	220.4493	224.1505	1.087074	1.06383
S	168.4387 W	238.058	225.0362	0.746484	0.631579
S	183.206 W	255.7548	225.7527	0.642763	-0.63158
S	197.8117 W	272.3649	226.575	1.423509	-0.52632
S	212.8407 W	288.5152	227.5368	0.335284	0.210526
S	228.4073 W	305.6905	228.3471	1.464044	1.170213
S	245.0243 W	324.8949	228.9524	1.577795	1.505376
S	262.316 W	345.444	229.4077	0.606273	-0.42105
S	278.5836 W	365.0376	229.7439	0.638687	-0.6383
S	294.532 W	384.4704	230.0025	0.382233	0.105263
S	309.6089 W	403.1757	230.168	0.872182	-0.85106
S	323.5597 W	420.8005	230.2565	0.90519	-0.84211
S	335.9374 W	436.5516	230.3113	1.390285	-1.38298
S	346.3443 W	449.5046	230.399	2.451313	-2.42105
S	354.6175 W	459.4456	230.5192	1.302551	-1.2766
S	361.383 W	467.4175	230.6374	1.277392	-1.2766
S	365.9807 W	473.0338	230.6863	1.196055	-1.07143



Terra Pilot MWD Tools LLC
5 North Cooley Dr.
Oklahoma City, OK 73127

November 11, 2014

State of New Mexico
Eddy County, NM

I, Brian Bobo, certify that: I am employed by Terra Pilot MWD Tool LLC (TX RRC Operator Number – 843257); that I did on the day(s) of 8/23/2014 through 8/31/2014 conduct or supervise the taking of MWD surveys from a depth of 0 feet measured depth (MWD Tie-In survey to Surface) to a depth of 4043 feet measured depth (MWD Projected Bottom Hole); that the data is true, correct, complete, and within the limitations of the tool as set forth by Terra Pilot MWD Tool LLC; that I am authorized and qualified to make this report; that the survey was conducted at the request of RKI E&P LLC, Inc. for the Longview Federal-31-#3H well; Well A.P. I. No.: 30-015-42050 in Eddy County, New Mexico and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Terra Pilot MWD Tool LLC.

A handwritten signature in black ink, appearing to be "BB", is written above a horizontal line.

Brian Bobo
Surveyor
Terra Pilot MWD Tool LLC



Directional Survey Report

Company Name: RKI
Well Name: Longview Fed 31-3H
Rig ID: Silver Oak 9
API/UWI: 30-015-42050
Field: Eddy County
Location: Eddy County
State/Prov: NM
County: Eddy County

Survey Company: DrilTech
Job Number: 2014-333-WDDT-NM
Start Date: 9-1-14
End Date: 9-24-14
Declination: 7.41
Proposed Azimuth: 355.79
North Reference: True North

