

## SCIENTIFIC DRILLING INTERNATIONAL

: SANTA FE ENERGY  
 Well Name : SANTA FE/LAMB CHOP 17, STATE COM. #1  
 Location : EDDY COUNTY, NEW MEXICO

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 Date 5/25/91  
 Filename : LAMBCHOP

:  
 :  
 No Interpolation

| MD    | INC  | DIR      | TVD      | +N/-S | +E/-W  | VS    | D'LEG |
|-------|------|----------|----------|-------|--------|-------|-------|
| ft    | deg  | deg      | ft       | ft    | ft     | ft    | °/100 |
| 8000  | 1.00 | N71.44°E | 7998.09  | 89.93 | -9.20  | 53.56 | 0.5   |
| 8100  | 0.34 | N76.84°E | 8098.08  | 90.28 | -8.09  | 52.77 | 0.7   |
| 8200  | 0.48 | N75.96°E | 8198.08  | 90.44 | -7.39  | 52.26 | 0.1   |
| 8300  | 0.74 | S81.65°E | 8298.07  | 90.45 | -6.35  | 51.36 | 0.3   |
| 8400  | 0.48 | S83.23°E | 8398.07  | 90.31 | -5.29  | 50.38 | 0.3   |
| 8500  | 0.35 | S56.35°E | 8498.06  | 90.09 | -4.62  | 49.69 | 0.2   |
| 8600  | 0.96 | S 3.71°E | 8598.06  | 89.09 | -4.31  | 48.91 | 0.8   |
| 8700  | 0.93 | S10.93°W | 8698.04  | 87.45 | -4.41  | 48.17 | 0.2   |
| 8800  | 0.81 | S54.96°W | 8798.03  | 86.25 | -5.15  | 48.19 | 0.7   |
| 8900  | 1.63 | S87.39°W | 8898.01  | 85.78 | -7.14  | 49.68 | 1.0   |
| 9000  | 1.97 | N80.66°W | 8997.96  | 85.99 | -10.26 | 52.47 | 0.5   |
| 9100  | 1.33 | N83.99°W | 9097.92  | 86.39 | -13.11 | 55.13 | 0.6   |
| 9200  | 1.01 | S14.47°W | 9197.91  | 85.66 | -14.49 | 55.94 | 1.5   |
| 9300  | 1.11 | S29.54°W | 9297.89  | 83.97 | -15.18 | 55.68 | 0.3   |
| 9400  | 1.47 | S61.57°W | 9397.86  | 82.51 | -16.79 | 56.33 | 0.8   |
| 9500  | 1.85 | S75.90°W | 9497.82  | 81.51 | -19.48 | 58.14 | 0.6   |
| 9600  | 1.54 | S75.22°W | 9597.78  | 80.77 | -22.35 | 60.24 | 0.3   |
| 9700  | 1.36 | S72.38°W | 9697.75  | 80.07 | -24.78 | 61.98 | 0.2   |
| 9800  | 1.54 | S57.38°W | 9797.71  | 78.99 | -27.04 | 63.38 | 0.4   |
| 9900  | 1.60 | S50.90°W | 9897.68  | 77.38 | -29.26 | 64.47 | 0.2   |
| 10000 | 2.01 | S 7.78°W | 9997.63  | 74.76 | -30.58 | 64.28 | 1.4   |
| 10100 | 3.43 | S 7.09°E | 10097.52 | 70.06 | -30.45 | 61.78 | 1.6   |
| 10200 | 4.60 | S10.99°E | 10197.27 | 63.15 | -29.31 | 57.30 | 1.2   |
| 10300 | 4.18 | S11.27°E | 10296.98 | 55.64 | -27.84 | 52.22 | 0.4   |
| 10400 | 4.06 | S 9.53°E | 10396.72 | 48.58 | -26.54 | 47.51 | 0.2   |
| 10500 | 3.56 | S 0.26°W | 10496.50 | 41.98 | -25.96 | 43.67 | 0.8   |
| 10600 | 2.49 | S11.42°W | 10596.36 | 36.75 | -26.41 | 41.40 | 1.2   |
| 10700 | 1.97 | S21.95°W | 10696.28 | 33.02 | -27.48 | 40.44 | 0.7   |
| 10800 | 1.50 | S29.34°W | 10796.24 | 30.29 | -28.77 | 40.15 | 0.5   |
| 10900 | 1.40 | S40.87°W | 10896.20 | 28.22 | -30.21 | 40.35 | 0.3   |
| 11000 | 1.55 | S73.18°W | 10996.17 | 26.91 | -32.30 | 41.49 | 0.8   |
| 11100 | 1.88 | N84.63°W | 11096.13 | 26.67 | -35.23 | 43.89 | 0.7   |
| 11200 | 1.83 | N80.13°W | 11196.08 | 27.10 | -38.43 | 46.87 | 0.2   |
| 11300 | 1.95 | N74.31°W | 11296.02 | 27.83 | -41.65 | 50.01 | 0.2   |
| 11400 | 1.98 | N75.20°W | 11395.96 | 28.73 | -44.95 | 53.32 | 0.0   |
| 11500 | 2.51 | N76.90°W | 11495.89 | 29.67 | -48.76 | 57.07 | 0.5   |
| 11570 | 2.43 | N74.10°W | 11565.82 | 30.42 | -51.68 | 59.97 | 0.2   |