

"As Drilled Plat"

RCVD NOV 6 '08
OIL CONS. DIV.

DIST. 3

DISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 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

¹ API Number 30-039-30302	² Pool Code 71599-72319	³ Pool Name DAKOTA / MESA VERDE
⁴ Property Code 7454	⁵ Property Name SAN JUAN 27-5 UNIT	⁶ Well Number 907
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP.	⁹ Elevation 6625

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
G	8	27 N	5 W		1699	NORTH	1865	EAST	RIO ARriba

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
H	8	27 N	5 W	19 ³⁵	1668	NORTH	1000	EAST	RIO ARriba

¹² Dedicated Acres 320 (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 S 88°47'03" E 2646.35' N 0°23'21" W 2616.10' N 0°35'07" W N 78°52'24" W 2690.16'	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. Signature: <i>[Signature]</i> Date: 10-28-08 Printed Name: Kelly J. Schaefer
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: 8/02/07 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: 17078	¹⁹ USA SF-079391 NAD 83 LAT: 36.591160° N LONG: 107.379420° W NAD 27 LAT: 36° 35.4691' N LONG: 107° 22.7291' W NAD 83 LAT: 36.591171° N LONG: 107.376525° W NAD 27 LAT: 36° 35.4697' N LONG: 107° 22.5554' W 2670.27'

B 11/2



Gyrodata Incorporated

301 Thelma Dr. #433
Casper, Wyoming 82609

307/234-7241

Fax: 307/234-6309

October 20, 2008

ConocoPhillips, Inc.
3401 E. 30th Street
Farmington, NM 87402

Attn: Patsey Clugston

Ms. Clugston:

Please find enclosed a certified copy of the survey conducted for ConocoPhillips, Inc. on July 31, 2008, Job Number RM0708GW565. The survey was performed on:

Well: San Juan 27-5 #907
Field: Rio Arriba County, New Mexico
Rig: Crane

If any additional information is required, please feel free to contact the undersigned at (307) 234-7241.

Sincerely,


Maricela Gomez
Operations Assistant

Enclosure

RCVD NOV 6 '08

OIL CONS. DIV.

DIST. 3

A Gyrodata Directional Survey

for

CONOCOPHILLIPS, INC.

Lease: San Juan 27-5 Well: 907, 4-1/2" Casing

Location: Crane, Rio Arriba County, New Mexico

Job Number: RM0708GW565

Run Date: 30 Jul 2008

Surveyor: James Butler

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 36.591152 deg. N Longitude: 107.378818 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

RCVD NOV 6 '08

OIL CONS. DIV.

DIST. 3

A Gyrodata Directional Survey

ConocoPhillips, Inc.

Lease: San Juan 27-5 Well: 907, 4-1/2" Casing

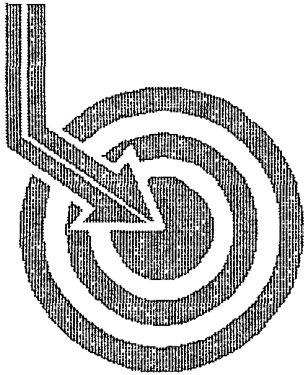
Location: Crane, Rio Arriba County, New Mexico

Job Number: RM0708GW565

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet

3900 - 8090 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" CASING							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO WELLHEAD							
TIE-IN DATA PROVIDED BY COMPANY MAN							

