

30 015 42752



Job Number: RDS 15-33
Company: RKI Exploration
Lease/Well: RDX Fed 17-26H
Location: 17-26S-30E
Rig Name: Silver Oak 14
State/County: New Mexico/ Eddy County
Country: USA

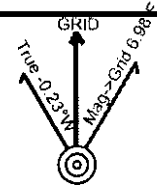
Elev. GL: 0.00 ft **RKB:** 0.00 ft
System: US State Plane 1983
Group: New Mexico Eastern Zone
Datum: GRS80
Mag. Decl.: 7.21° (C:\HawkEye\IGRF2005.MIF)
Grid Conv.: 0.23012 E
Date: Monday, October 12, 2015



752

Provide signature page for Survey

Calculated by HawkEye Software
 Minimum Curvature Method
 Vertical Section Plane 356.32°
 Northing (US ft): 377031.00 Easting (US ft): 675763.30
 Latitude: 32°02'8.8660" N Longitude: -103°53'58.2656" W
 Direction Reference: Grid North



Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS °/100 Ft	Easting (US ft)	Northing (US ft)	UD/NS From-Plan (Ft)	LR/EW From-Plan (Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	675763.30	377031.00	0.00 (N)	0.00 (E)
100.00	0.40	136.60	100.00	-0.25	0.24	-0.27	0.40	675763.54	377030.75	-0.25 (S)	0.24 (E)
200.00	0.30	147.70	200.00	-0.73	0.62	-0.77	0.12	675763.92	377030.27	-0.73 (S)	0.62 (E)
300.00	0.30	153.40	300.00	-1.18	0.88	-1.24	0.03	675764.18	377029.82	-1.18 (S)	0.88 (E)
400.00	0.30	185.60	399.99	-1.68	0.97	-1.74	0.17	675764.27	377029.32	-1.68 (S)	0.97 (E)
500.00	0.70	170.20	499.99	-2.54	1.05	-2.60	0.42	675764.35	377028.46	-2.54 (S)	1.05 (E)
600.00	1.00	164.60	599.98	-3.98	1.38	-4.06	0.31	675764.68	377027.02	-3.98 (S)	1.38 (E)
700.00	1.10	161.10	699.96	-5.73	1.93	-5.85	0.12	675765.23	377025.27	-5.73 (S)	1.93 (E)
800.00	1.30	166.70	799.94	-7.75	2.50	-7.89	0.23	675765.80	377023.25	-7.75 (S)	2.50 (E)
900.00	2.00	172.20	899.90	-10.58	2.99	-10.75	0.72	675766.30	377020.42	-10.58 (S)	2.99 (E)
990.00	2.10	182.90	989.84	-13.78	3.12	-13.95	0.44	675766.43	377017.22	-13.78 (S)	3.12 (E)
1102.00	2.30	190.80	1101.76	-18.04	2.60	-18.17	0.32	675765.90	377012.96	-18.04 (S)	2.60 (E)
1193.00	2.50	201.30	1192.68	-21.68	1.54	-21.74	0.53	675764.84	377009.32	-21.68 (S)	1.54 (E)
1285.00	2.90	209.60	1284.58	-25.57	-0.34	-25.50	0.61	675762.96	377005.43	-25.57 (S)	-0.34 (W)
1376.00	4.10	227.10	1375.41	-29.79	-3.86	-29.48	1.75	675759.44	377001.21	22.43 (U)	-19.52 (L)
1467.00	4.50	239.30	1466.15	-33.83	-9.32	-33.16	1.09	675753.99	376997.17	21.71 (U)	-25.11 (L)
1558.00	4.40	250.70	1556.88	-36.80	-15.68	-35.72	0.98	675747.62	376994.20	18.26 (U)	-29.65 (L)
1652.00	4.70	252.40	1650.59	-39.16	-22.75	-37.62	0.35	675740.55	376991.84	18.30 (U)	-30.17 (L)
