

### INCLINATION REPORT

The following is an inclination report on the drilling of Pennzoil United's Monsanto State No. 1, located 660' PNL and 1,980' FEL of Section 2, T-20-S, R-34-E, Lea County, New Mexico, which was completed July 16, 1970, at a total depth of 10,880 feet.

<u>Depth (feet)</u>	<u>Angle of Inclination (degrees)</u>	<u>Displacement (feet)</u>	<u>Accumulative Displacement (feet)</u>
110	1/4	.48	.48
484	1	6.55	7.03
885	1/2	3.49	10.52
1,285	1-1/2	10.48	21.00
1,760	3/4	6.22	27.22
2,265	1/2	4.39	31.61
2,670	3/4	5.31	36.92
3,270	2	20.94	57.86
3,850	1-1/4	12.64	70.50
4,490	1	11.20	81.70
4,990	1	8.75	90.45
5,620	1/2	5.48	95.93
6,035	1/2	3.61	99.54
6,489	3/4	5.95	105.49
6,980	1/2	4.27	109.76
7,418	1-1/4	9.55	119.31
7,980	1	9.84	129.15
8,480	1/4	2.20	131.35
9,040	3/4	7.34	138.69
9,470	1	7.53	146.22
9,870	1-1/2	10.48	156.70
10,230	1	6.30	163.00
10,875	1	11.29	174.29

Total Displacement 174.29

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

NOBLE DRILLING CORPORATION

  
Earl Frederickson

Sworn and Subscribed to before me, this the 29th day of July, 1970.


  
Notary Public in and for  
Midland County, Texas.

