LANDIS DRILLING COMPANY P. O. Box 3579 Midland, Texas 79702

OPERATOR Yates Petroleum Corp. ADDRESS 207 S. 4th Str., Artesia, NM 88210

LEASE NAME Hot Toddy "ABQ" State WELL NUMBER 1

LOCATION 1980'FNL & 1500'FEL, Section 18, T-16-S, R-34-E, Lea County, NM

DEPTHINCLINATION - DEGREESDISPLACEMENTDISPLACEMENT 500 1 1/213.0913.09 550 1 1/21.3114.40 999 1 1/49.6024.20143617.6331.8319351 8.71 40.5422863/44.59-45.1327743/46.4951.5232693/46.4858.0037583/46.4064.4040183/43.4067.8045531 1/411.6779.4745703/43.2982.9850921/22.3785.3555901/24.3598.7060903/46.5596.2565901/24.37100.62655518.71114.12795518.73122.8581803/42.95125.80867812.95125.80867811.121.9610,12815.15169.8810,6121.1/410.56180.4410,69214.89185.3311,661/23.27188.6011,661/23.27188.6011,661/23.27188.6011,661/23.27188.6011,661/23.27188.6011,661/23.27188.6011,661/23.46192.0612,609 <t< th=""><th></th><th>ANGLE</th><th></th><th>ACCUMULATIVE</th></t<>		ANGLE		ACCUMULATIVE
500 1 1 β 13.0913.09 550 1 1/21.3114.40 999 1 1/49.8024.20143617.6331.83193518.7140.5422863/44.59-45.1327743 A 6.3951.5232693/46.4858.0037583 A 6.4064.4040183/43.4067.8045531 1/411.6779.4745703/43.2982.9850921/22.3785.3555901/24.3589.7060903/46.5596.2565901/24.37100.6269563/44.79114.12795518.73122.8581803/42.95125.80867818.69134.4993761 1/212.65139.9493761 1/212.65139.9493761 1/212.66164.7310,12814.89185.3311,2661/23.46192.0611,6621/23.46192.0611,6621/23.27188.6011,6621/23.27186.6011,6621/23.26146.7311,6621/23.27186.6011,6621/23.26146.7412,60915.22205.7613,1021 1/4	DEPTH		DISPLACEMENT	DISPLACEMENT
55011/21.3114.40 999 11/49.6024.20143617.6331.83193518.7140.5422863/44.59-45.1327743/46.3951.5232693/46.4858.0037583/46.4064.4040183/43.4067.80455311/411.6779.4745703/43.2982.9850921/22.3785.3555901/24.3589.7060903/46.5596.2565901/24.37100.6269563/42.95128.6181803/42.95125.8081803/42.95125.80937611/21.9611/211.96164.7310,12815.15169.8810,61211.723.4610,6221/23.46192.0611,6621/23.27188.6011,6621/23.27188.6011,6621/23.46192.0611,6673/42.66194.7412,60915.22205.7613,10211/410.76216.52		112	13.09	13.09
9991 $1/4$ 9.8024.20143617.6331.8319351 8.71 40.542286 $3/4$ 4.59 -45.13 2774 $3/4$ 6.39 51.52 3269 $3/4$ 6.48 58.00 3758 $3/4$ 6.40 64.40 4018 $3/4$ 3.40 67.80 45531 $1/4$ 11.67 79.47 4570 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 9376 1 $1/2$ 12.65 $10,128$ 1 5.15 169.88 $10,612$ 1 $1/4$ 10.56 $11,662$ $1/2$ 3.27 188.60 $11,266$ $1/2$ 3.277 188.60 $11,266$ $1/2$ 3.26 192.06 $11,266$ $1/2$ 3.26 192.06 $11,867$ $3/4$ 2.68 192.06 $11,867$ $3/4$ 2.68 192.06 $11,867$ $3/4$ 2.68 192.06 $11,269$ 1 4.89 165.33 $12,202$ $1/2$ $1/4$ </td <td></td> <td></td> <td>1.31</td> <td>14.40</td>			1.31	14.40
143617.63 31.83 1935 1 8.71 40.54 2286 $3/4$ 4.59 -45.13 2774 $3/4$ 6.39 51.52 3269 $3/4$ 6.48 58.00 3758 $3/4$ 6.40 64.40 4018 $3/4$ 3.40 67.80 4553 $11/4$ 11.67 79.47 4570 $3/4$ $.22$ 79.69 4821 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 $11/2$ 1.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ 1 $1/4$ 10.56 180.44 $10,622$ 1 $1/4$ 10.56 180.44 $10,622$ 1 $1/2$ 3.46 192.06 $11,667$ $3/4$ 2.68 194.74 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52			9.80	24.20
19351 8.71 40.54 2286 $3/4$ 4.59 -45.13 2774 $3/4$ 6.39 51.52 3269 $3/4$ 6.48 58.00 3758 $3/4$ 6.40 64.40 4018 $3/4$ 3.40 67.80 4553 $1.1/4$ 11.67 79.47 4570 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 $1.1/2$ 12.83 152.77 9833 $1.1/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ $1.1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.277 188.60 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.68 194.74 $12,609$ 1 5.22 205.76 $13,102$ $1.1/4$ 10.76 216.52			7.63	
