

ConocoPhillips MCBU - Permian-Panhandle Gold Data

Planning - NM East State Zone - 3001

ZIA HILLS 19 101H

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Plan: ZIA HILLS 19 101H_WP1

Survey Report - Geographic

27 June, 2017

HOBBS OCD

NOV 27 2017

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Site ZIA HILLS 19 101H					
Site Position:		Northing:	374,660.39 usft	Latitude:	32° 1' 42.88 N
From:	Map	Easting:	689,705.47 usft	Longitude:	103° 43' 16.266 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.32 °

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
50.00	0.00	0.00	50.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
100.00	0.00	0.00	100.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
150.00	0.00	0.00	150.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
200.00	0.00	0.00	200.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
250.00	0.00	0.00	250.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
300.00	0.00	0.00	300.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
350.00	0.00	0.00	350.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
400.00	0.00	0.00	400.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
450.00	0.00	0.00	450.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
500.00	0.00	0.00	500.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
550.00	0.00	0.00	550.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
600.00	0.00	0.00	600.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
650.00	0.00	0.00	650.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
700.00	0.00	0.00	700.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
750.00	0.00	0.00	750.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
800.00	0.00	0.00	800.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
850.00	0.00	0.00	850.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
900.00	0.00	0.00	900.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
950.00	0.00	0.00	950.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,000.00	0.00	0.00	1,000.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,050.00	0.00	0.00	1,050.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,100.00	0.00	0.00	1,100.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,150.00	0.00	0.00	1,150.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,200.00	0.00	0.00	1,200.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,250.00	0.00	0.00	1,250.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,300.00	0.00	0.00	1,300.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,350.00	0.00	0.00	1,350.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,400.00	0.00	0.00	1,400.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,450.00	0.00	0.00	1,450.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,500.00	0.00	0.00	1,500.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,550.00	0.00	0.00	1,550.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,600.00	0.00	0.00	1,600.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,650.00	0.00	0.00	1,650.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,700.00	0.00	0.00	1,700.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,750.00	0.00	0.00	1,750.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,800.00	0.00	0.00	1,800.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,850.00	0.00	0.00	1,850.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,900.00	0.00	0.00	1,900.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
1,950.00	0.00	0.00	1,950.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,000.00	0.00	0.00	2,000.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,050.00	0.00	0.00	2,050.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,100.00	0.00	0.00	2,100.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,150.00	0.00	0.00	2,150.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,200.00	0.00	0.00	2,200.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,250.00	0.00	0.00	2,250.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,300.00	0.00	0.00	2,300.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,350.00	0.00	0.00	2,350.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,400.00	0.00	0.00	2,400.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,450.00	0.00	0.00	2,450.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,500.00	0.00	0.01	2,500.00	0.00	0.00	374,660.39	689,705.47	32° 1' 42.88 N	103° 43' 16.266 W
2,550.00	1.00	252.70	2,550.00	-0.13	-0.42	374,660.26	689,705.05	32° 1' 42.88 N	103° 43' 16.270 W
2,600.00	2.00	252.70	2,599.98	-0.52	-1.67	374,659.87	689,703.80	32° 1' 42.88 N	103° 43' 16.285 W
2,650.00	3.00	252.70	2,649.93	-1.17	-3.75	374,659.22	689,701.72	32° 1' 42.87 N	103° 43' 16.309 W
2,653.57	3.07	252.70	2,653.50	-1.22	-3.93	374,659.16	689,701.54	32° 1' 42.87 N	103° 43' 16.311 W
2,700.00	3.07	252.70	2,699.86	-1.96	-6.30	374,658.42	689,699.16	32° 1' 42.86 N	103° 43' 16.339 W
2,750.00	3.07	252.70	2,749.79	-2.76	-8.86	374,657.63	689,696.60	32° 1' 42.85 N	103° 43' 16.369 W
2,800.00	3.07	252.70	2,799.72	-3.56	-11.42	374,656.83	689,694.05	32° 1' 42.85 N	103° 43' 16.399 W
2,850.00	3.07	252.70	2,849.64	-4.35	-13.98	374,656.03	689,691.49	32° 1' 42.84 N	103° 43' 16.428 W
2,900.00	3.07	252.70	2,899.57	-5.15	-16.54	374,655.24	689,688.93	32° 1' 42.83 N	103° 43' 16.458 W

