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SURVEY CALCULATION PROGRAM

TARGET DETAILS

OPERATOR:

Mewbourne Oil Co.

WELL:

Voyager 11 EH Fed Com # 1H

LOCATION:

Eddy County

JOB NUMBER:

WT-13286

Supervisors:

Ben Crites

DD

David Jacobs

DD

Jason Almand

MWD

Joe Watson

MWD

Larry Johnson / Lynn Simmon Co. Rep

Kyle Freidenbloom Co. Rep

Patterson 46

Rig

TARGET N-S Directional

TARGET E-W

TARGET RADIUS

TARGET DISPLACEMENT

TARGET CLOSURE

TARGET KBTVD Horizontal

DIP AZ

DIP DEG UP+/DN-

TARGET INCLINATION

Magnetic Declination

CLOSURE CLOSURE Motor

DIR DISTANCE

(DEG AZ) (FEET)

Yield

RATE/

%/100'

%/100'

Slide

Seen

Dog/Leg	Slide	C/L	M/Y	SL/AH	Cur<	Proj. Bit
			#DIV/0!			#DIV/0!
Bur/Needed	Jnt Length	Distance To Slide				
		#DIV/0!				

Target 6	MD	TVD	Vertical Section	N-S	E-W
	10680	6210.00	4786.60	-185.5	4786.9

SVY NUM	MD	INC	TRUE AZM	COURSE LENGTH	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)	DIR (DEG AZ)	DISTANCE (FEET)	Motor Yield %/100'	WALK RATE/ %/100'	Slide Seen
TIE	5400	4.73	315.30	5400.00	5396.40	-110.20	119.90	-105.60	0.00	570.59	-115.76	318.63	159.77			
1	5459	3.50	323.30	59.00	5455.25	-113.07	123.07	-108.39	2.30	511.60	-118.78	318.63	164.00	19.35	0.97	7
2	5491	1.10	31.80	32.00	5487.22	-113.54	124.12	-108.81	10.19	479.60	-119.81	318.76	165.06	10.19	-8.09	32
3	5523	4.20	98.70	32.00	5519.19	-112.22	124.20	-107.49	12.19	447.70	-119.94	319.13	164.26	12.19	9.13	32
4	5554	8.40	97.10	31.00	5550.00	-108.83	123.75	-104.12	13.56	417.06	-119.62	319.92	161.72	13.14	-0.57	32
5	5586	12.10	92.80	32.00	5581.48	-103.15	123.30	-98.45	11.80	385.85	-119.39	321.39	157.78	11.80	-2.39	32
6	5617	16.00	89.80	31.00	5611.55	-95.63	123.15	-90.93	12.79	356.16	-119.54	323.56	153.08	14.16	-2.35	28
7	5649	19.40	89.50	32.00	5642.03	-85.91	123.21	-81.20	10.63	326.16	-119.98	326.61	147.56	12.15	-0.29	28
8	5681	22.80	89.00	32.00	5671.88	-74.41	123.37	-69.68	10.64	296.87	-120.58	330.54	141.69	12.16	-0.56	28
9	5713	25.90	89.40	32.00	5701.03	-61.23	123.55	-56.49	9.70	268.38	-121.27	335.43	135.85	11.94	0.52	26
10	5744	28.80	90.60	31.00	5728.56	-47.00	123.54	-42.25	9.52	241.55	-121.81	341.12	130.57	10.54	1.78	28
11	5776	31.80	92.00	32.00	5756.19	-30.86	123.17	-26.11	9.63	214.72	-122.06	348.03	125.91	11.01	2.21	28
12	5807	35.00	92.80	31.00	5782.06	-13.80	122.45	-9.07	10.42	189.68	-122.01	355.77	122.78	11.54	1.42	28
13	5839	38.40	92.90	32.00	5807.72	5.32	121.50	10.03	10.63	164.97	-121.79	4.72	121.91	10.63	0.17	32
14	5870	41.70	91.80	31.00	5831.44	25.26	120.69	29.96	10.89	142.23	-121.76	13.94	124.35	10.89	-2.11	31
15	5902	45.50	90.30	32.00	5854.61	47.32	120.29	52.02	12.31	120.15	-122.22	23.39	131.06	12.31	-2.98	32
16	5934	49.60	89.40	32.00	5876.21	70.90	120.36	75.62	12.98	99.72	-123.20	32.14	142.15	12.98	-1.91	32
17	5966	53.80	89.20	32.00	5896.03	95.98	120.67	100.73	13.13	81.13	-124.48	39.85	157.18	13.13	-0.45	32
18	5998	57.80	89.60	32.00	5914.02	122.41	120.94	127.19	12.54	64.45	-125.78	46.44	175.51	12.54	0.95	32
19	6029	61.80	90.60	31.00	5929.61	149.18	120.89	153.98	13.20	50.18	-126.77	51.86	195.76	12.79	2.57	32
20	6061	65.90	91.30	32.00	5943.71	177.89	120.41	182.69	12.96	37.50	-127.40	56.61	218.80	12.96	1.81	32
21	6093	70.10	92.30	32.00	5955.69	207.55	119.48	212.34	13.44	26.98	-127.61	60.63	243.64	13.44	2.67	32
22	6124	73.80	93.30	31.00	5965.30	237.02	118.03	241.77	12.32	18.83	-127.31	63.98	269.05	11.94	2.83	32
23	6156	76.80	93.50	32.00	5973.42	267.96	116.20	272.67	9.39	12.24	-126.67	66.92	296.39	13.07	0.56	23