2286 $3/4$ 4.59 -45.13 2774 $3/4$ 6.39 51.52 3269 $3/4$ 6.39 51.52 3758 $3/4$ 6.40 64.40 4018 $3/4$ 3.40 67.80 4553 $1.1/4$ 11.67 79.47 4570 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 122.85 8678 1 8.69 134.49 8866 $1.1/2$ 12.83 152.77 9833 $1.1/2$ 11.96 164.73 $10,128$ 1 4.89 185.33 $11,22$ 3.44 2.68 192.06 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,667$ $3/4$ 2.68 194.74 $12,609$ 1 5.22 205.76 $13,102$ $1.1/4$ 10.76 226.52		. 1		40.54
2774 $3/4$ 6.39 51.52 3269 $3/4$ 6.48 58.00 3758 $3/4$ 6.40 64.40 4018 $3/4$ 3.40 67.80 4553 $11/4$ 11.67 79.47 4570 $3/4$ 22 79.69 4821 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 005.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 9376 $11/2$ 12.83 152.77 9833 $11/2$ 11.96 164.73 $10,128$ 1 4.89 185.33 $10,622$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.22 205.76 $13,102$ $11/4$ 10.76 226.52		3/4	4.59	-45.13
3269 $3/4$ 6.48 58.00 3758 $3/4$ 6.40 64.40 4018 $3/4$ 3.40 67.80 4553 1 $1/4$ 11.67 79.47 4570 $3/4$ $.22$ 79.69 4821 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 9376 $11/2$ 12.83 152.77 9833 $11/2$ 11.96 164.73 $10,128$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.268 194.74 $12,609$ 1 5.22 205.76 $13,102$ $11/4$ 10.76 226.52			6.39	51.52
3758 $3/4$ 6.40 64.40 4018 $3/4$ 3.40 67.80 4553 $11/4$ 11.67 79.47 4570 $3/4$ $.22$ 79.69 4821 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 9376 $11/2$ 12.83 152.77 9833 $11/2$ 11.96 164.73 $10,128$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 1.68 194.74 $12,609$ 1 5.202 205.76 <td></td> <td></td> <td></td> <td>58.00</td>				58.00
4018 $3/4$ 3.40 67.80 4553 1 $1/4$ 11.67 79.47 4570 $3/4$ $.22$ 79.69 4821 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 1 $1/2$ 1.94 9376 1 $1/2$ 1.93 $10,128$ 1 5.15 169.88 $10,612$ 1 $1/4$ 10.56 $11,662$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52			6.40	64.40
455311/411.6779.47 4570 $3/4$.2279.69 4821 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8866 1 $1/2$ 5.455 139.94 9376 1 $1/2$ 12.83 152.77 9833 1 $1/2$ 1.966 164.73 $10,128$ 1 5.155 169.88 $10,612$ 1 $1/4$ 10.566 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52			3.40	67.80
4570 $3/4$ $.22$ 79.69 4821 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 $125.80.$ 8678 1 8.69 134.49 9376 $11/2$ 12.83 152.77 9833 $11/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ $11/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 186.60 $11,662$ $1/2$ 3.266 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ $11/4$ 10.76 216.52		-	11.67	79.47
4821 $3/4$ 3.29 82.98 5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 1 $1/2$ 5.45 139.94 9376 1 $1/2$ 12.83 152.77 9833 1 $1/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ 1 $1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 186.60 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $2,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52			.22	79.69
5092 $1/2$ 2.37 85.35 5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 1 $1/2$ 5.45 139.94 9376 1 $1/2$ 12.83 152.77 9833 1 $1/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ 1 $1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.68 194.74 $2,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52			3.29	82.98
5590 $1/2$ 4.35 89.70 6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 1 $1/2$ 5.45 933 1 $1/2$ 12.83 $1/2$ 12.83 152.77 9833 1 $1/2$ $1/2$ 11.96 164.73 $10,128$ 1 4.89 $10,612$ 1 $1/4$ $10,56$ 180.44 $10,892$ 1 4.89 $11,266$ $1/2$ 3.27 188.60 192.06 $11,867$ $3/4$ 2.68 194.74 2.68 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,609$ 1 $12,602$ $12,602$ $12,602$ $12,602$ $12,602$ $12,$		-	2.37	85.35
6090 $3/4$ 6.55 96.25 6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 $11/2$ 5.45 139.94 9376 $11/2$ 12.83 152.77 9833 $11/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ $11/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ $11/4$ 10.76 216.52			4.35	89.70
