

REC'D/MIDLAND

APR 30 2012

Operator: XTO Energy
Well/Lease: Nash 57H
County: Eddy, NM

STATE OF NEW MEXICO
DEVIATION REPORT

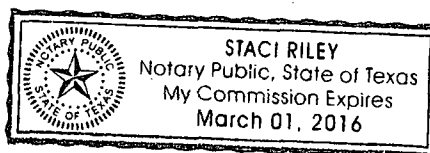
39303
B-015-~~38991~~

<u>Footage</u>	<u>Degree</u>
220	1.00
341	1.00
484	1.00
700	1.00
914	0.50
1100	0.50
1286	1.00
1472	0.50
1658	0.75
1844	1.50
1937	1.00
2065	0.75
2251	1.00
2402	2.00
2494	1.50
2587	2.75
2680	1.75
2773	2.25
2866	2.75
3052	2.75
3237	0.25
3516	0.75
3796	1.00
4447	0.25
4819	1.00
5192	0.75
5564	1.00

Signed By: Charles Walsh
Charles Walsh, Division Manager
Pioneer Drilling Company

Appeared before me on 4-26-12

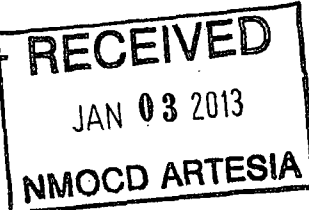
Staci Riley
Notary Public



PATHFINDER[®]

A Schlumberger Company

DIRECTIONAL SURVEY REPORT



XTO ENERGY

NASH UNIT #57H

EDDY COUNTY, NEW MEXICO

PREPARED BY: JUAN ALCOCER

Pathfinder

6213 WCR, 112
Midland, Texas, 79706
Tel. (432)687-1647
Fax (432)687-1544



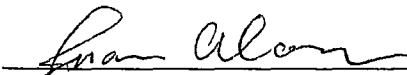
DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) AARON FOURNIER
3. POSITION OF SAID PERSON(S): (A-F) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 04-08-12 TO 04-19-12
5. STATE IN WHICH SURVEY WAS PERFORMED: NEW MEXICO
6. LOCATION OF WELL: EDDY COUNTY
7. TYPE OF SURVEY(S) PERFORMED: GAMMA-RAY
8. COMPLETE IDENTIFICATION OF WELL:

XTO ENERGY INC.
NASH UNIT #57H
EDDY COUNTY, NM
RIG: PIONEER 33

9. SURVEY CERTIFIED FROM: 6,083 TO 11,114 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE
DISPLACED AT 4,642.69 FEET ON A BEARING OF 273.14 DEGREES FROM THE
CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 11,179 FEET,
ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.


JUAN ALCOCER
MWD COORDINATOR

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 04/08/2012
Date Completed: 04/19/2012

XTO ENERGY
NASH UNIT 57H
EDDY COUNTY, NM
Rig: Pioneer 33
PathFinder Office Supervisor: Juan Alcocer
PathFinder Field Engineers: David Baker
Aaron Fournier
Edward Lee

Survey Horiz. Reference: WELLHEAD
Ref Coordinates: LAT: 32.18.8.5147 N LON: 103.56.50.8592 W
GRID Reference: NAD27 new mexico east Transverse Mercator
Ref GRID Coord: X: 619224.6000 Y: 473931.8000
North Aligned To: GRID NORTH
Total Magnetic Correction: 7.46° EAST TO GRID
Vertical Section Plane: 273.25
Survey Vert. Reference: 19.00' Rotary Table To Ground
Altitude: 2990.00' Ground To MSL

Measured Depth	11179.00	(feet)
Inclination	88.64	(deg)
Azimuth	269.98	(deg)
True Vertical Depth	6742.14	(feet)
Vertical Section	4642.68	(feet)
Survey X cord	614588.89	(feet)
Survey Y cord	474186.34	(feet)
Survey Lat	32.30310987 N	(deg)
Survey Lon	103.96246130 W	(deg)
Rectangular Corr. N/S	254.54 N	(feet)
Rectangular Corr. E/W	4635.71 W	(feet)
Closure Distance	4642.69	(feet)
Direction of Closure	273.14	(deg)
Dogleg Severity	0.00	(deg/100ft)

