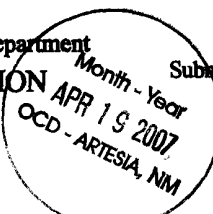


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1006 Rio Brazos Rd., Artesia, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35134		Pool Code	Pool Name
Property Code	Property Name DREWFOORD'S BOOM BOX 1921-1 STATE COM		Well Number 1
GRID No. 230387	Operator Name PARALLEL PETROLEUM CORPORATION		Elevation 4448

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	19	19S	21E	710		NORTH	660	WEST	CHAVES

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	19	19S	21E	724		NORTH	688	EAST	CHAVES
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16 710 SL 660 1022 777 PR 3989.6	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Kaye McCormick</i> 4-18-2007 Signature Date KAYE MC CORMICK Printed Name
724 BHL 688 320 AC	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies

Month - Year
APR 19 2007
OCD - ARTESIA, NM

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address PARALLEL PETROLEUM CORPORATION 1004 N BIG SPRING, SUITE 400 MIDLAND, TX 79701		2 OGRID Number 230387
4 API Number 30-0 30-015-35134		3 Reason for Filing Code/Effective Date
5 Pool Name Bunting Ranch, WOLF CAMP	6 Pool Code 97605	
7 Property Code	8 Property Name DREWFOOD'S BOOM BOX 1921-1 STATE COM	9 Well Number 1

II. 10 Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	19	19S	21E		710	NORTH	660	WEST	CHAVES

11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	19	19S	21E		724	NORTH	688	EAST	CHAVES
12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				
		02-09-2007							

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
36785	DCP MIDSTREAM LP 3000 N 'A', BLDG 7 MIDLAND, TX 79705		G	SEC 19, T19S, R21E

IV. Produced Water

23 POD	24 POD ULSTR Location and Description

V. Well Completion Data

25 Spud Date	26 Ready Date	27 TD	28 PBTB	29 Perforations	30 DHC, MC
12-03-2006	02-09-2007	MD: 7853; TVD 4146	MD: 6894; TVD 2959	4210 - 6832 MD	
31 Hole Size	32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement		
CONDUCTOR:	20	120	OMT TO SURF		
12.25	9.625	1530	1180 SX		
7.875	5.5	6941	1350 SX		

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date	37 Test Date	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
	02-09-2007	02-03-2007	24 HOUR		880
41 Choke Size	42 Oil	43 Water	44 Gas	45 AOF	46 Test Method
48/64	0	346	7800		FLOWING

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: **Kaye McCormick**

Printed name: **KAYE MC CORMICK**

Title: **SR PROD & REG TECH**

Email: **kmccormick@plll.com**

Date: **04-18-2007**

Phone: **432-685-6563**

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARANT
DISTRICT II GEOLOGIST

Approval Date:

APR 19 2007

SLB MWD Survey Survey Report

Report Date: December 28, 2006
 Client: Parallel Petroleum
 Field: Eddy County, New Mexico (Parallel Pet.)
 Structure / Slot: Parallel Pet. Drewford's Boom Box 1921-19 State Com #1 / Parallel Pet. Drewford's Boom Box 1921-19 State Com #1
 Well: Drewford's Boom Box 1921-19 State Com #1
 Borehole: Horizontal
 UWI/API#:
 Survey Name / Date: SLB MWD Survey BoomBox Fed #1 / December 18, 2006
 Tort / AHD / DDI / ERD ratio: 159.892° / 4051.37 ft / 6.089 / 0.977
 Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet
 Location Lat/Long: N 32 39 4.320, W 104 50 22.438
 Location Grid N/E Y/X: N 600989.200 ftUS, E 344188.900 ftUS
 Grid Convergence Angle: -0.27312950°
 Grid Scale Factor: 0.99993689

Survey / DLS Computation Method: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 90.500°
 Vertical Section Origin: N 0.000 ft, E 0.000 ft
 Reference Datum: Rotary Table
 TVD Reference Elevation: 4460.0 ft relative to
 Sea Bed / Ground Level Elevation: 4448.000 ft relative to
 Magnetic Declination: 8.753°
 Total Field Strength: 49206.580 nT
 Magnetic Dip: 60.482°
 Declination Date: December 18, 2006
 Magnetic Declination Model: BGGM 2006
 North Reference: Grid North
 Total Corr Mag North -> Grid North: +9.026°
 Local Coordinates Referenced To: Well Head

