

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. Div-Dist. 2FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007**S**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.1301 W. Grand Avenue
Artesia, NM 88210

Lease Serial No.

NM 112249

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

OCT 05 2007

2. Name of Operator

OCD-ARTESIA

PARALLEL PETROLEUM CORPORATION

3a. Address

1004 N BIG SPRING, SUITE 400, MIDLAND, TX 79701

3b. Phone No. (include area code)

432-685-6563

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SL: 760 FNL & 190 FWL, SEC 21, T-15S, R25E

EHL: 760 FNL & 660 FWL, SEC 20, T-15S, R-25E PROPOSED

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

LETTERS 1525-20 1

FEDERAL

9. API Well No.

30-005-63934

10. Field and Pool, or Exploratory Area

WILDCAT; WOLFECAMP

11. County or Parish, State

CHAVES

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other <u>PROD CSG.</u>
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	<u>SURVEYS</u>
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

09-21-2007: TD'D @ 9175

09-23-2007: 5.5" CSG, 7-7/8" HOLE, 17# SET @ 9175

CMT W/: LEAD: 650 SX HALLIBURTON INTERFILL C + SEM POLY-E-FLAKE, 11.9 PPG, 2.47 YLD

TAIL: 450 SX HALLIBURTON HALAD-344 + 50# SILICALITE + 50/50 POZMIX D-AIR 3000

+ HR-601 50# BAG, 15 PPG, 2.62 YLD

TOC: CIRCULATED 136 SX TO PIT

WOC: 8 HRS TEST CSG TO 1500 PSI FOR 30 MINUTES

SURVEYS ATTACHED: PATHFINDER MAD SURVEY, GYRODATA GYRO SURVEY, NO OPEN HOLE LOGS RUN

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

KAYE MC CORMICK

Title

SR PROD & REG TECH

Date 09-27-2007

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 18 U.S.C. Section 212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DAVID R. GLASS
PETROLEUM ENGINEER

Pathfinder Energy

Survey Report

Company: Parallel Petroleum Corp. Field: Chaves County, NM NAD-27 Site: Letters 1525-20 Federal #1 Well: Letters 1525-20 Federal #1 Wellpath: OH	Date: 09/24/2007 Time: 15:06:51 Page: 1 Co-ordinate(NE) Reference: Well: Letters 1525-20 Federal #1 Vertical (TVD) Reference: SITE 3508.0 Section (VS) Reference: Well (0.00N,0.00E,269.82Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Field: Chaves County, NM NAD-27

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: Letters 1525-20 Federal #1

Site Position:	Northing: 729631.10 ft	Latitude: 33 0 20.746 N	
From: Map	Easting: 462572.30 ft	Longitude: 104 27 19.517 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3495.00 ft		Grid Convergence: -0.07 deg	

Well: Letters 1525-20 Federal #1

Slot Name:

Well Position:	0.00 ft	Northing: 729631.10 ft	Latitude: 33 0 20.746 N
	+E-W 0.00 ft	Easting: 462572.30 ft	Longitude: 104 27 19.517 W
Position Uncertainty: 0.00 ft			

Wellpath: OH

Current Datum: SITE	Height: 3508.00 ft	Drilled From: Surface
Magnetic Data: 09/04/2007		Tie-on Depth: 0.00 ft
Field Strength: 49411 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N-S	Declination: 8.49 deg
ft	ft	Mag Dip Angle: 60.85 deg
		+E-W Direction
		deg
0.00	0.00	0.00 269.82

Survey: Pathfinder MWD

Start Date: 09/13/2007

Company: Pathfinder Energy
Tool:

Engineer:
Tied-to: From: Definitive Path

Survey: Pathfinder MWD

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2880.00	0.51	12.38	2879.82	-5.06	13.90	-13.88	0.00	0.00	0.00	Tie in to Gyro Survey
2899.00	0.26	38.27	2898.82	-4.95	13.94	-13.93	1.56	-1.30	136.25	
3099.00	0.26	350.37	3098.82	-4.14	14.15	-14.13	0.11	0.00	-23.95	
3299.00	0.26	340.96	3298.82	-3.27	13.92	-13.91	0.02	0.00	-4.70	
3350.00	0.18	12.78	3349.82	-3.08	13.90	-13.89	0.28	-0.16	62.39	
3499.00	0.26	357.22	3498.82	-2.51	13.94	-13.93	0.07	0.05	-10.44	
3699.00	0.26	48.20	3698.81	-1.76	14.25	-14.25	0.11	0.00	25.49	
3892.00	1.06	79.84	3891.80	-1.15	16.34	-16.33	0.44	0.41	16.39	
3955.00	1.23	100.14	3954.79	-1.17	17.58	-17.57	0.69	0.27	32.22	
3987.00	0.53	86.26	3986.78	-1.22	18.06	-18.06	2.27	-2.19	-43.37	
4000.00	0.48	246.79	3999.78	-1.24	18.07	-18.07	7.66	-0.38	1234.86	
4019.00	1.93	254.48	4018.78	-1.35	17.69	-17.69	7.66	7.63	40.46	
4051.00	4.68	264.15	4050.72	-1.63	15.88	-15.87	8.68	8.53	30.22	
4083.00	7.47	264.23	4082.54	-1.97	12.51	-12.51	8.78	8.78	0.25	
4115.00	10.02	263.62	4114.17	-2.49	7.68	-7.67	7.97	7.97	-1.91	
4147.00	11.70	260.02	4145.59	-3.36	1.71	-1.70	5.66	5.25	-11.25	
4178.00	13.10	260.72	4175.87	-4.47	-4.85	4.86	4.54	4.52	2.26	
4210.00	14.86	262.21	4206.92	-5.61	-12.49	12.51	5.61	5.50	4.66	
4242.00	16.97	263.00	4237.69	-6.74	-21.19	21.22	6.63	6.59	2.47	
4274.00	18.64	263.18	4268.16	-7.92	-30.91	30.93	5.22	5.22	0.56	
4305.00	20.14	264.32	4297.40	-9.03	-41.14	41.17	4.99	4.84	3.68	
4337.00	21.98	263.71	4327.26	-10.23	-52.57	52.61	5.79	5.75	-1.91	
4369.00	23.65	265.64	4356.76	-11.38	-64.93	64.96	5.72	5.22	6.03	
4401.00	25.32	265.64	4385.88	-12.39	-78.15	78.19	5.22	5.22	0.00	

Pathfinder Energy

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 Well: Letters 1525-20 Federal #1
 Wellpath: OH

Date: 09/24/2007 Time: 15:06:51 Page: 2
 Co-ordinate(NE) Reference: Well: Letters 1525-20 Federal #1
 Vertical (TVD) Reference: SITE 3508.0
 Section (VS) Reference: Well (0.00N,0.00E,269.82Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Pathfinder MWD