RECEIVED

JAN 03 2013

NMOCD ARTESIAXTO ENERGY
NASH UNIT 57H

EDDY COUNTY, NM

Rig: Pioneer 33

PathFinder Office Supervisor: Juan Alcocer

PathFinder Field Engineers: David Baker

Aaron Fournier

Edward Lee

Survey Calculations by RX5 V6.04 using Minimum Curvature

PathFinder Energy Services, Inc.**Survey Report**

Page 01/08

Tie-in Date: 04/08/2012

Date Completed: 04/19/2012

Survey Horiz. Reference: WELLHEAD

Ref Coordinates: LAT: 32.18.8.5147 N LON: 103.56.50.8592 W

GRID Reference: NAD27 new mexico east Transverse Mercator

Ref GRID Coord: X: 619224.6000 Y: 473931.8000

North Aligned To: GRID NORTH

Total Magnetic Correction: 7.46° EAST TO GRID

Vertical Section Plane: 273.25

Survey Vert. Reference: 19.00' Rotary Table To Ground

Altitude: 2990.00' Ground To MSL

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
THE FOLLOWING ARE VAUGHN ENERGY SERVICE GYROSCOPIC SURVEYS.										
100.00	0.25	32.37	100.00	100.00	-0.07	0.13 N	0.07 E	0.15@	28.83	0.25
200.00	0.51	64.74	199.99	100.00	-0.56	0.51 N	0.59 E	0.78@	49.38	0.33
300.00	0.49	49.76	299.99	100.00	-1.27	0.98 N	1.32 E	1.64@	53.59	0.13
400.00	0.46	34.77	399.99	100.00	-1.79	1.58 N	1.88 E	2.45@	49.90	0.13
500.00	0.53	66.03	499.98	100.00	-2.41	2.10 N	2.53 E	3.29@	50.31	0.28
600.00	0.60	97.29	599.98	100.00	-3.34	2.22 N	3.47 E	4.12@	57.40	0.31
700.00	0.40	85.21	699.98	100.00	-4.21	2.18 N	4.34 E	4.86@	63.29	0.23
800.00	0.20	73.13	799.97	100.00	-4.72	2.26 N	4.85 E	5.36@	65.00	0.21
900.00	0.27	350.36	899.97	100.00	-4.83	2.55 N	4.98 E	5.59@	62.93	0.31
1000.00	0.34	267.60	999.97	100.00	-4.48	2.77 N	4.65 E	5.41@	59.23	0.41
1100.00	0.45	248.04	1099.97	100.00	-3.83	2.61 N	3.98 E	4.76@	56.81	0.17
1200.00	0.56	228.48	1199.97	100.00	-3.13	2.14 N	3.25 E	3.89@	56.73	0.20
1300.00	0.66	228.61	1299.96	100.00	-2.37	1.43 N	2.46 E	2.84@	59.78	0.10
1400.00	0.76	228.74	1399.95	100.00	-1.49	0.61 N	1.53 E	1.64@	68.12	0.10
1500.00	0.69	223.08	1499.94	100.00	-0.63	0.26 S	0.62 E	0.67@	113.24	0.10
1600.00	0.62	217.42	1599.94	100.00	0.06	1.13 S	0.12 W	1.14@	186.25	0.10
1700.00	0.64	201.67	1699.93	100.00	0.54	2.08 S	0.66 W	2.18@	197.56	0.17
1800.00	0.67	185.93	1799.93	100.00	0.74	3.18 S	0.93 W	3.32@	196.22	0.18
1900.00	0.69	187.13	1899.92	100.00	0.81	4.36 S	1.06 W	4.49@	193.67	0.02
2000.00	0.71	188.32	1999.91	100.00	0.91	5.57 S	1.23 W	5.71@	192.40	0.02
2100.00	0.41	176.58	2099.91	100.00	0.92	6.54 S	1.29 W	6.67@	191.18	0.32
2200.00	0.11	164.85	2199.91	100.00	0.85	6.99 S	1.25 W	7.10@	190.11	0.30
2300.00	0.94	140.89	2299.90	100.00	0.27	7.72 S	0.70 W	7.75@	185.21	0.84

PathFinder Energy Services, Inc.