* 3803.00	1.00	127.89	S 52 7 E	0.00	3674.96	867.0 89.4	9.62 N 866.98 E
3900.00	2.12	119.83	S 60 10 E	1.17	3771.92	869.2 89.5	8.21 N 869.20 E
4100.00	1.79	149.20	S 30 48 E	0.52	3971.81	874.0 89.8	3.69 N 874.00 E
4300.00	1.56	172.18	S 7 49 E	0.35	4171.73	876.0 90.1	1.68 S 875.97 E
4500.00	0.86	200.19	S 20 11 W	0.45	4371.68	875.8 90.4	5.79 S 875.82 E
4700.00	0.86	213.15	S 33 9 W	0.10	4571.66	874.5 90.6	8.45 S 874.49 E
4900.00	0.81	230.15	S 50 9 W	0.13	4771.64	872.7 90.7	10.61 S 872.59 E
5100.00	0.82	244.40	S 64 24 W	0.10	4971.62	870.3 90.8	12.13 S 870.21 E
5300.00	0.78	210.17	S 30 10 W	0.24	5171.60	868.3 90.9	13.93 S 868.23 E
5500.00	1.35	218.71	S 38 43 W	0.30	5371.57	866.2 91.1	16.95 S 866.07 E
5700.00	1.80	204.58	S 24 35 W	0.29	5571.49	863.6 91.4	21.65 S 863.29 E
5900.00	1.59	202.33	S 22 20 W	0.11	5771.40	861.4 91.8	27.08 S 860.93 E
6100.00	0.99	191.22	S 11 13 W	0.32	5971.35	860.1 92.1	31.34 S 859.54 E
6300.00	1.04	191.30	S 11 18 W	0.03	6171.32	859.5 92.3	34.81 S 858.84 E
6500.00	0.77	241.20	S 61 12 W	0.40	6371.30	858.1 92.5	37.24 S 857.31 E
6700.00	0.73	270.30	N 89 42 W	0.19	6571.28	855.7 92.5	37.88 S 854.86 E
6900.00	0.43	265.43	S 85 26 W	0.15	6771.27	853.7 92.5	37.94 S 852.83 E
7100.00	0.08	159.89	S 20 7 E	0.23	6971.27	853.0 92.6	38.12 S 852.13 E
7300.00	0.23	77.88	N 77 53 E	0.12	7171.27	853.4 92.6	38.16 S 852.57 E



Scientific Drilling

BURLINGTON RESOURCES

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-5 #907
Wellpath: DH - Job #33D0608128
Survey: 06/18/08-06/21/08

RCVD NOV 6 '08
OIL CONS. DIV.
DIST. 3

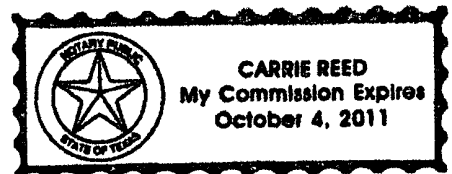
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Wharton*.....Company Representative

Notorized this date 3rd of June, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International

Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-5 #907
Wellpath: DH - Job #33D0608128

Date: 06/29/2008 Time: 22:04:39 Page: 1
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,89.75Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 06/18/08-06/21/08

Start Date: 06/18/2008

E-field 0'-3803'

Company: Scientific Drilling Internatio

Engineer:

Richey/Gillespie/Orozco

Tool: E-field;E-field

Tied-to:

From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
275.00	1.25	289.83	274.98	-2.82	1.02	-2.82	0.45	3.00	289.83
335.00	0.89	344.21	334.97	-3.56	1.69	-3.56	1.71	3.94	295.34
397.00	1.59	34.16	396.96	-3.20	2.86	-3.21	1.97	4.30	311.71
458.00	2.84	62.20	457.91	-1.38	4.27	-1.40	2.65	4.49	341.84
520.00	4.01	66.64	519.80	1.97	5.84	1.95	1.93	6.16	18.44
582.00	5.98	72.64	581.56	7.06	7.67	7.02	3.28	10.40	42.48
643.00	8.45	79.23	642.07	14.50	9.45	14.46	4.26	17.28	56.82
705.00	10.88	84.23	703.19	24.80	10.89	24.76	4.14	27.05	66.25
768.00	13.67	88.99	764.75	38.17	11.62	38.12	4.71	39.85	73.04
830.00	17.03	92.79	824.53	54.57	11.31	54.52	5.65	55.68	78.28
894.00	19.60	95.60	885.28	74.61	9.81	74.57	4.24	75.21	82.51
957.00	20.16	95.08	944.53	95.93	7.81	95.90	0.93	96.21	85.34
1021.00	20.68	95.06	1004.50	118.16	5.84	118.14	0.81	118.28	87.17
1084.00	20.16	94.62	1063.55	140.06	3.98	140.04	0.86	140.10	88.37
1147.00	19.63	94.18	1122.79	161.42	2.34	161.41	0.87	161.43	89.17
1210.00	19.46	90.50	1182.16	182.47	1.48	182.46	1.97	182.47	89.54
1274.00	18.92	87.94	1242.60	203.50	1.76	203.49	1.56	203.50	89.51
1337.00	19.44	86.75	1302.11	224.18	2.72	224.17	1.03	224.18	89.31
1401.00	19.88	87.54	1362.37	245.69	3.79	245.67	0.80	245.70	89.12
1464.00	19.05	89.94	1421.77	266.67	4.26	266.66	1.83	266.69	89.09
1528.00	19.04	88.35	1482.27	287.55	4.57	287.54	0.81	287.57	89.09
1591.00	17.30	88.93	1542.13	307.19	5.04	307.18	2.78	307.22	89.06
1654.00	17.61	89.11	1602.23	326.09	5.36	326.07	0.50	326.11	89.06
1716.00	18.09	89.26	1661.24	345.09	5.63	345.07	0.78	345.12	89.06
1780.00	18.02	88.17	1722.09	364.93	6.08	364.90	0.54	364.95	89.05
1843.00	18.12	87.24	1781.98	384.45	6.86	384.43	0.48	384.49	88.98
1908.00	18.55	89.24	1843.68	404.89	7.49	404.86	1.17	404.93	88.94
1971.00	18.20	90.52	1903.47	424.75	7.53	424.72	0.85	424.79	88.98
2035.00	18.58	90.85	1964.20	444.94	7.29	444.91	0.62	444.97	89.06
2099.00	18.81	89.96	2024.83	465.45	7.14	465.42	0.57	465.48	89.12
2162.00	17.64	90.73	2084.67	485.15	7.03	485.12	1.90	485.18	89.17
2226.00	17.16	89.62	2145.74	504.29	6.97	504.26	0.91	504.31	89.21
2289.00	16.86	88.61	2205.98	522.72	7.25	522.69	0.67	522.74	89.21
2352.00	18.15	88.62	2266.06	541.66	7.71	541.63	2.05	541.69	89.18
2416.00	17.85	89.62	2326.93	561.44	8.01	561.41	0.67	561.46	89.18
2479.00	17.19	87.75	2387.01	580.40	8.44	580.37	1.38	580.43	89.17
2543.00	17.32	87.82	2448.13	599.37	9.18	599.34	0.21	599.41	89.12
2605.00	16.88	86.62	2507.39	617.58	10.06	617.54	0.91	617.63	89.07
2669.00	17.15	86.70	2568.58	636.28	11.15	636.24	0.42	636.34	89.00
2732.00	16.68	88.47	2628.86	654.60	11.93	654.55	1.11	654.66	88.96
2796.00	16.80	88.34	2690.15	673.03	12.44	672.98	0.20	673.09	88.94
2859.00	16.88	86.92	2750.45	691.26	13.19	691.21	0.67	691.34	88.91
2923.00	17.12	87.27	2811.65	709.95	14.14	709.90	0.41	710.04	88.86
2986.00	16.71	87.73	2871.92	728.27	14.94	728.21	0.68	728.37	88.82
3050.00	15.55	90.23	2933.40	746.04	15.27	745.98	2.11	746.14	88.83
3114.00	14.47	91.47	2995.22	762.62	15.03	762.56	1.76	762.71	88.87
3177.00	13.91	89.61	3056.30	778.06	14.88	778.00	1.15	778.14	88.90
3241.00	12.69	89.91	3118.58	792.78	14.95	792.72	1.91	792.86	88.92



Scientific Drilling International

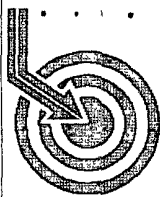
Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-5 #907
Wellpath: DH - Job #33D0608128

Date: 06/29/2008 Time: 22:04:39 Page: 2
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Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,89.75Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3305.00	11.75	90.33	3181.13	806.32	14.92	806.27	1.48	806.41	88.94
3368.00	10.45	90.14	3242.95	818.45	14.87	818.40	2.06	818.53	88.96
3432.00	9.21	92.10	3306.01	829.37	14.67	829.32	2.01	829.45	88.99
3495.00	7.72	94.83	3368.32	838.63	14.13	838.57	2.45	838.69	89.03
3559.00	6.77	102.38	3431.81	846.59	12.95	846.54	2.10	846.64	89.12
3623.00	5.80	106.11	3495.43	853.37	11.25	853.33	1.64	853.41	89.24
3686.00	4.56	110.98	3558.17	858.76	9.47	858.73	2.09	858.78	89.37
3750.00	3.33	111.98	3622.01	862.86	7.86	862.83	1.92	862.87	89.48
3803.00	1.00	127.89	3674.97	864.64	7.00	864.62	4.50	864.65	89.54