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
2,950.00	3.07	252.70	2,949.50	-5.95	-19.09	374,654.44	689,686.37	32° 1' 42.82 N	103° 43' 16.488 W
3,000.00	3.07	252.70	2,999.43	-6.75	-21.65	374,653.64	689,683.82	32° 1' 42.82 N	103° 43' 16.518 W
3,050.00	3.07	252.70	3,049.36	-7.54	-24.21	374,652.85	689,681.26	32° 1' 42.81 N	103° 43' 16.547 W
3,100.00	3.07	252.70	3,099.29	-8.34	-26.77	374,652.05	689,678.70	32° 1' 42.80 N	103° 43' 16.577 W
3,150.00	3.07	252.70	3,149.21	-9.14	-29.32	374,651.25	689,676.14	32° 1' 42.79 N	103° 43' 16.607 W
3,200.00	3.07	252.70	3,199.14	-9.93	-31.88	374,650.46	689,673.58	32° 1' 42.79 N	103° 43' 16.637 W
3,250.00	3.07	252.70	3,249.07	-10.73	-34.44	374,649.66	689,671.03	32° 1' 42.78 N	103° 43' 16.666 W
3,300.00	3.07	252.70	3,299.00	-11.53	-37.00	374,648.86	689,668.47	32° 1' 42.77 N	103° 43' 16.696 W
3,350.00	3.07	252.70	3,348.93	-12.32	-39.56	374,648.07	689,665.91	32° 1' 42.76 N	103° 43' 16.726 W
3,400.00	3.07	252.70	3,398.85	-13.12	-42.11	374,647.27	689,663.35	32° 1' 42.75 N	103° 43' 16.756 W
3,450.00	3.07	252.70	3,448.78	-13.92	-44.67	374,646.47	689,660.80	32° 1' 42.75 N	103° 43' 16.785 W
3,500.00	3.07	252.70	3,498.71	-14.71	-47.23	374,645.67	689,658.24	32° 1' 42.74 N	103° 43' 16.815 W
3,550.00	3.07	252.70	3,548.64	-15.51	-49.79	374,644.88	689,655.68	32° 1' 42.73 N	103° 43' 16.845 W
3,600.00	3.07	252.70	3,598.57	-16.31	-52.34	374,644.08	689,653.12	32° 1' 42.72 N	103° 43' 16.875 W
3,650.00	3.07	252.70	3,648.50	-17.10	-54.90	374,643.28	689,650.57	32° 1' 42.72 N	103° 43' 16.904 W
3,700.00	3.07	252.70	3,698.42	-17.90	-57.46	374,642.49	689,648.01	32° 1' 42.71 N	103° 43' 16.934 W
3,750.00	3.07	252.70	3,748.35	-18.70	-60.02	374,641.69	689,645.45	32° 1' 42.70 N	103° 43' 16.964 W
3,800.00	3.07	252.70	3,798.28	-19.50	-62.58	374,640.89	689,642.89	32° 1' 42.69 N	103° 43' 16.994 W
3,850.00	3.07	252.70	3,848.21	-20.29	-65.13	374,640.10	689,640.34	32° 1' 42.68 N	103° 43' 17.024 W
3,900.00	3.07	252.70	3,898.14	-21.09	-67.69	374,639.30	689,637.78	32° 1' 42.68 N	103° 43' 17.053 W
3,950.00	3.07	252.70	3,948.06	-21.89	-70.25	374,638.50	689,635.22	32° 1' 42.67 N	103° 43' 17.083 W
4,000.00	3.07	252.70	3,997.99	-22.68	-72.81	374,637.71	689,632.66	32° 1' 42.66 N	103° 43' 17.113 W
4,050.00	3.07	252.70	4,047.92	-23.48	-75.36	374,636.91	689,630.10	32° 1' 42.65 N	103° 43' 17.143 W
4,100.00	3.07	252.70	4,097.85	-24.28	-77.92	374,636.11	689,627.55	32° 1' 42.65 N	103° 43' 17.172 W
4,150.00	3.07	252.70	4,147.78	-25.07	-80.48	374,635.32	689,624.99	32° 1' 42.64 N	103° 43' 17.202 W
4,200.00	3.07	252.70	4,197.71	-25.87	-83.04	374,634.52	689,622.43	32° 1' 42.63 N	103° 43' 17.232 W
4,250.00	3.07	252.70	4,247.63	-26.67	-85.60	374,633.72	689,619.87	32° 1' 42.62 N	103° 43' 17.262 W
4,300.00	3.07	252.70	4,297.56	-27.46	-88.15	374,632.93	689,617.32	32° 1' 42.61 N	103° 43' 17.291 W
4,350.00	3.07	252.70	4,347.49	-28.26	-90.71	374,632.13	689,614.76	32° 1' 42.61 N	103° 43' 17.321 W
4,400.00	3.07	252.70	4,397.42	-29.06	-93.27	374,631.33	689,612.20	32° 1' 42.60 N	103° 43' 17.351 W
4,450.00	3.07	252.70	4,447.35	-29.86	-95.83	374,630.53	689,609.64	32° 1' 42.59 N	103° 43' 17.381 W
4,500.00	3.07	252.70	4,497.27	-30.65	-98.38	374,629.74	689,607.09	32° 1' 42.58 N	103° 43' 17.410 W
4,550.00	3.07	252.70	4,547.20	-31.45	-100.94	374,628.94	689,604.53	32° 1' 42.58 N	103° 43' 17.440 W
4,600.00	3.07	252.70	4,597.13	-32.25	-103.50	374,628.14	689,601.97	32° 1' 42.57 N	103° 43' 17.470 W
4,650.00	3.07	252.70	4,647.06	-33.04	-106.06	374,627.35	689,599.41	32° 1' 42.56 N	103° 43' 17.500 W
4,700.00	3.07	252.70	4,696.99	-33.84	-108.62	374,626.55	689,596.85	32° 1' 42.55 N	103° 43' 17.529 W
4,750.00	3.07	252.70	4,746.92	-34.64	-111.17	374,625.75	689,594.30	32° 1' 42.55 N	103° 43' 17.559 W
4,800.00	3.07	252.70	4,796.84	-35.43	-113.73	374,624.96	689,591.74	32° 1' 42.54 N	103° 43' 17.589 W
4,850.00	3.07	252.70	4,846.77	-36.23	-116.29	374,624.16	689,589.18	32° 1' 42.53 N	103° 43' 17.619 W
4,900.00	3.07	252.70	4,896.70	-37.03	-118.85	374,623.36	689,586.62	32° 1' 42.52 N	103° 43' 17.649 W
4,950.00	3.07	252.70	4,946.63	-37.82	-121.40	374,622.57	689,584.07	32° 1' 42.51 N	103° 43' 17.678 W
5,000.00	3.07	252.70	4,996.56	-38.62	-123.96	374,621.77	689,581.51	32° 1' 42.51 N	103° 43' 17.708 W
5,050.00	3.07	252.70	5,046.48	-39.42	-126.52	374,620.97	689,578.95	32° 1' 42.50 N	103° 43' 17.738 W
5,100.00	3.07	252.70	5,096.41	-40.21	-129.08	374,620.18	689,576.39	32° 1' 42.49 N	103° 43' 17.768 W
5,150.00	3.07	252.70	5,146.34	-41.01	-131.64	374,619.38	689,573.84	32° 1' 42.48 N	103° 43' 17.797 W
5,200.00	3.07	252.70	5,196.27	-41.81	-134.19	374,618.58	689,571.28	32° 1' 42.48 N	103° 43' 17.827 W
5,250.00	3.07	252.70	5,246.20	-42.61	-136.75	374,617.79	689,568.72	32° 1' 42.47 N	103° 43' 17.857 W
5,300.00	3.07	252.70	5,296.12	-43.40	-139.31	374,616.99	689,566.16	32° 1' 42.46 N	103° 43' 17.887 W
5,350.00	3.07	252.70	5,346.05	-44.20	-141.87	374,616.19	689,563.61	32° 1' 42.45 N	103° 43' 17.916 W
5,400.00	3.07	252.70	5,395.98	-45.00	-144.43	374,615.39	689,561.05	32° 1' 42.44 N	103° 43' 17.946 W
5,450.00	3.07	252.70	5,445.91	-45.79	-146.98	374,614.60	689,558.49	32° 1' 42.44 N	103° 43' 17.976 W
5,500.00	3.07	252.70	5,495.84	-46.59	-149.54	374,613.80	689,555.93	32° 1' 42.43 N	103° 43' 18.006 W
5,550.00	3.07	252.70	5,545.77	-47.39	-152.10	374,613.00	689,553.37	32° 1' 42.42 N	103° 43' 18.035 W
5,600.00	3.07	252.70	5,595.69	-48.18	-154.66	374,612.21	689,550.82	32° 1' 42.41 N	103° 43' 18.065 W
5,650.00	3.07	252.70	5,645.62	-48.98	-157.21	374,611.41	689,548.26	32° 1' 42.41 N	103° 43' 18.095 W
5,700.00	3.07	252.70	5,695.55	-49.78	-159.77	374,610.61	689,545.70	32° 1' 42.40 N	103° 43' 18.125 W
5,750.00	3.07	252.70	5,745.48	-50.57	-162.33	374,609.82	689,543.14	32° 1' 42.39 N	103° 43' 18.155 W
5,800.00	3.07	252.70	5,795.41	-51.37	-164.89	374,609.02	689,540.59	32° 1' 42.38 N	103° 43' 18.184 W
5,850.00	3.07	252.70	5,845.33	-52.17	-167.45	374,608.22	689,538.03	32° 1' 42.37 N	103° 43' 18.214 W
5,900.00	3.07	252.70	5,895.26	-52.96	-170.00	374,607.43	689,535.47	32° 1' 42.37 N	103° 43' 18.244 W
5,950.00	3.07	252.70	5,945.19	-53.76	-172.56	374,606.63	689,532.91	32° 1' 42.36 N	103° 43' 18.274 W
6,000.00	3.07	252.70	5,995.12	-54.56	-175.12	374,605.83	689,530.36	32° 1' 42.35 N	103° 43' 18.303 W
6,050.00	3.07	252.70	6,045.05	-55.36	-177.68	374,605.04	689,527.80	32° 1' 42.34 N	103° 43' 18.333 W
6,100.00	3.07	252.70	6,094.98	-56.15	-180.23	374,604.24	689,525.24	32° 1' 42.34 N	103° 43' 18.363 W
6,150.00	3.07	252.70	6,144.90	-56.95	-182.79	374,603.44	689,522.68	32° 1' 42.33 N	103° 43' 18.393 W
6,200.00	3.07	252.70	6,194.83	-57.75	-185.35	374,602.65	689,520.12	32° 1' 42.32 N	103° 43' 18.422 W
6,250.00	3.07	252.70	6,244.76	-58.54	-187.91	374,601.85	689,517.57	32° 1' 42.31 N	103° 43' 18.452 W