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS	Temp
Tiein	4,043.00	3.40	231.00	4,004.68	-299.66	-366.17	-271.97	0.00	0.00
1	4,118.00	3.30	233.80	4,079.55	-302.33	-369.64	-274.38	0.26	107.60
2	4,181.00	1.90	240.10	4,142.49	-303.93	-372.01	-275.80	2.26	114.80
3	4,275.00	0.70	288.50	4,236.46	-304.52	-373.90	-276.25	1.63	118.40
4	4,370.00	0.70	310.30	4,331.45	-303.96	-374.90	-275.62	0.28	122.00
5	4,464.00	0.90	288.70	4,425.45	-303.35	-376.03	-274.93	0.38	125.60
6	4,559.00	1.20	275.70	4,520.43	-303.02	-377.73	-274.47	0.40	125.60
7	4,654.00	1.20	276.90	4,615.41	-302.80	-379.71	-274.10	0.03	125.60
8	4,749.00	1.10	324.20	4,710.39	-301.94	-381.23	-273.14	0.98	125.60
9	4,844.00	1.20	329.10	4,805.37	-300.34	-382.27	-271.47	0.15	125.60
10	4,939.00	1.10	318.40	4,900.35	-298.81	-383.39	-269.86	0.25	125.60
11	5,034.00	0.90	327.30	4,995.34	-297.50	-384.40	-268.48	0.27	125.60
12	5,129.00	1.10	321.00	5,090.32	-296.16	-385.38	-267.07	0.24	125.60
13	5,224.00	0.90	329.10	5,185.31	-294.81	-386.33	-265.66	0.26	125.60
14	5,318.00	0.70	316.40	5,279.30	-293.76	-387.11	-264.55	0.28	125.60
15	5,413.00	0.90	306.60	5,374.29	-292.90	-388.11	-263.62	0.25	125.60
16	5,508.00	0.70	302.70	5,469.28	-292.14	-389.19	-262.78	0.22	125.60
17	5,603.00	0.70	312.90	5,564.28	-291.43	-390.11	-262.01	0.13	125.60
18	5,697.00	0.70	310.60	5,658.27	-290.67	-390.96	-261.18	0.03	129.20
19	5,792.00	0.90	288.80	5,753.26	-290.05	-392.11	-260.48	0.38	129.20
20	5,887.00	0.90	354.90	5,848.25	-289.07	-392.88	-259.44	1.03	129.20
21	5,982.00	0.70	9.30	5,943.24	-287.75	-392.86	-258.13	0.30	129.20
22	6,077.00	0.50	357.90	6,038.24	-286.76	-392.78	-257.16	0.24	132.80
23	6,172.00	0.50	1.80	6,133.23	-285.94	-392.78	-256.33	0.04	132.80
24	6,267.00	0.40	19.20	6,228.23	-285.21	-392.66	-255.61	0.18	132.80
25	6,361.00	0.00	25.90	6,322.23	-284.90	-392.55	-255.31	0.43	132.80
26	6,456.00	0.20	272.30	6,417.23	-284.89	-392.72	-255.29	0.21	132.80
27	6,551.00	0.50	259.70	6,512.23	-284.96	-393.29	-255.32	0.32	136.40
28	6,646.00	0.50	237.00	6,607.22	-285.26	-394.04	-255.56	0.21	136.40
29	6,741.00	0.70	186.10	6,702.22	-286.06	-394.47	-256.33	0.56	132.80
30	6,836.00	1.60	176.00	6,797.20	-287.96	-394.46	-258.22	0.98	136.40
31	6,931.00	1.90	196.60	6,892.15	-290.79	-394.82	-261.02	0.73	136.40
32	7,006.00	1.10	216.10	6,967.13	-292.56	-395.60	-262.73	1.25	136.40
33	7,047.00	0.50	276.70	7,008.13	-292.86	-396.01	-263.00	2.34	118.40
34	7,079.00	3.30	340.30	7,040.11	-291.98	-396.46	-262.08	9.72	122.00
35	7,110.00	6.70	344.00	7,070.98	-289.40	-397.26	-259.45	11.01	122.00
36	7,142.00	9.50	345.30	7,102.66	-285.05	-398.44	-255.03	8.77	125.60
37	7,173.00	11.40	348.10	7,133.15	-279.57	-399.72	-249.47	6.34	125.60
38	7,205.00	12.70	352.10	7,164.44	-272.99	-400.86	-242.83	4.83	125.60
39	7,237.00	15.00	350.40	7,195.51	-266.43	-402.03	-235.20	7.30	125.60
40	7,268.00	17.40	352.50	7,225.25	-256.87	-403.31	-226.57	7.97	125.60
41	7,300.00	19.40	357.40	7,255.64	-246.82	-404.17	-216.48	7.90	114.80
42	7,332.00	20.80	2.30	7,285.69	-235.83	-404.19	-205.52	6.84	114.80
43	7,364.00	24.80	3.20	7,315.19	-223.45	-403.58	-193.22	12.55	118.40
44	7,396.00	29.70	2.30	7,343.63	-208.82	-402.89	-178.68	15.37	122.00
45	7,427.00	34.70	2.00	7,369.85	-192.32	-402.27	-162.27	16.14	122.00
46	7,459.00	38.70	2.50	7,395.50	-173.21	-401.52	-143.27	12.53	125.60
47	7,490.00	42.40	2.80	7,419.05	-153.08	-400.59	-123.26	11.95	129.20
48	7,522.00	43.50	3.40	7,442.47	-131.31	-399.41	-101.64	3.67	129.20
49	7,554.00	43.10	3.40	7,465.76	-109.40	-398.10	-79.88	1.25	132.80