1715.00	5.10	251.60	1713.36	-40.82	-27.87	-38.95	0.64	675735.43	376990.18	19.72 (U)	-29.85 (L)
1810.00	6.10	250.80	1807.90	-43.82	-36.64	-41.38	1.06	675726.66	376987.18	22.80 (U)	-29.58 (L)
1904.00	5.90	264.60	1901.39	-45.91	-46.17	-42.86	1.55	675717.13	376985.09	18.42 (U)	-33.84 (L)
1999.00	4.40	277.90	1996.01	-45.87	-54.64	-42.27	2.01	675708.66	376985.13	12.62 (U)	-35.34 (L)
2093.00	4.20	284.90	2089.74	-44.49	-61.54	-40.45	0.60	675701.76	376986.51	9.79 (U)	-33.44 (L)
2188.00	5.20	289.10	2184.42	-42.19	-68.97	-37.68	1.11	675694.33	376988.81	9.86 (U)	-30.26 (L)
2282.00	5.70	276.80	2278.00	-40.24	-77.63	-35.18	1.35	675685.67	376990.76	19.00 (U)	-23.73 (L)
2377.00	6.00	268.80	2372.51	-39.79	-87.28	-34.10	0.91	675676.02	376991.21	25.45 (U)	-18.22 (L)
2471.00	5.10	256.10	2466.07	-40.89	-96.25	-34.63	1.61	675667.05	376990.11	31.26 (U)	-10.59 (L)
2566.00	5.20	246.90	2560.69	-43.60	-104.31	-36.81	0.87	675658.99	376987.40	34.43 (U)	-5.31 (L)
2660.00	6.50	247.80	2654.20	-47.28	-113.15	-39.92	1.39	675650.15	376983.72	37.42 (U)	-6.32 (L)
2755.00	5.80	254.10	2748.65	-50.63	-122.75	-42.64	1.02	675640.55	376980.37	40.04 (U)	-10.64 (L)
2849.00	4.40	253.40	2842.28	-52.96	-130.77	-44.46	1.49	675632.53	376978.04	41.96 (U)	-9.86 (L)
2943.00	4.10	247.90	2936.02	-55.25	-137.34	-46.32	0.54	675625.96	376975.75	43.12 (U)	-5.86 (L)
3038.00	4.60	246.80	3030.74	-58.03	-143.99	-48.67	0.53	675619.31	376972.97	43.83 (U)	-5.49 (L)
3132.00	5.30	246.20	3124.39	-61.27	-151.42	-51.42	0.75	675611.88	376969.73	45.48 (U)	-5.59 (L)
3228.00	5.80	242.60	3219.94	-65.29	-159.79	-54.90	0.63	675603.51	376965.71	48.43 (U)	-3.48 (L)
3323.00	6.70	240.40	3314.38	-70.24	-168.87	-59.25	0.98	675594.43	376960.76	52.41 (U)	-2.71 (L)
3418.00	6.00	248.80	3408.80	-74.77	-178.32	-63.17	1.22	675584.98	376956.23	55.28 (U)	-11.39 (L)
3512.00	4.30	269.90	3502.42	-76.55	-186.42	-64.43	2.68	675576.88	376954.45	49.38 (U)	-30.15 (L)
3607.00	4.70	280.90	3597.13	-75.82	-193.81	-63.23	1.00	675569.50	376955.18	44.36 (U)	-36.41 (L)
3701.00	5.80	284.50	3690.73	-73.90	-202.19	-60.78	1.22	675561.12	376957.10	45.13 (U)	-35.74 (L)
3796.00	7.40	286.80	3785.10	-70.93	-212.69	-57.14	1.71	675550.61	376960.07	49.28 (U)	-33.81 (L)
3890.00	7.50	281.50	3878.31	-67.96	-224.50	-53.41	0.74	675538.80	376963.04	58.74 (U)	-25.28 (L)
3985.00	7.90	278.00	3972.45	-65.82	-237.04	-50.47	0.65	675526.26	376965.18	67.05 (U)	-18.30 (L)
4079.00	7.30	275.60	4065.63	-64.34	-249.38	-48.20	0.72	675513.92	376966.67	74.20 (U)	-12.55 (L)