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,300.00	3.07	252.70	6,294.69	-59.34	-190.47	374,601.05	689,515.01	32° 1' 42.31 N	103° 43' 18.482 W
6,350.00	3.07	252.70	6,344.62	-60.14	-193.02	374,600.25	689,512.45	32° 1' 42.30 N	103° 43' 18.512 W
6,400.00	3.07	252.70	6,394.54	-60.93	-195.58	374,599.46	689,509.89	32° 1' 42.29 N	103° 43' 18.541 W
6,450.00	3.07	252.70	6,444.47	-61.73	-198.14	374,598.66	689,507.34	32° 1' 42.28 N	103° 43' 18.571 W
6,500.00	3.07	252.70	6,494.40	-62.53	-200.70	374,597.86	689,504.78	32° 1' 42.27 N	103° 43' 18.601 W
6,550.00	3.07	252.70	6,544.33	-63.32	-203.25	374,597.07	689,502.22	32° 1' 42.27 N	103° 43' 18.631 W
6,600.00	3.07	252.70	6,594.26	-64.12	-205.81	374,596.27	689,499.66	32° 1' 42.26 N	103° 43' 18.660 W
6,650.00	3.07	252.70	6,644.19	-64.92	-208.37	374,595.47	689,497.11	32° 1' 42.25 N	103° 43' 18.690 W
6,700.00	3.07	252.70	6,694.11	-65.71	-210.93	374,594.68	689,494.55	32° 1' 42.24 N	103° 43' 18.720 W
6,750.00	3.07	252.70	6,744.04	-66.51	-213.49	374,593.88	689,491.99	32° 1' 42.24 N	103° 43' 18.750 W
6,800.00	3.07	252.70	6,793.97	-67.31	-216.04	374,593.08	689,489.43	32° 1' 42.23 N	103° 43' 18.780 W
6,850.00	3.07	252.70	6,843.90	-68.11	-218.60	374,592.29	689,486.88	32° 1' 42.22 N	103° 43' 18.809 W
6,900.00	3.07	252.70	6,893.83	-68.90	-221.16	374,591.49	689,484.32	32° 1' 42.21 N	103° 43' 18.839 W
6,950.00	3.07	252.70	6,943.75	-69.70	-223.72	374,590.69	689,481.76	32° 1' 42.20 N	103° 43' 18.869 W
7,000.00	3.07	252.70	6,993.68	-70.50	-226.27	374,589.90	689,479.20	32° 1' 42.20 N	103° 43' 18.899 W
7,050.00	3.07	252.70	7,043.61	-71.29	-228.83	374,589.10	689,476.64	32° 1' 42.19 N	103° 43' 18.928 W
7,100.00	3.07	252.70	7,093.54	-72.09	-231.39	374,588.30	689,474.09	32° 1' 42.18 N	103° 43' 18.958 W
7,150.00	3.07	252.70	7,143.47	-72.89	-233.95	374,587.51	689,471.53	32° 1' 42.17 N	103° 43' 18.988 W
7,200.00	3.07	252.70	7,193.40	-73.68	-236.51	374,586.71	689,468.97	32° 1' 42.17 N	103° 43' 19.018 W
7,250.00	3.07	252.70	7,243.32	-74.48	-239.06	374,585.91	689,466.41	32° 1' 42.16 N	103° 43' 19.047 W
7,300.00	3.07	252.70	7,293.25	-75.28	-241.62	374,585.11	689,463.86	32° 1' 42.15 N	103° 43' 19.077 W
7,350.00	3.07	252.70	7,343.18	-76.07	-244.18	374,584.32	689,461.30	32° 1' 42.14 N	103° 43' 19.107 W
7,400.00	3.07	252.70	7,393.11	-76.87	-246.74	374,583.52	689,458.74	32° 1' 42.13 N	103° 43' 19.137 W
7,450.00	3.07	252.70	7,443.04	-77.67	-249.29	374,582.72	689,456.18	32° 1' 42.13 N	103° 43' 19.166 W
7,500.00	3.07	252.70	7,492.96	-78.46	-251.85	374,581.93	689,453.63	32° 1' 42.12 N	103° 43' 19.196 W
7,550.00	3.07	252.70	7,542.89	-79.26	-254.41	374,581.13	689,451.07	32° 1' 42.11 N	103° 43' 19.226 W
7,600.00	3.07	252.70	7,592.82	-80.06	-256.97	374,580.33	689,448.51	32° 1' 42.10 N	103° 43' 19.256 W
7,650.00	3.07	252.70	7,642.75	-80.86	-259.53	374,579.54	689,445.95	32° 1' 42.10 N	103° 43' 19.285 W
7,700.00	3.07	252.70	7,692.68	-81.65	-262.08	374,578.74	689,443.39	32° 1' 42.09 N	103° 43' 19.315 W
7,750.00	3.07	252.70	7,742.61	-82.45	-264.64	374,577.94	689,440.84	32° 1' 42.08 N	103° 43' 19.345 W
7,800.00	3.07	252.70	7,792.53	-83.25	-267.20	374,577.15	689,438.28	32° 1' 42.07 N	103° 43' 19.375 W
7,850.00	3.07	252.70	7,842.46	-84.04	-269.76	374,576.35	689,435.72	32° 1' 42.07 N	103° 43' 19.405 W
7,900.00	3.07	252.70	7,892.39	-84.84	-272.32	374,575.55	689,433.16	32° 1' 42.06 N	103° 43' 19.434 W
7,950.00	3.07	252.70	7,942.32	-85.64	-274.87	374,574.76	689,430.61	32° 1' 42.05 N	103° 43' 19.464 W
8,000.00	3.07	252.70	7,992.25	-86.43	-277.43	374,573.96	689,428.05	32° 1' 42.04 N	103° 43' 19.494 W
8,050.00	3.07	252.70	8,042.17	-87.23	-279.99	374,573.16	689,425.49	32° 1' 42.03 N	103° 43' 19.524 W
8,100.00	3.07	252.70	8,092.10	-88.03	-282.55	374,572.37	689,422.93	32° 1' 42.03 N	103° 43' 19.553 W
8,150.00	3.07	252.70	8,142.03	-88.82	-285.10	374,571.57	689,420.38	32° 1' 42.02 N	103° 43' 19.583 W
8,200.00	3.07	252.70	8,191.96	-89.62	-287.66	374,570.77	689,417.82	32° 1' 42.01 N	103° 43' 19.613 W
8,250.00	3.07	252.70	8,241.89	-90.42	-290.22	374,569.97	689,415.26	32° 1' 42.00 N	103° 43' 19.643 W
8,300.00	3.07	252.70	8,291.82	-91.22	-292.78	374,569.18	689,412.70	32° 1' 42.00 N	103° 43' 19.672 W
8,350.00	3.07	252.70	8,341.74	-92.01	-295.34	374,568.38	689,410.14	32° 1' 41.99 N	103° 43' 19.702 W
8,400.00	3.07	252.70	8,391.67	-92.81	-297.89	374,567.58	689,407.59	32° 1' 41.98 N	103° 43' 19.732 W
8,450.00	3.07	252.70	8,441.60	-93.61	-300.45	374,566.79	689,405.03	32° 1' 41.97 N	103° 43' 19.762 W
8,500.00	3.07	252.70	8,491.53	-94.40	-303.01	374,565.99	689,402.47	32° 1' 41.96 N	103° 43' 19.791 W
8,550.00	3.07	252.70	8,541.46	-95.20	-305.57	374,565.19	689,399.91	32° 1' 41.96 N	103° 43' 19.821 W
8,600.00	3.07	252.70	8,591.38	-96.00	-308.12	374,564.40	689,397.36	32° 1' 41.95 N	103° 43' 19.851 W
8,650.00	3.07	252.70	8,641.31	-96.79	-310.68	374,563.60	689,394.80	32° 1' 41.94 N	103° 43' 19.881 W
8,700.00	3.07	252.70	8,691.24	-97.59	-313.24	374,562.80	689,392.24	32° 1' 41.93 N	103° 43' 19.910 W
8,750.00	3.07	252.70	8,741.17	-98.39	-315.80	374,562.01	689,389.68	32° 1' 41.93 N	103° 43' 19.940 W
8,800.00	3.07	252.70	8,791.10	-99.18	-318.36	374,561.21	689,387.13	32° 1' 41.92 N	103° 43' 19.970 W
8,850.00	3.07	252.70	8,841.03	-99.98	-320.91	374,560.41	689,384.57	32° 1' 41.91 N	103° 43' 20.000 W
8,900.00	3.07	252.70	8,890.95	-100.78	-323.47	374,559.62	689,382.01	32° 1' 41.90 N	103° 43' 20.030 W
8,950.00	3.07	252.70	8,940.88	-101.57	-326.03	374,558.82	689,379.45	32° 1' 41.89 N	103° 43' 20.059 W
9,000.00	3.07	252.70	8,990.81	-102.37	-328.59	374,558.02	689,376.90	32° 1' 41.89 N	103° 43' 20.089 W
9,050.00	3.07	252.70	9,040.74	-103.17	-331.14	374,557.23	689,374.34	32° 1' 41.88 N	103° 43' 20.119 W
9,100.00	3.07	252.70	9,090.67	-103.97	-333.70	374,556.43	689,371.78	32° 1' 41.87 N	103° 43' 20.149 W
9,150.00	3.07	252.70	9,140.59	-104.76	-336.26	374,555.63	689,369.22	32° 1' 41.86 N	103° 43' 20.178 W
9,200.00	3.07	252.70	9,190.52	-105.56	-338.82	374,554.83	689,366.66	32° 1' 41.86 N	103° 43' 20.208 W
9,250.00	3.07	252.70	9,240.45	-106.36	-341.38	374,554.04	689,364.11	32° 1' 41.85 N	103° 43' 20.238 W
9,300.00	3.07	252.70	9,290.38	-107.15	-343.93	374,553.24	689,361.55	32° 1' 41.84 N	103° 43' 20.268 W
9,350.00	3.07	252.70	9,340.31	-107.95	-346.49	374,552.44	689,358.99	32° 1' 41.83 N	103° 43' 20.297 W
9,400.00	3.07	252.70	9,390.24	-108.75	-349.05	374,551.65	689,356.43	32° 1' 41.83 N	103° 43' 20.327 W
9,450.00	3.07	252.70	9,440.16	-109.54	-351.61	374,550.85	689,353.88	32° 1' 41.82 N	103° 43' 20.357 W
9,500.00	3.07	252.70	9,490.09	-110.34	-354.16	374,550.05	689,351.32	32° 1' 41.81 N	103° 43' 20.387 W
9,550.00	3.07	252.70	9,540.02	-111.14	-356.72	374,549.26	689,348.76	32° 1' 41.80 N	103° 43' 20.416 W
9,600.00	3.07	252.70	9,589.95	-111.93	-359.28	374,548.46	689,346.20	32° 1' 41.79 N	103° 43' 20.446 W