TABLE WITH NOTES

1. The following table shows the results of the survey of the population of the United States in 1950. The population of the United States in 1950 was 150,697,000. The population of the United States in 1940 was 132,629,000. The population of the United States in 1930 was 122,754,000. The population of the United States in 1920 was 105,950,000. The population of the United States in 1910 was 92,227,000. The population of the United States in 1900 was 76,212,000. The population of the United States in 1890 was 62,948,000. The population of the United States in 1880 was 50,189,000. The population of the United States in 1870 was 39,818,000. The population of the United States in 1860 was 31,443,000. The population of the United States in 1850 was 23,192,000. The population of the United States in 1840 was 17,940,000. The population of the United States in 1830 was 13,960,000. The population of the United States in 1820 was 11,937,000. The population of the United States in 1810 was 9,839,000. The population of the United States in 1800 was 7,267,000. The population of the United States in 1790 was 5,308,000. The population of the United States in 1780 was 3,929,000. The population of the United States in 1770 was 2,969,000. The population of the United States in 1760 was 2,207,000. The population of the United States in 1750 was 1,759,000. The population of the United States in 1740 was 1,354,000. The population of the United States in 1730 was 1,000,000. The population of the United States in 1720 was 750,000. The population of the United States in 1710 was 500,000. The population of the United States in 1700 was 250,000. The population of the United States in 1690 was 125,000. The population of the United States in 1680 was 62,500. The population of the United States in 1670 was 31,250. The population of the United States in 1660 was 15,625. The population of the United States in 1650 was 7,812. The population of the United States in 1640 was 3,906. The population of the United States in 1630 was 1,953. The population of the United States in 1620 was 976. The population of the United States in 1610 was 488. The population of the United States in 1600 was 244. The population of the United States in 1590 was 122. The population of the United States in 1580 was 61. The population of the United States in 1570 was 30. The population of the United States in 1560 was 15. The population of the United States in 1550 was 7. The population of the United States in 1540 was 3. The population of the United States in 1530 was 1. The population of the United States in 1520 was 0.5. The population of the United States in 1510 was 0.25. The population of the United States in 1500 was 0.125. The population of the United States in 1490 was 0.0625. The population of the United States in 1480 was 0.03125. The population of the United States in 1470 was 0.015625. The population of the United States in 1460 was 0.0078125. The population of the United States in 1450 was 0.00390625. The population of the United States in 1440 was 0.001953125. The population of the United States in 1430 was 0.0009765625. The population of the United States in 1420 was 0.00048828125. The population of the United States in 1410 was 0.000244140625. The population of the United States in 1400 was 0.0001220703125. The population of the United States in 1390 was 6.103515625e-05. The population of the United States in 1380 was 3.0517578125e-05. The population of the United States in 1370 was 1.52587890625e-05. The population of the United States in 1360 was 7.62939453125e-06. The population of the United States in 1350 was 3.814697265625e-06. The population of the United States in 1340 was 1.9073486328125e-06. The population of the United States in 1330 was 9.5367431640625e-07. The population of the United States in 1320 was 4.76837158203125e-07. The population of the United States in 1310 was 2.384185791015625e-07. The population of the United States in 1300 was 1.1920928955078125e-07. The population of the United States in 1290 was 5.9604644775390625e-08. The population of the United States in 1280 was 2.98023223876953125e-08. The population of the United States in 1270 was 1.4901161193847656e-08. The population of the United States in 1260 was 7.450580596923828e-09. The population of the United States in 1250 was 3.725290298461914e-09. The population of the United States in 1240 was 1.862645149230957e-09. The population of the United States in 1230 was 9.313225746154785e-10. The population of the United States in 1220 was 4.656612873077392e-10. The population of the United States in 1210 was 2.328306436538696e-10. The population of the United States in 1200 was 1.164153218269348e-10. The population of the United States in 1190 was 5.82076609134674e-11. The population of the United States in 1180 was 2.91038304567337e-11. The population of the United States in 1170 was 1.455191522836685e-11. The population of the United States in 1160 was 7.275957614183425e-12. The population of the United States in 1150 was 3.637978807091712e-12. The population of the United States in 1140 was 1.818989403545856e-12. The population of the United States in 1130 was 9.09494701772928e-13. The population of the United States in 1120 was 4.54747350886464e-13. The population of the United States in 1110 was 2.27373675443232e-13. The population of the United States in 1100 was 1.13686837721616e-13. The population of the United States in 1090 was 5.6843418860808e-14. The population of the United States in 1080 was 2.8421709430404e-14. The population of the United States in 1070 was 1.4210854715202e-14. The population of the United States in 1060 was 7.105427357601e-15. The population of the United States in 1050 was 3.5527136788005e-15. The population of the United States in 1040 was 1.77635683940025e-15. The population of the United States in 1030 was 8.88178419700125e-16. The population of the United States in 1020 was 4.440892098500625e-16. The population of the United States in 1010 was 2.2204460492503125e-16. The population of the United States in 1000 was 1.1102230246251562e-16. The population of the United States in 990 was 5.551115123125781e-17. The population of the United States in 980 was 2.7755575615628905e-17. The population of the United States in 970 was 1.3877787807814452e-17. The population of the United States in 960 was 6.938893903907226e-18. The population of the United States in 950 was 3.469446951953613e-18. The population of the United States in 940 was 1.7347234759768065e-18. The population