@ 4:25 PM on 4-24-2006

Left Ocean a voice mail message to provide me copies of the actual directional surveys on the four existing wells within each of the 4 requested units/PA's

Stogner, Michael, EMNRD

From: Ocean Munds-Dry [Omundsdry@hollandhart.com] **Sent:** Wed 4/26/2006 2:58 PM
To: Stogner, Michael, EMNRD
Cc:
Subject: FW: SD Applications
Attachments: Yellow B 7 Fee #1H Gyro.TXT(7KB) Yellow B 7 Fee #1H Final Surveys.xls(45KB) YELLOW_A_7FEE_1H - Survey Report.pdf(40KB) Yellow A 7 Fee 1H-Survey.xls(51KB) RIO GRANDE 23 FED #1H GYRO (COMP).TXT(14KB) Platte #23 Fee Com #2H Gyro.txt(8KB) Platte 23 Fee Com #2H Final Surveys.xls (49KB) Rio Grande 23 Fed #1H Surveys.pdf(240KB)

Mr. Stogner:

Pursuant to your request, please find directional surveys for each of the simultaneous dedication applications for EOG. Please let me know if you need anything further.

Thank you,
Ocean

From: Donny_Glanton@eogresources.com [mailto:Donny_Glanton@eogresources.com]
Sent: Wednesday, April 26, 2006 2:46 PM
To: Ocean Munds-Dry
Cc: Rick_Lanning@eogresources.com
Subject: SD Applications

Dear Oceans,

As per your request to Mr. Lanning, please find the actual directional surveys of the four (4) wells identified below.

Let me know if you need anything further in this regard,

Donny G. Glanton
432-686-3642

----- Forwarded by Rick Lanning/EOGResources on 04/24/2006 05:54 PM -----
"Ocean Munds-Dry" <Omundsdry@hollandhart.com> To <Rick_Lanning@eogresources.com>

04/24/2006 05:34 PM

cc

Subject SD applications

Hi Rick:

Mr. Stogner at the NMOCD just called regarding the 4 simultaneous dedication applications we filed for EOG for the:Yellow A7 Fee 1H and 2H, the Yellow B7 Fee 1H and 2H; the Platte Well No. 1H and 2H and the Rio Grande "23" Fed Well No. 1H and 2H. He asked that we send him the actual directional surveys for the 4 existing wells in each of these applications. He said they are not up on the OCD website yet so he can't look them up himself. Do you have these surveys and if so, can you forward to me so I can get them to Stogner? It occurs to me that these might not all be your applications and in that case I'm not sure who they belong to - if you could help in directing them to the right person, I'd appreciate it.

Thanks,
Ocean

Ocean Munds-Dry
Holland & Hart LLP
110 N. Guadalupe Suite 1
Santa Fe, NM 87501
Phone (505) 988-4421
Fax (866) 851-8340
E-mail: Omundsdry@hollandhart.com

Pathfinder

Survey Report

Job No: JWT-0506-0028-WT-WT
Date: 2/13/2006
Time: 11:21 am
Wellpath ID: 0601-0028
Date Created: 2/1/2006
Last Revision: 2/13/2006

Calculated using the Minimum Curvarture Method
Computed using PDS VER2.2.6
Vertical Section Plane: 269.20 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG RESOURCES
YELLOW "A' 7 # 1H
RIG: JW # 3
EDDY CO., NM