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS %/100 Ft	Easting (US ft)	Northing (US ft)	UD/NS From-Plan (Ft)	LR/EW From-Plan (Ft)
4174.00	6.30	265.30	4159.96	-64.17	-260.58	-47.32	1.66	675502.72	376966.83	79.94 (U)	3.47 (R)
4269.00	6.40	263.00	4254.38	-65.25	-271.03	-47.72	0.29	675492.27	376965.75	83.78 (U)	8.21 (R)
4363.00	6.20	259.90	4347.81	-66.77	-281.23	-48.59	0.42	675482.07	376964.23	87.04 (U)	13.95 (R)
4459.00	4.40	255.30	4443.40	-68.62	-289.90	-49.87	1.93	675473.41	376962.38	87.77 (U)	21.71 (R)
4554.00	3.80	245.20	4538.15	-70.86	-296.28	-51.70	0.99	675467.02	376960.14	82.77 (U)	36.66 (R)
4648.00	3.30	242.90	4631.97	-73.40	-301.51	-53.90	0.55	675461.79	376957.60	80.58 (U)	39.11 (R)
4743.00	3.00	235.60	4726.83	-76.05	-306.00	-56.26	0.53	675457.30	376954.95	73.79 (U)	47.58 (E)
4837.00	3.30	233.20	4820.69	-79.06	-310.20	-58.99	0.35	675453.11	376951.94	70.67 (N)	48.68 (R)
4932.00	2.70	239.80	4915.56	-81.83	-314.32	-61.48	0.73	675448.98	376949.17	-3.94 (S)	-83.53 (W)
5026.00	2.70	242.40	5009.45	-83.97	-318.19	-63.37	0.13	675445.11	376947.03	-3.98 (S)	-81.19 (W)
5120.00	2.20	241.20	5103.37	-85.86	-321.74	-65.03	0.53	675441.56	376945.14	-3.79 (S)	-78.57 (W)
5215.00	2.30	239.40	5198.29	-87.71	-324.98	-66.67	0.13	675438.33	376943.29	-3.52 (S)	-75.52 (W)
5310.00	2.20	237.90	5293.22	-89.65	-328.16	-68.40	0.12	675435.14	376941.35	-3.35 (S)	-72.44 (W)
5404.00	2.20	225.80	5387.15	-91.87	-330.98	-70.43	0.49	675432.32	376939.14	-3.47 (S)	-69.07 (W)
5499.00	3.70	227.00	5482.02	-95.23	-334.53	-73.56	1.58	675428.77	376935.77	51.76 (U)	41.76 (R)
5593.00	3.60	228.90	5575.83	-99.24	-338.97	-77.27	0.17	675424.33	376931.76	53.04 (U)	37.42 (R)
5688.00	3.70	232.10	5670.64	-103.08	-343.64	-80.81	0.24	675419.66	376927.92	54.83 (U)	32.05 (R)
5782.00	3.10	231.40	5764.48	-106.53	-348.02	-83.97	0.64	675415.28	376924.47	53.85 (U)	30.53 (R)
5877.00	2.70	233.60	5859.35	-109.46	-351.83	-86.65	0.44	675411.47	376921.54	-10.51 (S)	-58.62 (W)
5971.00	2.60	233.60	5953.25	-112.04	-355.33	-89.00	0.11	675407.97	376918.96	-11.09 (S)	-56.20 (W)
6066.00	1.90	265.40	6048.18	-113.44	-358.63	-90.19	1.48	675404.67	376917.56	-11.12 (S)	-55.43 (W)
6160.00	1.80	287.00	6142.13	-113.14	-361.60	-89.69	0.74	675401.70	376917.86	-10.19 (S)	-56.55 (W)
6283.00	1.60	282.20	6265.08	-112.21	-365.12	-88.54	0.20	675398.18	376918.79	-9.21 (S)	-59.92 (W)
6378.00	1.60	272.30	6360.04	-111.87	-367.74	-88.04	0.29	675395.56	376919.13	-8.87 (S)	-62.54 (W)
