

Santa Fe Snyder Corporation  
Old Canyon Ranch 7 Federal No. 3, slot #1  
Indian Basin, EDDY COUNTY, NM.

SURVEY LISTING Page 4  
Your ref : Gyro /MWD  
Last revised : 22-Aug-2000

| Measured<br>Depth | Inclin.<br>Degrees | Azimuth<br>Degrees | True Vert<br>Depth | R E C T A N G U L A R<br>C O O R D I N A T E S | Dogleg<br>Deg/100ft | Vert<br>Sect |
|-------------------|--------------------|--------------------|--------------------|------------------------------------------------|---------------------|--------------|
| 5372.00           | 32.60              | 122.80             | 4965.55            | 732.12 S                                       | 1.19                | 1483.34      |
| 5435.00           | 32.30              | 122.90             | 5018.72            | 750.46 S                                       | 0.48                | 1517.09      |
| 5497.00           | 31.90              | 120.80             | 5071.24            | 767.84 S                                       | 1.91                | 1550.00      |
| 5560.00           | 32.40              | 118.20             | 5124.58            | 784.34 S                                       | 2.33                | 1583.51      |
| 5622.00           | 32.10              | 117.50             | 5177.02            | 799.80 S                                       | 0.77                | 1616.59      |
| 5685.00           | 32.10              | 117.50             | 5230.39            | 815.26 S                                       | 0.00                | 1650.05      |
| 5749.00           | 32.20              | 118.50             | 5284.57            | 831.25 S                                       | 0.85                | 1684.09      |
| 5812.00           | 32.60              | 117.90             | 5337.77            | 847.20 S                                       | 0.81                | 1717.84      |
| 5875.00           | 33.10              | 117.30             | 5390.69            | 863.03 S                                       | 0.95                | 1752.00      |
| 5938.00           | 32.30              | 118.40             | 5443.71            | 878.92 S                                       | 1.58                | 1786.02      |
| 6002.00           | 30.80              | 118.50             | 5498.24            | 894.88 S                                       | 2.35                | 1819.50      |
| 6066.00           | 30.30              | 118.10             | 5553.36            | 910.30 S                                       | 0.84                | 1852.03      |
| 6128.00           | 29.40              | 119.60             | 5607.14            | 925.18 S                                       | 1.89                | 1882.88      |
| 6200.00           | 30.40              | 120.20             | 5669.55            | 943.08 S                                       | 1.45                | 1918.77      |
| 6264.00           | 29.80              | 119.60             | 5724.92            | 959.08 S                                       | 1.05                | 1950.87      |
| 6326.00           | 30.80              | 119.10             | 5778.45            | 974.41 S                                       | 1.66                | 1982.15      |
| 6389.00           | 31.50              | 120.30             | 5832.37            | 990.56 S                                       | 1.49                | 2014.73      |
| 6453.00           | 31.90              | 119.90             | 5886.82            | 1007.42 S                                      | 0.71                | 2048.36      |
| 6517.00           | 32.10              | 118.90             | 5941.09            | 1024.07 S                                      | 0.88                | 2082.27      |
| 6579.00           | 32.30              | 118.90             | 5993.56            | 1040.04 S                                      | 0.32                | 2115.31      |
| 6642.00           | 32.40              | 118.30             | 6046.78            | 1056.17 S                                      | 0.53                | 2149.02      |
| 6706.00           | 32.40              | 118.70             | 6100.82            | 1072.54 S                                      | 0.33                | 2183.31      |
| 6769.00           | 32.50              | 118.90             | 6153.98            | 1088.82 S                                      | 0.23                | 2217.11      |
| 6833.00           | 32.50              | 118.90             | 6207.96            | 1105.44 S                                      | 0.00                | 2251.50      |
| 6897.00           | 32.00              | 118.10             | 6262.08            | 1121.74 S                                      | 1.03                | 2285.64      |

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 3607.13 on azimuth 119.51 degrees from wellhead.

Vertical section is from wellhead on azimuth 119.36 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