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,650.00	3.07	252.70	9,639.88	-112.73	-361.84	374,547.66	689,343.65	32° 1' 41.79 N	103° 43' 20.476 W
9,700.00	3.07	252.70	9,689.80	-113.53	-364.40	374,546.87	689,341.09	32° 1' 41.78 N	103° 43' 20.506 W
9,750.00	3.07	252.70	9,739.73	-114.32	-366.95	374,546.07	689,338.53	32° 1' 41.77 N	103° 43' 20.535 W
9,800.00	3.07	252.70	9,789.66	-115.12	-369.51	374,545.27	689,335.97	32° 1' 41.76 N	103° 43' 20.565 W
9,850.00	3.07	252.70	9,839.59	-115.92	-372.07	374,544.48	689,333.41	32° 1' 41.76 N	103° 43' 20.595 W
9,900.00	3.07	252.70	9,889.52	-116.72	-374.63	374,543.68	689,330.86	32° 1' 41.75 N	103° 43' 20.625 W
9,950.00	3.07	252.70	9,939.45	-117.51	-377.18	374,542.88	689,328.30	32° 1' 41.74 N	103° 43' 20.655 W
10,000.00	3.07	252.70	9,989.37	-118.31	-379.74	374,542.09	689,325.74	32° 1' 41.73 N	103° 43' 20.684 W
10,050.00	3.07	252.70	10,039.30	-119.11	-382.30	374,541.29	689,323.18	32° 1' 41.72 N	103° 43' 20.714 W
10,100.00	3.07	252.70	10,089.23	-119.90	-384.86	374,540.49	689,320.63	32° 1' 41.72 N	103° 43' 20.744 W
10,150.00	3.07	252.70	10,139.16	-120.70	-387.42	374,539.69	689,318.07	32° 1' 41.71 N	103° 43' 20.774 W
10,200.00	3.07	252.70	10,189.09	-121.50	-389.97	374,538.90	689,315.51	32° 1' 41.70 N	103° 43' 20.803 W
10,250.00	3.07	252.70	10,239.01	-122.29	-392.53	374,538.10	689,312.95	32° 1' 41.69 N	103° 43' 20.833 W
10,300.00	3.07	252.70	10,288.94	-123.09	-395.09	374,537.30	689,310.40	32° 1' 41.69 N	103° 43' 20.863 W
10,350.00	3.07	252.70	10,338.87	-123.89	-397.65	374,536.51	689,307.84	32° 1' 41.68 N	103° 43' 20.893 W
10,400.00	3.07	252.70	10,388.80	-124.68	-400.20	374,535.71	689,305.28	32° 1' 41.67 N	103° 43' 20.922 W
10,450.00	3.07	252.70	10,438.73	-125.48	-402.76	374,534.91	689,302.72	32° 1' 41.66 N	103° 43' 20.952 W
10,500.00	3.07	252.70	10,488.66	-126.28	-405.32	374,534.12	689,300.17	32° 1' 41.65 N	103° 43' 20.982 W
10,550.00	3.07	252.70	10,538.58	-127.07	-407.88	374,533.32	689,297.61	32° 1' 41.65 N	103° 43' 21.012 W
10,600.00	3.07	252.70	10,588.51	-127.87	-410.44	374,532.52	689,295.05	32° 1' 41.64 N	103° 43' 21.041 W
10,650.00	3.07	252.70	10,638.44	-128.67	-412.99	374,531.73	689,292.49	32° 1' 41.63 N	103° 43' 21.071 W
10,700.00	3.07	252.70	10,688.37	-129.47	-415.55	374,530.93	689,289.93	32° 1' 41.62 N	103° 43' 21.101 W
10,750.00	3.07	252.70	10,738.30	-130.26	-418.11	374,530.13	689,287.38	32° 1' 41.62 N	103° 43' 21.131 W
10,800.00	3.07	252.70	10,788.22	-131.06	-420.67	374,529.34	689,284.82	32° 1' 41.61 N	103° 43' 21.160 W
10,850.00	3.07	252.70	10,838.15	-131.86	-423.23	374,528.54	689,282.26	32° 1' 41.60 N	103° 43' 21.190 W
10,882.40	3.07	252.70	10,870.50	-132.37	-424.88	374,528.02	689,280.60	32° 1' 41.60 N	103° 43' 21.210 W
10,900.00	2.72	252.70	10,888.08	-132.64	-425.73	374,527.76	689,279.76	32° 1' 41.59 N	103° 43' 21.219 W
10,950.00	1.72	252.70	10,938.05	-133.21	-427.58	374,527.18	689,277.91	32° 1' 41.59 N	103° 43' 21.241 W
11,000.00	0.72	252.70	10,988.03	-133.53	-428.60	374,526.87	689,276.89	32° 1' 41.58 N	103° 43' 21.253 W
11,035.97	0.00	0.01	11,024.00	-133.60	-428.81	374,526.80	689,276.68	32° 1' 41.58 N	103° 43' 21.255 W
11,050.00	0.00	0.00	11,038.03	-133.60	-428.81	374,526.80	689,276.68	32° 1' 41.58 N	103° 43' 21.255 W
11,100.00	0.00	0.00	11,088.03	-133.60	-428.81	374,526.80	689,276.68	32° 1' 41.58 N	103° 43' 21.255 W
11,119.77	0.00	0.00	11,107.80	-133.60	-428.81	374,526.80	689,276.68	32° 1' 41.58 N	103° 43' 21.255 W
11,150.00	2.42	359.64	11,138.02	-132.96	-428.82	374,527.44	689,276.67	32° 1' 41.59 N	103° 43' 21.255 W
11,200.00	6.42	359.64	11,187.86	-129.11	-428.84	374,531.29	689,276.65	32° 1' 41.63 N	103° 43' 21.255 W
11,250.00	10.42	359.64	11,237.32	-121.79	-428.89	374,538.61	689,276.60	32° 1' 41.70 N	103° 43' 21.255 W
11,300.00	14.42	359.64	11,286.14	-111.04	-428.95	374,549.35	689,276.53	32° 1' 41.81 N	103° 43' 21.255 W
11,350.00	18.42	359.64	11,334.09	-96.91	-429.04	374,563.48	689,276.44	32° 1' 41.95 N	103° 43' 21.256 W
11,400.00	22.42	359.64	11,380.94	-79.47	-429.16	374,580.92	689,276.33	32° 1' 42.12 N	103° 43' 21.256 W
11,450.00	26.42	359.64	11,426.45	-58.81	-429.29	374,601.59	689,276.20	32° 1' 42.32 N	103° 43' 21.256 W
11,500.00	30.42	359.64	11,470.42	-35.02	-429.44	374,625.37	689,276.05	32° 1' 42.56 N	103° 43' 21.256 W
11,550.00	34.42	359.64	11,512.62	-8.22	-429.61	374,652.17	689,275.88	32° 1' 42.82 N	103° 43' 21.256 W
11,600.00	38.42	359.64	11,552.85	21.46	-429.80	374,681.85	689,275.69	32° 1' 43.12 N	103° 43' 21.257 W
11,650.00	42.42	359.64	11,590.91	53.87	-430.01	374,714.26	689,275.48	32° 1' 43.44 N	103° 43' 21.257 W
11,700.00	46.42	359.64	11,626.61	88.86	-430.23	374,749.24	689,275.26	32° 1' 43.79 N	103° 43' 21.257 W
11,750.00	50.42	359.64	11,659.79	126.25	-430.47	374,786.63	689,275.02	32° 1' 44.16 N	103° 43' 21.257 W
11,800.00	54.42	359.64	11,690.28	165.87	-430.72	374,826.25	689,274.77	32° 1' 44.55 N	103° 43' 21.258 W
11,850.00	58.42	359.64	11,717.93	207.51	-430.98	374,867.89	689,274.50	32° 1' 44.96 N	103° 43' 21.258 W
11,900.00	62.42	359.64	11,742.61	250.98	-431.26	374,911.36	689,274.23	32° 1' 45.39 N	103° 43' 21.258 W
11,950.00	66.42	359.64	11,764.19	296.07	-431.55	374,956.45	689,273.94	32° 1' 45.84 N	103° 43' 21.259 W
12,000.00	70.42	359.64	11,782.58	342.56	-431.84	375,002.93	689,273.64	32° 1' 46.30 N	103° 43' 21.259 W
12,050.00	74.42	359.64	11,797.68	390.21	-432.15	375,050.58	689,273.34	32° 1' 46.77 N	103° 43' 21.260 W
12,100.00	78.42	359.64	11,809.42	438.80	-432.46	375,099.17	689,273.03	32° 1' 47.25 N	103° 43' 21.260 W
12,150.00	82.42	359.64	11,817.74	488.09	-432.77	375,148.46	689,272.72	32° 1' 47.74 N	103° 43' 21.260 W
12,200.00	86.42	359.64	11,822.60	537.85	-433.09	375,198.21	689,272.40	32° 1' 48.23 N	103° 43' 21.261 W
12,244.77	90.00	359.64	11,824.00	582.59	-433.37	375,242.95	689,272.11	32° 1' 48.67 N	103° 43' 21.261 W
12,250.00	90.00	359.64	11,824.00	587.82	-433.41	375,248.17	689,272.08	32° 1' 48.72 N	103° 43' 21.261 W
12,300.00	90.00	359.64	11,824.00	637.81	-433.72	375,298.17	689,271.76	32° 1' 49.22 N	103° 43' 21.262 W
12,350.00	90.00	359.64	11,824.00	687.81	-434.04	375,348.17	689,271.44	32° 1' 49.71 N	103° 43' 21.262 W
12,400.00	90.00	359.64	11,824.00	737.81	-434.36	375,398.16	689,271.13	32° 1' 50.21 N	103° 43' 21.262 W
12,450.00	90.00	359.64	11,824.00	787.81	-434.68	375,448.16	689,270.81	32° 1' 50.70 N	103° 43' 21.263 W
12,500.00	90.00	359.64	11,824.00	837.81	-435.00	375,498.16	689,270.49	32° 1' 51.20 N	103° 43' 21.263 W
12,550.00	90.00	359.64	11,824.00	887.81	-435.32	375,548.15	689,270.17	32° 1' 51.69 N	103° 43' 21.264 W
12,600.00	90.00	359.64	11,824.00	937.81	-435.64	375,598.15	689,269.85	32° 1' 52.19 N	103° 43' 21.264 W
12,650.00	90.00	359.64	11,824.00	987.81	-435.95	375,648.15	689,269.53	32° 1' 52.68 N	103° 43' 21.265 W
12,700.00	90.00	359.64	11,824.00	1,037.81	-436.27	375,698.14	689,269.22	32° 1' 53.18 N	103° 43' 21.265 W
12,750.00	90.00	359.64	11,824.00	1,087.81	-436.59	375,748.14	689,268.90	32° 1' 53.67 N	103° 43' 21.265 W