DECL: 8.8 TO GRID
KBH: 18 FEET ROTARY TO GROUND

PATHFINDER OFFICE SUPERVISOR
CODY MEBANE
PATHFINDE FIELD ENGINEERS
FRANCISCO SINISTERRA
LEE ADAMS

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
TIE IN TO GYRO DATA SURVEY										
4153.80	2.69	109.16	4153.23	0.00	-4.97	11.88 S	5.14 E	12.94	@ 156.60	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS										
4174.00	2.73	109.79	4173.41	20.20	-5.87	12.20 S	6.04 E	13.61	@ 153.66	0.25
4205.00	2.20	138.35	4204.38	31.00	-6.95	12.89 S	7.13 E	14.73	@ 151.06	4.26
4236.00	3.61	201.46	4235.35	31.00	-6.97	14.25 S	7.17 E	15.95	@ 153.29	10.54
4267.00	7.12	222.99	4266.21	31.00	-5.27	16.56 S	5.50 E	17.45	@ 161.62	12.86
4297.00	11.26	231.07	4295.82	30.00	-1.68	19.76 S	1.95 E	19.86	@ 174.36	14.42
4328.00	15.74	235.38	4325.96	31.00	4.20	24.06 S	3.86W	24.36	@ 189.13	14.80
4358.00	19.35	242.68	4354.56	30.00	12.03	28.65 S	11.63W	30.92	@ 202.10	14.07
4389.00	22.95	249.97	4383.47	31.00	22.34	33.08 S	21.88W	39.66	@ 213.48	14.36
4420.00	26.38	256.30	4411.64	31.00	34.76	36.78 S	34.25W	50.26	@ 222.96	13.95
4451.00	30.34	260.78	4438.92	31.00	49.23	39.67 S	48.68W	62.80	@ 230.82	14.49
4482.00	34.65	262.89	4465.06	31.00	65.74	42.02 S	65.16W	77.53	@ 237.19	14.37
4513.00	39.04	263.51	4489.86	31.00	84.23	44.21 S	83.62W	94.59	@ 242.13	14.21
4544.00	43.44	263.24	4513.17	31.00	104.55	46.57 S	103.91W	113.87	@ 245.86	14.21
4576.00	47.13	263.51	4535.68	32.00	127.17	49.19 S	126.49W	135.72	@ 248.75	11.55
4607.00	50.21	264.83	4556.15	31.00	150.35	51.55 S	149.65W	158.28	@ 250.99	10.44
4639.00	53.29	266.93	4575.96	32.00	175.44	53.35 S	174.71W	182.67	@ 253.02	10.92
4671.00	56.54	268.17	4594.35	32.00	201.61	54.46 S	200.87W	208.12	@ 254.83	10.64
4703.00	59.36	269.40	4611.33	32.00	228.73	55.03 S	227.98W	234.53	@ 256.43	9.40
4735.00	62.17	269.04	4626.96	32.00	256.65	55.41 S	255.90W	261.83	@ 257.78	8.84
4766.00	63.49	268.52	4641.11	31.00	284.23	56.00 S	283.47W	288.95	@ 258.83	4.51
4798.00	64.89	268.78	4655.04	32.00	313.03	56.68 S	312.27W	317.37	@ 259.71	4.44
4830.00	69.38	268.52	4667.47	32.00	342.51	57.37 S	341.74W	346.52	@ 260.47	14.05
4862.00	74.22	269.22	4677.47	32.00	372.90	57.97 S	372.12W	376.61	@ 261.15	15.27
4893.00	75.71	268.87	4685.51	31.00	402.84	58.47 S	402.06W	406.29	@ 261.73	4.93
4925.00	74.57	268.34	4693.71	32.00	433.76	59.22 S	432.98W	437.01	@ 262.21	3.91
4964.00	78.08	267.99	4702.93	39.00	471.64	60.44 S	470.85W	474.71	@ 262.69	9.04

