



Company: Burnett Oil Company, Inc.

Job Number:

HL122217

Calculation Method

Minimum Curvature

Well: Gissler "B" 62

Mag Decl.:

7.45

Proposed Azimuth

251.7

Location: Eddy County, New Mexico

Dir Driller:

Dave Waldrum

Depth Reference

KBG

Rig: United 29

MWD Eng:

Jacob Owens

Tie Into: Assumed Vertical

Job Date: 07/20/12 - 07/27/12

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NMCD ARTESIA

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
Tie In	0.00	0	0	0	0	0	0.00 0	0.00 0					
1	765	0.7	108.9	765	764.98	-3.72	1.51 S	4.42 E	4.67	108.90	0.09	0.09	14.24
2	1403	2.2	77.6	638	1402.77	-19.01	0.15 S	20.07 E	20.07	90.42	0.26	0.24	-4.91
3	2043	0.8	89.9	640	2042.53	-35.48	2.50 N	36.54 E	36.62	86.09	0.22	-0.22	1.92
4	2900	0.4	77.1	857	2899.48	-44.14	3.18 N	45.43 E	45.55	86.00	0.05	-0.05	-1.49
5	2967	0.4	106.8	67	2966.48	-44.56	3.16 N	45.89 E	46.00	86.06	0.31	0.00	44.33
6	3062	1.4	254.2	95	3061.47	-43.68	2.75 N	45.09 E	45.17	86.51	1.84	1.05	155.16
7	3157	1.8	264.8	95	3156.44	-41.06	2.30 N	42.48 E	42.55	86.90	0.52	0.42	11.16
8	3251	1.7	267.7	94	3250.39	-38.28	2.11 N	39.62 E	39.68	86.95	0.14	-0.11	3.09
9	3341	1.5	267.7	90	3340.36	-35.87	2.01 N	37.11 E	37.16	86.90	0.22	-0.22	0.00
10	3436	1.5	270.2	95	3435.33	-33.49	1.96 N	34.62 E	34.68	86.76	0.07	0.00	2.63
11	3531	1.3	274.1	95	3530.30	-31.32	2.04 N	32.31 E	32.37	86.38	0.23	-0.21	4.11
12	3626	2.7	261.5	95	3625.24	-28.12	1.79 N	29.02 E	29.07	86.47	1.54	1.47	-13.26
13	3719	4.1	260.7	93	3718.07	-22.67	0.93 N	23.57 E	23.59	87.74	1.51	1.51	-0.86
14	3814	5.3	263.5	95	3812.75	-15.02	0.12 S	15.86 E	15.86	90.42	1.29	1.26	2.95
15	3909	6.5	261.1	95	3907.24	-5.42	1.44 S	6.19 E	6.35	103.14	1.29	1.26	-2.53
16	4003	7.9	260.3	94	4000.50	6.22	3.36 S	5.44 W	6.39	238.32	1.49	1.49	-0.85
17	4098	8.8	261.8	95	4094.49	19.83	5.49 S	19.07 W	19.84	253.93	0.97	0.95	1.58
18	4187	9.7	254.9	89	4182.34	34.02	8.42 S	33.04 W	34.10	255.71	1.60	1.01	-7.75
19	4280	10.4	248.8	93	4273.91	50.22	13.49 S	48.43 W	50.28	254.43	1.37	0.75	-6.56
20	4373	11.4	249.3	93	4365.23	67.79	19.78 S	64.86 W	67.81	253.04	1.08	1.08	0.54
21	4467	12.0	253.6	94	4457.28	86.84	25.82 S	82.92 W	86.85	252.70	1.13	0.64	4.57
22	4559	12.4	253.5	92	4547.20	106.27	31.33 S	101.57 W	106.29	252.86	0.44	0.43	-0.11
23	4654	12.9	258.9	95	4639.90	126.99	36.27 S	121.76 W	127.04	253.41	1.35	0.53	5.68
24	4686	13.2	258.4	32	4671.07	134.16	37.69 S	128.84 W	134.24	253.69	1.00	0.94	-1.56
25	4749	12.4	254.6	63	4732.51	148.08	40.93 S	142.41 W	148.17	253.96	1.84	-1.27	-6.03
26	4844	11.3	245.5	95	4825.49	167.50	47.50 S	160.71 W	167.59	253.53	2.28	-1.16	-9.58
27	4907	11.4	246.4	63	4887.26	179.84	52.55 S	172.04 W	179.88	253.01	0.32	0.16	1.43
28	4945	11.2	247.1	38	4924.52	187.26	55.49 S	178.88 W	187.29	252.76	0.64	-0.53	1.84
29	5040	10.2	247.0	95	5017.87	204.84	62.37 S	195.12 W	204.84	252.27	1.05	-1.05	-0.11
30	5134	10.1	252.0	94	5110.40	221.37	68.17 S	210.62 W	221.38	252.07	0.94	-0.11	5.32
31	5229	10.0	253.5	95	5203.94	237.95	73.08 S	226.45 W	237.95	252.11	0.29	-0.11	1.58
32	5324	9.8	254.3	95	5297.53	254.27	77.62 S	242.14 W	254.28	252.23	0.26	-0.21	0.84
33	5419	9.8	252.4	95	5391.14	270.43	82.25 S	257.63 W	270.44	252.29	0.34	0.00	-2.00
34	5513	9.7	251.6	94	5483.79	286.35	87.17 S	272.77 W	286.36	252.28	0.18	-0.11	-0.85
35	5608	9.7	251.9	95	5577.43	302.35	92.18 S	287.97 W	302.37	252.25	0.05	0.00	0.32
36	5702	9.6	251.0	94	5670.10	318.11	97.19 S	302.91 W	318.12	252.21	0.19	-0.11	-0.96
37	5797	9.4	250.6	95	5763.79	333.79	102.35 S	317.72 W	333.80	252.14	0.22	-0.21	-0.42

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38	5892	9.3	249.9	95	5857.53	349.22	107.56 S	332.24 W	349.22	252.06	0.16	-0.11	-0.74
39	5987	9.3	249.9	95	5951.28	364.56	112.84 S	346.66 W	364.56	251.97	0.00	0.00	0.00
Proj.	6144	9.3	249.9	157	6106.22	389.92	121.56 S	370.49 W	389.92	251.84	0.00	0.00	0.00