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Mag / Grav Tool Face (deg)
Tie-In/Gyro Data Gyro SVY	3575.00	1.06	322.84	3573.58	28.85	-59.34	28.33	65.76	154.48	0.18	79.13M
	3648.00	2.63	79.13	3646.55	30.08	-58.49	29.57	65.54	153.18	4.44	90.66M
	3680.00	6.03	90.66	3678.46	32.48	-58.37	31.97	66.55	151.29	10.91	7.70R
	3712.00	9.69	93.59	3710.15	36.85	-58.56	36.34	68.92	148.18	11.50	5.53R
	3744.00	13.41	95.14	3741.50	43.24	-59.06	42.73	72.89	144.12	11.66	HS
	3776.00	17.31	95.07	3772.35	51.69	-59.81	51.17	78.71	139.45	12.19	1.20L
	3807.00	21.32	94.84	3801.60	61.91	-60.70	61.38	86.32	134.68	12.94	5.65L
	3839.00	25.71	93.84	3830.94	74.64	-61.65	74.11	96.40	129.76	13.77	3.76L
	3871.00	30.15	93.26	3859.20	89.61	-62.57	89.06	108.85	125.09	13.90	5.55L
	3903.00	34.66	92.49	3886.21	106.74	-63.43	106.19	123.69	120.85	14.15	4.82L
	3934.00	38.58	91.96	3911.09	125.22	-64.14	124.66	140.19	117.23	12.69	6.72L
	3966.00	43.05	91.19	3935.30	146.12	-64.71	145.56	159.30	113.97	14.06	5.22L
	3998.00	47.76	90.61	3957.76	168.90	-65.06	168.34	180.48	111.13	14.78	5.44L
	4030.00	52.34	90.06	3978.30	193.43	-65.20	192.87	203.59	108.68	14.37	1.94R
	4062.00	56.27	90.22	3996.97	219.41	-65.27	218.85	228.37	106.61	12.29	6.48R
	4093.00	60.09	90.72	4013.31	245.75	-65.49	245.18	253.78	104.95	12.40	HS
	4125.00	63.48	90.70	4028.44	273.94	-65.83	273.38	281.19	103.54	10.59	6.60R
	4157.00	66.74	91.11	4041.91	302.96	-66.29	302.40	309.58	102.37	10.25	0.76R
	4189.00	71.03	91.17	4053.43	332.81	-66.89	332.23	338.90	101.38	13.41	1.43L
	4220.00	75.70	91.05	4062.30	362.50	-67.46	361.92	368.16	100.56	15.07	HS
	4252.00	80.39	91.07	4068.93	393.79	-68.04	393.21	399.06	99.82	14.66	5.61R
	4284.00	84.65	91.49	4073.09	425.51	-68.75	424.93	430.45	99.19	13.38	0.82L
	4316.00	88.14	91.44	4075.11	457.44	-69.57	456.85	462.11	98.66	10.91	50.74L
	4376.00	89.17	90.18	4076.51	517.42	-70.42	516.82	521.60	97.76	2.71	129.71R
	4471.00	88.73	90.71	4078.25	612.40	-71.15	611.80	615.93	96.63	0.73	134.10R
	4566.00	88.42	91.03	4080.62	707.37	-72.60	706.76	710.48	95.86	0.47	84.28L
	4662.00	88.76	87.66	4082.98	803.31	-71.50	802.71	805.89	95.09	3.53	91.58L
	4757.00	88.69	85.07	4085.09	898.03	-65.48	897.49	899.88	94.17	2.73	105.91R
	4853.00	88.32	86.37	4087.60	993.66	-58.31	993.19	994.90	93.36	1.41	79.70L
	4948.00	88.86	83.41	4089.94	1088.17	-49.86	1087.77	1088.91	92.62	3.17	95.05R
	5043.00	88.31	89.73	4092.29	1182.87	-44.18	1182.52	1183.35	92.14	6.68	41.28L
	5138.00	89.21	88.94	4094.34	1277.82	-43.07	1277.49	1278.22	91.93	1.26	125.68L
	5234.00	88.93	88.55	4095.90	1373.76	-40.97	1373.46	1374.07	91.71	0.50	95.76L
	5297.00	88.52	84.45	4097.30	1436.58	-37.13	1436.31	1436.79	91.48	6.54	17.26R
	5393.00	89.55	84.77	4098.92	1532.06	-28.11	1531.87	1532.13	91.05	1.12	86.55R
	5456.00	89.72	87.58	4099.32	1594.87	-23.91	1594.72	1594.90	90.86	4.47	52.37R
	5520.00	90.83	89.02	4099.01	1658.82	-22.01	1658.69	1658.84	90.76	2.84	48.20R
	5583.00	92.17	90.52	4097.36	1721.79	-21.76	1721.67	1721.80	90.72	3.19	124.55L
	5647.00	91.75	89.91	4095.17	1785.75	-22.00	1785.63	1785.76	90.71	1.16	138.27R
	5710.00	89.72	91.72	4094.37	1848.74	-22.89	1848.61	1848.75	90.71	4.32	87.21R