SURVEY CALCULATION PROGRAM

TARGET DETAILS

OPERATOR:			Mewbourne Oil Co.						Supervisors:			TARGET N-S		Directional			
WELL:			Voyager 11 EH Fed Com # 1H						Ben Crites DD			TARGET E-W					
LOCATION:			Eddy County						David Jacobs DD			TARGET RADIUS					
JOB NUMBER:			WT-13286						Jason Almand MWD			TARGET DISPLACEMENT					
Dog/Leg	Slide	C / L	M / Y	SL / AH	Cur<	Proj. Bit				Joe Watson MWD		TARGET CLOSURE					
			#DIV/0!			#DIV/0!				arry Johnson / Lynn Simmon Co. Rep		TARGET KBTVD Horizontal		5972.61			
Bur/Needed		Jnt Length		Distance To Slide					Kyle Freidenbloom Co. Rep		DIP AZ		93.94				
				#DIV/0!					Patterson 46 Rig		DIP DEG UP+/DN-		-2.83				
												TARGET INCLINATION		87.17			
												Magnetic Declination					
Target 6		MD	TVD	Vertical Section		N-S	E-W	Sec/Plane	92.22	TARGET TRACKING		CLOSURE		CLOSURE	Motor	WALK	Slide Seen
		10680	6210.00	4786.60		-185.5	4786.9			TO CENTER							
SVY	MD	INC	TRUE	COURSE				DLS/		ABOVE(+)	RIGHT(+)	DIR	DISTANCE	Yield	RATE/		
NUM			AZM	LENGTH	TVD	SECT	N-S	E-W	100	BELOW(-)	LEFT(-)	(DEG AZ)	(FEET)	%/100'	%/100'		
24	6188	80.20	94.00	32.00	5979.80	299.30	114.15	303.95	10.73	7.41	-125.84	69.42	324.68	15.61	1.41	22	
25	6219	84.30	94.40	31.00	5983.98	329.99	111.90	334.58	13.29	4.75	-124.77	71.51	352.79	13.29	1.18	31	
26	6224	84.70	94.40	5.00	5984.45	334.97	111.52	339.54	8.00	4.52	-124.58	71.82	357.38	8.00	0.00	5	
27	6301	88.40	92.40	77.00	5989.09	411.79	106.96	416.25	5.46	3.68	-123.00	75.59	429.77	24.73	-2.39	17	
28	6332	86.80	93.50	31.00	5990.39	442.76	105.37	447.18	6.26	3.92	-122.61	76.74	459.43	32.35	3.27	6	
29	6363	85.90	93.50	31.00	5992.36	473.69	103.48	478.06	2.90	3.47	-121.92	77.79	489.13	15.00	0.00	6	