6472.00	1.40	273.90	6454.01	-111.74	-370.20	-87.75	0.22	675393.10	376919.26	-8.74 (S)	-65.00 (W)
6566.00	1.40	275.10	6547.98	-111.56	-372.49	-87.43	0.03	675390.81	376919.44	-8.56 (S)	-67.29 (W)
6660.00	1.50	279.00	6641.95	-111.27	-374.85	-86.98	0.15	675388.45	376919.73	-8.27 (S)	-69.65 (W)
6754.00	1.10	270.80	6735.93	-111.06	-376.97	-86.64	0.47	675386.33	376919.94	-8.06 (S)	-71.77 (W)
6849.00	1.20	273.50	6830.91	-110.99	-378.87	-86.44	0.12	675384.43	376920.01	-7.99 (S)	-73.67 (W)
6943.00	0.80	262.60	6924.90	-111.02	-380.50	-86.36	0.47	675382.80	376919.99	-8.02 (S)	-75.30 (W)
7038.00	0.90	248.40	7019.88	-111.38	-381.86	-86.64	0.24	675381.45	376919.62	-8.38 (S)	-76.65 (W)
7132.00	1.10	227.10	7113.87	-112.26	-383.20	-87.43	0.45	675380.10	376918.74	-9.26 (S)	-78.00 (W)
7227.00	0.80	224.50	7208.86	-113.36	-384.34	-88.45	0.32	675378.97	376917.65	-10.36 (S)	-79.13 (W)
7321.00	0.80	191.90	7302.85	-114.47	-384.93	-89.52	0.48	675378.37	376916.54	-11.47 (S)	-79.73 (W)
7415.00	0.70	166.70	7396.84	-115.67	-384.93	-90.72	0.36	675378.37	376915.33	-12.67 (S)	-79.73 (W)
7422.00	0.70	157.40	7403.84	-115.75	-384.91	-90.80	1.62	675378.39	376915.25	-12.75 (S)	-79.71 (W)
7509.00	0.90	133.00	7490.83	-116.70	-384.20	-91.80	0.45	675379.10	376914.30	-13.70 (S)	-79.00 (W)
7603.00	0.80	114.60	7584.82	-117.48	-383.07	-92.65	0.31	675380.23	376913.52	-14.48 (S)	-77.87 (W)
7698.00	0.80	91.00	7679.81	-117.77	-381.80	-93.02	0.34	675381.50	376913.23	-14.77 (S)	-76.60 (W)
7793.00	0.70	63.80	7774.81	-117.52	-380.62	-92.85	0.39	675382.68	376913.48	-14.52 (S)	-75.42 (W)
7888.00	0.40	52.40	7869.80	-117.07	-379.83	-92.44	0.33	675383.47	376913.94	-14.07 (S)	-74.63 (W)
7981.00	0.60	329.90	7962.80	-116.45	-379.82	-91.83	0.73	675383.48	376914.55	-13.45 (S)	-74.62 (W)
8075.00	0.50	317.70	8056.79	-115.72	-380.34	-91.07	0.16	675382.96	376915.28	-12.72 (S)	-75.14 (W)
8168.00	1.10	212.30	8149.79	-116.17	-381.09	-91.47	1.42	675382.21	376914.83	-13.17 (S)	-75.89 (W)
8262.00	1.50	205.10	8243.76	-118.05	-382.10	-93.28	0.46	675381.20	376912.95	-15.05 (S)	-76.90 (W)
8357.00	1.00	204.90	8338.74	-119.93	-382.98	-95.10	0.53	675380.33	376911.07	-16.93 (S)	-77.77 (W)
8452.00	0.70	200.70	8433.73	-121.22	-383.53	-96.35	0.32	675379.77	376909.78	-18.22 (S)	-78.33 (W)
8547.00	0.50	218.30	8528.72	-122.09	-383.99	-97.19	0.28	675379.31	376908.91	-19.09 (S)	-78.79 (W)
8641.00	0.70	193.70	8622.72	-122.97	-384.38	-98.04	0.34	675378.92	376908.03	-19.97 (S)	-79.18 (W)
8735.00	0.70	181.70	8716.71	-124.10	-384.53	-99.16	0.16	675378.77	376906.90	-21.10 (S)	-79.33 (W)