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4433.00	28.23	265.55	4414.44	-13.49	-92.52	92.56	9.09	9.09	-0.28	
4465.00	31.30	264.76	4442.22	-14.84	-108.35	108.40	9.67	9.59	-2.47	
4497.00	34.12	264.94	4469.14	-16.39	-125.57	125.62	8.82	8.81	0.56	
4528.00	36.32	265.20	4494.46	-17.93	-143.38	143.44	7.11	7.10	0.84	
4560.00	39.04	266.43	4519.79	-19.35	-162.89	162.95	8.82	8.50	3.84	
4592.00	41.24	267.49	4544.25	-20.44	-183.49	183.55	7.20	6.87	3.31	
4624.00	43.44	268.01	4567.90	-21.28	-205.02	205.09	6.96	6.87	1.62	
4656.00	45.55	269.42	4590.73	-21.78	-227.44	227.51	7.28	6.59	4.41	
4687.00	47.84	270.04	4611.99	-21.88	-250.00	250.06	7.53	7.39	2.00	
4719.00	49.68	270.65	4633.08	-21.74	-274.06	274.12	5.93	5.75	1.91	
4751.00	51.97	270.56	4653.29	-21.48	-298.86	298.93	7.16	7.16	-0.28	
4783.00	53.73	270.91	4672.62	-21.15	-324.36	324.43	5.57	5.50	1.09	
4815.00	55.31	270.56	4691.19	-20.81	-350.42	350.48	5.02	4.94	-1.09	
4847.00	58.12	271.35	4708.75	-20.36	-377.16	377.22	9.02	8.78	2.47	
4879.00	59.97	271.44	4725.21	-19.70	-404.60	404.66	5.79	5.78	0.28	
4911.00	62.17	272.14	4740.69	-18.82	-432.59	432.64	7.14	6.87	2.19	
4943.00	64.10	271.27	4755.15	-17.97	-461.12	461.17	6.50	6.03	-2.72	
4975.00	65.86	271.62	4768.68	-17.24	-490.11	490.16	5.59	5.50	1.09	
5007.00	67.97	271.79	4781.23	-16.36	-519.53	519.58	6.61	6.59	0.53	
5030.05	69.24	271.54	4789.64	-15.74	-540.98	541.03	5.59	5.50	-1.10	
5039.00	69.73	271.44	4792.78	-15.52	-549.36	549.41	5.59	5.50	-1.08	
5071.00	72.55	271.00	4803.12	-14.88	-579.63	579.68	8.91	8.81	-1.37	
5103.00	75.01	269.86	4812.06	-14.65	-610.35	610.40	8.41	7.69	-3.56	
5135.00	77.56	269.86	4819.64	-14.73	-641.44	641.48	7.97	7.97	0.00	
5166.00	79.76	269.95	4825.74	-14.78	-671.83	671.87	7.10	7.10	0.29	
5198.00	81.60	269.68	4830.92	-14.88	-703.41	703.45	5.81	5.75	-0.84	
5230.00	83.62	269.24	4835.04	-15.18	-735.14	735.18	6.46	6.31	-1.37	
5262.00	85.30	270.12	4838.13	-15.36	-766.99	767.03	5.92	5.25	2.75	
5294.00	85.21	269.24	4840.77	-15.54	-798.88	798.92	2.75	-0.28	-2.75	
5326.00	85.65	269.68	4843.32	-15.84	-830.77	830.82	1.94	1.37	1.37	
5358.00	87.23	269.68	4845.31	-16.01	-862.71	862.76	4.94	4.94	0.00	
5366.84	87.62	269.78	4845.71	-16.06	-871.54	871.59	4.55	4.41	1.13	
5390.00	88.64	270.04	4846.46	-16.09	-894.69	894.73	4.55	4.41	1.12	
5422.00	88.72	270.12	4847.20	-16.05	-926.68	926.73	0.35	0.25	0.25	
5454.00	88.72	269.24	4847.91	-16.23	-958.67	958.72	2.75	0.00	-2.75	
5486.00	89.25	268.45	4848.48	-16.87	-990.66	990.71	2.97	1.66	-2.47	
5518.00	90.22	269.07	4848.63	-17.56	-1022.65	1022.70	3.60	3.03	1.94	
5550.00	91.28	269.68	4848.21	-17.91	-1054.65	1054.70	3.82	3.31	1.91	
5582.00	93.47	269.42	4846.88	-18.16	-1086.62	1086.67	6.89	6.84	-0.81	
5677.00	91.19	267.66	4843.02	-20.58	-1181.50	1181.55	3.03	-2.40	-1.85	
5772.00	87.32	267.13	4844.26	-24.90	-1276.37	1276.44	4.11	-4.07	-0.56	
5868.00	88.20	269.16	4848.01	-28.00	-1372.24	1372.32	2.30	0.92	2.11	
5964.00	90.04	268.98	4849.48	-29.56	-1468.21	1468.30	1.93	1.92	-0.19	
6059.00	93.74	269.07	4846.35	-31.18	-1563.13	1563.22	3.90	3.89	0.09	
6155.00	94.00	269.42	4839.87	-32.44	-1658.90	1659.00	0.45	0.27	0.36	
6251.00	91.28	270.65	4835.45	-32.38	-1754.79	1754.88	3.11	-2.83	1.28	
6346.00	88.99	269.07	4835.23	-32.61	-1849.78	1849.87	2.93	-2.41	-1.66	
6441.00	91.54	268.54	4834.79	-34.59	-1944.75	1944.85	2.74	2.68	-0.56	
6534.00	93.12	268.89	4831.01	-36.68	-2037.65	2037.75	1.74	1.70	0.38	
6627.00	92.24	269.77	4826.66	-37.76	-2130.54	2130.65	1.34	-0.95	0.95	
6719.00	90.57	268.98	4824.40	-38.77	-2222.50	2222.61	2.01	-1.82	-0.86	
6812.00	89.43	268.19	4824.40	-41.06	-2315.47	2315.59	1.49	-1.23	-0.85	
6904.00	89.43	268.10	4825.32	-44.04	-2407.42	2407.54	0.10	0.00	-0.10	