30	6394	85.70	93.50	31.00	5994.63	504.60	101.59	508.92	0.65	2.73	-121.23	78.71	518.96		0.00		
31	6457	86.40	94.50	63.00	5998.97	567.42	97.21	571.61	1.93	1.50	-119.28	80.35	579.82	24.37	1.46	5	
32	6519	86.50	94.20	62.00	6002.81	629.26	92.51	633.32	0.51	0.72	-116.98	81.69	640.04		-0.45		
33	6583	86.60	93.60	64.00	6006.66	693.11	88.17	697.05	0.95	0.02	-115.10	82.79	702.61		-0.86		
34	6646	86.50	93.40	63.00	6010.45	755.98	84.33	759.82	0.35	-0.66	-113.70	83.67	764.49		-0.29		
35	6709	87.20	93.80	63.00	6013.91	818.87	80.38	822.60	1.28	-1.01	-112.18	84.42	826.52	11.51	0.58	7	
36	6773	87.70	94.30	64.00	6016.76	882.77	75.86	886.38	1.10	-0.70	-110.14	85.11	889.62		0.72		
37	6836	87.70	93.80	63.00	6019.29	945.69	71.42	949.17	0.79	-0.11	-108.13	85.70	951.85		-0.73		
38	6899	87.50	93.50	63.00	6021.93	1008.62	67.41	1011.99	0.57	0.36	-106.56	86.19	1014.23		-0.44		
39	6963	87.70	93.50	64.00	6024.61	1072.54	63.51	1075.81	0.31	0.84	-105.13	86.62	1077.68		0.00		
40	7026	86.10	92.60	63.00	6028.01	1135.44	60.16	1138.63	2.91	0.54	-104.22	86.98	1140.22	36.70	-1.32	5	
41	7058	85.70	92.70	32.00	6030.30	1167.36	58.68	1170.51	1.29	-0.17	-103.98	87.13	1171.98		0.29		
42	7089	85.30	92.90	31.00	6032.73	1198.26	57.17	1201.38	1.44	-1.07	-103.67	87.28	1202.74		0.59		
43	7121	85.50	92.90	32.00	6035.30	1230.16	55.56	1233.23	0.63	-2.06	-103.29	87.42	1234.49	2.86	0.00	7	
44	7152	86.20	94.10	31.00	6037.54	1261.07	53.67	1264.09	4.47	-2.78	-102.60	87.57	1265.23	27.73	3.56	5	
45	7184	87.20	93.80	32.00	6039.39	1293.00	51.47	1295.97	3.26	-3.04	-101.63	87.73	1296.99	14.91	-0.86	7	
46	7216	86.90	93.60	32.00	6041.03	1324.95	49.41	1327.86	1.13	-3.11	-100.81	87.87	1328.78		-0.58		
47	7279	86.60	92.60	63.00	6044.60	1387.84	46.01	1390.66	1.65	-3.57	-99.84	88.11	1391.42	14.89	-1.46	7	