8830.00	1.20	158.00	8811.70	-125.60	-384.18	-100.69	0.66	675379.12	376905.40	-22.60 (S)	-78.98 (W)
8924.00	1.10	152.40	8905.68	-127.31	-383.39	-102.44	0.16	675379.91	376903.69	-24.32 (S)	-78.19 (W)
9019.00	1.10	181.10	9000.66	-129.03	-382.99	-104.19	0.57	675380.31	376901.97	-26.04 (S)	-77.79 (W)
9113.00	1.40	167.90	9094.64	-131.06	-382.76	-106.22	0.44	675380.54	376899.94	-28.06 (S)	-77.56 (W)
9207.00	1.30	143.60	9188.62	-133.04	-381.89	-108.26	0.61	675381.41	376897.96	-30.04 (S)	-76.69 (W)
9301.00	1.00	125.50	9282.60	-134.38	-380.59	-109.67	0.50	675382.71	376896.63	-31.38 (S)	-75.39 (W)

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9396.00	1.00	147.00	9377.58	-135.55	-379.46	-110.92	0.39	675383.84	376895.45	-32.55 (S)	-74.26 (W)
9491.00	0.40	96.70	9472.58	-136.29	-378.68	-111.70	0.85	675384.62	376894.71	-33.29 (S)	-73.48 (W)
9585.00	0.60	119.00	9566.57	-136.56	-377.93	-112.02	0.29	675385.37	376894.44	-33.57 (S)	-72.73 (W)
9680.00	1.00	147.60	9661.56	-137.50	-377.05	-113.02	0.58	675386.25	376893.50	-34.51 (S)	-71.85 (W)
9774.00	0.90	154.20	9755.55	-138.86	-376.29	-114.42	0.16	675387.01	376892.14	-35.86 (S)	-71.09 (W)
9869.00	0.90	153.90	9850.54	-140.20	-375.63	-115.80	0.00	675387.67	376890.80	-37.21 (S)	-70.43 (W)
9964.00	0.80	148.70	9945.53	-141.44	-374.96	-117.08	0.13	675388.34	376889.56	-38.44 (S)	-69.76 (W)
10027.00	0.90	156.60	10008.52	-142.27	-374.54	-117.94	0.24	675388.77	376888.73	-39.27 (S)	-69.33 (W)
10033.00	0.80	161.40	10014.52	-142.35	-374.50	-118.02	2.04	675388.80	376888.65	-39.36 (S)	-69.30 (W)
10064.00	1.10	158.40	10045.52	-142.83	-374.32	-118.51	0.98	675388.98	376888.17	-39.84 (S)	-69.12 (W)
10096.00	0.70	116.90	10077.51	-143.21	-374.04	-118.91	2.31	675389.26	376887.79	-40.21 (S)	-68.84 (W)
10127.00	1.40	40.10	10108.51	-143.00	-373.62	-118.73	4.56	675389.68	376888.00	-40.01 (S)	-68.42 (W)
10159.00	3.30	14.80	10140.48	-141.81	-373.14	-117.57	6.63	675390.16	376889.19	-54.98 (D)	-55.77 (L)
10190.00	5.00	11.10	10171.40	-139.63	-372.65	-115.42	5.55	675390.65	376891.37	-49.12 (D)	-59.13 (L)
10222.00	6.70	11.10	10203.23	-136.43	-372.02	-112.27	5.31	675391.28	376894.57	-46.54 (D)	-59.03 (L)
10253.00	8.70	11.10	10233.95	-132.35	-371.22	-108.25	6.45	675392.08	376898.65	-44.41 (D)	-58.66 (L)
10284.00	10.70	11.30	10264.51	-127.23	-370.21	-103.20	6.45	675393.09	376903.77	-42.95 (D)	-57.85 (L)
10315.00	12.90	13.30	10294.85	-121.04	-368.85	-97.11	7.22	675394.45	376909.96	-43.62 (D)	-55.33 (L)