Survey Report

XTO ENERGY
NASH UNIT 57H
EDDY COUNTY, NM
RIG:Pioneer 33

Page 02/08

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
2400.00	1.76	116.93	2399.87	100.00	-1.69	9.05 S	1.18 E	9.13@	172.56	0.98
2500.00	1.73	122.74	2499.83	100.00	-4.41	10.57 S	3.82 E	11.24@	160.12	0.18
2600.00	1.70	128.55	2599.78	100.00	-6.94	12.31 S	6.25 E	13.80@	153.07	0.18
2700.00	1.94	138.46	2699.73	100.00	-9.34	14.50 S	8.53 E	16.82@	149.52	0.39
2800.00	2.17	148.37	2799.67	100.00	-11.62	17.38 S	10.65 E	20.38@	148.50	0.42
2900.00	2.08	145.91	2899.60	100.00	-13.80	20.49 S	12.66 E	24.09@	148.30	0.13
3000.00	1.99	143.46	2999.54	100.00	-16.01	23.39 S	14.71 E	27.63@	147.84	0.13
3100.00	1.44	151.46	3099.49	100.00	-17.78	25.89 S	16.34 E	30.62@	147.74	0.60
3200.00	0.89	159.47	3199.47	100.00	-18.76	27.72 S	17.22 E	32.63@	148.16	0.57
3300.00	0.89	163.16	3299.46	100.00	-19.34	29.19 S	17.71 E	34.14@	148.75	0.06
3400.00	0.89	166.85	3399.44	100.00	-19.83	30.69 S	18.12 E	35.64@	149.45	0.06
3500.00	0.91	165.11	3499.43	100.00	-20.29	32.21 S	18.50 E	37.15@	150.14	0.03
3600.00	0.93	163.37	3599.42	100.00	-20.82	33.76 S	18.93 E	38.70@	150.72	0.03
3700.00	0.77	168.01	3699.41	100.00	-21.27	35.19 S	19.30 E	40.14@	151.25	0.17
3800.00	0.62	172.64	3799.40	100.00	-21.54	36.39 S	19.51 E	41.29@	151.80	0.16
3900.00	0.58	185.88	3899.40	100.00	-21.62	37.43 S	19.53 E	42.22@	152.44	0.14
4000.00	0.55	199.11	3999.39	100.00	-21.47	38.38 S	19.32 E	42.97@	153.28	0.13
4100.00	0.64	203.11	4099.39	100.00	-21.15	39.35 S	18.94 E	43.67@	154.29	0.10
4200.00	0.74	207.10	4199.38	100.00	-20.69	40.44 S	18.43 E	44.44@	155.50	0.11
4300.00	0.61	199.29	4299.37	100.00	-20.29	41.52 S	17.96 E	45.24@	156.61	0.16
4400.00	0.48	191.49	4399.37	100.00	-20.08	42.43 S	17.70 E	45.98@	157.35	0.15
4500.00	0.56	204.93	4499.36	100.00	-19.84	43.28 S	17.41 E	46.66@	158.09	0.14
4600.00	0.63	218.38	4599.36	100.00	-19.34	44.16 S	16.87 E	47.27@	159.10	0.16
4700.00	0.62	226.39	4699.35	100.00	-18.66	44.96 S	16.13 E	47.77@	160.26	0.09
4800.00	0.62	234.41	4799.35	100.00	-17.86	45.65 S	15.30 E	48.15@	161.47	0.09
4900.00	0.59	214.87	4899.34	100.00	-17.17	46.39 S	14.57 E	48.62@	162.57	0.21
5000.00	0.57	195.34	4999.34	100.00	-16.80	47.29 S	14.14 E	49.36@	163.35	0.20

PathFinder Energy Services, Inc.