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
12,800.00	90.00	359.64	11,824.00	1,137.80	-436.91	375,798.14	689,268.58	32° 1' 54.17 N	103° 43' 21.266 W
12,850.00	90.00	359.64	11,824.00	1,187.80	-437.23	375,848.13	689,268.26	32° 1' 54.66 N	103° 43' 21.266 W
12,900.00	90.00	359.64	11,824.00	1,237.80	-437.55	375,898.13	689,267.94	32° 1' 55.16 N	103° 43' 21.267 W
12,950.00	90.00	359.64	11,824.00	1,287.80	-437.86	375,948.13	689,267.62	32° 1' 55.65 N	103° 43' 21.267 W
13,000.00	90.00	359.64	11,824.00	1,337.80	-438.18	375,998.12	689,267.30	32° 1' 56.14 N	103° 43' 21.267 W
13,050.00	90.00	359.64	11,824.00	1,387.80	-438.50	376,048.12	689,266.99	32° 1' 56.64 N	103° 43' 21.268 W
13,100.00	90.00	359.64	11,824.00	1,437.80	-438.82	376,098.12	689,266.67	32° 1' 57.13 N	103° 43' 21.268 W
13,150.00	90.00	359.64	11,824.00	1,487.80	-439.14	376,148.11	689,266.35	32° 1' 57.63 N	103° 43' 21.269 W
13,200.00	90.00	359.64	11,824.00	1,537.80	-439.46	376,198.11	689,266.03	32° 1' 58.12 N	103° 43' 21.269 W
13,250.00	90.00	359.64	11,824.00	1,587.80	-439.77	376,248.10	689,265.71	32° 1' 58.62 N	103° 43' 21.270 W
13,300.00	90.00	359.64	11,824.00	1,637.79	-440.09	376,298.10	689,265.39	32° 1' 59.11 N	103° 43' 21.270 W
13,350.00	90.00	359.64	11,824.00	1,687.79	-440.41	376,348.10	689,265.08	32° 1' 59.61 N	103° 43' 21.270 W
13,400.00	90.00	359.64	11,824.00	1,737.79	-440.73	376,398.09	689,264.76	32° 2' 0.10 N	103° 43' 21.271 W
13,450.00	90.00	359.64	11,824.00	1,787.79	-441.05	376,448.09	689,264.44	32° 2' 0.60 N	103° 43' 21.271 W
13,500.00	90.00	359.64	11,824.00	1,837.79	-441.37	376,498.09	689,264.12	32° 2' 1.09 N	103° 43' 21.272 W
13,550.00	90.00	359.64	11,824.00	1,887.79	-441.69	376,548.08	689,263.80	32° 2' 1.59 N	103° 43' 21.272 W
13,600.00	90.00	359.64	11,824.00	1,937.79	-442.00	376,598.08	689,263.48	32° 2' 2.08 N	103° 43' 21.272 W
13,650.00	90.00	359.64	11,824.00	1,987.79	-442.32	376,648.08	689,263.17	32° 2' 2.58 N	103° 43' 21.273 W
13,700.00	90.00	359.64	11,824.00	2,037.79	-442.64	376,698.07	689,262.85	32° 2' 3.07 N	103° 43' 21.273 W
13,750.00	90.00	359.64	11,824.00	2,087.79	-442.96	376,748.07	689,262.53	32° 2' 3.57 N	103° 43' 21.274 W
13,800.00	90.00	359.64	11,824.00	2,137.78	-443.28	376,798.07	689,262.21	32° 2' 4.06 N	103° 43' 21.274 W
13,850.00	90.00	359.64	11,824.00	2,187.78	-443.60	376,848.06	689,261.89	32° 2' 4.56 N	103° 43' 21.275 W
13,900.00	90.00	359.64	11,824.00	2,237.78	-443.91	376,898.06	689,261.57	32° 2' 5.05 N	103° 43' 21.275 W
13,950.00	90.00	359.64	11,824.00	2,287.78	-444.23	376,948.06	689,261.25	32° 2' 5.55 N	103° 43' 21.275 W
14,000.00	90.00	359.64	11,824.00	2,337.78	-444.55	376,998.05	689,260.94	32° 2' 6.04 N	103° 43' 21.276 W
14,050.00	90.00	359.64	11,824.00	2,387.78	-444.87	377,048.05	689,260.62	32° 2' 6.54 N	103° 43' 21.276 W
14,100.00	90.00	359.64	11,824.00	2,437.78	-445.19	377,098.05	689,260.30	32° 2' 7.03 N	103° 43' 21.277 W
14,150.00	90.00	359.64	11,824.00	2,487.78	-445.51	377,148.04	689,259.98	32° 2' 7.52 N	103° 43' 21.277 W
14,200.00	90.00	359.64	11,824.00	2,537.78	-445.83	377,198.04	689,259.66	32° 2' 8.02 N	103° 43' 21.277 W
14,250.00	90.00	359.64	11,824.00	2,587.77	-446.14	377,248.03	689,259.34	32° 2' 8.51 N	103° 43' 21.278 W
14,300.00	90.00	359.64	11,824.00	2,637.77	-446.46	377,298.03	689,259.03	32° 2' 9.01 N	103° 43' 21.278 W
14,350.00	90.00	359.64	11,824.00	2,687.77	-446.78	377,348.03	689,258.71	32° 2' 9.50 N	103° 43' 21.279 W
14,400.00	90.00	359.64	11,824.00	2,737.77	-447.10	377,398.02	689,258.39	32° 2' 10.00 N	103° 43' 21.279 W
14,450.00	90.00	359.64	11,824.00	2,787.77	-447.42	377,448.02	689,258.07	32° 2' 10.49 N	103° 43' 21.280 W
14,500.00	90.00	359.64	11,824.00	2,837.77	-447.74	377,498.02	689,257.75	32° 2' 10.99 N	103° 43' 21.280 W
14,550.00	90.00	359.64	11,824.00	2,887.77	-448.05	377,548.01	689,257.43	32° 2' 11.48 N	103° 43' 21.280 W
14,600.00	90.00	359.64	11,824.00	2,937.77	-448.37	377,598.01	689,257.11	32° 2' 11.98 N	103° 43' 21.281 W
14,650.00	90.00	359.64	11,824.00	2,987.77	-448.69	377,648.01	689,256.80	32° 2' 12.47 N	103° 43' 21.281 W
14,700.00	90.00	359.64	11,824.00	3,037.77	-449.01	377,698.00	689,256.48	32° 2' 12.97 N	103° 43' 21.282 W
14,750.00	90.00	359.64	11,824.00	3,087.76	-449.33	377,748.00	689,256.16	32° 2' 13.46 N	103° 43' 21.282 W
14,800.00	90.00	359.64	11,824.00	3,137.76	-449.65	377,798.00	689,255.84	32° 2' 13.96 N	103° 43' 21.282 W
14,850.00	90.00	359.64	11,824.00	3,187.76	-449.97	377,847.99	689,255.52	32° 2' 14.45 N	103° 43' 21.283 W
14,900.00	90.00	359.64	11,824.00	3,237.76	-450.28	377,897.99	689,255.20	32° 2' 14.95 N	103° 43' 21.283 W
14,950.00	90.00	359.64	11,824.00	3,287.76	-450.60	377,947.99	689,254.89	32° 2' 15.44 N	103° 43' 21.284 W
15,000.00	90.00	359.64	11,824.00	3,337.76	-450.92	377,997.98	689,254.57	32° 2' 15.94 N	103° 43' 21.284 W
15,050.00	90.00	359.64	11,824.00	3,387.76	-451.24	378,047.98	689,254.25	32° 2' 16.43 N	103° 43' 21.284 W
15,100.00	90.00	359.64	11,824.00	3,437.76	-451.56	378,097.98	689,253.93	32° 2' 16.93 N	103° 43' 21.285 W
15,150.00	90.00	359.64	11,824.00	3,487.76	-451.88	378,147.97	689,253.61	32° 2' 17.42 N	103° 43' 21.285 W
15,200.00	90.00	359.64	11,824.00	3,537.76	-452.19	378,197.97	689,253.29	32° 2' 17.92 N	103° 43' 21.286 W
15,250.00	90.00	359.64	11,824.00	3,587.75	-452.51	378,247.96	689,252.98	32° 2' 18.41 N	103° 43' 21.286 W
15,300.00	90.00	359.64	11,824.00	3,637.75	-452.83	378,297.96	689,252.66	32° 2' 18.91 N	103° 43' 21.287 W
15,350.00	90.00	359.64	11,824.00	3,687.75	-453.15	378,347.96	689,252.34	32° 2' 19.40 N	103° 43' 21.287 W
15,400.00	90.00	359.64	11,824.00	3,737.75	-453.47	378,397.95	689,252.02	32° 2' 19.89 N	103° 43' 21.287 W
15,450.00	90.00	359.64	11,824.00	3,787.75	-453.79	378,447.95	689,251.70	32° 2' 20.39 N	103° 43' 21.288 W
15,500.00	90.00	359.64	11,824.00	3,837.75	-454.10	378,497.95	689,251.38	32° 2' 20.88 N	103° 43' 21.288 W
15,550.00	90.00	359.64	11,824.00	3,887.75	-454.42	378,547.94	689,251.06	32° 2' 21.38 N	103° 43' 21.289 W
15,600.00	90.00	359.64	11,824.00	3,937.75	-454.74	378,597.94	689,250.75	32° 2' 21.87 N	103° 43' 21.289 W
15,650.00	90.00	359.64	11,824.00	3,987.75	-455.06	378,647.94	689,250.43	32° 2' 22.37 N	103° 43' 21.289 W
15,700.00	90.00	359.64	11,824.00	4,037.75	-455.38	378,697.93	689,250.11	32° 2' 22.86 N	103° 43' 21.290 W
15,750.00	90.00	359.64	11,824.00	4,087.74	-455.70	378,747.93	689,249.79	32° 2' 23.36 N	103° 43' 21.290 W
15,800.00	90.00	359.64	11,824.00	4,137.74	-456.02	378,797.93	689,249.47	32° 2' 23.85 N	103° 43' 21.291 W
15,850.00	90.00	359.64	11,824.00	4,187.74	-456.33	378,847.92	689,249.15	32° 2' 24.35 N	103° 43' 21.291 W
15,900.00	90.00	359.64	11,824.00	4,237.74	-456.65	378,897.92	689,248.84	32° 2' 24.84 N	103° 43' 21.292 W
15,950.00	90.00	359.64	11,824.00	4,287.74	-456.97	378,947.92	689,248.52	32° 2' 25.34 N	103° 43' 21.292 W
16,000.00	90.00	359.64	11,824.00	4,337.74	-457.29	378,997.91	689,248.20	32° 2' 25.83 N	103° 43' 21.292 W
16,050.00	90.00	359.64	11,824.00	4,387.74	-457.61	379,047.91	689,247.88	32° 2' 26.33 N	103° 43' 21.293 W
16,100.00	90.00	359.64	11,824.00	4,437.74	-457.93	379,097.91	689,247.56	32° 2' 26.82 N	103° 43' 21.293 W