5773.00	89.76	91.50	4094.65	1911.71	-25.24	1911.57	1911.73	90.76	1.30	156.86L
5837.00	88.52	92.27	4095.61	1975.67	-27.78	1975.51	1975.70	90.81	2.11	70.71R
5900.00	88.59	91.21	4097.20	2038.63	-30.09	2038.44	2038.67	90.85	0.34	111.36L
5964.00	88.25	91.34	4098.97	2102.59	-32.08	2102.39	2102.63	90.87	1.46	107.42L
6027.00	88.04	90.67	4101.01	2165.55	-33.18	2165.35	2165.60	90.88	1.11	43.00R
6091.00	88.93	91.50	4102.70	2229.53	-34.39	2229.31	2229.58	90.88	1.90	102.46R
6154.00	88.76	92.27	4103.97	2292.49	-36.46	2292.26	2292.55	90.91	1.25	146.78L
6249.00	88.18	91.89	4106.50	2387.42	-39.91	2387.17	2387.50	90.96	0.73	91.66L
6345.00	88.14	90.49	4109.59	2483.37	-41.90	2483.09	2483.45	90.97	1.46	13.60R
6409.00	88.76	90.64	4111.32	2547.34	-42.53	2547.07	2547.42	90.96	1.00	114.69L
6472.00	88.42	89.90	4112.87	2610.32	-42.83	2610.05	2610.40	90.94	1.29	122.09L
6535.00	87.90	89.07	4114.89	2673.28	-42.27	2673.01	2673.35	90.91	1.55	108.05R
6630.00	87.76	89.50	4118.49	2768.19	-41.08	2767.94	2768.24	90.85	0.48	34.63L
6726.00	88.73	88.83	4121.43	2864.12	-39.68	2863.88	2864.15	90.79	1.23	112.31R
6821.00	88.14	90.27	4124.02	2959.06	-38.94	2958.84	2959.09	90.75	1.64	110.92R
6947.00	87.93	90.82	4128.34	3084.99	-40.13	3084.76	3085.02	90.75	0.47	28.99R
7043.00	88.76	91.28	4131.12	3180.94	-41.89	3180.70	3180.98	90.75	0.99	104.44L
7107.00	88.49	90.23	4132.65	3244.92	-42.74	3244.67	3244.96	90.75	1.69	66.43L
7234.00	89.04	88.97	4135.39	3371.88	-41.85	3371.64	3371.90	90.71	1.08	133.12L
7329.00	88.31	88.19	4137.59	3466.80	-39.50	3466.58	3466.81	90.65	1.12	79.62R
7425.00	88.42	88.79	4140.33	3562.70	-36.97	3562.51	3562.70	90.59	0.64	46.63L
7520.00	89.45	87.70	4142.09	3657.60	-34.06	3657.45	3657.60	90.53	1.58	---
7589.00	89.45	87.70	4142.75	3726.52	-31.29	3726.39	3726.52	90.48	0.00	108.15L
7615.00	89.07	86.54	4143.09	3752.47	-29.98	3752.35	3752.47	90.46	4.69	31.61R
7711.00	89.59	86.86	4144.21	3848.25	-24.46	3848.19	3848.26	90.36	0.64	109.95L
7784.00	89.14	85.62	4145.02	3921.05	-19.67	3921.02	3921.07	90.29	1.81	---
7853.00	89.14	85.62	4146.06	3989.79	-14.40	3989.81	3989.84	90.21	0.00	---

