

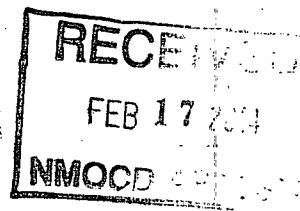
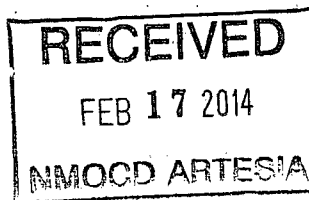


A GYRO TECHNOLOGIES INC. COMPANY

PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

July 31, 2013

Devon Energy Production Co., L. P.
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010



Attn: Patti Riechers

Re: Harroun Trust 31 No. 005H

30-015-40827

Please find enclosed a copy of the survey from 0.00' to 5855.00' ran on the above referenced well.

If I can be of any further service please do not hesitate to call me at 800-606-4976.

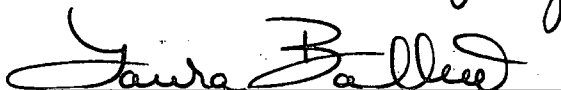
Sincerely,


Keith Havelka
Operations

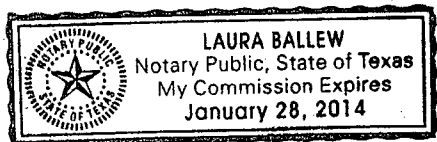
STATE OF TEXAS §

COUNTY OF NUECES §

This instrument was acknowledged before me on the 31st day of July,
A.D., 2013, by Keith Havelka.



Laura Ballew
Notary Public, State of Texas





Company: Devon Energy Production Company

Lease/Well: Harroun Trust 31/No. 005H

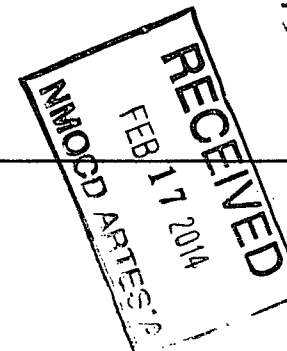
Rig Name: Scan Texas

State/County: New Mexico/ Eddy

Latitude: 32.255, Longitude: -104.019

GRID North is 0.170 Degrees East of True North

VS-Azi: 0.000 Degrees



Depth Reference : RKB = 26 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: ha gyro-de_01.ut