Pathfinder

Survey Report

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
4996.00	82.57	268.34	4708.31	32.00	503.18	61.44 S	502.37W	506.11	@263.03	14.07
5027.00	86.44	268.25	4711.28	31.00	534.02	62.36 S	533.21W	536.84	@263.33	12.49
5059.00	90.48	267.73	4712.14	32.00	566.00	63.48 S	565.17W	568.72	@263.59	12.73
5091.00	92.42	266.85	4711.33	32.00	597.97	65.00 S	597.12W	600.65	@263.79	6.66
5123.00	92.33	266.41	4710.00	32.00	629.91	66.88 S	629.04W	632.58	@263.93	1.40
5155.00	92.42	266.49	4708.68	32.00	661.85	68.86 S	660.95W	664.53	@264.05	0.38
5186.00	92.15	266.32	4707.44	31.00	692.78	70.80 S	691.86W	695.48	@264.16	1.03
5250.00	92.51	267.02	4704.84	64.00	756.67	74.51 S	755.70W	759.37	@264.37	1.23
5313.00	90.57	266.14	4703.14	63.00	819.58	78.27 S	818.56W	822.30	@264.54	3.38
5377.00	91.19	266.49	4702.16	64.00	883.49	82.38 S	882.42W	886.26	@264.67	1.11
5441.00	88.90	265.44	4702.11	64.00	947.38	86.89 S	946.26W	950.24	@264.75	3.94
5504.00	89.60	263.51	4702.94	63.00	1010.16	92.95 S	1008.96W	1013.23	@264.74	3.26
5536.00	88.99	262.80	4703.33	32.00	1041.98	96.76 S	1040.73W	1045.21	@264.69	2.93
5568.00	89.96	262.54	4703.62	32.00	1073.77	100.85 S	1072.46W	1077.19	@264.63	3.14
5599.00	90.92	262.98	4703.38	31.00	1104.57	104.75 S	1103.21W	1108.18	@264.58	3.41
5631.00	92.68	262.98	4702.38	32.00	1136.36	108.66 S	1134.96W	1140.15	@264.53	5.50
5663.00	92.68	263.77	4700.88	32.00	1168.16	112.35 S	1166.71W	1172.11	@264.50	2.47
5695.00	92.59	263.87	4699.41	32.00	1199.99	115.79 S	1198.49W	1204.07	@264.48	0.42
5727.00	93.21	265.35	4697.79	32.00	1231.84	118.79 S	1230.31W	1236.03	@264.48	5.01
5759.00	92.86	267.20	4696.10	32.00	1263.76	120.87 S	1262.19W	1267.97	@264.53	5.88
5790.00	92.86	268.19	4694.55	31.00	1294.71	122.11 S	1293.13W	1298.88	@264.61	3.19
5822.00	92.68	267.87	4693.01	32.00	1326.66	123.21 S	1325.07W	1330.79	@264.69	1.15
5854.00	92.95	268.07	4691.43	32.00	1358.62	124.35 S	1357.01W	1362.70	@264.76	1.05
5886.00	92.15	269.75	4690.01	32.00	1390.58	124.95 S	1388.97W	1394.58	@264.86	5.81