10346.00	14.20	12.70	10324.99	-113.96	-367.21	-90.16	4.22	675396.09	376917.04	-42.32 (D)	-54.29 (L)
10377.00	16.20	9.10	10354.90	-105.98	-365.69	-82.29	7.13	675397.61	376925.02	-39.01 (D)	-55.22 (L)
10409.00	18.20	8.60	10385.47	-96.63	-364.24	-73.05	6.27	675399.06	376934.37	-39.17 (D)	-54.02 (L)
10440.00	20.30	7.60	10414.73	-86.51	-362.81	-63.05	6.86	675400.50	376944.49	-39.42 (D)	-53.10 (L)
10471.00	22.10	8.60	10443.63	-75.41	-361.22	-52.07	5.92	675402.08	376955.59	-41.89 (D)	-50.69 (L)
10502.00	24.10	8.60	10472.15	-63.39	-359.40	-40.19	6.45	675403.90	376967.61	-44.04 (D)	-48.61 (L)
10534.00	26.30	9.30	10501.10	-49.93	-357.28	-26.90	6.94	675406.02	376981.07	-47.19 (D)	-45.69 (L)
10566.00	28.80	10.10	10529.47	-35.34	-354.78	-12.50	7.90	675408.52	376995.66	-50.64 (D)	-42.27 (L)
10597.00	31.80	10.20	10556.23	-19.95	-352.03	2.68	9.68	675411.27	377011.05	-53.54 (D)	-39.18 (L)
10628.00	35.10	10.00	10582.09	-3.13	-349.03	19.28	10.65	675414.27	377027.87	-56.08 (D)	-36.17 (L)
10660.00	38.00	10.10	10607.80	15.63	-345.71	37.79	9.06	675417.60	377046.63	-58.76 (D)	-32.61 (L)
10692.00	41.00	9.60	10632.49	35.68	-342.23	57.58	9.43	675421.07	377066.68	-60.78 (D)	-29.48 (L)
10723.00	43.80	9.00	10655.38	56.31	-338.85	77.94	9.13	675424.45	377087.31	-61.65 (D)	-26.67 (L)
10755.00	46.70	7.90	10677.90	78.79	-335.52	100.16	9.39	675427.78	377109.79	-61.01 (D)	-24.41 (L)
10786.00	49.80	7.10	10698.54	101.72	-332.50	122.85	10.18	675430.80	377132.72	-59.13 (D)	-22.34 (L)
10818.00	52.80	6.40	10718.55	126.51	-329.57	147.41	9.53	675433.73	377157.51	-56.47 (D)	-20.24 (L)
10850.00	55.90	5.60	10737.20	152.37	-326.86	173.04	9.90	675436.44	377183.37	-53.78 (D)	-18.31 (L)
10881.00	59.00	4.80	10753.87	178.39	-324.49	198.85	10.23	675438.81	377209.39	-51.14 (D)	-16.61 (L)
10913.00	62.20	4.10	10769.58	206.18	-322.33	226.45	10.18	675440.97	377237.18	-48.33 (D)	-14.98 (L)
10945.00	65.70	4.00	10783.63	234.85	-320.30	254.93	10.94	675443.00	377265.86	-45.44 (D)	-13.21 (L)
10976.00	69.40	3.60	10795.47	263.44	-318.41	283.33	11.99	675444.89	377294.44	-42.28 (D)	-11.63 (L)
11008.00	72.90	3.80	10805.80	293.65	-316.45	313.36	10.95	675446.85	377324.65	-38.64 (D)	-9.80 (L)
11039.00	76.50	3.70	10813.98	323.49	-314.50	343.00	11.62	675448.80	377354.49	-34.79 (D)	-8.02 (L)
11070.00	79.90	3.20	10820.32	353.77	-312.67	373.11	11.08	675450.63	377384.77	-30.58 (D)	-6.37 (L)
11102.00	83.10	2.30	10825.05	385.38	-311.15	404.56	10.38	675452.15	377416.38	-25.99 (D)	-4.97 (L)