Pathfinder Energy

Survey Report

Company: Parallel Petroleum Corp.
Field: Chaves County, NM NAD-27
Site: Letters 1525-20 Federal #1
Well: Letters 1525-20 Federal #1
Wellpath: OH

Date: 09/24/2007 **Time:** 15:06:51 **Page:** 3
Co-ordinate(NE) Reference: Well: Letters 1525-20 Federal #1
Vertical (TVD) Reference: SITE 3508.0
Section (VS) Reference: Well (0.00N,0.00E,269.82Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey: Pathfinder MWD

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6998.00	88.64	267.05	4826.90	-48.02	-2501.32	2501.46	1.40	-0.84	-1.12	
7121.00	86.79	264.15	4831.81	-57.44	-2623.84	2624.01	2.79	-1.50	-2.36	
7214.00	86.53	260.46	4837.23	-69.87	-2715.83	2716.03	3.97	-0.28	-3.97	
7276.00	83.98	263.09	4842.35	-78.71	-2776.97	2777.20	5.90	-4.11	4.24	
7337.00	80.99	264.32	4850.33	-85.34	-2837.07	2837.33	5.29	-4.90	2.02	
7400.00	90.13	264.41	4855.20	-91.51	-2899.52	2899.79	14.51	14.51	0.14	
7464.00	95.06	263.09	4852.31	-98.46	-2963.05	2963.34	7.97	7.70	-2.06	
7528.00	93.03	263.97	4847.79	-105.65	-3026.48	3026.79	3.46	-3.17	1.37	
7592.00	91.63	264.15	4845.19	-112.27	-3090.08	3090.41	2.21	-2.19	0.28	
7655.00	91.54	263.44	4843.45	-119.08	-3152.69	3153.04	1.14	-0.14	-1.13	
7719.00	90.40	265.11	4842.36	-125.46	-3216.36	3216.73	3.16	-1.78	2.61	
7782.00	92.86	265.46	4840.57	-130.64	-3279.11	3279.50	3.94	3.90	0.56	
7846.00	95.50	266.08	4835.91	-135.35	-3342.76	3343.17	4.24	4.12	0.97	
7910.00	95.67	266.17	4829.68	-139.65	-3406.31	3406.73	0.30	0.27	0.14	
7973.00	96.20	267.22	4823.17	-143.28	-3468.87	3469.30	1.86	0.84	1.67	
8037.00	96.29	268.72	4816.20	-145.52	-3532.45	3532.88	2.33	0.14	2.34	
8101.00	95.14	268.80	4809.83	-146.90	-3596.11	3596.55	1.80	-1.80	0.12	
8164.00	95.32	269.16	4804.09	-148.01	-3658.84	3659.28	0.64	0.29	0.57	
8228.00	92.95	271.79	4799.47	-147.48	-3722.66	3723.10	5.52	-3.70	4.11	
8292.00	90.57	272.14	4797.51	-145.29	-3786.59	3787.02	3.76	-3.72	0.55	
8356.00	91.89	273.37	4796.13	-142.21	-3850.50	3850.92	2.82	2.06	1.92	
8419.00	91.45	272.58	4794.30	-138.94	-3913.39	3913.80	1.43	-0.70	-1.25	
8674.00	91.45	272.06	4787.84	-128.62	-4168.10	4168.47	0.20	0.00	-0.20	
8706.00	91.45	271.88	4787.03	-127.52	-4200.07	4200.44	0.56	0.00	-0.56	
8834.00	91.54	271.53	4783.69	-123.72	-4327.97	4328.33	0.28	0.07	-0.27	
8961.00	91.80	271.62	4779.99	-120.23	-4454.86	4455.22	0.22	0.20	0.07	
9103.00	90.04	269.95	4777.71	-118.28	-4596.82	4597.17	1.71	-1.24	-1.18	
9175.00	90.04	269.95	4777.66	-118.35	-4668.82	4669.17	0.00	0.00	0.00	Final MWD Survey @ 9103' Proj. to Bit @ 9175' MD
9174.90	90.04	269.95	4777.66	-118.35	-4668.82	4669.07	0.00	0.00	0.00	
9175.00	90.04	269.95	4777.66	-118.35	-4668.82	4669.17	0.00	0.00	0.00	