Survey Report

XTO ENERGY
NASH UNIT 57H
EDDY COUNTY, NM
RIG:Pioneer 33

Page 03/08

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
5100.00	0.63	201.30	5099.33	100.00	-16.52	48.28 S	13.81 E	50.22@	164.04	0.09
5200.00	0.69	207.27	5199.32	100.00	-16.11	49.33 S	13.33 E	51.10@	164.87	0.09
5300.00	0.73	206.41	5299.32	100.00	-15.61	50.43 S	12.77 E	52.03@	165.79	0.04
5400.00	0.78	205.55	5399.31	100.00	-15.10	51.62 S	12.20 E	53.04@	166.71	0.05
5500.00	0.76	213.76	5499.30	100.00	-14.51	52.78 S	11.54 E	54.03@	167.67	0.11
5600.00	0.74	221.97	5599.29	100.00	-13.77	53.82 S	10.73 E	54.88@	168.72	0.11
5700.00	0.78	217.05	5699.28	100.00	-12.99	54.84 S	9.89 E	55.73@	169.77	0.08
5800.00	0.81	212.14	5799.27	100.00	-12.27	55.98 S	9.11 E	56.72@	170.76	0.08
5900.00	0.75	209.91	5899.26	100.00	-11.63	57.15 S	8.40 E	57.76@	171.63	0.07
6000.00	0.69	207.67	5999.25	100.00	-11.09	58.25 S	7.80 E	58.77@	172.37	0.07
** TIED INTO VAUGHN ENERGY SERVICES GYROSCOPIC SURVEY @ 6056'MD.										
6056.00	0.65	189.40	6055.25	56.00	-10.91	58.86 S	7.59 E	59.35@	172.65	0.39
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
6083.00	0.62	182.61	6082.25	27.00	-10.90	59.16 S	7.56 E	59.64@	172.72	0.30
6114.00	0.35	215.63	6113.25	31.00	-10.85	59.40 S	7.50 E	59.87@	172.81	1.22
6145.00	2.11	313.96	6144.24	31.00	-10.37	59.08 S	7.03 E	59.50@	173.21	7.06
6175.00	4.92	318.77	6174.18	30.00	-9.05	57.73 S	5.78 E	58.02@	174.28	9.41
6207.00	8.27	318.63	6205.96	32.00	-6.47	54.97 S	3.36 E	55.07@	176.50	10.47
6238.00	11.43	315.80	6236.50	31.00	-2.64	51.10 S	0.26 W	51.10@	180.29	10.31
6268.00	14.86	310.75	6265.71	30.00	2.60	46.45 S	5.25 W	46.75@	186.44	12.05
6299.00	18.38	308.66	6295.41	31.00	9.74	40.80 S	12.08 W	42.55@	196.49	11.52
6330.00	21.54	307.26	6324.55	31.00	18.45	34.30 S	20.42 W	39.92@	210.77	10.31
6362.00	24.09	305.65	6354.04	32.00	28.83	26.94 S	30.41 W	40.62@	228.46	8.20
6393.00	26.29	303.68	6382.09	31.00	40.10	19.44 S	41.26 W	45.61@	244.77	7.59
6424.00	28.93	301.56	6409.56	31.00	52.62	11.71 S	53.37 W	54.64@	257.63	9.09
6455.00	31.39	299.09	6436.36	31.00	66.49	3.86 S	66.81 W	66.93@	266.70	8.89
6486.00	33.24	297.02	6462.56	31.00	81.53	3.93 N	81.44 W	81.53@	272.76	6.95

PathFinder Energy Services, Inc.

Survey Report

XTO ENERGY
NASH UNIT 57H
EDDY COUNTY, NM
RIG:Pioneer 33

Page 04/08

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
6517.00	35.53	294.51	6488.15	31.00	97.70	11.53 N	97.21 W	97.89@	276.76	8.69
6548.00	37.99	293.91	6512.98	31.00	115.03	19.13 N	114.13 W	115.72@	279.52	8.02
6579.00	40.80	293.87	6536.93	31.00	133.44	27.10 N	132.12 W	134.87@	281.59	9.07
6610.00	43.53	293.57	6559.91	31.00	152.93	35.47 N	151.17 W	155.27@	283.20	8.83
6641.00	45.46	292.46	6582.02	31.00	173.38	43.96 N	171.16 W	176.72@	284.40	6.71
6672.00	46.87	292.03	6603.49	31.00	194.52	52.42 N	191.86 W	198.89@	285.28	4.66
6703.00	48.80	290.36	6624.30	31.00	216.38	60.72 N	213.28 W	221.76@	285.89	7.40
6734.00	51.00	288.14	6644.27	31.00	239.17	68.53 N	235.67 W	245.43@	286.21	8.96
6765.00	53.64	285.43	6663.22	31.00	263.02	75.61 N	259.15 W	269.96@	286.26	10.97
6796.00	56.45	283.36	6680.98	31.00	287.95	81.91 N	283.76 W	295.35@	286.10	10.59
6827.00	60.06	281.68	6697.29	31.00	313.96	87.62 N	309.49 W	321.66@	285.81	12.52
6857.00	63.31	282.38	6711.51	30.00	340.06	93.13 N	335.32 W	348.01@	285.52	11.03
6888.00	65.60	282.12	6724.88	31.00	367.68	99.06 N	362.65 W	375.94@	285.28	7.43
6919.00	67.09	281.99	6737.32	31.00	395.74	104.99 N	390.42 W	404.29@	285.05	4.82
6950.00	69.29	281.26	6748.84	31.00	424.21	110.79 N	418.61 W	433.02@	284.82	7.43
6981.00	71.40	279.56	6759.26	31.00	453.18	116.06 N	447.32 W	462.13@	284.54	8.54
7012.00	73.95	278.14	6768.49	31.00	482.63	120.61 N	476.56 W	491.58@	284.20	9.32
7043.00	76.41	276.47	6776.42	31.00	512.52	124.42 N	506.28 W	521.34@	283.81	9.49
7074.00	79.32	274.95	6782.94	31.00	542.79	127.43 N	536.43 W	551.36@	283.36	10.54
7105.00	82.31	274.90	6787.89	31.00	573.38	130.06 N	566.92 W	581.64@	282.92	9.65
7136.00	85.38	274.17	6791.21	31.00	604.19	132.49 N	597.64 W	612.15@	282.50	10.18
7163.00	87.58	273.94	6792.87	27.00	631.13	134.40 N	624.52 W	638.82@	282.14	8.19
7250.00	88.90	273.20	6795.54	87.00	718.09	139.81 N	711.31 W	724.92@	281.12	1.74
7282.00	89.25	272.13	6796.06	32.00	750.08	141.30 N	743.27 W	756.58@	280.76	3.52
7314.00	89.34	271.80	6796.45	32.00	782.07	142.40 N	775.25 W	788.21@	280.41	1.07
7345.00	90.04	271.08	6796.62	31.00	813.06	143.18 N	806.24 W	818.85@	280.07	3.24
7377.00	90.31	270.38	6796.52	32.00	845.02	143.58 N	838.23 W	850.44@	279.72	2.35