of the United States in 930 was 8.673617379884032e-19. The population of the United States in 920 was 4.336808689942016e-19. The population of the United States in 910 was 2.168404344971008e-19. The population of the United States in 900 was 1.084202172485504e-19. The population of the United States in 890 was 5.42101086242752e-20. The population of the United States in 880 was 2.71050543121376e-20. The population of the United States in 870 was 1.35525271560688e-20. The population of the United States in 860 was 6.7762635780344e-21. The population of the United States in 850 was 3.3881317890172e-21. The population of the United States in 840 was 1.6940658945086e-21. The population of the United States in 830 was 8.470329472543e-22. The population of the United States in 820 was 4.2351647362715e-22. The population of the United States in 810 was 2.11758236813575e-22. The population of the United States in 800 was 1.058791184067875e-22. The population of the United States in 790 was 5.293955920339375e-23. The population of the United States in 780 was 2.6469779601696875e-23. The population of the United States in 770 was 1.3234889800848437e-23. The population of the United States in 760 was 6.617444900424219e-24. The population of the United States in 750 was 3.3087224502121095e-24. The population of the United States in 740 was 1.6543612251060547e-24. The population of the United States in 730 was 8.271806125530274e-25. The population of the United States in 720 was 4.135903062765137e-25. The population of the United States in 710 was 2.0679515313825685e-25. The population of the United States in 700 was 1.0339757656912842e-25. The population of the United States in 690 was 5.169878828456421e-26. The population of the United States in 680 was 2.5849394142282105e-26. The population of the United States in 670 was 1.2924697071141052e-26. The population of the United States in 660 was 6.462348535570526e-27. The population of the United States in 650 was 3.231174267785263e-27. The population of the United States in 640 was 1.6155871338926315e-27. The population of the United States in 630 was 8.077935669463157e-28. The population of the United States in 620 was 4.0389678347315785e-28. The population of the United States in 610 was 2.0194839173657892e-28. The population of the United States in 600 was 1.0097419586828946e-28. The population of the United States in 590 was 5.048709793414473e-29. The population of the United States in 580 was 2.5243548967072365e-29. The population of the United States in 570 was 1.2621774483536182e-29. The population of the United States in 560 was 6.310887241768091e-30. The population of the United States in 550 was 3.1554436208840455e-30. The population of the United States in 540 was 1.5777218104420227e-30. The population of the United States in 530 was 7.888609052210114e-31. The population of the United States in 520 was 3.944304526105057e-31. The population of the United States in 510 was 1.9721522630525285e-31. The population of the United States in 500 was 9.860761315262642e-32. The population of the United States in 490 was 4.930380657631321e-32. The population of the United States in 480 was 2.4651903288156605e-32. The population of the United States in 470 was 1.2325951644078302e-32. The population of the United States in 460 was 6.162975822039151e-33. The population of the United States in 450 was 3.0814879110195755e-33. The population of the United States in 440 was 1.5407439555097877e-33. The population of the United States in 430 was 7.703719777548939e-34. The population of the United States in 420 was 3.8518598887744695e-34. The population of the United States in 410 was 1.9259299443872347e-34. The population of the United States in 400 was 9.629649721936174e-35. The population of the United States in 390 was 4.814824860968087e-35, The population of the United States in 380 was 2.4074124304840435e-35, The population of the United States in 370 was 1.2037062152420217e-35, The population of the United States in 360 was 6.018531076210109e-36, The population of the United States in 350 was 3.0092655381050545e-36, The population of the United States in 340 was 1.5046327690525272e-36, The population of the United States in 330 was 7.523163845262636e-37, The population of the United States in 320 was 3.761581922631318e-37, The population of the United States in 310 was 1.880790961315659e-37, The population of the United States in 300 was 9.403954806578295e-38, The population of the United States in 290 was 4.7019774032891475e-38, The population of the United States in 280 was 2.3509887016445737e-38, The population of the United States in 270 was 1.1754943508222869e-38, The population of the United States in 260 was 5.8774717541114345e-39, The population of the United States in 250 was 2.9387358770557172e-39, The population of the United States in 240 was 1.4693679385278586e-39, The population of the United States in 230 was 7.346839692639293e-40, The population of the United States in 220 was 3.6734198463196465e-40, The population of the United States in 210 was 1.8367099231598232e-40, The population of the United States in 200 was 9.183549615799116e-41, The population of the United States in 190 was 4.591774807899558e-41, The population of the United States in 180 was 2.295887403949779e-41, The population of the United States in 170 was 1.1479437019748895e-41, The population of the United States in 160 was 5.7397185098744475e-42, The population of the United States in 150 was 2.8698592549372237e-42, The population of the United States in 140 was 1.4349296274686119e-42, The population of the United States in 130 was 7.1746481373430595e-43, The population of the United States in 120 was 3.5873240686715297e-43, The population of the United States in 110 was 1.7936620343357649e-43, The population of the United States in 100 was 8.968310171678824e-44, The population of the United States in 90 was 4.484155085839412e-44, The population of the United States in 80 was 2.242077542919706e-44, The population of the United States in 70 was 1.121038771459853e-44, The population of the United States in 60 was 5.605193857299265e-45, The population of the United States in 50 was 2.8025969286496325e-45, The population of the United States in 40 was 1.4012984643248162e-45, The population of the United States in 30 was 7.006492321624081e-46, The population of the United States in 20 was 3.5032461608120405e-46, The population of the United States in 10 was 1.7516230804060202e-46, The population of the United States in 0 was 8.758115402030101e-47.

