



Diamondback Oilfield Services

SURVEY CALCULATION REPORT Minimum Curvature Calculations

FINAL

Operator: Burnett Oil and Gas
Lease Name: Gissler A 33-H KOP 4392
Job Number: ML08721
Comments: Tie In To Haliburton IDS 8/08/08
Survey Company: Haliburton

Target KBTVD: 4,800 Feet
Target Angle: 90.00 Degrees
Section Plane: 180.05 Degrees
Declination Corrected to True North: 8.10 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Gamma API	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	BUR	DLS	KBTVD	+Above -Below Target
68	6,504	90.9	178.5		32	4800.8	1860.5	-1860.5	1.6	1.3	1.3	4800.8	-0.8
69	6,536	91.2	178.4		32	4800.2	1892.4	-1892.4	2.5	0.9	1.0	4800.2	-0.2
70	6,567	91.3	177.4		31	4799.5	1923.4	-1923.4	3.6	0.3	3.2	4799.5	0.5
71	6,599	91.6	177.2		32	4798.7	1955.4	-1955.4	5.1	0.9	1.1	4798.7	1.3
72	6,631	89.5	177.8		32	4798.4	1987.3	-1987.3	6.5	-6.6	6.8	4798.4	1.6
73	6,662	89.5	177.7		31	4798.7	2018.3	-2018.3	7.7	0.0	0.3	4798.7	1.3
74	6,694	89.7	177.6		32	4798.9	2050.3	-2050.3	9.1	0.6	0.7	4798.9	1.1
75	6,726	90.0	177.4		32	4799.0	2082.2	-2082.2	10.5	0.9	1.1	4799.0	1.0
76	6,758	90.2	177.3		32	4798.9	2114.2	-2114.2	11.9	0.6	0.7	4798.9	1.1
77	6,789	90.7	177.3		31	4798.7	2145.2	-2145.2	13.4	1.6	1.6	4798.7	1.3
78	6,821	90.7	177.7		32	4798.3	2177.1	-2177.1	14.8	0.0	1.2	4798.3	1.7
79	6,853	91.4	177.6		32	4797.7	2209.1	-2209.1	16.1	2.2	2.2	4797.7	2.3
80	6,885	89.1	178.2		32	4797.6	2241.1	-2241.1	17.3	-7.2	7.4	4797.6	2.4
81	6,916	89.0	178.2		31	4798.1	2272.0	-2272.1	18.3	-0.3	0.3	4798.1	1.9
82	6,948	89.3	178.0		32	4798.6	2304.0	-2304.0	19.3	0.9	1.1	4798.6	1.4
83	6,980	89.5	178.1		32	4798.9	2336.0	-2336.0	20.4	0.6	0.7	4798.9	1.1
84	7,011	89.8	178.2		31	4799.1	2367.0	-2367.0	21.4	1.0	1.0	4799.1	0.9
85	7,043	90.3	178.3		32	4799.1	2399.0	-2399.0	22.4	1.6	1.6	4799.1	0.9
86	7,075	91.0	178.2		32	4798.7	2430.9	-2431.0	23.4	2.2	2.2	4798.7	1.3
87	7,106	89.1	178.9		31	4798.7	2461.9	-2462.0	24.1	-6.1	6.5	4798.7	1.3
88	7,138	89.3	179.0		32	4799.1	2493.9	-2493.9	24.7	0.6	0.7	4799.1	0.9
89	7,170	89.4	179.0		32	4799.5	2525.9	-2525.9	25.3	0.3	0.3	4799.5	0.5
90	7,202	89.7	179.1		32	4799.7	2557.9	-2557.9	25.8	0.9	1.0	4799.7	0.3
91	7,233	89.9	179.1		31	4799.9	2588.9	-2588.9	26.3	0.6	0.6	4799.9	0.1
92	7,265	90.4	179.1		32	4799.8	2620.9	-2620.9	26.8	1.6	1.6	4799.8	0.2
93	7,297	91.1	179.1		32	4799.3	2652.9	-2652.9	27.3	2.2	2.2	4799.3	0.7
94	7,328	90.7	179.3		31	4798.9	2683.9	-2683.9	27.7	-1.3	1.4	4798.9	1.1
95	7,360	89.6	179.9		32	4798.8	2715.9	-2715.9	28.0	-3.4	3.9	4798.8	1.2
96	7,389	89.5	179.9		29	4799.0	2744.9	-2744.9	28.0	-0.3	0.3	4799.0	1.0
BIT	7,433	89.5	179.9		44	4799.4	2788.9	-2788.9	28.1	0.0	0.0	4799.4	0.6

Closure Distance: 2789.0 Feet
Closure Direction: 179.4 Degrees
Distance from Line: -30.5 Feet

Target	MD TVD												
TD	7,433	90.0	179.9	0	4799.39	2788.9	-2788.9	28.1	#####	#####	4799.39	0.6	

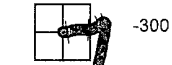
Closure Distance @ EOH: 2789.0 Feet
Closure Direction @ EOH: 179.4 Degrees
Distance from line @ EOH: -30.5 Feet

X/Y:
Feet

666500

14

666500



-300

-1092

LP

-1104

990'

1800'

1005'

1003'

-1100

990'



990'

970'

-1102

33 H

960'



23

Burnett Oil Co Gissler A-33 H well path

Loco Hills

Eddy County, NM

Scale = 1:6000

0 500 1000 1500 ft

with footage from section line