

**CORE LABORATORIES, INC.**  
 Petroleum Reservoir Engineering  
 DALLAS, TEXAS

Page No. 1**CORE ANALYSIS RESULTS**

Company TESORO PETROLEUM CORPORATION Formation DAKOTA File RP-3-2327  
 Well WALKER-SANTA FE NO. 16 Core Type DIAMOND 4" Date Report 10-31-68  
 Field SOUTH HOSPAH Drilling Fluid WATER BASE MUD/OIL ADD Analysts GALLOP  
 County MC KINLEY State NEW MEX. Elev. 6913'GL Location 330'FNL 2310'FWL SEC 7-T17N-R8W

**Lithological Abbreviations**

| SAND-SO<br>SHALE-SH<br>LIME-LM | DOLOMITE-DOL<br>CHERT-CH<br>GYPSUM-GYP | ANHYDRITE-ANHY<br>CONGLOMERATE-CONG<br>FOSSILIFEROUS-FOSS | SANDY-SDY<br>SHALY-SHY<br>LIMY-LMY | FINE-FN<br>MEDIUM-MED<br>COARSE-CSE  | CRYSTALLINE-XLN<br>GRAIN-GRN<br>GRANULAR-GRNL | BROWN-BRN<br>GRAY-GY<br>VUGGY-VGY | FRACTURED-FRAC<br>LAMINATION-LAM<br>STYLOLITIC-STY | SLIGHTLY-SL/<br>VERY-V/<br>WITH-W/ |
|--------------------------------|----------------------------------------|-----------------------------------------------------------|------------------------------------|--------------------------------------|-----------------------------------------------|-----------------------------------|----------------------------------------------------|------------------------------------|
| SAMPLE<br>NUMBER               | DEPTH<br>FEET                          | PERMEABILITY<br>MILLIDARCY<br>KA                          | POROSITY<br>PER CENT               | RESIDUAL SATURATION<br>PER CENT PORE |                                               | GAS<br>SAT.                       | SAMPLE DESCRIPTION<br>AND REMARKS                  |                                    |
|                                |                                        |                                                           |                                    | OIL                                  | TOTAL<br>WATER                                |                                   |                                                    |                                    |