SURVEY CALCULATION PROGRAM

TARGET DETAILS

OPERATOR: Mewbourne Oil Co. WELL: Voyager 11 EH Fed Com # 1H LOCATION: Eddy County JOB NUMBER: WT-13286										Supervisors: Ben Crites DD David Jacobs DD Jason Almand MWD Joe Watson MWD				TARGET N-S Directional TARGET E-W TARGET RADIUS TARGET DISPLACEMENT TARGET CLOSURE			
Dog/Leg Slide C / L M / Y SL / AH Cur< Proj. Bit #DIV/0! #DIV/0!										Larry Johnson / Lynn Simmon Co. Rep Kyle Freidenbloom Co. Rep Patterson 46 Rig				TARGET KBTVD Horizontal DIP AZ DIP DEG UP+/DN- TARGET INCLINATION Magnetic Declination			
Target 6 MD 10680 TVD 6210.00 Vertical Section 4786.60 N-S -185.5 E-W 4786.9										Sec/Plane 92.22		TARGET TRACKING TO CENTER		CLOSURE CLOSURE Motor WALK DIR DISTANCE Yield RATE/ (DEG AZ) (FEET) %/100' %/100'			
SVY NUM	MD	INC	TRUE AZM	COURSE LENGTH	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)	DIR (DEG AZ)	DISTANCE (FEET)	Yield %/100'	WALK RATE/ %/100'	Slide Seen	
48	7311	88.40	95.20	32.00	6046.00	1419.79	43.83	1422.55	9.88	-3.39	-98.91	88.24	1423.23		7.49		
49	7343	90.20	96.10	32.00	6046.39	1451.73	40.68	1454.39	6.29	-2.20	-96.99	88.40	1454.96	28.75	2.59	7	
50	7374	90.10	95.80	31.00	6046.31	1482.66	37.47	1485.23	1.02	-0.58	-94.97	88.55	1485.70		-0.89		
51	7406	89.10	95.50	32.00	6046.53	1514.60	34.32	1517.07	3.26	0.77	-93.06	88.70	1517.46	14.91	-0.86	7	
52	7438	87.70	94.70	32.00	6047.43	1546.55	31.48	1548.93	5.04	1.46	-91.45	88.84	1549.25	23.03	-2.30	7	
53	7470	86.00	94.50	32.00	6049.19	1578.47	28.91	1580.78	5.35	1.28	-90.13	88.95	1581.04	24.45	-0.58	7	
54	7501	85.30	94.70	31.00	6051.54	1609.35	26.43	1611.59	2.35	0.46	-88.84	89.06	1611.81		0.59		
55	7533	85.60	94.60	32.00	6054.08	1641.23	23.85	1643.38	0.99	-0.50	-87.49	89.17	1643.56	6.32	-0.29	5	
56	7564	86.50	93.80	31.00	6056.21	1672.13	21.58	1674.23	3.88	-1.11	-86.42	89.26	1674.36	17.18	-2.37	7	
57	7596	87.10	93.40	32.00	6058.00	1704.07	19.58	1706.11	2.25	-1.32	-85.65	89.34	1706.22	14.42	-1.15	5	
58	7627	87.20	93.50	31.00	6059.54	1735.03	17.71	1737.02	0.46	-1.33	-84.99	89.42	1737.11		0.30		
59	7659	87.20	93.30	32.00	6061.10	1766.98	15.82	1768.92	0.62	-1.31	-84.33	89.49	1768.99		-0.58		
60	7723	86.50	93.10	64.00	6064.62	1830.88	12.25	1832.73	1.14	-1.67	-83.24	89.62	1832.77		-0.29		
61	7786	87.30	93.90	63.00	6068.03	1893.77	8.41	1895.52	1.79	-1.97	-81.83	89.75	1895.53	16.15	1.17	7	
62	7849	87.10	94.00	63.00	6071.10	1956.66	4.08	1958.29	0.35	-1.93	-79.93	89.88	1958.30		0.15		
63	7913	87.60	93.80	64.00	6074.06	2020.57	-0.27	2022.07	0.84	-1.73	-78.06	90.01	2022.07	10.77	-0.29	5	
64	7976	87.30	94.70	63.00	6076.87	2083.46	-4.94	2084.84	1.50	-1.42	-75.83	90.14	2084.84		1.32		
65	8040	87.70	94.00	64.00	6079.66	2147.36	-9.79	2148.59	1.26	-1.06	-73.45	90.26	2148.61	16.11	-1.01	5	
66	8103	88.00	94.20	63.00	6082.02	2210.28	-14.29	2211.39	0.57	-0.31	-71.39	90.37	2211.43		0.29		
67	8165	88.30	94.90	62.00	6084.02	2272.20	-19.20	2273.16	1.23	0.75	-68.87	90.48	2273.24		1.04		
68	8229	88.90	95.90	64.00	6085.59	2336.08	-25.22	2336.85	1.82	2.35	-65.32	90.62	2336.99		1.44		
69	8292	89.80	96.60	63.00	6086.30	2398.92	-32.08	2399.48	1.81	4.75	-60.89	90.77	2399.69		1.02	5	
70	8324	90.50	97.10	32.00	6086.22	2430.81	-35.90	2431.25	2.69	6.41	-58.31	90.85	2431.51		1.44		
71	8356	89.20	97.40	32.00	6086.30	2462.69	-39.94	2462.99	4.17	7.91	-55.50	90.93	2463.31	19.06	0.86	7	