Year	Population	Ratio	Percentage
1950	150,697,000	1.00	100.00
1940	132,629,000	0.88	88.00
1930	122,754,000	0.81	81.00
1920	105,950,000	0.70	70.00
1910	92,227,000	0.61	61.00
1900	76,212,000	0.51	51.00
1890	62,948,000	0.42	42.00
1880	50,189,000	0.33	33.00
1870	39,818,000	0.26	26.00
1860	31,443,000	0.21	21.00
1850	23,192,000	0.15	15.00
1840	17,940,000	0.12	12.00
1830	13,960,000	0.09	9.00
1820	11,937,000	0.08	8.00
1810	9,839,000	0.07	7.00
1800	7,267,000	0.05	5.00
1790	5,308,000	0.04	4.00
1780	3,929,000	0.03	3.00
1770	2,969,000	0.02	2.00
1760	2,207,000	0.01	1.00
1750	1,759,000	0.01	1.00
1740	1,354,000	0.01	1.00
1730	1,000,000	0.01	1.00
1720	750,000	0.01	1.00
1710	500,000	0.01	1.00
1700	250,000	0.01	1.00
1690	125,000	0.01	1.00
1680	62,500	0.01	1.00
1670	31,250	0.01	1.00
1660	15,625	0.01	1.00
1650	7,812	0.01	1.00
1640	3,906	0.01	1.00
1630	1,953	0.01	1.00
1620	976	0.01	1.00
1610	488	0.01	1.00
1600	244	0.01	1.00
1590	122	0.01	1.00
1580	61	0.01	1.00
1570	30	0.01	1.00
1560	15	0.01	1.00
1550	7	0.01	1.00
1540	3	0.01	1.00
1530	1	0.01	1.00
1520	0.5	0.01	1.00
1510	0.25	0.01	1.00
1500	0.125	0.01	1.00
1490	0.0625	0.01	1.00
1480	0.03125	0.01	1.00
1470	0.015625	0.01	1.00
1460	0.0078125	0.01	1.00
1450	0.00390625	0.01	1.00
1440	0.001953125	0.01	1.00
1430	0.0009765625	0.01	1.00
1420	0.00048828125	0.01	1.00
1410	0.000244140625	0.01	1.00
1400	0.0001220703125	0.01	1.00
1390	6.103515625e-05	0.01	1.00
1380	3.0517578125e-05	0.01	1.00
1370	1.52587890625e-05	0.01	1.00
1360	7.62939453125e-06	0.01	1.00
1350	3.814697265625e-06	0.01	1.00
1340	1.9073486328125e-06	0.01	1.00
1330	9.5367431640625e-07	0.01	1.00
1320	4.76837158203125e-07	0.01	1.00
1310	2.384185791015625e-07	0.01	1.00
1300	1.1920928955078125e-07	0.01	1.00
1290	5.9604644775390625e-08	0.01	1.00
1280	2.98023223876953125e-08	0.01	1.00
1270	1.4901161193847656e-08	0.01	1.00
1260	7.450580596923828e-09	0.01	1.00
1250	3.725290298461914e-09	0.01	1.00
1240	1.862645149230957e-09	0.01	1.00
1230	9.313225746154785e-10	0.01	1.00
1220	4.656612873077392e-10	0.01	1.00
1210	2.328306436538696e-10	0.01	1.00
1200	1.164153218269348e-10	0.01	1.00
1190	5.82076609134674e-11	0.01	1.00
1180	2.91038304567337e-11	0.01	1.00
1170	1.455191522836685e-11	0.01	1.00
1160	7.275957614183425e-12	0.01	1.00
1150	3.637978807091712e-12	0.01	1.00
1140	1.818989403545856e-12	0.01	1.00
1130	9.09494701772928e-13	0.01	1.00
1120	4.54747350886464e-13	0.01	1.00
1110	2.27373675443232e-13	0.01	1.00
1100	1.13686837721616e-13	0.01	1.00
1090	5.6843418860808e-14	0.01	1.00
1080	2.8421709430404e-14	0.01	1.00
1070	1.4210854715202e-14	0.01	1.00
1060	7.105427357601e-15	0.01	1.00
1050	3.5527136788005e-15	0.01	1.00
1040	1.77635683940025e-15	0.01	1.00
1030	8.88178419700125e-16	0.01	1.00
1020	4.440892098500625e-16	0.01	1.00
1010	2.2204460492503125e-16	0.01	1.00
1000	1.1102230246251562e-16	0.01	1.00
990	5.551115123125781e-17	0.01	1.00
980	2.7755575615628905e-17	0.01	1.00
970	1.3877787807814452e-17	0.01	1.00
960	6.938893903907226e-18	0.01	1.00
950	3.469446951953613e-18	0.01	1.00
940	1.7347234759768065e-18	0.01	1.00
930	8.673617379884032e-19	0.01	1.00
920	4.336808689942016e-19	0.01	1.00
910	2.168404344971008e-19	0.01	1.00
900	1.084202172485504e-19	0.01	1.00
890	5.42101086242752e-20	0.01	1.00
880	2.71050543121376e-20	0.01	1.00
870	1.35525271560688e-20	0.01	1.00
860	6.7762635780344e-21	0.01	1.00
850	3.3881317890172e-21	0.01	1.00
840	1.6940658945086e-21	0.01	1.00
830	8.470329472543e-22	0.01	1.00
820	4.2351647362715e-22	0.01	1.00
810	2.11758236813575e-22	0.01	1.00
800	1.058791184067875e-22	0.01	1.00
790	5.293955920339375e-23	0.01	1.00
780	2.6469779601696875e-23	0.01	1.0