**(CONVENTIONAL ANALYSIS)**

|    |             |       |      |      |      |      |                                        |  |
|----|-------------|-------|------|------|------|------|----------------------------------------|--|
| 1  | 2511.0-12.0 | <0.01 | 19.2 | 1.0  | 91.5 |      | Sh, Lt Gy, V/Fn Grn, Lmy, Chty         |  |
| 2  | 12.0-13.0   | <0.01 | 12.3 | 0.0  | 90.8 |      | Sh, Lt Gy, V/Fn Grn, Sndy              |  |
| 3  | 13.0-14.0   | 0.62  | 10.3 | 1.9  | 89.2 |      | Sh, Lt Gy, V/Fn Grn, W/Vert Frac       |  |
| 4  | 14.0-15.0   | 0.20  | 10.0 | 2.0  | 88.0 |      | Sh, Lt Gy, V/Fn Grn, W/Vert Frac, Sndy |  |
| 5  | 15.0-16.0   | 3.1   | 14.6 | 0.0  | 71.9 |      | Sd, Gy, Fn Grn, Shaly                  |  |
| 6  | 16.0-17.0   | 1.5   | 21.5 | 0.9  | 63.5 | 35.6 | Sd, Gy, Fn Grn, Shaly, Lmy             |  |
| 7  | 17.0-18.0   | 10    | 25.1 | 0.8  | 48.7 | 50.5 | Sd, Gy, Fn Grn, Shaly, Lmy             |  |
| 8  | 18.0-19.0   | 17    | 24.6 | 3.2  | 43.6 | 53.2 | Sd, Gy, Fn Grn, Lmy, W/Vert Frac       |  |
| 9  | 19.0-20.0   | 0.41  | 21.5 | 0.9  | 59.8 | 39.3 | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 10 | 20.0-21.0   | 0.62  | 21.3 | 0.9  | 61.0 | 38.1 | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 11 | 21.0-22.0   | 0.41  | 20.1 | 1.0  | 57.7 | 41.3 | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 12 | 22.0-23.0   | 7.8   | 25.3 | 4.4  | 40.6 | 55.0 | Sd, Gy, Fn Grn, Lmy                    |  |
| 13 | 23.0-24.0   | 9.5   | 24.3 | 4.5  | 44.8 | 50.7 | Sd, Gy, Fn Grn, Lmy                    |  |
| 14 | 24.0-25.0   | 0.20  | 17.6 | 1.1  | 61.6 | 37.3 | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 15 | 25.0-26.0   | 0.41  | 20.3 | 1.0  | 58.1 | 40.9 | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 16 | 26.0-27.0   | 15    | 24.0 | 4.2  | 41.7 | 54.1 | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 17 | 27.0-28.0   | 12    | 23.3 | 5.1  | 39.1 | 55.8 | Sd, Gy, Fn Grn, Lmy                    |  |
| 18 | 28.0-29.0   | 6.4   | 23.1 | 5.6  | 44.9 | 49.5 | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 19 | 29.0-30.0   | <0.01 | 14.9 | 0.0  | 77.1 | 22.9 | Sd, Gy, Fn Grn, Lmy, Shaly             |  |
| 20 | 30.0-31.0   | <0.01 | 18.2 | 0.0  | 73.1 | 26.9 | Sd, Gy, Fn Grn, Lmy, Shaly             |  |
| 21 | 31.0-32.0   | 4.5   | 23.6 | 4.7  | 63.7 | 31.6 | Sd, Gy, Fn Grn, Lmy, Shaly             |  |
| 22 | 32.0-33.0   | 9.1   | 20.5 | 7.4  | 56.8 | 35.8 | Sd, Gy, Fn Grn, Lmy                    |  |
| 23 | 33.0-34.0   | 5.8   | 23.5 | 6.0  | 59.9 | 34.1 | Sd, Gy, Fn Grn, Lmy                    |  |
| 24 | 34.0-35.0   | 1.0   | 15.0 | 1.3  | 63.9 | 34.8 | Sd, Gy, Fn Grn, Lmy                    |  |
| 25 | 35.0-36.0   | 0.83  | 16.4 | 0.0  | 62.8 | 37.2 | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 26 | 36.0-37.0   | 0.40  | 17.8 | 0.0  | 77.5 |      | Sd, Gy, Fn Grn, Shaly                  |  |
| 27 | 37.0-38.0   | 1.0   | 22.3 | 0.9  | 73.5 |      | Sd, Gy, Fn Grn, Lmy                    |  |
| 28 | 38.0-39.0   | 0.04  | 15.0 | 3.3  | 78.5 |      | Sd, Gy, Fn Grn, Shaly                  |  |
| 29 | 39.0-40.0   | 0.41  | 13.0 | 1.5  | 57.6 |      | Sd, Gy, Fn Grn, Lmy                    |  |
| 30 | 40.0-41.0   | 0.20  | 11.5 | 0.0  | 51.3 |      | Sd, Gy, Fn Grn, Lmy                    |  |
| 31 | 41.0-42.0   | 0.02  | 12.9 | 5.4  | 68.1 |      | Sd, Gy, Fn Grn, Lmy, Sl/Shaly          |  |
| 32 | 2571.5-72.0 | 0.41  | 21.0 | 12.4 | 52.8 |      | Sd, Gy, Fn Grn, Sl/Shaly               |  |
| 33 | 72.0-73.0   | 0.41  | 21.3 | 9.4  | 60.0 |      | Sd, Gy, Fn Grn, W/Shale Laminations    |  |
| 34 | 73.0-74.0   | 0.01  | 15.9 | 1.3  | 82.3 |      | Sd, Gy, Fn Grn, Sl/Shaly               |  |
| 35 | 74.0-75.0   | 0.02  | 20.7 | 0.0  | 81.2 |      | Sd, Gy, Fn Grn                         |  |
| 36 | 75.0-76.0   | 0.04  | 24.2 | 0.0  | 71.0 |      | Sd, Gy, Fn Grn, Sl/Shaly               |  |
| 37 | 76.0-77.0   | 0.04  | 17.7 | 0.0  | 77.9 |      | Sd, Gy, Fn Grn, Shaly                  |  |