5917.00	91.01	270.19	4689.15	31.00	1421.57	124.97 S	1419.96W	1425.45	@264.97	3.94
5949.00	91.01	270.27	4688.59	32.00	1453.56	124.84 S	1451.96W	1457.31	@265.09	0.25
5981.00	91.28	270.01	4687.95	32.00	1485.55	124.76 S	1483.95W	1489.19	@265.19	1.17
6013.00	90.04	270.27	4687.58	32.00	1517.54	124.68 S	1515.95W	1521.07	@265.30	3.96
6045.00	88.64	271.24	4687.95	32.00	1549.53	124.26 S	1547.94W	1552.92	@265.41	5.32
6076.00	88.81	272.12	4688.64	31.00	1580.49	123.35 S	1578.92W	1583.73	@265.53	2.89
6108.00	89.87	272.56	4689.01	32.00	1612.44	122.05 S	1610.89W	1615.51	@265.67	3.59
6140.00	90.75	273.44	4688.84	32.00	1644.37	120.37 S	1642.85W	1647.25	@265.81	3.89
6172.00	91.01	273.79	4688.34	32.00	1676.27	118.36 S	1674.78W	1678.95	@265.96	1.36
6203.00	91.10	275.55	4687.77	31.00	1707.12	115.83 S	1705.67W	1709.60	@266.11	5.68
6235.00	89.78	275.11	4687.53	32.00	1738.93	112.86 S	1737.53W	1741.19	@266.28	4.35
6272.00	88.02	275.37	4688.24	37.00	1775.72	109.48 S	1774.37W	1777.74	@266.47	4.81
6303.00	87.49	275.28	4689.45	31.00	1806.52	106.61 S	1805.21W	1808.35	@266.62	1.73
6334.00	87.41	275.28	4690.83	31.00	1837.32	103.76 S	1836.05W	1838.98	@266.77	0.26
6365.00	88.29	275.72	4692.00	31.00	1868.11	100.79 S	1866.88W	1869.60	@266.91	3.17
6396.00	89.25	275.46	4692.66	31.00	1898.91	97.77 S	1897.73W	1900.24	@267.05	3.21
6428.00	89.25	275.64	4693.08	32.00	1930.71	94.67 S	1929.57W	1931.89	@267.19	0.56
6459.00	88.90	275.02	4693.58	31.00	1961.53	91.80 S	1960.43W	1962.58	@267.32	2.30
6490.00	89.78	275.11	4693.94	31.00	1992.36	89.06 S	1991.31W	1993.30	@267.44	2.85
6522.00	91.10	275.64	4693.69	32.00	2024.17	86.06 S	2023.17W	2025.00	@267.56	4.45
6553.00	91.63	275.64	4692.95	31.00	2054.97	83.02 S	2054.01W	2055.69	@267.69	1.71
6584.00	90.75	275.20	4692.31	31.00	2085.78	80.09 S	2084.86W	2086.40	@267.80	3.17
6615.00	90.13	274.40	4692.07	31.00	2116.63	77.49 S	2115.75W	2117.17	@267.90	3.26
6647.00	90.57	274.85	4691.88	32.00	2148.49	74.91 S	2147.65W	2148.96	@268.00	1.97