PathFinder Energy Services, Inc.

Survey Report

XTO ENERGY
NASH UNIT 57H
EDDY COUNTY, NM
RIG: Pioneer 33

Page 05/08

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
7409.00	90.48	270.56	6796.30	32.00	876.99	143.85 N	870.23 W	882.04@	279.39	0.77
7441.00	90.66	270.60	6795.98	32.00	908.95	144.17 N	902.23 W	913.67@	279.08	0.58
7472.00	91.01	270.90	6795.53	31.00	939.92	144.58 N	933.22 W	944.35@	278.81	1.49
7567.00	90.92	270.02	6793.93	95.00	1034.79	145.34 N	1028.20 W	1038.42@	278.05	0.93
7662.00	90.66	270.26	6792.62	95.00	1129.64	145.57 N	1123.19 W	1132.59@	277.38	0.37
7756.00	90.84	268.57	6791.39	94.00	1223.42	144.61 N	1217.18 W	1225.74@	276.78	1.81
7788.00	90.57	268.63	6791.00	32.00	1255.31	143.83 N	1249.17 W	1257.42@	276.57	0.86
7820.00	90.84	268.84	6790.60	32.00	1287.21	143.12 N	1281.15 W	1289.12@	276.37	1.07
7851.00	90.57	269.85	6790.22	31.00	1318.13	142.77 N	1312.15 W	1319.89@	276.21	3.37
7883.00	90.92	271.82	6789.80	32.00	1350.10	143.23 N	1344.14 W	1351.75@	276.08	6.25
7915.00	91.36	273.42	6789.17	32.00	1382.09	144.70 N	1376.10 W	1383.69@	276.00	5.18
7946.00	91.19	272.80	6788.48	31.00	1413.08	146.38 N	1407.05 W	1414.64@	275.94	2.07
7978.00	90.75	271.18	6787.94	32.00	1445.07	147.49 N	1439.02 W	1446.56@	275.85	5.24
8010.00	90.40	271.16	6787.62	32.00	1477.05	148.14 N	1471.01 W	1478.46@	275.75	1.09
8041.00	90.48	271.31	6787.38	31.00	1508.03	148.81 N	1502.01 W	1509.36@	275.66	0.55
8073.00	90.31	271.47	6787.16	32.00	1540.01	149.59 N	1534.00 W	1541.27@	275.57	0.73
8105.00	90.04	270.63	6787.06	32.00	1571.99	150.17 N	1565.99 W	1573.18@	275.48	2.76
8136.00	89.96	270.75	6787.06	31.00	1602.95	150.55 N	1596.99 W	1604.07@	275.39	0.46
8168.00	90.04	272.33	6787.06	32.00	1634.94	151.41 N	1628.98 W	1636.00@	275.31	4.94
8200.00	91.19	272.55	6786.72	32.00	1666.93	152.77 N	1660.94 W	1667.96@	275.26	3.66
8231.00	91.54	272.91	6785.98	31.00	1697.92	154.25 N	1691.90 W	1698.92@	275.21	1.62
8263.00	91.54	273.16	6785.12	32.00	1729.91	155.94 N	1723.84 W	1730.88@	275.17	0.78
8295.00	91.19	273.27	6784.35	32.00	1761.90	157.73 N	1755.78 W	1762.86@	275.13	1.15
8326.00	91.10	271.27	6783.74	31.00	1792.89	158.96 N	1786.75 W	1793.81@	275.08	6.46
8358.00	90.40	270.25	6783.32	32.00	1824.86	159.38 N	1818.75 W	1825.72@	275.01	3.87
8390.00	90.40	270.22	6783.09	32.00	1856.81	159.52 N	1850.75 W	1857.61@	274.93	0.09
8421.00	91.36	270.14	6782.62	31.00	1887.76	159.61 N	1881.74 W	1888.50@	274.85	3.11