11134.00	86.90	1.40	10827.84	417.23	-310.13	436.28	12.20	675453.17	377448.23	-21.19 (D)	-3.98 (L)
11245.00	92.50	358.70	10828.42	528.18	-310.03	546.99	5.60	675453.27	377559.18	-8.77 (D)	-3.70 (L)
11341.00	93.80	358.90	10823.15	624.01	-312.04	642.75	1.37	675451.26	377655.01	-3.16 (D)	-5.54 (L)
11435.00	92.90	358.70	10817.65	717.83	-314.00	736.50	0.98	675449.30	377748.83	2.35 (U)	-7.34 (L)
11530.00	92.00	358.80	10813.59	812.72	-316.07	831.33	0.95	675447.23	377843.72	6.41 (U)	-9.24 (L)
11625.00	89.50	358.60	10812.35	907.68	-318.23	926.23	2.64	675445.07	377938.68	7.65 (U)	-11.21 (L)
11718.00	90.10	357.40	10812.67	1000.62	-321.47	1019.19	1.44	675441.83	378031.62	7.32 (U)	-14.30 (L)
11813.00	91.20	357.00	10811.60	1095.50	-326.11	1114.17	1.23	675437.19	378126.50	8.40 (U)	-18.78 (L)
11905.00	91.40	357.80	10809.51	1187.38	-330.29	1206.13	0.90	675433.01	378218.38	10.49 (U)	-22.78 (L)
11998.00	90.50	358.40	10807.97	1280.31	-333.37	1299.07	1.16	675429.93	378311.31	12.03 (U)	-25.68 (L)
12090.00	90.20	358.30	10807.40	1372.27	-336.02	1391.01	0.34	675427.28	378403.27	12.59 (U)	-28.16 (L)
12183.00	90.90	357.30	10806.51	1465.20	-339.59	1483.97	1.31	675423.71	378496.20	13.49 (U)	-31.59 (L)
12277.00	90.90	356.20	10805.04	1559.03	-344.92	1577.96	1.17	675418.38	378590.03	14.96 (U)	-36.80 (L)

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS %/100 Ft	Easting (US ft)	Northing (US ft)	UD/NS From-Plan (Ft)	LR/EW From-Plan (Ft)
12371.00	88.50	357.90	10805.53	1652.90	-349.75	1671.94	3.13	675413.55	378683.90	14.48 (U)	-41.38 (L)
12464.00	88.40	357.70	10808.04	1745.79	-353.32	1764.87	0.24	675409.98	378776.80	11.96 (U)	-44.79 (L)
12558.00	88.00	358.20	10811.00	1839.69	-356.68	1858.79	0.68	675406.62	378870.69	9.01 (U)	-47.97 (L)
12651.00	88.40	0.50	10813.92	1932.63	-357.74	1951.61	2.51	675405.56	378963.63	6.08 (U)	-48.84 (L)
12745.00	88.70	359.90	10816.30	2026.60	-357.41	2045.36	0.71	675405.89	379057.60	3.70 (U)	-48.34 (L)
12838.00	89.00	359.10	10818.16	2119.58	-358.22	2138.20	0.92	675405.08	379150.58	1.84 (U)	-48.98 (L)
12932.00	90.70	359.10	10818.41	2213.56	-359.70	2232.08	1.81	675403.60	379244.56	1.59 (U)	-50.29 (L)
13029.00	90.40	0.30	10817.48	2310.55	-360.21	2328.91	1.28	675403.10	379341.55	2.52 (U)	-50.62 (L)
13119.00	88.70	0.60	10818.18	2400.54	-359.50	2418.67	1.92	675403.80	379431.54	1.81 (U)	-49.75 (L)
13214.00	89.50	0.30	10819.68	2495.53	-358.75	2513.41	0.90	675404.55	379526.53	0.32 (U)	-48.82 (L)