Pathfinder

Survey Report

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
6678.00	91.19	275.46	4691.40	31.00	2179.31	72.13 S	2178.52W	2179.71	@268.10	2.81
6709.00	90.22	274.14	4691.02	31.00	2210.16	69.54 S	2209.41W	2210.50	@268.20	5.28
6741.00	88.46	273.26	4691.39	32.00	2242.06	67.47 S	2241.34W	2242.35	@268.28	6.15
6771.00	87.76	272.74	4692.38	30.00	2271.98	65.90 S	2271.28W	2272.24	@268.34	2.91
6803.00	88.72	272.74	4693.36	32.00	2303.90	64.37 S	2303.23W	2304.13	@268.40	3.00
6834.00	89.87	271.77	4693.74	31.00	2334.85	63.15 S	2334.20W	2335.05	@268.45	4.85
6865.00	89.96	271.15	4693.79	31.00	2365.83	62.36 S	2365.19W	2366.01	@268.49	2.02
6897.00	90.48	270.54	4693.66	32.00	2397.82	61.89 S	2397.19W	2397.99	@268.52	2.50
6928.00	91.10	270.01	4693.24	31.00	2428.81	61.74 S	2428.18W	2428.97	@268.54	2.63
6959.00	90.84	269.83	4692.71	31.00	2459.80	61.79 S	2459.18W	2459.95	@268.56	1.02
6990.00	90.92	270.36	4692.24	31.00	2490.79	61.73 S	2490.17W	2490.94	@268.58	1.73
7021.00	91.01	270.01	4691.71	31.00	2521.78	61.63 S	2521.17W	2521.92	@268.60	1.17
7053.00	90.57	269.75	4691.27	32.00	2553.78	61.70 S	2553.17W	2553.91	@268.62	1.60
7084.00	89.87	268.96	4691.15	31.00	2584.78	62.05 S	2584.16W	2584.91	@268.62	3.40
7115.00	90.04	269.04	4691.18	31.00	2615.78	62.59 S	2615.16W	2615.91	@268.63	0.61
7147.00	90.92	269.66	4690.91	32.00	2647.78	62.95 S	2647.16W	2647.90	@268.64	3.36
7178.00	91.19	269.22	4690.34	31.00	2678.77	63.26 S	2678.15W	2678.90	@268.65	1.67
7209.00	90.92	268.96	4689.77	31.00	2709.77	63.75 S	2709.14W	2709.89	@268.65	1.21
7240.00	90.92	268.78	4689.27	31.00	2740.76	64.36 S	2740.13W	2740.89	@268.65	0.58
7272.00	90.75	268.96	4688.80	32.00	2772.76	64.99 S	2772.12W	2772.88	@268.66	0.77
7303.00	90.13	268.25	4688.57	31.00	2803.75	65.75 S	2803.11W	2803.88	@268.66	3.04
7334.00	90.13	268.43	4688.50	31.00	2834.75	66.64 S	2834.10W	2834.88	@268.65	0.58
7365.00	91.01	268.78	4688.19	31.00	2865.75	67.40 S	2865.08W	2865.88	@268.65	3.05
7396.00	91.01	268.52	4687.64	31.00	2896.74	68.13 S	2896.07W	2896.87	@268.65	0.84
7427.00	90.92	268.52	4687.12	31.00	2927.73	68.93 S	2927.06W	2927.87	@268.65	0.29
7458.00	90.75	268.61	4686.67	31.00	2958.73	69.71 S	2958.04W	2958.87	@268.65	0.62
7489.00	90.31	267.73	4686.38	31.00	2989.72	70.70 S	2989.03W	2989.86	@268.65	3.17
7520.00	90.66	268.34	4686.12	31.00	3020.71	71.76 S	3020.01W	3020.86	@268.64	2.27
7551.00	90.04	267.99	4685.93	31.00	3051.71	72.75 S	3050.99W	3051.86	@268.63	2.30
7582.00	89.52	267.73	4686.05	31.00	3082.70	73.91 S	3081.97W	3082.85	@268.63	1.88
7613.00	89.52	267.81	4686.31	31.00	3113.69	75.11 S	3112.94W	3113.85	@268.62	0.26
7644.00	89.87	267.64	4686.47	31.00	3144.68	76.35 S	3143.92W	3144.85	@268.61	1.26
7676.00	90.57	267.73	4686.35	32.00	3176.67	77.64 S	3175.89W	3176.84	@268.60	2.21
7738.00	91.28	266.93	4685.35	62.00	3238.62	80.53 S	3237.82W	3238.82	@268.58	1.73
7800.00	91.10	267.02	4684.06	62.00	3300.56	83.80 S	3299.72W	3300.78	@268.55	0.32
7863.00	91.01	267.11	4682.90	63.00	3363.51	87.02 S	3362.62W	3363.75	@268.52	0.20
7925.00	90.40	267.11	4682.14	62.00	3425.46	90.15 S	3424.54W	3425.73	@268.49	0.98
7988.00	89.96	267.02	4681.94	63.00	3488.42	93.37 S	3487.46W	3488.71	@268.47	0.71
8050.00	89.08	266.32	4682.46	62.00	3550.36	96.97 S	3549.35W	3550.67	@268.43	1.81
8078.00	89.34	266.93	4682.85	28.00	3578.33	98.62 S	3577.30W	3578.66	@268.42	2.37
STRAIGHT LINE PROJECT TO BIT @ 8137' TD										
8137.00	89.34	266.93	4683.53	59.00	3637.27	101.78 S	3636.21W	3637.63	@268.40	0.00

SL = 672'FNL - 852'FEL (A)

672
102
774

3636 W
852 W of EL
4458' W of EL

4582
-4487
792 'FWL

Yellow "A" 7 Fee #1H
Eddy County, NM

EOG Resources, Inc.

