

30-015-34850

Burnett Oil Co.

Eddy County, NM

Sec 14 T 17-S R 30-E

Gissler A 27H

Wellbore #1

Survey: Survey #1

Sperry Drilling Services Combo Report

29 May, 2007

Well Coordinates: 667,157.30 N, 622,352.90 E (32° 50' 00.48" N, 103° 56' 05.99" W)

Ground Level 3,697.00 ft

Local Coordinate Origin:

Centered on Well Gissler A 27H

Viewing Datum.

WELL @ 3707.00ft (Original Well Elev)

TVDs to System

N

North Reference

Grid

Unit System

api us survey ft 2

Version 2003.16 Build 42B

HALLIBURTON

HALLIBURTON**Survey Report for Gissler A 27H - Survey #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
0.00	0.00	0.00	3,707.00	0.00	0.00 N	0.00 E	667,157.30	622,352.90	0.00	0.00	
100.00	0.23	167.75	3,607.00	100.00	0.20 S	0.04 E	667,157.10	622,352.94	0.23	0.20	
200.00	0.25	113.28	3,507.00	200.00	0.48 S	0.29 E	667,156.82	622,353.19	0.22	0.50	
300.00	0.29	127.06	3,407.00	300.00	0.72 S	0.69 E	667,156.58	622,353.59	0.08	0.77	
400.00	0.54	177.35	3,307.00	400.00	1.34 S	0.91 E	667,155.96	622,353.81	0.42	1.40	
500.00	0.28	198.44	3,207.01	499.99	2.04 S	0.86 E	667,155.26	622,353.76	0.30	2.10	
600.00	0.43	245.15	3,107.01	599.99	2.43 S	0.44 E	667,154.87	622,353.34	0.31	2.46	
700.00	0.28	151.13	3,007.01	699.99	2.80 S	0.22 E	667,154.50	622,353.12	0.53	2.81	
800.00	0.33	139.27	2,907.01	799.99	3.24 S	0.52 E	667,154.06	622,353.42	0.08	3.27	
900.00	0.25	142.33	2,807.01	899.99	3.63 S	0.84 E	667,153.67	622,353.74	0.08	3.68	
1,000.00	0.41	119.56	2,707.01	999.99	3.98 S	1.29 E	667,153.32	622,354.19	0.20	4.06	
1,100.00	0.75	108.14	2,607.02	1,099.98	4.36 S	2.22 E	667,152.94	622,355.12	0.36	4.51	
1,200.00	0.85	113.10	2,507.03	1,199.97	4.85 S	3.52 E	667,152.45	622,356.42	0.12	5.09	
1,300.00	0.69	119.80	2,407.04	1,299.96	5.44 S	4.73 E	667,151.86	622,357.63	0.18	5.77	
1,400.00	0.62	118.93	2,307.05	1,399.95	6.00 S	5.73 E	667,151.30	622,358.63	0.07	6.40	
1,500.00	0.64	136.75	2,207.05	1,499.95	6.67 S	6.58 E	667,150.63	622,359.48	0.20	7.13	
1,600.00	0.52	134.80	2,107.06	1,599.94	7.40 S	7.29 E	667,149.90	622,360.19	0.12	7.91	
1,700.00	0.45	143.40	2,007.06	1,699.94	8.03 S	7.84 E	667,149.27	622,360.74	0.10	8.58	
1,800.00	0.47	145.22	1,907.06	1,799.94	8.68 S	8.31 E	667,148.62	622,361.21	0.02	9.26	
1,900.00	0.42	147.34	1,807.07	1,899.93	9.33 S	8.74 E	667,147.97	622,361.64	0.05	9.94	
2,000.00	0.47	153.64	1,707.07	1,999.93	10.01 S	9.12 E	667,147.29	622,362.02	0.07	10.64	
2,100.00	0.45	178.35	1,607.07	2,099.93	10.77 S	9.32 E	667,146.53	622,362.22	0.20	11.41	
2,200.00	0.53	181.77	1,507.08	2,199.92	11.62 S	9.31 E	667,145.68	622,362.21	0.09	12.27	
2,300.00	0.51	183.28	1,407.08	2,299.92	12.53 S	9.27 E	667,144.77	622,362.17	0.02	13.17	
2,400.00	0.61	189.44	1,307.08	2,399.92	13.50 S	9.16 E	667,143.80	622,362.06	0.12	14.13	
2,500.00	0.71	170.31	1,207.09	2,499.91	14.63 S	9.18 E	667,142.67	622,362.08	0.24	15.26	
2,600.00	0.84	180.94	1,107.10	2,599.90	15.98 S	9.27 E	667,141.32	622,362.17	0.19	16.61	
2,700.00	0.86	181.73	1,007.11	2,699.89	17.46 S	9.23 E	667,139.84	622,362.13	0.02	18.08	
2,800.00	1.00	191.00	907.12	2,799.88	19.07 S	9.05 E	667,138.23	622,361.95	0.21	19.67	
2,900.00	0.92	195.12	807.14	2,899.86	20.70 S	8.67 E	667,136.60	622,361.57	0.11	21.27	
3,000.00	0.95	189.39	707.15	2,999.85	22.29 S	8.33 E	667,135.01	622,361.23	0.10	22.84	
3,100.00	0.92	201.31	607.17	3,099.83	23.86 S	7.90 E	667,133.44	622,360.80	0.20	24.37	
3,200.00	0.97	194.20	507.18	3,199.82	25.43 S	7.40 E	667,131.87	622,360.30	0.13	25.90	
3,300.00	0.86	197.07	407.19	3,299.81	26.96 S	6.97 E	667,130.34	622,359.87	0.12	27.40	
3,400.00	1.04	188.37	307.21	3,399.79	28.58 S	6.62 E	667,128.72	622,359.52	0.23	28.98	
3,500.00	0.92	203.45	207.22	3,499.78	30.21 S	6.17 E	667,127.09	622,359.07	0.28	30.58	
3,600.00	0.99	196.90	107.23	3,599.77	31.78 S	5.60 E	667,125.52	622,358.50	0.13	32.10	
3,700.00	0.80	196.68	7.25	3,699.75	33.27 S	5.14 E	667,124.03	622,358.04	0.19	33.56	
3,800.00	0.82	308.69	-92.75	3,799.75	33.49 S	4.39 E	667,123.81	622,357.29	1.34	33.72	
3,900.00	0.78	204.10	-192.74	3,899.74	33.67 S	3.55 E	667,123.63	622,356.45	1.27	33.84	