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,150.00	90.00	359.64	11,824.00	4,487.74	-458.24	379,147.90	689,247.24	32° 2' 27.32 N	103° 43' 21.294 W
16,200.00	90.00	359.64	11,824.00	4,537.74	-458.56	379,197.90	689,246.93	32° 2' 27.81 N	103° 43' 21.294 W
16,250.00	90.00	359.64	11,824.00	4,587.73	-458.88	379,247.89	689,246.61	32° 2' 28.31 N	103° 43' 21.294 W
16,300.00	90.00	359.64	11,824.00	4,637.73	-459.20	379,297.89	689,246.29	32° 2' 28.80 N	103° 43' 21.295 W
16,350.00	90.00	359.64	11,824.00	4,687.73	-459.52	379,347.89	689,245.97	32° 2' 29.30 N	103° 43' 21.295 W
16,400.00	90.00	359.64	11,824.00	4,737.73	-459.84	379,397.88	689,245.65	32° 2' 29.79 N	103° 43' 21.296 W
16,450.00	90.00	359.64	11,824.00	4,787.73	-460.16	379,447.88	689,245.33	32° 2' 30.29 N	103° 43' 21.296 W
16,500.00	90.00	359.64	11,824.00	4,837.73	-460.47	379,497.88	689,245.01	32° 2' 30.78 N	103° 43' 21.297 W
16,550.00	90.00	359.64	11,824.00	4,887.73	-460.79	379,547.87	689,244.70	32° 2' 31.27 N	103° 43' 21.297 W
16,600.00	90.00	359.64	11,824.00	4,937.73	-461.11	379,597.87	689,244.38	32° 2' 31.77 N	103° 43' 21.297 W
16,650.00	90.00	359.64	11,824.00	4,987.73	-461.43	379,647.87	689,244.06	32° 2' 32.26 N	103° 43' 21.298 W
16,700.00	90.00	359.64	11,824.00	5,037.73	-461.75	379,697.86	689,243.74	32° 2' 32.76 N	103° 43' 21.298 W
16,750.00	90.00	359.64	11,824.00	5,087.72	-462.07	379,747.86	689,243.42	32° 2' 33.25 N	103° 43' 21.299 W
16,800.00	90.00	359.64	11,824.00	5,137.72	-462.38	379,797.86	689,243.10	32° 2' 33.75 N	103° 43' 21.299 W
16,850.00	90.00	359.64	11,824.00	5,187.72	-462.70	379,847.85	689,242.79	32° 2' 34.24 N	103° 43' 21.299 W
16,900.00	90.00	359.64	11,824.00	5,237.72	-463.02	379,897.85	689,242.47	32° 2' 34.74 N	103° 43' 21.300 W
16,950.00	90.00	359.64	11,824.00	5,287.72	-463.34	379,947.85	689,242.15	32° 2' 35.23 N	103° 43' 21.300 W
17,000.00	90.00	359.64	11,824.00	5,337.72	-463.66	379,997.84	689,241.83	32° 2' 35.73 N	103° 43' 21.301 W
17,050.00	90.00	359.64	11,824.00	5,387.72	-463.98	380,047.84	689,241.51	32° 2' 36.22 N	103° 43' 21.301 W
17,100.00	90.00	359.64	11,824.00	5,437.72	-464.29	380,097.84	689,241.19	32° 2' 36.72 N	103° 43' 21.301 W
17,150.00	90.00	359.64	11,824.00	5,487.72	-464.61	380,147.83	689,240.88	32° 2' 37.21 N	103° 43' 21.302 W
17,200.00	90.00	359.64	11,824.00	5,537.72	-464.93	380,197.83	689,240.56	32° 2' 37.71 N	103° 43' 21.302 W
17,250.00	90.00	359.64	11,824.00	5,587.71	-465.25	380,247.82	689,240.24	32° 2' 38.20 N	103° 43' 21.303 W
17,300.00	90.00	359.64	11,824.00	5,637.71	-465.57	380,297.82	689,239.92	32° 2' 38.70 N	103° 43' 21.303 W
17,350.00	90.00	359.64	11,824.00	5,687.71	-465.89	380,347.82	689,239.60	32° 2' 39.19 N	103° 43' 21.304 W
17,400.00	90.00	359.64	11,824.00	5,737.71	-466.21	380,397.81	689,239.28	32° 2' 39.69 N	103° 43' 21.304 W
17,450.00	90.00	359.64	11,824.00	5,787.71	-466.52	380,447.81	689,238.96	32° 2' 40.18 N	103° 43' 21.304 W
17,500.00	90.00	359.64	11,824.00	5,837.71	-466.84	380,497.81	689,238.65	32° 2' 40.68 N	103° 43' 21.305 W
17,550.00	90.00	359.64	11,824.00	5,887.71	-467.16	380,547.80	689,238.33	32° 2' 41.17 N	103° 43' 21.305 W
17,600.00	90.00	359.64	11,824.00	5,937.71	-467.48	380,597.80	689,238.01	32° 2' 41.67 N	103° 43' 21.306 W
17,650.00	90.00	359.64	11,824.00	5,987.71	-467.80	380,647.80	689,237.69	32° 2' 42.16 N	103° 43' 21.306 W
17,700.00	90.00	359.64	11,824.00	6,037.70	-468.12	380,697.79	689,237.37	32° 2' 42.65 N	103° 43' 21.306 W
17,750.00	90.00	359.64	11,824.00	6,087.70	-468.43	380,747.79	689,237.05	32° 2' 43.15 N	103° 43' 21.307 W
17,800.00	90.00	359.64	11,824.00	6,137.70	-468.75	380,797.79	689,236.74	32° 2' 43.64 N	103° 43' 21.307 W
17,850.00	90.00	359.64	11,824.00	6,187.70	-469.07	380,847.78	689,236.42	32° 2' 44.14 N	103° 43' 21.308 W
17,900.00	90.00	359.64	11,824.00	6,237.70	-469.39	380,897.78	689,236.10	32° 2' 44.63 N	103° 43' 21.308 W
17,950.00	90.00	359.64	11,824.00	6,287.70	-469.71	380,947.78	689,235.78	32° 2' 45.13 N	103° 43' 21.309 W
18,000.00	90.00	359.64	11,824.00	6,337.70	-470.03	380,997.77	689,235.46	32° 2' 45.62 N	103° 43' 21.309 W
18,050.00	90.00	359.64	11,824.00	6,387.70	-470.35	381,047.77	689,235.14	32° 2' 46.12 N	103° 43' 21.309 W
18,100.00	90.00	359.64	11,824.00	6,437.70	-470.66	381,097.77	689,234.83	32° 2' 46.61 N	103° 43' 21.310 W
18,150.00	90.00	359.64	11,824.00	6,487.70	-470.98	381,147.76	689,234.51	32° 2' 47.11 N	103° 43' 21.310 W
18,200.00	90.00	359.64	11,824.00	6,537.69	-471.30	381,197.76	689,234.19	32° 2' 47.60 N	103° 43' 21.311 W
18,250.00	90.00	359.64	11,824.00	6,587.69	-471.62	381,247.75	689,233.87	32° 2' 48.10 N	103° 43' 21.311 W
18,300.00	90.00	359.64	11,824.00	6,637.69	-471.94	381,297.75	689,233.55	32° 2' 48.59 N	103° 43' 21.311 W
18,350.00	90.00	359.64	11,824.00	6,687.69	-472.26	381,347.75	689,233.23	32° 2' 49.09 N	103° 43' 21.312 W
18,400.00	90.00	359.64	11,824.00	6,737.69	-472.57	381,397.74	689,232.91	32° 2' 49.58 N	103° 43' 21.312 W
18,450.00	90.00	359.64	11,824.00	6,787.69	-472.89	381,447.74	689,232.60	32° 2' 50.08 N	103° 43' 21.313 W
18,500.00	90.00	359.64	11,824.00	6,837.69	-473.21	381,497.74	689,232.28	32° 2' 50.57 N	103° 43' 21.313 W
18,550.00	90.00	359.64	11,824.00	6,887.69	-473.53	381,547.73	689,231.96	32° 2' 51.07 N	103° 43' 21.313 W
18,600.00	90.00	359.64	11,824.00	6,937.69	-473.85	381,597.73	689,231.64	32° 2' 51.56 N	103° 43' 21.314 W
18,650.00	90.00	359.64	11,824.00	6,987.69	-474.17	381,647.73	689,231.32	32° 2' 52.06 N	103° 43' 21.314 W
18,700.00	90.00	359.64	11,824.00	7,037.68	-474.49	381,697.72	689,231.00	32° 2' 52.55 N	103° 43' 21.315 W
18,750.00	90.00	359.64	11,824.00	7,087.68	-474.80	381,747.72	689,230.69	32° 2' 53.05 N	103° 43' 21.315 W
18,800.00	90.00	359.64	11,824.00	7,137.68	-475.12	381,797.72	689,230.37	32° 2' 53.54 N	103° 43' 21.316 W
18,850.00	90.00	359.64	11,824.00	7,187.68	-475.44	381,847.71	689,230.05	32° 2' 54.04 N	103° 43' 21.316 W
18,900.00	90.00	359.64	11,824.00	7,237.68	-475.76	381,897.71	689,229.73	32° 2' 54.53 N	103° 43' 21.316 W
18,950.00	90.00	359.64	11,824.00	7,287.68	-476.08	381,947.71	689,229.41	32° 2' 55.02 N	103° 43' 21.317 W
19,000.00	90.00	359.64	11,824.00	7,337.68	-476.40	381,997.70	689,229.09	32° 2' 55.52 N	103° 43' 21.317 W
19,050.00	90.00	359.64	11,824.00	7,387.68	-476.71	382,047.70	689,228.77	32° 2' 56.01 N	103° 43' 21.318 W
19,100.00	90.00	359.64	11,824.00	7,437.68	-477.03	382,097.70	689,228.46	32° 2' 56.51 N	103° 43' 21.318 W
19,150.00	90.00	359.64	11,824.00	7,487.68	-477.35	382,147.69	689,228.14	32° 2' 57.00 N	103° 43' 21.318 W
19,200.00	90.00	359.64	11,824.00	7,537.67	-477.67	382,197.69	689,227.82	32° 2' 57.50 N	103° 43' 21.319 W
19,250.00	90.00	359.64	11,824.00	7,587.67	-477.99	382,247.68	689,227.50	32° 2' 57.99 N	103° 43' 21.319 W
19,300.00	90.00	359.64	11,824.00	7,637.67	-478.31	382,297.68	689,227.18	32° 2' 58.49 N	103° 43' 21.320 W
19,350.00	90.00	359.64	11,824.00	7,687.67	-478.62	382,347.68	689,226.86	32° 2' 58.98 N	103° 43' 21.320 W
19,400.00	90.00	359.64	11,824.00	7,737.67	-478.94	382,397.67	689,226.55	32° 2' 59.48 N	103° 43' 21.321 W
19,450.00	90.00	359.64	11,824.00	7,787.67	-479.26	382,447.67	689,226.23	32° 2' 59.97 N	103° 43' 21.321 W