PathFinder Energy Services, Inc.

Survey Report

XTO ENERGY
NASH UNIT 57H
EDDY COUNTY, NM
RIG:Pioneer 33

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
8516.00	92.51	272.80	6779.41	95.00	1982.65	162.05 N	1976.65 W	1983.28@	274.69	3.05
8611.00	92.86	272.11	6774.96	95.00	2077.54	166.11 N	2071.45 W	2078.10@	274.58	0.81
8707.00	92.86	273.40	6770.17	96.00	2173.41	170.72 N	2167.22 W	2173.93@	274.50	1.34
8738.00	93.47	273.69	6768.46	31.00	2204.37	172.64 N	2198.11 W	2204.88@	274.49	2.18
8770.00	93.21	274.43	6766.59	32.00	2236.31	174.90 N	2229.98 W	2236.83@	274.48	2.45
8802.00	91.71	275.29	6765.22	32.00	2268.27	177.61 N	2261.83 W	2268.80@	274.49	5.40
8833.00	91.10	276.87	6764.46	31.00	2299.22	180.89 N	2292.65 W	2299.77@	274.51	5.46
8865.00	90.84	275.91	6763.92	32.00	2331.16	184.45 N	2324.45 W	2331.75@	274.54	3.11
8896.00	90.92	275.31	6763.44	31.00	2362.13	187.48 N	2355.29 W	2362.74@	274.55	1.95
8928.00	90.92	275.19	6762.93	32.00	2394.11	190.41 N	2387.15 W	2394.74@	274.56	0.38
8960.00	90.66	274.55	6762.49	32.00	2426.09	193.12 N	2419.04 W	2426.73@	274.56	2.16
8991.00	88.46	271.73	6762.72	31.00	2457.09	194.82 N	2449.98 W	2457.72@	274.55	11.54
9023.00	87.93	270.88	6763.73	32.00	2489.05	195.55 N	2481.96 W	2489.65@	274.50	3.13
9054.00	88.46	271.70	6764.71	31.00	2520.02	196.25 N	2512.94 W	2520.59@	274.47	3.15
9086.00	88.55	271.05	6765.54	32.00	2551.99	197.01 N	2544.92 W	2552.53@	274.43	2.05
9118.00	88.72	270.56	6766.30	32.00	2583.95	197.46 N	2576.90 W	2584.46@	274.38	1.62
9149.00	88.64	270.31	6767.02	31.00	2614.91	197.70 N	2607.89 W	2615.38@	274.34	0.85
9181.00	89.52	270.98	6767.53	32.00	2646.87	198.06 N	2639.89 W	2647.31@	274.29	3.46
9212.00	90.75	272.21	6767.46	31.00	2677.86	198.92 N	2670.87 W	2678.27@	274.26	5.61
9244.00	90.22	271.58	6767.19	32.00	2709.85	199.98 N	2702.86 W	2710.24@	274.23	2.57
9276.00	90.22	271.36	6767.07	32.00	2741.83	200.80 N	2734.84 W	2742.21@	274.20	0.69
9308.00	89.60	270.46	6767.12	32.00	2773.80	201.31 N	2766.84 W	2774.15@	274.16	3.42
9339.00	89.96	270.04	6767.24	31.00	2804.76	201.44 N	2797.84 W	2805.08@	274.12	1.78
9371.00	90.66	270.93	6767.06	32.00	2836.72	201.72 N	2829.84 W	2837.02@	274.08	3.54
9403.00	91.36	270.50	6766.50	32.00	2868.68	202.11 N	2861.83 W	2868.96@	274.04	2.57
9435.00	92.07	270.74	6765.54	32.00	2900.64	202.46 N	2893.81 W	2900.89@	274.00	2.34
9466.00	92.59	270.55	6764.28	31.00	2931.58	202.81 N	2924.78 W	2931.81@	273.97	1.79