Survey Report for Gissler A 27H - Survey #1

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
4,000.00	0.63	217.65	-292.74	3,999.74	34.72 S	2.94 E	667,122.58	622,355.84	0.22	34.85	
4,100.00	0.42	217.13	-392.73	4,099.73	35.45 S	2.38 E	667,121.85	622,355.28	0.21	35.53	
4,200.00	0.71	219.40	-492.73	4,199.73	36.22 S	1.76 E	667,121.08	622,354.66	0.29	36.25	
4,300.00	0.81	221.96	-592.72	4,299.72	37.23 S	0.90 E	667,120.07	622,353.80	0.11	37.19	
4,400.00	0.95	240.73	-692.71	4,399.71	38.16 S	0.30 W	667,119.14	622,352.60	0.32	38.04	
4,495.00	0.77	251.24	-787.70	4,494.70	38.75 S	1.59 W	667,118.55	622,351.31	0.25	38.53	last gyro
4,514.00	3.33	189.46	-806.68	4,513.68	39.33 S	1.80 W	667,117.97	622,351.10	16.01	39.10	
4,545.00	10.88	180.89	-837.42	4,544.42	43.15 S	1.99 W	667,114.15	622,350.91	24.53	42.89	
4,576.00	18.55	181.09	-867.38	4,574.38	51.02 S	2.13 W	667,106.28	622,350.77	24.74	50.73	
4,608.00	26.27	186.02	-896.95	4,603.95	63.17 S	2.97 W	667,094.13	622,349.93	24.81	62.79	
4,639.00	33.03	187.54	-923.87	4,630.87	78.39 S	4.80 W	667,078.91	622,348.10	21.94	77.83	
4,670.00	37.73	183.17	-949.15	4,656.15	96.25 S	6.44 W	667,061.05	622,346.46	17.21	95.53	
4,701.00	42.10	180.09	-972.92	4,679.92	116.12 S	6.98 W	667,041.18	622,345.92	15.47	115.31	
4,732.00	46.70	178.49	-995.06	4,702.06	137.80 S	6.70 W	667,019.50	622,346.20	15.27	136.95	
4,762.00	51.55	177.37	-1,014.69	4,721.89	160.46 S	5.87 W	666,996.84	622,347.03	16.41	159.61	
4,793.00	56.31	177.16	-1,032.94	4,739.94	185.48 S	4.68 W	666,971.82	622,348.22	15.36	184.66	
4,824.00	61.38	176.75	-1,048.97	4,755.97	211.97 S	3.26 W	666,945.33	622,349.64	16.39	211.17	
4,855.00	66.05	176.52	-1,062.69	4,769.69	239.70 S	1.63 W	666,917.60	622,351.27	15.08	238.95	
4,885.00	71.16	176.30	-1,073.63	4,780.63	267.57 S	0.12 E	666,889.73	622,353.02	17.05	266.88	
4,917.00	76.20	174.98	-1,082.62	4,789.62	298.18 S	2.46 E	666,859.12	622,355.36	16.24	297.58	
4,948.00	80.68	175.09	-1,088.83	4,795.83	328.43 S	5.08 E	666,828.87	622,357.98	14.46	327.94	
4,978.00	83.58	176.58	-1,092.94	4,799.94	358.07 S	7.24 E	666,799.23	622,360.14	10.85	357.65	
5,009.00	86.77	176.76	-1,095.55	4,802.55	388.90 S	9.03 E	666,768.40	622,361.93	10.31	388.53	
5,040.00	90.31	177.20	-1,096.34	4,803.34	419.84 S	10.67 E	666,737.46	622,363.57	11.51	419.51	
5,071.00	92.16	175.52	-1,095.67	4,802.67	450.77 S	12.63 E	666,706.53	622,365.53	8.06	450.50	
5,102.00	92.47	176.07	-1,094.42	4,801.42	481.66 S	14.91 E	666,675.64	622,367.81	2.04	481.48	
5,133.00	92.61	175.62	-1,093.04	4,800.04	512.55 S	17.15 E	666,644.75	622,370.05	1.52	512.45	
5,164.00	93.54	176.78	-1,091.38	4,798.38	543.44 S	19.20 E	666,613.86	622,372.10	4.79	543.40	
5,195.00	94.08	176.45	-1,089.32	4,796.32	574.32 S	21.03 E	666,582.98	622,373.93	2.04	574.33	
5,226.00	92.99	175.21	-1,087.41	4,794.41	605.17 S	23.28 E	666,552.13	622,376.18	5.32	605.27	
5,257.00	91.30	174.61	-1,086.25	4,793.25	636.03 S	26.03 E	666,521.27	622,378.93	5.78	636.24	
5,288.00	91.51	175.85	-1,085.49	4,792.49	666.91 S	28.60 E	666,490.39	622,381.50	4.06	667.23	
5,319.00	91.70	175.15	-1,084.62	4,791.62	697.80 S	31.03 E	666,459.50	622,383.93	2.34	698.22	
5,350.00	90.98	177.35	-1,083.90	4,790.90	728.73 S	33.06 E	666,428.57	622,385.96	7.47	729.20	
5,381.00	90.25	175.56	-1,083.56	4,790.56	759.66 S	34.98 E	666,397.64	622,387.88	6.24	760.20	
5,412.00	89.26	174.77	-1,083.70	4,790.70	790.55 S	37.59 E	666,366.75	622,390.49	4.09	791.20	
5,443.00	89.29	176.22	-1,084.09	4,791.09	821.45 S	40.02 E	666,335.85	622,392.92	4.68	822.19	
5,473.00	89.63	174.53	-1,084.37	4,791.37	851.35 S	42.44 E	666,305.95	622,395.34	5.75	852.19	
5,504.00	88.98	174.37	-1,084.75	4,791.75	882.21 S	45.44 E	666,275.09	622,398.34	2.16	883.18	