Minimum Curvature Method

Report Date/Time: 7/31/2013 / 11:54

Vaughn Energy Services

Midland, TX

432-563-5444

Surveyor: Charles Hines

Harroun Trust 31 No. 005H / API 30-015-40827

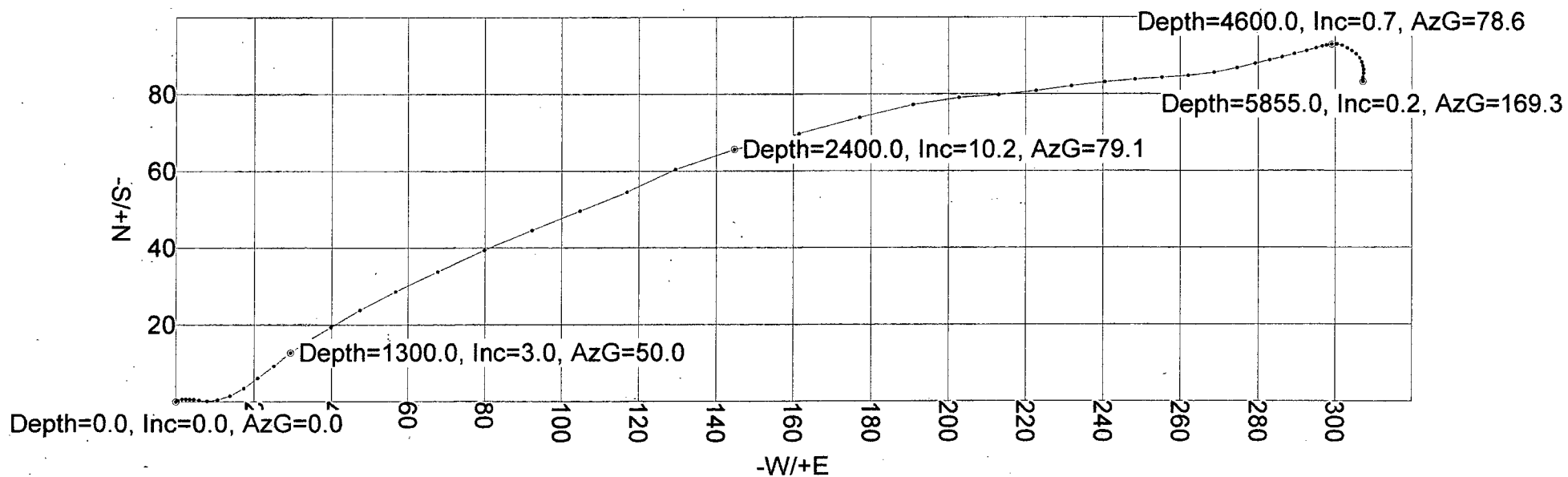
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	****
100.000	0.726	59.356	99.997	0.323	0.545	0.323	0.634	59.356	0.726
200.000	0.580	86.541	199.991	0.676	1.595	0.676	1.733	67.026	0.338
300.000	0.581	90.762	299.986	0.700	2.608	0.700	2.700	74.971	0.043
400.000	0.553	94.830	399.981	0.653	3.595	0.653	3.654	79.708	0.049
500.000	0.591	95.915	499.976	0.559	4.589	0.559	4.623	83.054	0.040
600.000	0.958	99.485	599.967	0.368	5.927	0.368	5.938	86.446	0.370
700.000	1.379	94.090	699.946	0.145	7.951	0.145	7.953	88.959	0.434
800.000	1.716	74.555	799.910	0.457	10.594	0.457	10.604	87.528	0.621
900.000	2.163	68.318	899.852	1.553	13.791	1.553	13.878	83.573	0.494
1000.000	2.463	55.226	999.772	3.476	17.310	3.476	17.655	78.645	0.606
1100.000	2.663	52.186	1099.671	6.126	20.910	6.126	21.789	73.671	0.242
1200.000	3.297	53.079	1199.536	9.278	25.044	9.278	26.708	69.673	0.635
1300.000	2.994	50.005	1299.385	12.683	29.344	12.683	31.968	66.624	0.346
1400.000	3.352	58.856	1399.232	15.874	33.847	15.874	37.385	64.874	0.606
1500.000	4.493	60.018	1498.996	19.344	39.742	19.344	44.200	64.046	1.143
1600.000	5.610	58.609	1598.606	23.847	47.307	23.847	52.978	63.248	1.124
1700.000	6.478	66.619	1698.051	28.632	56.657	28.632	63.481	63.190	1.208
1800.000	7.537	63.563	1797.303	33.790	67.708	33.790	75.671	63.478	1.122

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1900.000	7.864	67.266	1896.402	39.354	79.889	39.354	89.056	63.775	0.594
2000.000	7.693	67.719	1995.482	44.535	92.392	44.535	102.565	64.265	0.182
2100.000	7.584	67.517	2094.595	49.596	104.683	49.596	115.837	64.650	0.112
2200.000	7.507	68.566	2193.729	54.506	116.861	54.506	128.947	64.995	0.158
2300.000	8.510	61.722	2292.755	60.399	129.458	60.399	142.854	64.988	1.382
2400.000	10.161	79.128	2391.446	65.570	144.640	65.570	158.809	65.614	3.252
2500.000	9.763	73.469	2489.941	69.646	161.431	69.646	175.814	66.663	1.056
2600.000	8.831	76.271	2588.627	73.880	177.016	73.880	191.815	67.346	1.036
2700.000	7.575	76.969	2687.602	77.188	190.896	77.188	205.910	67.984	1.260
2800.000	6.184	86.189	2786.882	79.033	202.692	79.033	217.555	68.698	1.773
2900.000	5.646	85.596	2886.350	79.768	212.971	79.768	227.419	69.467	0.541
3000.000	5.642	82.174	2985.865	80.815	222.745	80.815	236.953	70.058	0.337
3100.000	4.989	82.387	3085.434	82.061	231.926	82.061	246.015	70.515	0.653
3200.000	4.879	84.318	3185.064	83.058	240.467	83.058	254.407	70.945	0.200
3300.000	4.121	85.658	3284.755	83.751	248.282	83.751	262.027	71.360	0.765
3400.000	3.889	86.019	3384.511	84.258	255.247	84.258	268.795	71.732	0.233
3500.000	3.828	87.008	3484.284	84.668	261.964	84.668	275.307	72.089	0.090
3600.000	3.870	79.384	3584.059	85.464	268.615	85.464	281.883	72.351	0.513
3700.000	3.112	77.331	3683.873	86.681	274.581	86.681	287.938	72.480	0.768
3800.000	2.394	74.636	3783.757	87.830	279.243	87.830	292.730	72.540	0.730
3900.000	2.027	78.005	3883.682	88.751	282.987	88.751	296.577	72.587	0.389
4000.000	1.850	76.128	3983.625	89.505	286.283	89.505	299.949	72.638	0.188
4100.000	1.933	75.302	4083.571	90.320	289.481	90.320	303.244	72.672	0.087
4200.000	1.764	75.216	4183.519	91.140	292.600	91.140	306.466	72.699	0.169
4300.000	1.185	73.331	4283.485	91.830	295.079	91.830	309.037	72.714	0.580
4400.000	0.671	74.531	4383.472	92.282	296.633	92.282	310.657	72.719	0.515
4500.000	0.771	78.229	4483.464	92.576	297.856	92.576	311.911	72.734	0.111
4600.000	0.737	78.552	4583.455	92.841	299.146	92.841	313.221	72.758	0.034
4700.000	0.807	97.718	4683.446	92.874	300.475	92.874	314.501	72.824	0.266
4800.000	0.847	112.456	4783.436	92.497	301.856	92.497	315.710	72.963	0.216
4900.000	0.811	121.294	4883.425	91.847	303.144	91.847	316.752	73.144	0.133
5000.000	0.798	122.197	4983.415	91.108	304.338	91.108	317.682	73.334	0.018
5100.000	0.869	132.521	5083.405	90.225	305.486	90.225	318.531	73.546	0.166
5200.000	0.733	146.061	5183.395	89.181	306.402	89.181	319.117	73.772	0.232
5300.000	0.600	159.956	5283.388	88.158	306.939	88.158	319.348	73.975	0.209
5400.000	0.579	165.548	5383.383	87.177	307.244	87.177	319.373	74.159	0.061
5500.000	0.536	176.218	5483.378	86.221	307.401	86.221	319.264	74.332	0.112
5600.000	0.625	182.328	5583.373	85.208	307.410	85.208	319.001	74.508	0.108
5700.000	0.581	193.646	5683.368	84.170	307.268	84.170	318.588	74.681	0.127

