

Job Number: Hobbs Guzzler #1
Company: N/A
Lease/Well: N/A
Location: N/A
Rig Name: N/A
State/County: N/A/ N/A
Country: N/A

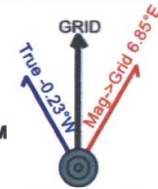
Elev. GL: 3687.20 ft **RKB:** 17.00 ft
System: US State Plane 1927 (Exact solution)
Group: New Mexico East 3001
Datum: CLARKE 1866
Mag. Decl.: 7.09° (C:\HawkEye\IGRF2005.mif)
Grid Conv.: 0.23353 E
Date: Tuesday, June 6, 2017

HOBBS
JUL 26 2017
RECEIVED

Calculated by HawkEye Software
 Minimum Curvature Method
 Vertical Section Plane 0.00°

Northing (US ft): 839713.48 Easting (US ft): 629912.60
 Latitude: 33°18'27.5950" N Longitude: -103°54'29.1950" W

Well Location: 2060.70 FNL, 1349.88 FEL, Section 3, T12S, R30E, New Mexico Principal Meridian, Chaves County, NM
 Direction Reference: Grid North



#	Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS */100 Ft	Covar11	Covar22	Covar33	Covar12	Covar13	Covar23
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.00	0.00
2	151.00	1.20	233.87	150.99	-0.93	-1.28	-0.93	0.79	0.02	0.02	1.32	0.00	-0.02	-0.02
3	334.00	1.20	225.57	333.95	-3.40	-4.19	-3.40	0.09	0.10	0.10	1.32	0.00	-0.02	-0.02
4	517.00	1.10	241.67	516.91	-5.58	-7.11	-5.58	0.18	0.25	0.25	1.33	0.00	-0.01	-0.02
5	703.00	1.60	251.07	702.86	-7.27	-11.14	-7.27	0.29	0.47	0.47	1.35	0.00	-0.01	-0.03
6	887.00	2.70	280.47	886.73	-7.31	-17.83	-7.31	0.83	0.72	0.70	1.36	-0.01	0.02	-0.05
7	1075.00	3.60	259.27	1074.45	-7.61	-27.98	-7.61	0.78	1.06	1.01	1.39	-0.01	0.00	-0.05
8	1263.00	3.30	267.37	1262.11	-8.96	-39.19	-8.96	0.30	1.50	1.41	1.42	-0.02	0.01	-0.03
9	1452.00	3.60	265.27	1450.77	-9.69	-50.53	-9.69	0.17	2.04	1.89	1.46	-0.03	0.01	-0.02
10	1640.00	3.20	263.47	1638.44	-10.78	-61.63	-10.78	0.22	2.67	2.44	1.51	-0.04	0.02	0.02
11	1785.00	3.30	267.12	1783.21	-11.45	-69.82	-11.45	0.16	3.20	2.91	1.55	-0.05	0.03	0.04
12	1973.00	0.66	145.22	1971.11	-12.61	-74.61	-12.61	1.96	3.68	3.34	1.62	-0.06	0.02	0.14
13	2162.00	1.01	132.47	2160.09	-14.63	-72.76	-14.63	0.21	3.95	3.63	1.69	-0.06	0.01	0.15
14	2350.00	1.27	79.39	2348.06	-15.36	-69.49	-15.36	0.56	4.49	4.20	1.78	-0.06	0.03	0.16
15	2540.00	2.02	81.67	2537.98	-14.49	-64.10	-14.49	0.40	5.25	5.00	1.88	-0.05	0.03	0.18
16	2727.00	1.63	83.87	2724.88	-13.73	-58.20	-13.73	0.21	6.07	5.86	2.00	-0.05	0.03	0.17
17	2917.00	1.54	76.93	2914.81	-12.86	-53.02	-12.86	0.11	7.02	6.83	2.13	-0.04	0.03	0.17
18	3106.00	1.85	70.60	3103.73	-11.28	-47.67	-11.28	0.19	8.03	7.87	2.29	-0.03	0.04	0.17
19	3296.00	2.02	68.40	3293.62	-9.02	-41.67	-9.02	0.10	9.09	8.95	2.47	-0.02	0.04	0.17
20	3484.00	2.07	66.03	3481.50	-6.43	-35.48	-6.43	0.05	10.22	10.11	2.68	-0.02	0.04	0.15
21	3674.00	1.93	65.15	3671.38	-3.69	-29.44	-3.69	0.08	11.44	11.35	2.91	-0.01	0.04	0.14
22	3862.00	1.80	66.12	3859.28	-1.16	-23.87	-1.16	0.07	12.71	12.64	3.17	-0.01	0.04	0.13
23	4050.00	1.05	60.23	4047.22	0.89	-19.68	0.89	0.41	14.06	13.99	3.47	0.00	0.03	0.10
24	4239.00	1.14	59.09	4236.19	2.72	-16.56	2.72	0.05	15.45	15.39	3.80	0.00	0.03	0.10
25	4428.00	1.19	55.13	4425.15	4.80	-13.34	4.80	0.05	16.89	16.84	4.17	0.00	0.04	0.09
26	4618.00	1.19	56.54	4615.11	7.02	-10.07	7.02	0.02	18.38	18.33	4.59	0.00	0.03	0.08
27	4805.00	1.19	47.75	4802.07	9.40	-7.02	9.40	0.10	19.87	19.82	5.04	0.00	0.04	0.06
28	4974.00	1.27	59.17	4971.03	11.54	-4.11	11.54	0.15	21.29	21.25	5.49	-0.01	0.03	0.06
29	5149.00	1.01	59.00	5146.00	13.32	-1.12	13.32	0.15	22.90	22.86	6.00	-0.01	0.02	0.05
30	5338.00	1.27	59.61	5334.96	15.24	2.11	15.24	0.14	24.74	24.70	6.60	-0.01	0.03	0.04
31	5524.00	1.41	71.04	5520.91	17.03	6.06	17.03	0.16	26.62	26.59	7.25	-0.02	0.02	0.03
32	5713.00	1.41	69.02	5709.85	18.62	10.43	18.62	0.03	28.69	28.65	7.98	-0.02	0.01	0.02
33	5900.00	1.32	67.79	5896.80	20.25	14.57	20.25	0.05	30.85	30.80	8.76	-0.03	0.01	0.00
34	6089.00	1.41	73.76	6085.74	21.73	18.82	21.73	0.09	33.05	33.00	9.62	-0.04	0.00	-0.01
35	6278.00	1.41	69.72	6274.69	23.18	23.23	23.18	0.05	35.35	35.29	10.56	-0.04	0.00	-0.03
36	6466.00	1.45	73.85	6462.63	24.65	27.68	24.65	0.06	37.72	37.65	11.57	-0.05	-0.01	-0.04
37	6655.00	1.23	78.33	6651.58	25.72	31.97	25.72	0.13	40.12	40.04	12.68	-0.06	-0.01	-0.06
38	6844.00	1.14	75.08	6840.54	26.62	35.77	26.62	0.06	42.65	42.56	13.87	-0.07	-0.01	-0.07
39	7032.00	1.10	71.04	7028.50	27.68	39.29	27.68	0.05	45.31	45.20	15.15	-0.08	-0.02	-0.08
40	7222.00	1.23	79.92	7218.46	28.63	43.02	28.63	0.12	48.00	47.87	16.54	-0.09	-0.02	-0.09
41	7409.00	1.27	77.19	7405.42	29.44	47.01	29.44	0.04	50.70	50.56	18.01	-0.10	-0.02	-0.10
42	7596.00	1.27	71.92	7592.37	30.55	51.01	30.55	0.06	53.58	53.41	19.59	-0.11	-0.02	-0.11
43	7784.00	1.32	79.83	7780.32	31.58	55.12	31.58	0.10	56.48	56.29	21.30	-0.12	-0.03	-0.12
44	7973.00	1.27	112.96	7969.28	31.14	59.19	31.14	0.39	58.82	58.59	23.13	-0.13	-0.05	-0.13