Survey Report for Gissler A 27H - Survey #1

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
5,535.00	89.14	173.36	-1,085.26	4,792.26	913.02 S	48.75 E	666,244.28	622,401.65	3.30	914.15	
5,566.00	89.50	176.72	-1,085.62	4,792.62	943.90 S	51.43 E	666,213.40	622,404.33	10.90	945.14	
5,597.00	89.65	173.86	-1,085.85	4,792.85	974.79 S	53.98 E	666,182.51	622,406.88	9.24	976.14	
5,629.00	89.91	174.48	-1,085.98	4,792.98	1,006.63 S	57.23 E	666,150.67	622,410.13	2.10	1,008.13	
5,660.00	90.03	174.12	-1,085.99	4,792.99	1,037.47 S	60.31 E	666,119.83	622,413.21	1.22	1,039.11	
5,691.00	90.34	175.74	-1,085.89	4,792.89	1,068.35 S	63.05 E	666,088.95	622,415.95	5.32	1,070.11	
5,722.00	90.56	173.00	-1,085.65	4,792.65	1,099.20 S	66.09 E	666,058.10	622,418.99	8.87	1,101.09	
5,753.00	89.78	173.89	-1,085.56	4,792.56	1,129.99 S	69.63 E	666,027.31	622,422.53	3.82	1,132.07	
5,784.00	89.69	175.67	-1,085.70	4,792.70	1,160.86 S	72.45 E	665,996.44	622,425.35	5.75	1,163.06	
5,815.00	89.69	174.50	-1,085.87	4,792.87	1,191.75 S	75.10 E	665,965.55	622,428.00	3.77	1,194.06	
5,845.00	90.09	174.78	-1,085.93	4,792.93	1,221.62 S	77.91 E	665,935.68	622,430.81	1.63	1,224.05	
5,876.00	90.50	172.92	-1,085.77	4,792.77	1,252.44 S	81.23 E	665,904.86	622,434.13	6.14	1,255.03	
5,907.00	91.05	173.94	-1,085.35	4,792.35	1,283.23 S	84.77 E	665,874.07	622,437.67	3.74	1,286.00	
5,938.00	90.34	173.29	-1,084.97	4,791.97	1,314.03 S	88.22 E	665,843.27	622,441.12	3.11	1,316.97	
5,970.00	90.83	173.53	-1,084.64	4,791.64	1,345.82 S	91.89 E	665,811.48	622,444.79	1.71	1,348.94	
6,001.00	91.82	174.25	-1,083.93	4,790.93	1,376.64 S	95.19 E	665,780.66	622,448.09	3.95	1,379.91	
6,032.00	90.89	175.89	-1,083.19	4,790.19	1,407.51 S	97.85 E	665,749.79	622,450.75	6.08	1,410.90	
6,062.00	90.47	174.39	-1,082.84	4,789.84	1,437.40 S	100.40 E	665,719.90	622,453.30	5.19	1,440.90	
6,093.00	91.20	175.63	-1,082.39	4,789.39	1,468.28 S	103.09 E	665,689.02	622,455.99	4.64	1,471.89	
6,124.00	90.34	173.54	-1,081.97	4,788.97	1,499.14 S	106.02 E	665,658.16	622,458.92	7.29	1,502.88	
6,155.00	89.81	176.19	-1,081.93	4,788.93	1,530.01 S	108.78 E	665,627.29	622,461.69	8.72	1,533.87	
6,186.00	89.94	174.02	-1,082.00	4,789.00	1,560.89 S	111.44 E	665,596.41	622,464.34	7.01	1,564.87	