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5800.000	0.348	173.448	5783.365	83.376	307.183	83.376	318.297	74.815	0.282
5855.000	0.248	169.272	5838.364	83.093	307.224	83.093	318.263	74.866	0.186



Vaughn Energy Services
Midland, TX
432-563-5444
Surveyor: Charles Hines
Harroun Trust 31 No. 005H / API 30-015-40827





Job Number: MD-130865
 Company: Devon Energy Corporation
 Lease/Well: Harroun Trust 31 5H
 Location: Eddy Co., NM
 Rig Name: Scandril Texas
 RKB: 26
 G.L. or M.S.L.: 2957

State/Country: NM / USA
 Declination: 7.54
 Grid: 7.37
 File name: C:\USERS\LEAM\DESKTOP\HARROU~1\SURVEYS\130
 Date/Time: 08-Aug-13 / 10:05
 Curve Name: C:\USERS\LEAM\DESKTOP\HARROU~1\PLAN3~1\PI

LEAM Drilling Systems

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 4.19
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
Tie into VES gyro surveys.									
5855.00	.25	169.27	5838.36	83.10	307.23	105.33	318.27	74.86	.00
The following are LEAM MWD surveys.									
5931.00	.35	143.25	5914.36	82.75	307.40	104.99	318.34	74.93	.22
5963.00	.70	51.49	5946.36	82.79	307.61	105.05	318.56	74.94	2.48
5994.00	3.87	25.86	5977.33	83.85	308.22	106.15	319.42	74.78	10.49
6026.00	7.47	24.77	6009.17	86.72	309.56	109.10	321.48	74.35	11.25
6057.00	11.26	24.77	6039.75	91.29	311.67	113.82	324.77	73.67	12.23
6089.00	14.86	26.88	6070.92	97.79	314.84	120.54	329.68	72.74	11.35
6120.00	18.99	26.53	6100.57	105.86	318.89	128.87	336.00	71.64	13.33
6152.00	22.86	27.23	6130.45	116.04	324.06	139.41	344.21	70.30	12.12
6184.00	26.12	27.58	6159.57	127.82	330.17	151.60	354.05	68.84	10.20
6215.00	30.16	26.53	6186.90	140.84	336.81	165.07	365.07	67.31	13.13
6247.00	34.47	24.77	6213.94	156.26	344.20	180.99	378.01	65.58	13.78
6279.00	38.95	23.37	6239.58	173.73	351.98	198.98	392.52	63.73	14.24
6310.00	43.26	22.31	6262.94	192.51	359.89	218.29	408.14	61.86	14.08
6342.00	47.22	21.61	6285.47	213.58	368.38	239.92	425.81	59.90	12.47
6374.00	50.91	20.73	6306.43	236.12	377.10	263.04	444.92	57.95	11.72
6405.00	53.99	19.67	6325.32	259.18	385.58	286.66	464.60	56.09	10.30
6437.00	55.84	18.62	6343.71	283.92	394.17	311.96	485.77	54.23	6.37
6468.00	57.42	17.21	6360.76	308.55	402.13	337.11	506.86	52.50	6.36
6500.00	60.15	15.46	6377.35	334.81	409.82	363.86	529.20	50.75	9.73
6532.00	62.61	14.23	6392.68	361.96	417.01	391.46	552.19	49.04	8.40
6563.00	65.07	14.05	6406.34	388.94	423.81	418.87	575.23	47.46	7.95
6595.00	68.94	14.40	6418.84	417.49	431.04	447.87	600.08	45.92	12.14
6627.00	73.25	14.93	6429.21	446.77	438.71	477.63	626.15	44.48	13.56