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45	8162.00	1.36	124.04	8158.23	29.07	62.98	29.07	0.14	60.43	60.17	25.09	-0.12	-0.06	-0.12
46	8351.00	1.36	199.53	8347.19	25.70	64.08	25.70	0.88	61.81	61.54	27.18	-0.12	-0.09	-0.14
47	8429.00	1.49	186.79	8425.16	23.82	63.66	23.82	0.44	62.27	61.99	28.08	-0.11	-0.10	-0.13
48	8513.00	1.67	199.32	8509.13	21.58	63.12	21.58	0.46	62.77	62.49	29.08	-0.10	-0.11	-0.12
49	8702.00	2.35	215.26	8698.02	15.82	59.97	15.82	0.46	64.59	64.33	31.43	-0.08	-0.14	-0.11
50	8889.00	2.46	207.49	8884.85	9.13	55.91	9.13	0.18	66.61	66.36	33.91	-0.06	-0.17	-0.07
51	9077.00	2.29	226.90	9072.69	2.98	51.30	2.98	0.44	68.94	68.72	36.55	-0.04	-0.18	-0.06
52	9266.00	1.93	248.61	9261.57	-0.76	45.58	-0.76	0.46	72.03	71.83	39.37	-0.03	-0.17	-0.04
53	9456.00	0.92	253.18	9451.51	-2.37	41.14	-2.37	0.53	75.39	75.21	42.37	-0.03	-0.17	-0.01
54	9646.00	0.66	257.92	9641.49	-3.04	38.61	-3.04	0.14	78.79	78.62	45.56	-0.03	-0.17	0.00
55	9835.00	1.21	274.58	9830.46	-3.11	35.56	-3.11	0.32	82.01	81.85	48.91	-0.03	-0.16	-0.01
56	10025.00	2.18	256.97	10020.38	-3.76	30.04	-3.76	0.57	85.30	85.15	52.46	-0.03	-0.16	-0.02
57	10215.00	2.94	253.05	10210.19	-6.00	21.86	-6.00	0.41	88.91	88.77	56.22	-0.04	-0.17	-0.04
58	10405.00	2.31	236.34	10399.99	-9.54	14.01	-9.54	0.52	92.48	92.36	60.18	-0.04	-0.20	-0.02
59	10595.00	1.38	219.87	10589.89	-13.42	9.35	-13.42	0.56	95.69	95.59	64.36	-0.04	-0.22	0.01