Directional Survey

MD	INC	AZ	TVD	N/S	E/W	VS
0	0.00	0.00	0.00	0.00 S	0.00 W	0.00
100	0.00	0.00	100.00	0.00 N	0.00 E	0.00
200	0.25	234.65	200.00	0.13 S	0.18 W	0.18
300	0.25	281.03	300.00	0.21 S	0.57 W	0.57
400	0.25	229.72	400.00	0.31 S	0.95 W	0.95
500	0.50	229.40	500.00	0.74 S	1.45 W	1.46
600	0.75	268.09	599.99	1.04 S	2.43 W	2.45
700	1.00	272.78	699.98	1.02 S	3.96 W	3.97
800	0.75	290.47	799.97	0.75 S	5.44 W	5.45
900	1.00	288.16	899.95	0.25 S	6.89 W	6.89
1008.85	0.81	161.83	1008.80	0.68 S	7.55 W	7.56
1104.11	0.63	312.09	1104.06	0.97 S	7.73 W	7.74
1199.44	0.72	300.70	1199.38	0.31 S	8.63 W	8.64
1294.48	0.89	296.92	1294.41	0.32 N	9.80 W	9.80
1389.77	0.46	324.78	1389.69	0.97 N	10.68 W	10.67
1485.07	0.89	304.68	1484.99	1.71 N	11.51 W	11.49
1580.47	0.70	283.05	1580.38	2.26 N	12.69 W	12.66
1675.82	0.55	331.04	1675.72	2.79 N	13.48 W	13.44
1771.12	0.72	289.41	1771.02	3.39 N	14.27 W	14.22
1866.38	0.70	320.27	1866.27	4.04 N	15.20 W	15.15
1961.64	0.21	356.33	1961.53	4.66 N	15.58 W	15.52
2056.95	0.15	308.32	2056.84	4.91 N	15.69 W	15.63
2114.7	0.29	322.53	2114.59	5.07 N	15.84 W	15.77
2152.26	0.30	156.34	2152.15	5.06 N	15.86 W	15.79
2247.56	0.36	161.34	2247.44	4.55 N	15.66 W	15.60
2342.85	0.39	250.77	2342.73	4.16 N	15.88 W	15.82
2438.15	0.44	286.39	2438.03	4.15 N	16.53 W	16.48
2533.5	0.09	251.14	2533.38	4.23 N	16.95 W	16.90
2628.86	0.45	240.69	2628.74	4.02 N	17.35 W	17.30
2724.12	0.25	151.19	2724.00	3.66 N	17.58 W	17.53
2819.41	0.43	219.66	2819.28	3.20 N	17.71 W	17.66
3009.96	0.31	129.71	3009.83	2.32 N	17.77 W	17.73
3105.3	0.35	150.49	3105.17	1.90 N	17.42 W	17.40
3200.67	0.45	136.65	3200.54	1.38 N	17.02 W	17.00
3296.01	0.47	162.03	3295.88	0.73 N	16.65 W	16.63
3391.3	0.87	109.59	3391.16	0.12 N	15.84 W	15.84
3486.61	0.90	127.03	3486.46	0.58 S	14.56 W	14.57
3581.96	1.27	120.85	3581.79	1.57 S	13.06 W	13.08
3677.3	1.46	110.64	3677.10	2.54 S	11.02 W	11.05
3772.55	1.82	123.66	3772.31	3.80 S	8.62 W	8.67
3867.89	2.38	128.25	3867.59	5.87 S	5.81 W	5.88
3963.18	2.38	120.30	3962.80	8.09 S	2.54 W	2.65
4058.5	2.63	118.07	4058.03	10.12 S	1.09 E	-0.96
4153.8	2.69	109.16	4153.23	11.88 S	5.14 E	-4.98
4205	2.20	138.35	4204.38	13.01 S	6.92 E	-6.75
4236	3.61	201.46	4235.35	14.36 S	6.96 E	-6.77
4267	7.12	222.99	4266.21	16.68 S	5.29 E	-5.07
4297	11.26	231.07	4295.82	19.88 S	1.75 E	-1.48