A Gyrodata Directional Survey

for

PARALLEL PETROLEUM CO

Lease: LETTERS 1525-20 FED Well: 1-H
Location: J-W RIG 4, CHAVES CO., NEW MEX
4-1/2" DRILLPIPE

Job Number: MD0907G_305

Run Date: 9/9/2007 7:29:36 AM

Surveyor: HENRY DREW

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 33.005778 deg. N Longitude: 104.455417 deg. W

Azimuth Correction:

Gyro: 0.07000 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 CO

Location: J-W RIG 4, CHAVES CO.,NEW MEX

Lease: LETTERS 1525-20 FED Well: 1-H, 4-1/2" DRILLPIPE

Job Number: MD0907G_305

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

0 – 2,880 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO J-W RIG 4 R.K.B. (+ 13' TO GL)							

100.00	0.24	335.94	0.24	100.00	0.2	335.9	0.19 N 0.09W
200.00	0.27	339.28	0.03	200.00	0.7	337.1	0.61 N 0.26W
300.00	0.29	334.10	0.03	300.00	1.2	336.9	1.06 N 0.45W
400.00	0.05	356.99	0.24	400.00	1.5	337.0	1.34 N 0.57W
500.00	0.18	19.35	0.13	500.00	1.6	341.3	1.53 N 0.52W
600.00	0.18	11.09	0.03	600.00	1.9	346.6	1.83 N 0.44W
700.00	0.18	29.16	0.06	700.00	2.1	351.2	2.12 N 0.33W
800.00	0.33	86.43	0.28	799.99	2.3	0.9	2.28 N 0.04 E
900.00	0.46	95.96	0.15	899.99	2.4	17.9	2.26 N 0.73 E
1000.00	0.57	131.29	0.33	999.99	2.4	38.7	1.88 N 1.51 E
1100.00	0.91	135.17	0.34	1099.98	2.6	68.0	0.99 N 2.44 E
1200.00	1.22	136.58	0.31	1199.96	3.8	95.4	0.35 S 3.74 E
1300.00	1.28	136.40	0.05	1299.94	5.6	110.3	1.93 S 5.24 E
1400.00	1.32	134.75	0.06	1399.91	7.7	117.5	3.55 S 6.82 E

A Gyrodata Directional Survey

PARALLEL PETROLEUM CO

Location: J-W RIG 4, CHAVES CO.,NEW MEX

Lease: LETTERS 1525-20 FED Well: 1-H, 4-1/2" DRILLPIPE

Job Number: MD0907G_305

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
1500.00	1.26	129.22	0.14	1499.89	9.9 120.8	5.05 S 8.49 E
1600.00	1.10	130.22	0.16	1599.87	11.9 122.3	6.36 S 10.07 E
1700.00	1.14	128.28	0.05	1699.85	13.9 123.3	7.60 S 11.58 E
1800.00	0.67	137.64	0.49	1799.84	15.4 124.1	8.64 S 12.76 E
1900.00	0.08	134.58	0.59	1899.83	16.0 124.7	9.13 S 13.20 E
2000.00	0.18	15.97	0.23	1999.83	16.1 124.2	9.02 S 13.30 E
2100.00	0.38	27.64	0.21	2099.83	16.0 122.4	8.58 S 13.49 E
2200.00	0.30	17.20	0.10	2199.83	15.9 120.3	8.03 S 13.73 E
2300.00	0.28	12.16	0.03	2299.83	15.8 118.6	7.54 S 13.85 E
2400.00	0.23	335.69	0.17	2399.83	15.5 117.3	7.12 S 13.82 E
2500.00	0.18	359.80	0.10	2499.83	15.3 116.3	6.78 S 13.74 E
2600.00	0.12	344.19	0.07	2599.83	15.2 115.4	6.52 S 13.71 E
2700.00	0.27	359.10	0.15	2699.83	15.0 114.3	6.18 S 13.68 E
2800.00	0.36	15.21	0.13	2799.82	14.9 112.3	5.65 S 13.75 E
2880.00	0.51	12.38	0.19	2879.82	14.8 110.0	5.06 S 13.90 E

Final Station Closure: Distance: 14.79 ft Az: 110.02 deg.