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## CORE ANALYSIS RESULTS

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| SAMPLE<br>NUMBER | DEPTH<br>FEET | PERMEABILITY<br>MILLIDARCS<br>KA | POROSITY<br>PER CENT | RESIDUAL SATURATION<br>PER CENT PORE |                | SAMPLE DESCRIPTION<br>AND REMARKS                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|---------------|----------------------------------|----------------------|--------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |               |                                  |                      | OIL                                  | TOTAL<br>WATER |                                                                                                                                                                                                                                                                                                                                                                                                      |
|                  |               |                                  |                      |                                      |                | SAND-SD<br>SHALE-SH<br>LIME-LM<br>DOLOMITE-DOL<br>CHERT-CH<br>GYPSUM-GYP<br>ANHYDRITE-ANHY<br>CONGLOMERATE-CONG<br>FOSSILIFEROUS-FOSS<br>SANDY-SDY<br>SHALY-SHY<br>LIMY-LMY<br>FINE-FN<br>MEDIUM-MED<br>COARSE-CSE<br>CRYSTALLINE-XLN<br>GRAIN-GRN<br>GRANULAR-GRNL<br>BROWN-BRN<br>GRAY-GY<br>VUGGY-VGY<br>FRACTURED-FRAC<br>LAMINATION-LAM<br>STYLOLITIC-STY<br>SLIGHTLY-SL/<br>VERY-V/<br>WITH-W/ |
| 38               | 2577.0-78.0   | 0.02                             | 14.5                 | 0.0                                  | 80.7           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 39               | 78.0-78.5     | 0.01                             | 11.8                 | 1.6                                  | 84.7           | Sd, Gy, Fn Grn, Shaly, Vert Frac                                                                                                                                                                                                                                                                                                                                                                     |
| 40               | 2579.0-80.0   | 0.62                             | 13.1                 | 1.5                                  | 79.4           | Sd, Gy, Fn Grn, Shaly, Vert Frac                                                                                                                                                                                                                                                                                                                                                                     |
| 41               | 80.0-81.0     | 1.7                              | 27.2                 | 0.0                                  | 74.7           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 42               | 81.0-82.0     | 15                               | 28.8                 | 0.0                                  | 73.5           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 43               | 82.0-83.0     | 1.0                              | 23.0                 | 0.0                                  | 70.8           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 44               | 83.0-84.0     | 1.5                              | 25.3                 | 0.0                                  | 75.5           | Sd, Gy, Fn Grn, Sl/Shaly, Vert Frac                                                                                                                                                                                                                                                                                                                                                                  |
| 45               | 84.0-85.0     | 0.83                             | 22.4                 | 0.0                                  | 72.7           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 46               | 85.0-86.0     | 0.41                             | 23.6                 | 0.0                                  | 70.0           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 47               | 86.0-87.0     | 1.5                              | 24.2                 | 0.0                                  | 77.3           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 48               | 87.0-88.0     | 3.1                              | 22.1                 | 0.9                                  | 74.6           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 49               | 88.0-89.0     | 7.8                              | 23.8                 | 0.0                                  | 74.8           | Sd, Gy, Fn Grn, Sl/Shaly, Vert Frac                                                                                                                                                                                                                                                                                                                                                                  |
| 50               | 89.0-90.0     | 4.1                              | 23.3                 | 0.9                                  | 76.6           | Sd, Gy, Fn Grn, Sl/Shaly, Vert Frac                                                                                                                                                                                                                                                                                                                                                                  |
| 51               | 90.0-91.0     | 2.3                              | 22.3                 | 0.0                                  | 56.1           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 52               | 91.0-92.0     | 1.7                              | 17.9                 | 0.0                                  | 60.9           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 53               | 92.0-93.0     | 3.5                              | 23.9                 | 0.0                                  | 64.4           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 54               | 93.0-94.0     | 1.0                              | 19.9                 | 0.0                                  | 72.3           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 55               | 94.0-95.0     | 0.83                             | 18.3                 | 0.0                                  | 68.8           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 56               | 95.0-96.0     | 0.62                             | 18.5                 | 0.0                                  | 60.1           | Sd, Gy, Fn Grn, Sl/Shaly                                                                                                                                                                                                                                                                                                                                                                             |
| 57               | 96.0-97.0     | 0.20                             | 13.1                 | 0.0                                  | 79.4           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 58               | 97.0-98.0     | 0.41                             | 14.4                 | 0.0                                  | 75.0           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 59               | 98.0-99.0     | 0.20                             | 14.5                 | 0.0                                  | 72.9           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 60               | 2599.0-00.0   | 0.20                             | 10.9                 | 0.0                                  | 77.1           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 61               | 2600.0-01.0   | 0.08                             | 8.9                  | 0.0                                  | 75.2           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 62               | 01.0-02.0     | 2.3                              | 15.2                 | 0.0                                  | 65.7           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 63               | 02.0-03.0     | 0.10                             | 16.2                 | 0.0                                  | 68.6           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 64               | 03.0-04.0     | 0.20                             | 9.5                  | 0.0                                  | 76.9           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 65               | 04.0-05.0     | 0.20                             | 11.0                 | 1.8                                  | 79.1           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 66               | 05.0-06.0     | 1.5                              | 15.1                 | 0.0                                  | 68.8           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 67               | 06.0-07.0     | 0.83                             | 15.6                 | 0.0                                  | 66.5           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 68               | 07.0-08.0     | 0.62                             | 20.0                 | 0.0                                  | 68.0           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 69               | 08.0-09.0     | 0.20                             | 13.0                 | 0.0                                  | 76.8           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 70               | 09.0-10.0     | 0.20                             | 15.5                 | 0.0                                  | 73.0           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 71               | 10.0-11.0     | 0.20                             | 16.6                 | 0.0                                  | 76.6           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 72               | 11.0-12.0     | 0.02                             | 16.9                 | 0.0                                  | 71.6           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 73               | 12.0-13.0     | 0.41                             | 16.5                 | 0.0                                  | 74.5           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 74               | 13.0-14.0     | 0.13                             | 14.4                 | 0.0                                  | 85.3           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 75               | 14.0-15.0     | 0.62                             | 15.9                 | 0.0                                  | 83.6           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |
| 76               | 15.0-16.0     | 2.1                              | 14.4                 | 0.0                                  | 81.2           | Sd, Gy, Fn Grn, Shaly                                                                                                                                                                                                                                                                                                                                                                                |