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
19,500.00	90.00	359.64	11,824.00	7,837.67	-479.58	382,497.67	689,225.91	32° 3' 0.47 N	103° 43' 21.321 W
19,550.00	90.00	359.64	11,824.00	7,887.67	-479.90	382,547.66	689,225.59	32° 3' 0.96 N	103° 43' 21.322 W
19,600.00	90.00	359.64	11,824.00	7,937.67	-480.22	382,597.66	689,225.27	32° 3' 1.46 N	103° 43' 21.322 W
19,650.00	90.00	359.64	11,824.00	7,987.67	-480.54	382,647.66	689,224.95	32° 3' 1.95 N	103° 43' 21.323 W
19,700.00	90.00	359.64	11,824.00	8,037.66	-480.85	382,697.65	689,224.64	32° 3' 2.45 N	103° 43' 21.323 W
19,750.00	90.00	359.64	11,824.00	8,087.66	-481.17	382,747.65	689,224.32	32° 3' 2.94 N	103° 43' 21.323 W
19,800.00	90.00	359.64	11,824.00	8,137.66	-481.49	382,797.65	689,224.00	32° 3' 3.44 N	103° 43' 21.324 W
19,850.00	90.00	359.64	11,824.00	8,187.66	-481.81	382,847.64	689,223.68	32° 3' 3.93 N	103° 43' 21.324 W
19,900.00	90.00	359.64	11,824.00	8,237.66	-482.13	382,897.64	689,223.36	32° 3' 4.43 N	103° 43' 21.325 W
19,950.00	90.00	359.64	11,824.00	8,287.66	-482.45	382,947.64	689,223.04	32° 3' 4.92 N	103° 43' 21.325 W
20,000.00	90.00	359.64	11,824.00	8,337.66	-482.76	382,997.63	689,222.72	32° 3' 5.42 N	103° 43' 21.325 W
20,050.00	90.00	359.64	11,824.00	8,387.66	-483.08	383,047.63	689,222.41	32° 3' 5.91 N	103° 43' 21.326 W
20,100.00	90.00	359.64	11,824.00	8,437.66	-483.40	383,097.63	689,222.09	32° 3' 6.40 N	103° 43' 21.326 W
20,150.00	90.00	359.64	11,824.00	8,487.66	-483.72	383,147.62	689,221.77	32° 3' 6.90 N	103° 43' 21.327 W
20,200.00	90.00	359.64	11,824.00	8,537.65	-484.04	383,197.62	689,221.45	32° 3' 7.39 N	103° 43' 21.327 W
20,250.00	90.00	359.64	11,824.00	8,587.65	-484.36	383,247.61	689,221.13	32° 3' 7.89 N	103° 43' 21.328 W
20,300.00	90.00	359.64	11,824.00	8,637.65	-484.68	383,297.61	689,220.81	32° 3' 8.38 N	103° 43' 21.328 W
20,350.00	90.00	359.64	11,824.00	8,687.65	-484.99	383,347.61	689,220.50	32° 3' 8.88 N	103° 43' 21.328 W
20,400.00	90.00	359.64	11,824.00	8,737.65	-485.31	383,397.60	689,220.18	32° 3' 9.37 N	103° 43' 21.329 W
20,450.00	90.00	359.64	11,824.00	8,787.65	-485.63	383,447.60	689,219.86	32° 3' 9.87 N	103° 43' 21.329 W
20,500.00	90.00	359.64	11,824.00	8,837.65	-485.95	383,497.60	689,219.54	32° 3' 10.36 N	103° 43' 21.330 W
20,550.00	90.00	359.64	11,824.00	8,887.65	-486.27	383,547.59	689,219.22	32° 3' 10.86 N	103° 43' 21.330 W
20,600.00	90.00	359.64	11,824.00	8,937.65	-486.59	383,597.59	689,218.90	32° 3' 11.35 N	103° 43' 21.330 W
20,650.00	90.00	359.64	11,824.00	8,987.65	-486.90	383,647.59	689,218.59	32° 3' 11.85 N	103° 43' 21.331 W
20,700.00	90.00	359.64	11,824.00	9,037.64	-487.22	383,697.58	689,218.27	32° 3' 12.34 N	103° 43' 21.331 W
20,750.00	90.00	359.64	11,824.00	9,087.64	-487.54	383,747.58	689,217.95	32° 3' 12.84 N	103° 43' 21.332 W
20,800.00	90.00	359.64	11,824.00	9,137.64	-487.86	383,797.58	689,217.63	32° 3' 13.33 N	103° 43' 21.332 W
20,850.00	90.00	359.64	11,824.00	9,187.64	-488.18	383,847.57	689,217.31	32° 3' 13.83 N	103° 43' 21.333 W
20,900.00	90.00	359.64	11,824.00	9,237.64	-488.50	383,897.57	689,216.99	32° 3' 14.32 N	103° 43' 21.333 W
20,950.00	90.00	359.64	11,824.00	9,287.64	-488.82	383,947.57	689,216.67	32° 3' 14.82 N	103° 43' 21.333 W
21,000.00	90.00	359.64	11,824.00	9,337.64	-489.13	383,997.56	689,216.36	32° 3' 15.31 N	103° 43' 21.334 W
21,050.00	90.00	359.64	11,824.00	9,387.64	-489.45	384,047.56	689,216.04	32° 3' 15.81 N	103° 43' 21.334 W
21,100.00	90.00	359.64	11,824.00	9,437.64	-489.77	384,097.56	689,215.72	32° 3' 16.30 N	103° 43' 21.335 W
21,150.00	90.00	359.64	11,824.00	9,487.64	-490.09	384,147.55	689,215.40	32° 3' 16.80 N	103° 43' 21.335 W
21,200.00	90.00	359.64	11,824.00	9,537.63	-490.41	384,197.55	689,215.08	32° 3' 17.29 N	103° 43' 21.335 W
21,250.00	90.00	359.64	11,824.00	9,587.63	-490.73	384,247.55	689,214.76	32° 3' 17.78 N	103° 43' 21.336 W
21,300.00	90.00	359.64	11,824.00	9,637.63	-491.04	384,297.54	689,214.45	32° 3' 18.28 N	103° 43' 21.336 W
21,350.00	90.00	359.64	11,824.00	9,687.63	-491.36	384,347.54	689,214.13	32° 3' 18.77 N	103° 43' 21.337 W
21,400.00	90.00	359.64	11,824.00	9,737.63	-491.68	384,397.53	689,213.81	32° 3' 19.27 N	103° 43' 21.337 W
21,450.00	90.00	359.64	11,824.00	9,787.63	-492.00	384,447.53	689,213.49	32° 3' 19.76 N	103° 43' 21.337 W
21,500.00	90.00	359.64	11,824.00	9,837.63	-492.32	384,497.53	689,213.17	32° 3' 20.26 N	103° 43' 21.338 W
21,550.00	90.00	359.64	11,824.00	9,887.63	-492.64	384,547.52	689,212.85	32° 3' 20.75 N	103° 43' 21.338 W
21,600.00	90.00	359.64	11,824.00	9,937.63	-492.95	384,597.52	689,212.54	32° 3' 21.25 N	103° 43' 21.339 W
21,650.00	90.00	359.64	11,824.00	9,987.62	-493.27	384,647.52	689,212.22	32° 3' 21.74 N	103° 43' 21.339 W
21,700.00	90.00	359.64	11,824.00	10,037.62	-493.59	384,697.51	689,211.90	32° 3' 22.24 N	103° 43' 21.340 W
21,750.00	90.00	359.64	11,824.00	10,087.62	-493.91	384,747.51	689,211.58	32° 3' 22.73 N	103° 43' 21.340 W
21,800.00	90.00	359.64	11,824.00	10,137.62	-494.23	384,797.51	689,211.26	32° 3' 23.23 N	103° 43' 21.340 W
21,850.00	90.00	359.64	11,824.00	10,187.62	-494.55	384,847.50	689,210.94	32° 3' 23.72 N	103° 43' 21.341 W
21,900.00	90.00	359.64	11,824.00	10,237.62	-494.87	384,897.50	689,210.62	32° 3' 24.22 N	103° 43' 21.341 W
21,950.00	90.00	359.64	11,824.00	10,287.62	-495.18	384,947.50	689,210.31	32° 3' 24.71 N	103° 43' 21.342 W
22,000.00	90.00	359.64	11,824.00	10,337.62	-495.50	384,997.49	689,209.99	32° 3' 25.21 N	103° 43' 21.342 W
22,050.00	90.00	359.64	11,824.00	10,387.62	-495.82	385,047.49	689,209.67	32° 3' 25.70 N	103° 43' 21.342 W
22,100.00	90.00	359.64	11,824.00	10,437.62	-496.14	385,097.49	689,209.35	32° 3' 26.20 N	103° 43' 21.343 W
22,100.85	90.00	359.64	11,824.00	10,438.47	-496.14	385,098.34	689,209.35	32° 3' 26.20 N	103° 43' 21.343 W