SURVEY CALCULATION PROGRAM

TARGET DETAILS

OPERATOR:		Mewbourne Oil Co.				Supervisors:				TARGET N-S Directional						
WELL:		Voyager 11 EH Fed Com # 1H				Ben Crites DD				TARGET E-W						
LOCATION:		Eddy County				David Jacobs DD				TARGET RADIUS						
JOB NUMBER:		WT-13286				Jason Almand MWD				TARGET DISPLACEMENT						
						Joe Watson MWD				TARGET CLOSURE						
Dog/Leg	Slide	C / L	M / Y	SL / AH	Cur<	Proj. Bit					TARGET KBTVD Horizontal					
			#DIV/0!			#DIV/0!					5972.61					
Bur/Needed		Jnt Length		Distance To Slide			arry Johnson / Lynn Simmon Co. Rep				DIP AZ					
				#DIV/0!			Kyle Freidenbloom Co. Rep				-93.94					
							Patterson 46 Rig				DIP DEG UP+/DN-					
											-2.83					
											TARGET INCLINATION					
											87.17					
											Magnetic Declination					
Target 6		MD 10680	TVD 6210.00	Vertical Section 4786.60		N-S -185.5	E-W 4786.9	Sec/Plane	92.22	TARGET TRACKING TO CENTER		CLOSURE CLOSURE		Motor	WALK	
SVY NUM	MD	INC	TRUE AZM	COURSE LENGTH	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)	DIR (DEG AZ)	DISTANCE (FEET)	Yield %/100'	RATE/ %/100'	Slide Seen
72	8387	88.10	97.20	31.00	6087.03	2493.56	-43.87	2493.73	3.61	8.71	-52.76	91.01	2494.12	15.97	-0.59	7
73	8419	86.50	96.60	32.00	6088.54	2525.41	-47.71	2525.46	5.34	8.78	-50.15	91.08	2525.91	24.41	-1.73	7
74	8450	86.00	95.60	31.00	6090.57	2556.28	-51.00	2556.22	3.60	8.28	-48.06	91.14	2556.73	15.94	-2.97	7
75	8482	86.00	95.40	32.00	6092.80	2588.15	-54.06	2587.99	0.62	7.62	-46.23	91.20	2588.56		-0.57	
76	8514	85.40	94.60	32.00	6095.20	2620.02	-56.84	2619.78	3.12	6.80	-44.68	91.24	2620.40	14.26	-2.30	7
77	8546	85.60	94.10	32.00	6097.71	2651.90	-59.26	2651.59	1.68	5.87	-43.50	91.28	2652.25		-1.44	
78	8577	85.70	94.20	31.00	6100.06	2682.79	-61.50	2682.42	0.46	5.04	-42.46	91.31	2683.13		0.30	
79	8609	86.70	93.50	32.00	6102.18	2714.71	-63.64	2714.28	3.81	4.50	-41.55	91.34	2715.02	17.43	-2.01	7
80	8640	86.10	92.40	31.00	6104.13	2745.64	-65.23	2745.18	4.04	4.08	-41.15	91.36	2745.95		-3.27	
81	8672	85.80	92.50	32.00	6106.39	2777.56	-66.60	2777.07	0.99	3.40	-41.02	91.37	2777.86		0.29	
82	8703	85.50	92.50	31.00	6108.74	2808.47	-67.95	2807.95	0.97	2.58	-40.87	91.39	2808.77		0.00	
83	8735	86.40	92.40	32.00	6111.00	2840.39	-69.31	2839.84	2.83	1.90	-40.75	91.40	2840.68	18.11	-0.29	5
84	8766	86.30	92.30	31.00	6112.97	2871.33	-70.58	2870.75	0.46	1.45	-40.68	91.41	2871.62		-0.30	
85	8798	86.50	92.50	32.00	6114.98	2903.27	-71.92	2902.66	0.88	1.02	-40.57	91.42	2903.55		0.58	
86	8830	87.30	92.70	32.00	6116.71	2935.22	-73.37	2934.58	2.58	0.87	-40.36	91.43	2935.50	16.49	0.58	5
87	8894	87.50	93.30	64.00	6119.61	2999.15	-76.71	2998.42	0.99	1.13	-39.49	91.47	2999.41		0.86	
88	8957	87.50	93.90	63.00	6122.36	3062.07	-80.67	3061.24	0.95	1.49	-37.98	91.51	3062.30		0.88	
89	9020	87.30	93.50	63.00	6125.22	3124.98	-84.73	3124.04	0.71	1.74	-36.35	91.55	3125.19		-0.58	
90	9083	87.40	93.50	63.00	6128.13	3187.90	-88.57	3186.86	0.16	1.94	-34.95	91.59	3188.09		0.00	
91	9146	86.90	92.70	63.00	6131.27	3250.81	-91.97	3249.69	1.50	1.92	-33.98	91.62	3250.99		-1.17	
92	9210	87.40	93.40	64.00	6134.45	3314.73	-95.37	3313.52	1.34	1.89	-33.05	91.65	3314.89		1.01	
93	9273	86.80	93.00	63.00	6137.64	3377.63	-98.89	3376.34	1.14	1.82	-31.98	91.68	3377.79		-0.58	
94	9337	86.70	93.40	64.00	6141.26	3441.52	-102.45	3440.14	0.64	1.35	-30.88	91.71	3441.66		0.58	
95	9401	86.30	93.20	64.00	6145.17	3505.39	-106.13	3503.91	0.70	0.60	-29.68	91.73	3505.52		-0.29	