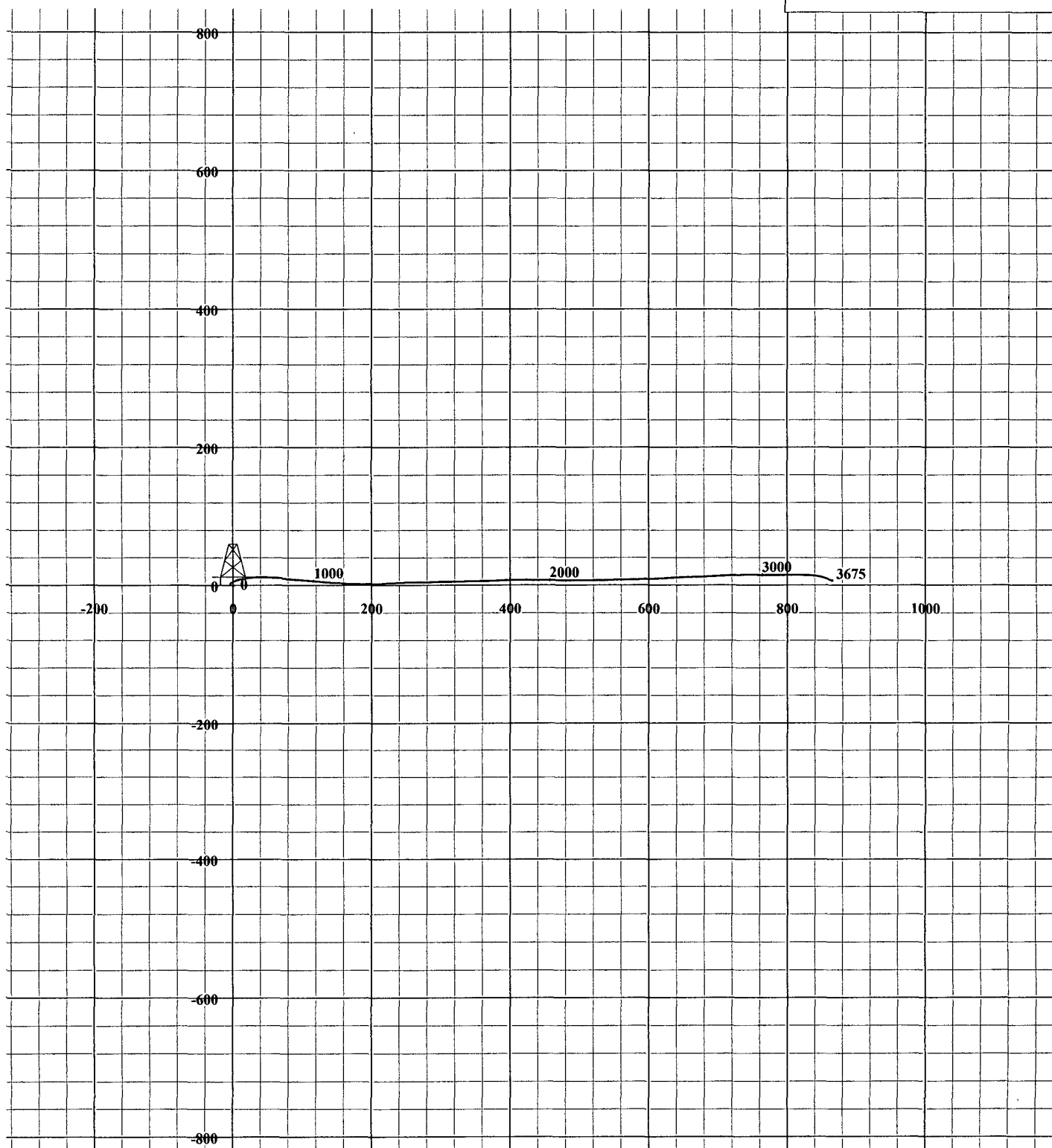
Scientific
Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-5 #907
Wellpath: DH - Job #33D0608128
Survey: 06/18/08-06/21/08



Azimuths to True North
Magnetic North: 0.00°
Magnetic Field
Strength: 0.1
Dip Angle: 0.00°
Date: 06/29/2008
Model: gr2000

South(-)/North(+) [200ft/in]



West(-)/East(+) [200ft/in]

A Gyrodata Directional Survey

ConocoPhillips, Inc.

Lease: San Juan 27-5 Well: 907, 4-1/2" Casing

Location: Crane, Rio Arriba County, New Mexico

Job Number: RM0708GW565

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
7500.00	0.82	352.64	N 7 22 W	0.42	7371.26	853.6 92.5	36.66 S 852.78 E
7700.00	1.10	66.29	N 66 17 E	0.58	7571.24	855.0 92.3	34.47 S 854.34 E
7900.00	1.71	75.43	N 75 26 E	0.33	7771.18	859.6 92.2	32.95 S 858.98 E
8090.00	2.00	69.48	N 69 29 E	0.18	7961.08	865.4 92.1	31.07 S 864.82 E

Final Station Closure: Distance: 865.38 ft Az: 92.06 deg.