4328	15.74	235.38	4325.95	24.17 S	4.07 W	4.39
4358	19.35	242.68	4354.56	28.77 S	11.84 W	12.22
4389	22.95	249.97	4383.47	33.20 S	22.08 W	22.52
4420	26.38	256.30	4411.64	36.90 S	34.46 W	34.95
4451	30.34	260.78	4438.92	39.79 S	48.89 W	49.41
4513	39.04	263.50	4489.85	44.52 S	83.81 W	84.40
4544	43.44	263.24	4513.16	46.88 S	104.11 W	104.72
4576	47.13	263.51	4535.67	49.50 S	126.69 W	127.34
4607	50.21	264.83	4556.14	51.86 S	149.85 W	150.52
4639	53.29	268.17	4575.95	53.38 S	174.92 W	175.61
4703	59.36	269.40	4611.42	54.48 S	228.14 W	228.85
4735	62.17	269.04	4627.05	54.86 S	256.06 W	256.77
4766	63.49	268.52	4641.20	55.45 S	283.63 W	284.34
4798	64.89	268.78	4655.14	56.13 S	312.43 W	313.15
4830	69.38	268.52	4667.57	56.83 S	341.90 W	342.63
4862	74.22	269.22	4677.56	57.42 S	372.29 W	373.02
4893	75.71	268.87	4685.60	57.92 S	402.22 W	402.95
4925	74.57	268.34	4693.81	58.68 S	433.14 W	433.88
4964	78.08	267.99	4703.03	59.89 S	471.01 W	471.76
4996	82.57	268.34	4708.40	60.90 S	502.53 W	503.29
5027	86.44	268.25	4711.37	61.82 S	533.37 W	534.14
5059	90.48	267.73	4712.23	62.94 S	565.33 W	566.12
5095	92.42	266.85	4711.32	64.64 S	601.28 W	602.08
5123	92.33	266.41	4710.16	66.28 S	629.20 W	630.03
5155	92.42	266.49	4708.83	68.26 S	661.12 W	661.96
5186	92.51	267.02	4707.50	70.02 S	692.04 W	692.90
5250	92.51	267.02	4704.70	73.34 S	755.89 W	756.80
5313	90.57	266.14	4703.00	77.10 S	818.75 W	819.70
5377	91.19	266.49	4702.02	81.21 S	882.61 W	883.61
5441	88.90	265.44	4701.97	85.71 S	946.45 W	947.50
5504	89.60	263.51	4702.80	91.78 S	1009.14 W	1010.27
5536	88.99	262.80	4703.19	95.59 S	1040.91 W	1042.09
5568	89.96	262.54	4703.48	99.68 S	1072.65 W	1073.88
5599	90.92	262.98	4703.24	103.58 S	1103.40 W	1104.68
5631	92.68	262.98	4702.24	107.49 S	1135.15 W	1136.47
5663	92.68	263.77	4700.74	111.18 S	1166.90 W	1168.27
5695	92.59	263.87	4699.27	114.62 S	1198.68 W	1200.09
5727	93.21	265.35	4697.65	117.62 S	1230.49 W	1231.95
5759	92.86	267.20	4695.96	119.70 S	1262.38 W	1263.86
5790	92.86	268.19	4694.41	120.94 S	1293.32 W	1294.81
5822	92.68	267.87	4692.86	122.04 S	1325.26 W	1326.76
5854	92.95	268.07	4691.29	123.17 S	1357.20 W	1358.72
5886	92.15	269.75	4689.87	123.78 S	1389.16 W	1390.68
5917	91.01	270.19	4689.01	123.80 S	1420.15 W	1421.67
5949	91.01	270.27	4688.45	123.67 S	1452.14 W	1453.66
5981	91.28	270.21	4687.81	123.54 S	1484.14 W	1485.65
6013	90.04	270.27	4687.44	123.40 S	1516.13 W	1517.64
6045	88.64	271.24	4687.81	122.98 S	1548.13 W	1549.62
6076	88.81	272.12	4688.50	122.07 S	1579.11 W	1580.59
6108	89.87	272.56	4688.87	120.76 S	1611.08 W	1612.54
6140	90.75	273.44	4688.70	119.09 S	1643.03 W	1644.47
6172	91.01	273.79	4688.21	117.07 S	1674.97 W	1676.37