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS	Temp
50	7,586.00	41.90	3.00	7,489.36	-87.82	-396.90	-58.45	3.84	132.80
51	7,617.00	43.30	2.50	7,512.17	-66.86	-395.89	-37.62	4.65	136.40
52	7,648.00	46.60	1.40	7,534.11	-44.98	-395.15	-15.85	10.94	136.40
53	7,680.00	51.20	0.70	7,555.14	-20.87	-394.72	8.16	14.47	136.40
54	7,712.00	56.30	0.20	7,574.06	4.92	-394.52	33.87	15.99	136.40
55	7,743.00	60.20	0.40	7,590.37	31.28	-394.38	60.15	12.59	136.40
56	7,775.00	63.30	0.70	7,605.51	59.46	-394.11	88.23	9.72	136.40
57	7,807.00	66.00	0.60	7,619.21	88.38	-393.78	117.05	8.44	136.40
58	7,838.00	69.10	0.40	7,631.05	117.02	-393.53	145.60	10.02	140.00
59	7,870.00	73.00	0.90	7,641.44	147.28	-393.18	175.75	12.28	143.60
60	7,902.00	76.50	1.60	7,649.85	178.14	-392.51	206.48	11.14	143.60
61	7,934.00	79.20	1.60	7,656.59	209.41	-391.64	237.60	8.44	147.20
62	7,965.00	81.10	1.30	7,661.89	239.94	-390.86	267.99	6.20	147.20
63	7,996.00	82.30	1.10	7,666.37	270.61	-390.22	298.53	3.92	132.80
64	8,028.00	84.50	1.30	7,670.04	302.39	-389.56	330.17	6.90	132.80
65	8,059.00	87.30	2.00	7,672.26	333.29	-388.65	360.93	9.31	140.00
66	8,090.00	88.90	2.00	7,673.29	364.26	-387.58	391.73	5.15	140.00
67	8,122.00	89.70	1.30	7,673.68	396.24	-386.56	423.56	3.32	140.00
68	8,216.00	92.00	0.60	7,672.28	430.21	-385.10	517.16	2.56	143.60
69	8,311.00	92.70	0.00	7,668.39	585.13	-384.61	611.78	0.97	147.20
70	8,405.00	91.10	0.00	7,665.27	679.07	-384.61	705.48	1.70	143.60
71	8,500.00	91.30	359.50	7,663.28	774.05	-384.69	800.20	0.24	147.20
72	8,595.00	92.60	359.10	7,660.05	888.99	-385.52	894.95	1.61	147.20
73	8,689.00	90.30	358.60	7,657.57	962.94	-387.40	988.78	2.50	136.40
74	8,783.00	91.80	0.60	7,655.95	1,056.51	-388.26	1,082.55	2.66	143.60
75	8,877.00	90.10	0.90	7,654.39	1,150.69	-386.83	1,176.18	1.84	143.60
76	8,971.00	90.60	0.60	7,653.82	1,244.87	-385.60	1,269.82	0.62	147.20
77	9,065.00	91.10	0.40	7,652.42	1,338.86	-384.73	1,363.50	0.57	147.20
78	9,160.00	91.30	1.10	7,650.43	1,433.83	-383.54	1,458.12	0.77	147.20
79	9,254.00	87.40	2.00	7,651.50	1,527.77	-380.99	1,551.62	4.25	147.20
80	9,348.00	88.00	1.80	7,655.27	1,621.64	-377.88	1,645.01	0.67	147.20
81	9,442.00	86.90	2.10	7,659.45	1,715.49	-374.69	1,738.37	1.21	150.80
82	9,535.00	88.50	2.50	7,663.18	1,808.34	-370.96	1,830.69	1.77	150.80