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
				FT	FT	FT	Distance FT	Direction Deg	
6658.00	78.00	15.81	6436.90	475.72	446.67	507.08	652.55	43.20	15.57
6697.00	83.80	17.21	6443.07	512.62	457.61	544.69	687.16	41.75	15.29
6761.00	90.40	15.81	6446.30	573.87	475.76	607.10	745.44	39.66	10.54
6853.00	91.45	14.05	6444.82	662.75	499.46	697.47	829.88	37.00	2.23
6947.00	91.10	11.24	6442.72	754.43	520.03	790.41	916.30	34.58	3.01
7039.00	90.92	8.25	6441.10	845.08	535.60	881.96	1000.52	32.37	3.26
7132.00	90.66	5.61	6439.82	937.39	546.82	974.83	1085.22	30.26	2.85
7227.00	87.93	2.62	6440.99	1032.11	553.63	1069.81	1171.23	28.21	4.26
7322.00	88.37	358.93	6444.06	1127.04	554.92	1164.57	1256.24	26.21	3.91
7416.00	89.43	359.11	6445.86	1221.01	553.31	1258.17	1340.53	24.38	1.14
7510.00	90.66	359.46	6445.79	1315.00	552.14	1351.82	1426.21	22.78	1.36
7604.00	92.24	359.99	6443.41	1408.96	551.69	1445.51	1513.12	21.38	1.77
7699.00	90.48	359.46	6441.15	1503.93	551.23	1540.19	1601.77	20.13	1.93
7794.00	91.28	359.46	6439.70	1598.92	550.33	1634.85	1690.98	18.99	.84
7888.00	91.98	359.99	6437.02	1692.88	549.88	1728.53	1779.94	17.99	.93
7983.00	89.78	358.41	6435.56	1787.85	548.56	1823.15	1870.11	17.06	2.85
8077.00	90.22	358.23	6435.56	1881.81	545.80	1916.65	1959.36	16.17	.51
8172.00	89.34	359.28	6435.93	1976.78	543.74	2011.22	2050.20	15.38	1.44
8266.00	89.78	359.81	6436.65	2070.77	542.99	2104.91	2140.78	14.69	.73
8361.00	90.40	.16	6436.50	2165.77	542.97	2199.66	2232.80	14.07	.75
8455.00	88.99	359.64	6437.00	2259.77	542.80	2293.39	2324.05	13.51	1.60
8550.00	89.43	359.99	6438.31	2354.76	542.49	2388.10	2416.44	12.97	.59
8644.00	89.52	.16	6439.17	2448.75	542.62	2481.86	2508.15	12.49	.20
8739.00	89.87	.51	6439.68	2543.75	543.17	2576.64	2601.10	12.05	.52
8833.00	89.96	.69	6439.82	2637.75	544.16	2670.45	2693.29	11.66	.21
8927.00	89.67	.87	6440.12	2731.74	545.44	2764.29	2785.66	11.29	.36
9022.00	88.55	358.93	6441.60	2826.72	545.27	2859.00	2878.83	10.92	2.36
9117.00	88.46	358.76	6444.07	2921.67	543.36	2953.56	2971.76	10.54	.20
9211.00	89.16	358.58	6446.03	3015.62	541.18	3047.10	3063.80	10.17	.77
9305.00	90.48	358.58	6446.32	3109.59	538.85	3140.65	3155.93	9.83	1.40
9399.00	90.40	358.58	6445.60	3203.56	536.52	3234.20	3248.17	9.51	.09
9494.00	90.40	358.76	6444.94	3298.53	534.31	3328.75	3341.53	9.20	.19
9588.00	90.31	358.76	6444.35	3392.51	532.28	3422.33	3434.01	8.92	.10
9682.00	91.63	358.23	6442.76	3486.46	529.81	3515.85	3526.48	8.64	1.51
9777.00	89.25	359.11	6442.03	3581.42	527.61	3610.40	3620.08	8.38	2.67
9839.00	89.16	358.23	6442.89	3643.40	526.17	3672.10	3681.20	8.22	1.43
9902.00	89.34	358.41	6443.72	3706.37	524.32	3734.77	3743.27	8.05	.40
9997.00	89.69	358.76	6444.52	3801.33	521.97	3829.31	3837.00	7.82	.52
10091.00	89.52	358.76	6445.17	3895.31	519.94	3922.89	3929.86	7.60	.18
10185.00	89.87	.87	6445.67	3989.30	519.64	4016.61	4023.00	7.42	2.28
10279.00	91.71	1.39	6444.37	4083.27	521.49	4110.46	4116.44	7.28	2.03
10374.00	91.80	.87	6441.47	4178.21	523.36	4205.28	4210.86	7.14	.56
10469.00	90.57	.16	6439.50	4273.18	524.22	4300.06	4305.21	6.99	1.49
10563.00	90.22	.69	6438.85	4367.18	524.91	4393.86	4398.61	6.85	.68
10657.00	89.52	.51	6439.07	4461.17	525.90	4487.67	4492.06	6.72	.77