13310.00	91.10	0.60	10819.17	2591.52	-358.00	2609.15	1.70	675405.30	379622.52	0.82 (U)	-47.90 (L)
13404.00	89.20	0.80	10818.93	2685.51	-356.85	2702.88	2.03	675406.45	379716.51	1.07 (U)	-46.58 (L)
13499.00	90.00	0.60	10819.59	2780.50	-355.69	2797.59	0.87	675407.61	379811.50	0.41 (U)	-45.24 (L)
13595.00	90.90	0.40	10818.84	2876.49	-354.85	2893.34	0.96	675408.45	379907.49	1.16 (U)	-44.23 (L)
13690.00	91.60	0.10	10816.76	2971.47	-354.44	2988.09	0.80	675408.86	380002.47	3.23 (U)	-43.64 (L)
13785.00	91.60	0.70	10814.11	3066.43	-353.77	3082.81	0.63	675409.53	380097.43	5.89 (U)	-42.80 (L)
13879.00	90.70	0.40	10812.23	3160.40	-352.87	3176.53	1.01	675410.43	380191.40	7.77 (U)	-41.72 (L)
13974.00	91.80	359.90	10810.15	3255.38	-352.62	3271.30	1.27	675410.68	380286.38	9.85 (U)	-41.30 (L)
14068.00	93.00	359.80	10806.22	3349.29	-352.87	3365.04	1.28	675410.43	380380.29	13.80 (U)	-41.38 (L)
14163.00	90.90	358.80	10802.98	3444.22	-354.03	3459.85	2.45	675409.27	380475.22	17.02 (U)	-42.37 (L)
14258.00	89.20	358.40	10802.90	3539.19	-356.35	3554.77	1.84	675406.95	380570.19	17.10 (U)	-44.52 (L)
14353.00	89.50	357.50	10803.98	3634.12	-359.75	3649.72	1.00	675403.55	380665.12	16.02 (U)	-47.77 (L)
14448.00	89.90	359.10	10804.48	3729.08	-362.57	3744.66	1.74	675400.73	380760.08	15.52 (U)	-50.38 (L)
14543.00	88.50	359.20	10805.80	3824.06	-363.98	3839.53	1.48	675399.32	380855.06	14.20 (U)	-51.61 (L)
14638.00	88.70	358.90	10808.12	3919.01	-365.55	3934.40	0.38	675397.75	380950.01	11.88 (U)	-53.01 (L)
14733.00	88.70	357.70	10810.28	4013.95	-368.37	4029.31	1.26	675394.93	381044.95	9.72 (U)	-55.69 (L)
14828.00	89.00	357.20	10812.19	4108.83	-372.59	4124.28	0.61	675390.71	381139.83	7.81 (U)	-59.77 (L)
14923.00	91.10	357.80	10812.10	4203.74	-376.74	4219.25	2.30	675386.56	381234.74	7.90 (U)	-63.72 (L)
15018.00	90.40	357.00	10810.86	4298.63	-381.05	4314.22	1.12	675382.25	381329.63	9.14 (U)	-67.90 (L)
15113.00	90.60	355.80	10810.03	4393.44	-387.01	4409.22	1.28	675376.29	381424.44	9.97 (U)	-73.80 (L)
15208.00	91.20	356.10	10808.54	4488.19	-393.72	4504.20	0.71	675369.58	381519.19	11.46 (U)	-80.33 (L)
15304.00	92.50	355.70	10805.44	4583.89	-400.58	4600.15	1.42	675362.72	381614.89	14.57 (U)	-87.10 (L)
15399.00	93.30	355.60	10800.63	4678.49	-407.78	4695.02	0.85	675355.52	381709.49	19.40 (U)	-94.19 (L)
15498.00	94.70	355.10	10793.73	4776.92	-415.78	4793.76	1.50	675347.52	381807.92	26.36 (U)	-102.21 (L)
PTB @ TD											
15550.00	94.70	355.10	10789.47	4828.56	-420.21	4845.57	0.00	675343.09	381859.56	30.63 (U)	-106.58 (L)