Proj. to TD

Survey Type: Non-Def Survey

Survey Error Model: SLB ISCWSA version 24 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

MD To (ft)

EOU Freq

Survey Tool Type

Borehole -> Survey

0.00

12.00

Act-Stns SLB_ZERO-Depth Only

Pilot Hole -> Drewford's Boom Box 1921-19 State Com #1 Gy

12.00

100.00

Act-Stns SLB_ZERO

Pilot Hole -> Drewford's Boom Box 1921-19 State Com #1 Gy

100.00

3575.00

Act-Stns SLB_CNSG+DPIPE

Pilot Hole -> Drewford's Boom Box 1921-19 State Com #1 Gy

3575.00

3648.00

Act-Stns SLB_CNSG+DPIPE

Horizontal -> SLB MWD Survey BoomBox Fed #1

3648.00

7853.00

Act-Stns SLB_UNKNOWN (default tool used)

Horizontal -> SLB MWD Survey BoomBox Fed #1

**Italicized stations are NOT used in position calculations.*

A Gyrodata Directional Survey

Field Copy Only, not definitive

for

PARALLEL PETROLEUM

Location: PATRIOT 1, EDDY COUNTY, NEW MEXICO

Lease: DREWFORD'S BOOMBOX 1921-19 Well: STATE COM #1, 4-1/2" DRILLPIPE

Job Number: MD1206G_

Run Date: 12/11/2006 6:41:19 PM

Surveyor: THOMAS BOWDEN

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.652500 deg. N Longitude: 104.839167 deg. W

Azimuth Correction:

Gyro: 0.27000 deg East to Grid North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Location: PATRIOT 1, EDDY COUNTY, NEW MEXICO

Lease: DREWFOED'S BOOMBOX 1921-19 Well: STATE COM #1, 4-1/2" DRILLPIPE

Job Number: MD1206G_

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.00	0.00	0.0 0.0	0.00 N 0.00 E

4305 TO 100 FT RATE GYROSCOPIC OUTRUN MULTISHOT SURVEY RUN INSIDE 4-1/2" DRILLPIPE						
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATRIOT #1 R.K.B. (+24')						

100.00	1.08	141.03	1.08	99.99	0.9 141.0	0.73 S 0.59 E
200.00	1.51	137.45	0.44	199.97	3.2 139.6	2.43 S 2.08 E
300.00	1.82	143.09	0.35	299.93	6.1 140.0	4.68 S 3.92 E
400.00	1.78	148.74	0.18	399.88	9.2 142.0	7.28 S 5.69 E
500.00	1.88	153.05	0.17	499.83	12.4 144.3	10.07 S 7.24 E
600.00	2.12	160.14	0.34	599.76	15.8 147.0	13.27 S 8.61 E
700.00	2.48	156.98	0.38	699.68	19.8 149.3	17.00 S 10.08 E
800.00	2.65	145.58	0.54	799.58	24.2 149.7	20.90 S 12.23 E
900.00	2.78	145.85	0.14	899.47	28.9 149.0	24.81 S 14.90 E
1000.00	2.88	145.94	0.10	999.35	33.9 148.6	28.90 S 17.67 E
1100.00	2.99	145.06	0.12	1099.22	39.0 148.2	33.13 S 20.58 E
1200.00	2.81	147.48	0.22	1199.09	44.1 147.9	37.34 S 23.39 E
1300.00	2.57	151.24	0.30	1298.98	48.8 148.1	41.37 S 25.79 E
1400.00	2.29	151.75	0.28	1398.89	53.0 148.3	45.10 S 27.81 E
1500.00	1.95	147.97	0.37	1498.82	56.7 148.4	48.30 S 29.66 E
1600.00	1.48	144.13	0.49	1598.78	59.7 148.3	50.79 S 31.32 E
1700.00	1.09	156.09	0.47	1698.75	61.9 148.4	52.70 S 32.46 E
1810.82	0.79	164.48	0.30	1809.56	63.7 148.7	54.40 S 33.09 E
1903.69	0.78	158.69	0.09	1902.42	64.9 148.9	55.61 S 33.49 E