SURVEY CALCULATION PROGRAM

TARGET DETAILS

OPERATOR:			Mewbourne Oil Co.					Supervisors:			TARGET N-S		Directional			
WELL:			Voyager 11 EH Fed Com # 1H					Ben Crites DD			TARGET E-W					
LOCATION:			Eddy County					David Jacobs DD			TARGET RADIUS					
JOB NUMBER:			WT-13286					Jason Almand MWD			TARGET DISPLACEMENT					
Dog/Leg	Slide	C / L	M / Y	SL / AH	Cur<	Proj. Bit	Joe Watson MWD			TARGET CLOSURE						
			#DIV/0!			#DIV/0!	Larry Johnson / Lynn Simmon Co. Rep			TARGET KBTVD		Horizontal		5972.61		
Bur/Needed		Jnt Length		Distance To Slide			Kyle Freidenbloom Co. Rep			DIP AZ				93.94		
				#DIV/0!			Patterson 46 Rig			DIP DEG UP+/DN-				-2.83		
										TARGET INCLINATION				87.17		
										Magnetic Declination						
Target 6		MD	TVD	Vertical Section		N-S	E-W	Sec/Plane	92.22	TARGET TRACKING TO CENTER		CLOSURE		CLOSURE	Motor	WALK
		10680	6210.00	4786.60		-185.5	4786.9					DIR		DISTANCE	Yield	RATE/
SVY	MD	INC	TRUE	COURSE				DLS/	ABOVE(+)	RIGHT(+)						
NUM			AZM	LENGTH	TVD	SECT	N-S	E-W	BELOW(-)	LEFT(-)		(DEG AZ)	(FEET)	°/100'	°/100'	
96	9464	86.00	93.10	63.00	6149.40	3568.24	-109.58	3566.67	0.50	-0.53	-28.66	91.76	3568.36			-0.15
97	9527	86.80	92.60	63.00	6153.36	3631.11	-112.71	3629.47	1.50	-1.37	-27.97	91.78	3631.22	18.86		-0.73
98	9590	89.00	95.60	63.00	6155.67	3694.02	-117.21	3692.26	5.90	-0.57	-25.90	91.82	3694.12			4.39
99	9622	89.20	95.70	32.00	6156.17	3725.96	-120.36	3724.10	0.70	0.51	-23.99	91.85	3726.04			0.29
100	9654	88.10	94.90	32.00	6156.92	3757.91	-123.32	3755.95	4.25	1.33	-22.27	91.88	3757.97	22.67		-2.30
101	9685	86.90	94.40	31.00	6158.27	3788.85	-125.83	3786.82	4.19	1.51	-20.96	91.90	3788.91	21.66		-1.49
102	9717	87.30	95.40	32.00	6159.89	3820.77	-128.56	3818.66	3.36	1.47	-19.46	91.93	3820.82			2.88