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
10751.00	89.69	.69	6439.71	4555.16	526.88	4581.48	4585.53	6.60	.26
10846.00	89.96	359.99	6440.00	4650.16	527.45	4676.27	4679.98	6.47	.79
10940.00	91.28	359.64	6438.99	4744.15	527.14	4769.99	4773.35	6.34	1.45
11034.00	91.36	.16	6436.82	4838.13	526.98	4863.70	4866.74	6.22	.56
11129.00	91.80	359.81	6434.20	4933.09	526.95	4958.41	4961.15	6.10	.59
11223.00	92.07	359.81	6431.03	5027.03	526.64	5052.08	5054.55	5.98	.29
11318.00	91.01	.51	6428.48	5122.00	526.91	5146.81	5149.03	5.87	1.34
11412.00	90.22	1.04	6427.47	5215.98	528.18	5240.63	5242.66	5.78	1.01
11507.00	89.87	1.04	6427.39	5310.97	529.90	5335.49	5337.34	5.70	.37
11601.00	89.78	.51	6427.68	5404.96	531.17	5429.32	5431.00	5.61	.57
11695.00	89.60	.51	6428.19	5498.95	532.01	5523.13	5524.63	5.53	.19
11790.00	90.48	.69	6428.12	5593.95	533.01	5617.94	5619.28	5.44	.95
11884.00	91.10	.16	6426.83	5687.93	533.70	5711.73	5712.92	5.36	.87
11979.00	91.63	.34	6424.56	5782.91	534.12	5806.47	5807.52	5.28	.59
12073.00	90.57	.34	6422.76	5876.89	534.67	5900.24	5901.16	5.20	1.13
12167.00	89.78	358.41	6422.47	5970.87	533.65	5993.91	5994.67	5.11	2.22
12262.00	89.96	358.23	6422.69	6065.83	530.86	6088.41	6089.02	5.00	.27
12356.00	89.96	358.05	6422.75	6159.78	527.81	6181.88	6182.36	4.90	.19
12451.00	88.90	358.93	6423.70	6254.74	525.31	6276.41	6276.76	4.80	1.45
12545.00	88.55	359.81	6425.79	6348.71	524.28	6370.05	6370.32	4.72	1.01
12639.00	88.46	359.81	6428.24	6442.68	523.96	6463.74	6463.95	4.65	.10
12733.00	89.34	.16	6430.05	6536.66	523.94	6557.47	6557.63	4.58	1.01
12828.00	90.13	1.22	6430.48	6631.65	525.08	6652.29	6652.41	4.53	1.39
12922.00	90.22	1.57	6430.20	6725.62	527.37	6746.18	6746.27	4.48	.38
13016.00	90.40	2.10	6429.69	6819.57	530.38	6840.10	6840.17	4.45	.60
13111.00	89.25	.16	6429.98	6914.55	532.26	6934.96	6935.00	4.40	2.37
13205.00	89.25	359.11	6431.21	7008.54	531.66	7028.65	7028.67	4.34	1.12
13299.00	89.69	359.64	6432.08	7102.53	530.63	7122.31	7122.32	4.27	.73
13384.00	89.87	359.81	6432.41	7187.53	530.22	7207.06	7207.06	4.22	.29
Projection to Bit @ TD									
13433.00	89.87	359.81	6432.52	7236.53	530.06	7255.91	7255.91	4.19	.00