83	9,630.00	90.80	2.70	7,663.76	1,903.24	-366.65	1,925.02	2.43	150.80
84	9,724.00	91.80	1.10	7,661.83	1,997.16	-363.53	2,018.45	2.01	147.20
85	9,818.00	92.40	0.40	7,658.19	2,091.08	-362.30	2,112.04	0.98	150.80
86	9,911.00	91.30	0.40	7,655.19	2,184.03	-361.65	2,204.69	1.18	150.80
87	10,006.00	90.40	0.60	7,653.78	2,279.02	-360.52	2,299.36	0.97	150.80
88	10,102.00	90.10	0.40	7,653.36	2,375.01	-359.99	2,395.03	0.38	154.40
89	10,197.00	90.80	0.40	7,652.61	2,470.01	-359.32	2,489.72	0.74	154.40
90	10,290.00	91.00	0.60	7,651.15	2,562.99	-358.51	2,582.39	0.30	154.40
91	10,385.00	93.30	1.10	7,647.59	2,657.91	-357.10	2,676.95	2.48	140.00
92	10,480.00	93.80	1.10	7,641.70	2,752.71	-355.28	2,771.36	0.53	147.20
93	10,575.00	92.70	0.00	7,636.32	2,847.55	-354.37	2,865.38	1.64	150.80
94	10,571.00	92.60	359.50	7,631.88	2,943.44	-354.73	2,961.55	0.53	150.80
95	10,764.00	93.10	359.50	7,627.26	3,035.32	-355.60	3,054.24	0.54	154.40
96	10,859.00	91.70	358.40	7,623.28	3,131.22	-357.34	3,149.00	1.87	154.40
97	10,953.00	91.80	356.70	7,620.41	3,225.09	-361.36	3,242.91	1.81	150.80
98	11,047.00	91.10	357.20	7,618.03	3,318.92	-366.35	3,336.85	0.92	147.20
99	11,143.00	91.30	357.70	7,616.02	3,414.51	-370.83	3,432.80	0.56	136.40
100	11,238.00	91.70	358.80	7,613.53	3,509.73	-373.53	3,527.63	1.23	147.20
101	11,332.00	91.30	0.00	7,611.07	3,603.69	-374.51	3,621.46	1.35	150.80
102	11,428.00	92.40	0.90	7,607.97	3,699.63	-373.76	3,717.09	1.48	150.80
103	11,523.00	91.70	2.00	7,604.87	3,794.54	-371.36	3,811.56	1.37	150.80
104	11,619.00	91.70	1.30	7,601.72	3,890.46	-368.59	3,907.02	0.73	150.80
105	11,714.00	89.70	3.70	7,600.53	3,985.35	-364.45	4,001.35	3.29	136.40
106	11,810.00	90.80	3.90	7,600.14	4,081.13	-358.09	4,096.41	1.16	140.00
107	11,904.00	88.80	2.70	7,600.39	4,174.97	-352.63	4,189.60	2.39	147.20
108	12,000.00	89.00	3.50	7,602.15	4,270.82	-347.49	4,284.80	0.84	147.20
109	12,095.00	92.60	2.70	7,600.62	4,365.65	-342.85	4,379.00	3.88	147.20

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS	Temp
110	12,189.00	89.20	359.90	7,599.35	4,459.59	-340.22	4,472.53	4.69	143.60
111	12,283.00	91.10	2.70	7,599.10	4,553.55	-338.09	4,566.09	3.60	143.60
112	12,333.00	91.10	2.70	7,598.14	4,603.49	-335.73	4,615.71	0.00	143.60