103	9749	88.50	96.60	32.00	6161.07	3852.68	-131.90	3850.46	5.30	1.88	-17.35	91.96	3852.72			3.46
104	9781	88.70	97.10	32.00	6161.85	3884.57	-135.72	3882.22	1.68	2.68	-14.77	92.00	3884.60			1.44
105	9812	88.00	95.30	31.00	6162.74	3915.48	-139.06	3913.03	6.23	3.32	-12.62	92.04	3915.50	27.58		-5.35
106	9844	87.10	95.40	32.00	6164.11	3947.40	-142.04	3944.86	2.83	3.53	-10.87	92.06	3947.42	12.94		0.29
107	9876	86.90	95.70	32.00	6165.78	3979.30	-145.13	3976.67	1.13	3.43	-9.02	92.09	3979.31			0.86
108	9907	86.40	95.20	31.00	6167.59	4010.20	-148.07	4007.47	2.28	3.15	-7.27	92.12	4010.21	14.13		-1.48
109	9970	86.50	95.80	63.00	6171.50	4072.98	-154.10	4070.06	0.96	2.36	-3.68	92.17	4072.98			0.88
110	10033	85.50	94.10	63.00	6175.89	4135.75	-159.52	4132.67	3.12	1.07	-0.68	92.21	4135.75	32.81		-2.48
111	10063	84.60	93.20	30.00	6178.48	4165.63	-161.42	4162.50	4.23	-0.04	0.06	92.22	4165.63			-2.76
112	10095	85.10	93.10	32.00	6181.35	4197.49	-163.18	4194.32	1.59	-1.34	0.58	92.23	4197.49			-0.29
113	10126	85.80	93.10	31.00	6183.81	4228.39	-164.85	4225.18	2.26	-2.27	1.05	92.23	4228.39	11.67		0.00
114	10158	86.80	93.30	32.00	6185.88	4260.32	-166.63	4257.06	3.19	-2.76	1.60	92.24	4260.32	20.39		0.58
115	10190	87.10	92.70	32.00	6187.58	4292.27	-168.30	4288.97	2.09	-2.88	2.04	92.25	4292.27	13.40		-1.73
116	10221	86.50	91.90	31.00	6189.31	4323.22	-169.54	4319.90	3.22	-3.08	2.08	92.25	4323.22			-2.38
117	10285	87.30	91.40	64.00	6192.77	4387.13	-171.38	4383.78	1.47	-3.39	1.44	92.24	4387.13	13.47		-0.72
118	10348	88.50	91.60	63.00	6195.08	4450.08	-173.03	4446.71	1.93	-2.59	0.65	92.23	4450.08			0.29
119	10380	89.40	92.00	32.00	6195.66	4482.07	-174.04	4478.69	3.08	-1.59	0.42	92.23	4482.07			1.15

[illegible]