6590 $1/2$ 4.37 100.62 6956 $3/4$ 4.79 105.41 7455 1 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 $125.80.$ 8678 1 8.69 134.49 8886 1 $1/2$ 5.45 139.94 9376 1 $1/2$ 12.83 152.77 9833 1 $1/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ 1 $1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52		•	6.55	96.25
74551 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 1 $1/2$ 5.45 139.94 9376 1 $1/2$ 12.83 152.77 9833 1 $1/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ 1 $1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52		1/2	4.37	100.62
74551 8.71 114.12 7955 1 8.73 122.85 8180 $3/4$ 2.95 125.80 8678 1 8.69 134.49 8886 $11/2$ 5.45 139.94 9376 $11/2$ 12.83 152.77 9833 $11/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ $11/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52		3/4	4.79	105.41
79551 8.73 122.85 8180 $3/4$ 2.95 $125.80.$ 8678 1 8.69 134.49 8886 $1.1/2$ 5.45 139.94 9376 $1.1/2$ 12.83 152.77 9833 $1.1/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ $1.1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 $1/4$ 10.76 216.52 $13,102$ 1 $1/4$ 10.76 216.52		-	8.71	114.12
86781 8.69 134.49 8886 1 $1/2$ 5.45 139.94 9376 1 $1/2$ 12.83 152.77 9833 1 $1/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ 1 $1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 $1/4$ 10.76 216.52	7955	1	8.73	122.85
86781 8.69 134.49 8886 1 1/2 5.45 139.94 9376 1 1/2 12.83 152.77 9833 1 1/2 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ 1 1/4 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 1/4 10.76 216.52	8180 .	3/4	2.95	125.80.
9376 $1 1/2$ 12.83 152.77 9833 $1 1/2$ 11.96 164.73 $10,128$ 1 5.15 169.88 $10,612$ $1 1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ $1 1/4$ 10.76 216.52		1	8.69	134.49
9833 $1 1/2$ 11.96 164.73 9833 $1 1/2$ 5.15 169.88 $10,128$ 1 5.15 169.88 $10,612$ $1 1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ $1 1/4$ 10.76 216.52	8886	1 1/2	5.45	139.94
10,128 1 5.15 169.88 $10,612$ $11/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ $11/4$ 10.76 216.52	9376	1 1/2	12.83	152.77
10,110 1 $10,56$ 180.44 $10,612$ 1 $1/4$ 10.56 180.44 $10,892$ 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ 1 10.76 216.52	9833	1 1/2	11.96	164.73
10,892 1 4.89 185.33 $11,266$ $1/2$ 3.27 188.60 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ $11/4$ 10.76 216.52	10,128	1	5.15	169.88
10,052 $1/2$ 3.27 188.60 $11,266$ $1/2$ 3.46 192.06 $11,662$ $1/2$ 3.46 192.06 $11,867$ $3/4$ 2.68 194.74 $12,310$ $3/4$ 5.80 200.54 $12,609$ 1 5.22 205.76 $13,102$ $11/4$ 10.76 216.52	10,612	1 1/4	10.56	
11,2001/23.46192.0611,6621/23.46192.0611,8673/42.68194.7412,3103/45.80200.5412,60915.22205.7613,1021 1/410.76216.52	10,892	1	4.89	
11,8673/42.68194.7412,3103/45.80200.5412,60915.22205.7613,1021 1/410.76216.52	11,266	1/2		
11,0073/45.80200.5412,3103/45.22205.7612,60915.22205.7613,1021 1/410.76216.52	11,662	1/2		
12,609 1 5.22 205.76 13,102 1 1/4 10.76 216.52	11,867	3/4		
12,000 1 10.76 216.52 13,102 1 1/4 10.76 216.52	12,310	3/4		
		1		
13 500 1 1 4 8.68 225.20	13,102	1 1/4		
	13,500	1 1 /4	8.68	225.20

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY

By: Vice President - Contracts Title:

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary W. Chappell known to me to be the person whose name is subscribed hereabove, who on making deposition, under oath states that he is acting for and in behalf of the Operator of the well identified above, and that to the best of his knowledge and belief, such well was not intentionally deviated from the true vertical whatsoever.

Janua a. AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the <u>18th</u> day of <u>April</u> 19 85

<u>Janua) (). Uughus</u> mela A. Hughes Pamela A. Hughes

Notary Public in and for the County of

AUG -7 1985 Here

RECEVED

~---