Design Targets**Target Name**

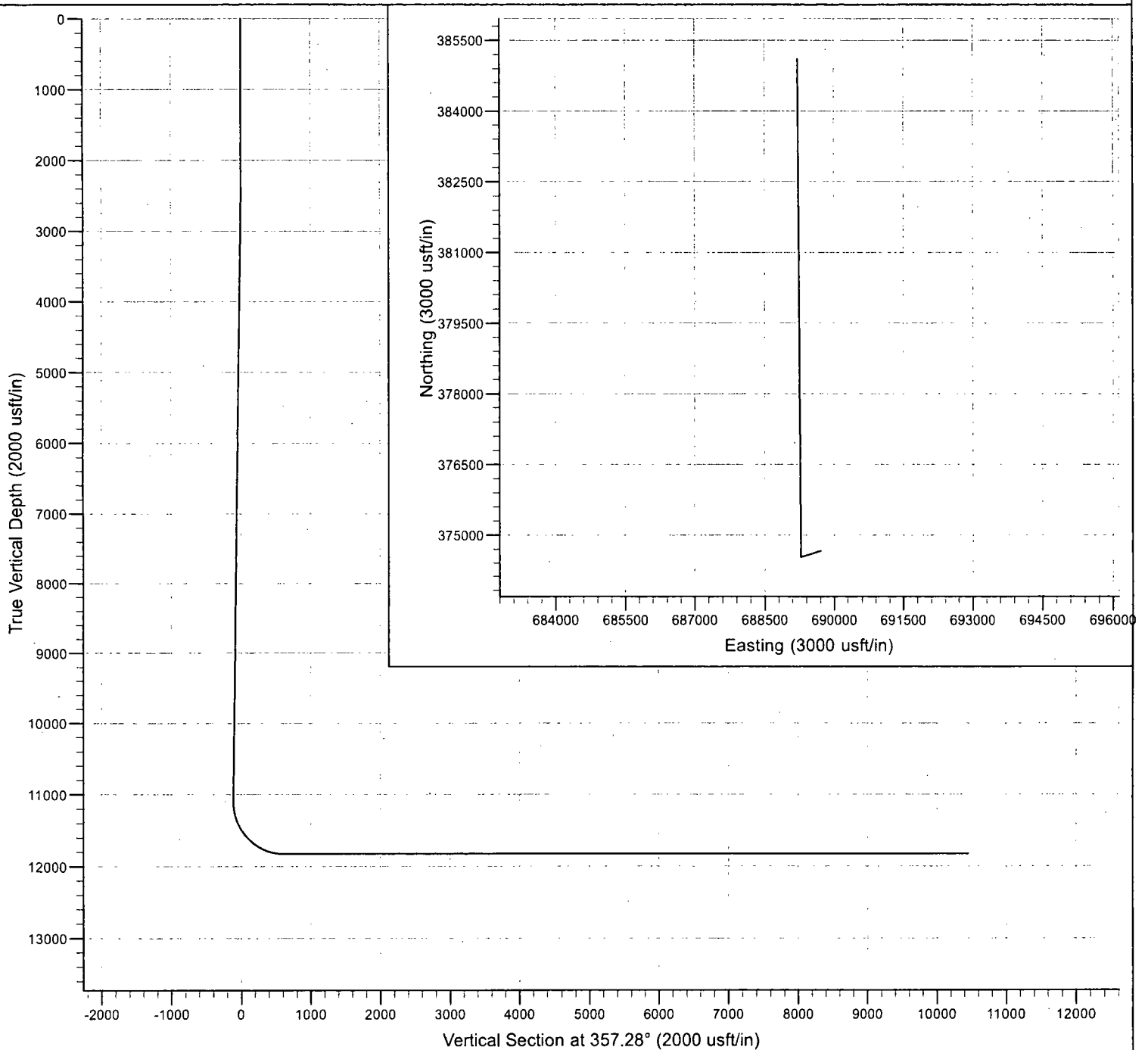
- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
ZIA HILLS 19 101H_WP - plan hits target center - Point	0.00	0.00	11,024.00	-133.60	-428.81	374,526.80	689,276.68	32° 1' 41.58 N	103° 43' 21.255 W
ZIA HILLS 19 101H_WP - plan hits target center - Point	0.00	0.00	11,824.00	10,438.47	-496.14	385,098.34	689,209.35	32° 3' 26.20 N	103° 43' 21.343 W

CONOCOPHILLIPS COMPANY

Well: ZIA HILLS 19 101H

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00
3	2653.57	3.07	252.70	2653.50	-1.22	-3.93	2.00	252.70	-1.04
4	10882.40	3.07	252.70	10870.50	-132.37	-424.88	0.00	0.00	-112.05
5	11035.97	0.00	0.00	11024.00	-133.60	-428.81	2.00	180.00	-113.09
6	11119.77	0.00	0.00	11107.80	-133.60	-428.81	0.00	0.00	-113.09
7	12244.77	90.00	359.64	11824.00	582.59	-433.37	8.00	359.64	602.50
8	2100.85	90.00	359.64	11824.00	10438.47	-496.14	0.00	0.00	10450.25



CONOCOPHILLIPS COMPANY

Well: ZIA HILLS 19 101H

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00
3	2653.57	3.07	252.70	2653.50	-1.22	-3.93	2.00	252.70	-1.04
4	10882.40	3.07	252.70	10870.50	-132.37	-424.88	0.00	0.00	-112.05
5	11035.97	0.00	0.00	11024.00	-133.60	-428.81	2.00	180.00	-113.09
6	11119.77	0.00	0.00	11107.80	-133.60	-428.81	0.00	0.00	-113.09
7	12244.77	90.00	359.64	11824.00	582.59	-433.37	8.00	359.64	602.50
8	2100.85	90.00	359.64	11824.00	10438.47	-496.14	0.00	0.00	10450.25