6,217.00	89.57	174.50	-1,082.13	4,789.13	1,591.74 S	114.54 E	665,565.56	622,467.44	1.95	1,595.85	
6,249.00	88.24	173.90	-1,082.74	4,789.74	1,623.57 S	117.77 E	665,533.73	622,470.67	4.56	1,627.83	
6,280.00	86.81	175.95	-1,084.08	4,791.08	1,654.41 S	120.51 E	665,502.89	622,473.41	8.06	1,658.80	
6,312.00	86.73	176.14	-1,085.88	4,792.88	1,686.29 S	122.71 E	665,471.01	622,475.61	0.64	1,690.75	
6,343.00	87.15	176.22	-1,087.54	4,794.54	1,717.17 S	124.78 E	665,440.13	622,477.68	1.38	1,721.70	
6,374.00	87.60	176.09	-1,088.96	4,795.96	1,748.07 S	126.85 E	665,409.23	622,479.75	1.51	1,752.67	
6,405.00	88.18	176.11	-1,090.10	4,797.10	1,778.98 S	128.96 E	665,378.32	622,481.86	1.87	1,783.65	
6,437.00	88.54	176.43	-1,091.01	4,798.01	1,810.90 S	131.04 E	665,346.40	622,483.94	1.50	1,815.63	
6,468.00	88.82	175.39	-1,091.73	4,798.73	1,841.81 S	133.25 E	665,315.49	622,486.15	3.47	1,846.62	
6,499.00	89.35	175.57	-1,092.22	4,799.22	1,872.71 S	135.69 E	665,284.59	622,488.59	1.81	1,877.62	
6,530.00	89.94	177.91	-1,092.42	4,799.42	1,903.66 S	137.46 E	665,253.64	622,490.36	7.78	1,908.61	
6,558.00	90.22	176.77	-1,092.38	4,799.38	1,931.63 S	138.75 E	665,225.67	622,491.65	4.19	1,936.60	Last MWD
6,605.60	90.22	176.77	-1,092.19	4,799.19	1,979.16 S	141.44 E	665,178.14	622,494.34	0.00	1,984.20	Target TVD (051007)
6,614.00	90.22	176.77	-1,092.16	4,799.16	1,987.54 S	141.91 E	665,169.76	622,494.81	0.00	1,992.60	Projection to TD

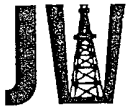
322 338

PBTD 6570'

665225
-12

665213 622491

to 360' FSL 390' FEI.



DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

May 21, 2007

Burnett Oil Co., Inc,
801 Cherry Street, Suite 1500
Fort Worth, Texas 76102

Re: Gissler A #27 H
Sec.14, T-17-S, R-30-E
Eddy Co., New Mexico

Attn: Mark Jacoby

The following is a Deviation Survey on the referenced well in Eddy County, New Mexico:

193' - 1°	1349' - 1/4°	2781' - 1°	4186' - 3/4°
406' - 1°	1826' - 1/2°	3255' - 1°	
872' - 3/4°	2302' - 3/4°	3720' - 1 1/4°	

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF EDDY)

The foregoing was acknowledged before me this 21st day of May, 2007 by Gary W. Chappell.

MY COMMISSION EXPIRES

2/25/08

NOTARY PUBLIC