6203	91.10	275.55	4687.63	114.55 S	1705.86 W	1707.23
6235	89.78	275.11	4687.39	111.58 S	1737.72 W	1739.04
6272	88.02	275.37	4688.10	108.20 S	1774.55 W	1775.83
6303	87.49	275.28	4689.31	105.32 S	1805.40 W	1806.63
6334	87.41	275.28	4690.69	102.47 S	1836.23 W	1837.43
6365	88.29	275.72	4691.86	99.50 S	1867.07 W	1868.22
6396	89.25	275.46	4692.52	96.49 S	1897.91 W	1899.03
6428	89.25	275.64	4692.94	93.39 S	1929.76 W	1930.83
6459	88.90	275.02	4693.44	90.51 S	1960.62 W	1961.65
6490	89.78	275.11	4693.80	87.78 S	1991.50 W	1992.49
6522	91.10	275.64	4693.55	84.78 S	2023.36 W	2024.30
6584	90.75	275.20	4691.86	78.42 S	2085.01 W	2085.87
6615	90.13	274.40	4691.63	75.83 S	2115.90 W	2116.72
6653	91.63	275.64	4690.43	71.91 S	2153.68 W	2154.45
6674	90.57	274.85	4691.27	71.07 S	2174.71 W	2175.46
6678	91.19	275.46	4691.20	70.71 S	2178.69 W	2179.44
6709	90.22	274.74	4690.82	67.96 S	2209.56 W	2210.27
6741	88.46	273.26	4691.19	65.73 S	2241.48 W	2242.16
6771	87.76	272.74	4692.18	64.16 S	2271.42 W	2272.07
6803	88.72	272.74	4693.16	62.63 S	2303.37 W	2304.00
6834	89.87	271.77	4693.54	61.41 S	2334.34 W	2334.95
6865	89.96	271.15	4693.59	60.62 S	2365.33 W	2365.93
6897	90.48	270.54	4693.47	60.15 S	2397.33 W	2397.92
6928	91.10	270.01	4693.04	60.00 S	2428.33 W	2428.91
6959	90.84	269.83	4692.52	60.04 S	2459.32 W	2459.90
6990	90.92	270.36	4692.04	59.99 S	2490.32 W	2490.89
7021	91.01	270.01	4691.52	59.89 S	2521.31 W	2521.89
7053	90.57	269.75	4691.08	59.96 S	2553.31 W	2553.88
7084	89.87	268.96	4690.96	60.30 S	2584.31 W	2584.88
7115	90.04	269.04	4690.98	60.85 S	2615.30 W	2615.88
7147	90.92	269.66	4690.71	61.21 S	2647.30 W	2647.88
7178	91.19	269.22	4690.14	61.51 S	2678.29 W	2678.87
7209	90.92	268.96	4689.57	62.00 S	2709.28 W	2709.87
7240	90.92	268.78	4689.07	62.62 S	2740.27 W	2740.86
7272	90.75	268.96	4688.61	63.25 S	2772.26 W	2772.86
7303	90.13	268.25	4688.37	64.00 S	2803.25 W	2803.86
7334	90.13	268.43	4688.30	64.90 S	2834.24 W	2834.85
7365	91.01	268.78	4687.99	65.65 S	2865.23 W	2865.85
7396	91.01	268.52	4687.44	66.38 S	2896.22 W	2896.84
7427	90.92	268.52	4686.92	67.18 S	2927.20 W	2927.83
7458	90.75	268.61	4686.47	67.96 S	2958.19 W	2958.83
7489	90.31	267.73	4686.18	68.95 S	2989.17 W	2989.82
7520	90.66	268.34	4685.92	70.01 S	3020.15 W	3020.81
7551	90.04	267.99	4685.73	71.01 S	3051.13 W	3051.81
7582	89.52	267.73	4685.85	72.16 S	3082.11 W	3082.80
7613	89.52	267.81	4686.11	73.37 S	3113.09 W	3113.79
7644	89.87	267.64	4686.28	74.60 S	3144.06 W	3144.78
7676	90.57	267.73	4686.15	75.89 S	3176.04 W	3176.76
7738	91.28	266.93	4685.15	78.78 S	3237.96 W	3238.72
7800	91.10	267.02	4683.86	82.05 S	3299.86 W	3300.66
7863	91.01	267.11	4682.70	85.28 S	3362.77 W	3363.60
7925	90.40	267.11	4681.94	88.40 S	3424.68 W	3425.55

7988	89.96	267.02	4681.74	91.63 S	3487.60 W	3488.51
8050	89.08	266.32	4682.26	95.23 S	3549.49 W	3550.44
8078	89.34	266.93	4682.65	96.88 S	3577.44 W	3578.41
8137	89.34	266.93	4683.33	100.04 S	3636.35 W	3637.36

Last Survey
Bit Projection