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Location: PATRIOT 1, EDDY COUNTY, NEW MEXICO

Lease: DREWFOED'S BOOMBOX 1921-19 Well: STATE COM #1, 4-1/2" DRILLPIPE

Job Number: MD1206G_

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
1996.56	1.06	161.28	0.30	1995.28	66.4 149.2	57.01 S 34.00 E
2089.43	1.02	167.70	0.13	2088.13	68.0 149.6	58.63 S 34.45 E
2182.30	0.86	175.00	0.21	2180.99	69.4 150.0	60.13 S 34.69 E
2275.17	0.74	189.14	0.25	2273.85	70.5 150.6	61.42 S 34.65 E
2368.04	0.84	190.59	0.11	2366.71	71.5 151.2	62.68 S 34.43 E
2460.91	0.76	197.72	0.14	2459.57	72.5 151.9	63.94 S 34.12 E
2553.78	0.53	200.39	0.24	2552.43	73.2 152.5	64.93 S 33.78 E
2646.65	0.23	180.05	0.35	2645.30	73.6 152.8	65.52 S 33.63 E
2739.52	0.37	177.72	0.16	2738.17	74.1 153.0	66.01 S 33.65 E
2832.39	0.30	215.92	0.25	2831.04	74.5 153.3	66.50 S 33.52 E
2925.26	0.30	251.00	0.19	2923.91	74.6 153.6	66.78 S 33.14 E
3018.13	0.66	353.17	0.85	3016.78	74.0 153.7	66.32 S 32.85 E
3111.00	0.76	353.72	0.11	3109.64	72.9 153.3	65.17 S 32.72 E
3203.87	0.90	333.35	0.35	3202.50	71.6 153.2	63.91 S 32.32 E
3296.74	0.95	316.08	0.30	3295.36	70.2 153.4	62.71 S 31.46 E
3389.61	0.93	313.04	0.06	3388.22	68.7 153.8	61.64 S 30.38 E
3482.48	0.91	318.21	0.09	3481.07	67.3 154.2	60.58 S 29.34 E
3575.35	1.06	322.84	0.18	3573.93	65.8 154.5	59.34 S 28.33 E
3668.22	1.15	328.24	0.15	3666.78	64.0 154.7	57.86 S 27.32 E
3761.09	1.04	333.85	0.17	3759.64	62.2 154.8	56.31 S 26.45 E
3853.96	0.95	329.46	0.13	3852.49	60.6 154.9	54.89 S 25.69 E
3946.83	0.82	333.60	0.15	3945.35	59.2 155.0	53.63 S 25.00 E
4039.70	0.72	337.89	0.13	4038.21	57.9 155.0	52.49 S 24.49 E

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Location: PATRIOT 1, EDDY COUNTY, NEW MEXICO

Lease: DREWFOED'S BOOMBOX 1921-19 Well: STATE COM #1, 4-1/2" DRILLPIPE

Job Number: MD1206G_

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLE SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4132.57	0.74	328.32	0.13	4131.07	56.7 155.0	51.44 S 23.95 E
4224.44	1.02	321.47	0.32	4222.93	55.4 155.3	50.30 S 23.13 E
4257.22	1.06	321.25	0.13	4255.71	54.8 155.5	49.84 S 22.76 E
4289.00	1.01	315.63	0.35	4287.48	54.2 155.6	49.41 S 22.38 E
4305.00	1.02	313.52	0.23	4303.48	54.0 155.7	49.21 S 22.18 E

Final Station Closure: Distance: 53.98 ft Az: 155.74 deg.