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CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering  
DALLAS, TEXAS

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## CORE ANALYSIS RESULTS

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| SAMPLE<br>NUMBER | DEPTH<br>FEET | PERMEABILITY<br>MILLIDARCYS<br>KA | POROSITY<br>PER CENT | RESIDUAL SATURATION<br>PER CENT PORE |                | SAMPLE DESCRIPTION<br>AND REMARKS    |
|------------------|---------------|-----------------------------------|----------------------|--------------------------------------|----------------|--------------------------------------|
|                  |               |                                   |                      | OIL                                  | TOTAL<br>WATER |                                      |
| 77               | 2616.0-17.0   | 0.04                              | 11.0                 | 0.0                                  | 81.6           | Sd, Gy, Fn Grn, Shaly                |
| 78               | 17.0-18.0     | 0.08                              | 11.8                 | 0.0                                  | 83.0           | Sd, Gy, Fn Grn, Shaly                |
| 79               | 18.0-19.0     | 0.05                              | 10.7                 | 1.9                                  | 86.1           | Sd, Gy, Fn Grn, V/Shaly              |
| 80               | 19.0-20.0     | 1.7                               | 12.4                 | 0.0                                  | 78.8           | Sd, Gy, Fn Grn, V/Shaly              |
| 81               | 20.0-21.0     | 0.62                              | 11.8                 | 0.0                                  | 77.8           | Sd, Gy, Fn Grn, V/Shaly              |
| 82               | 21.0-22.0     | 0.20                              | 6.8                  | 0.0                                  | 82.3           | Sd, Gy, Fn Grn, V/Shaly              |
| 83               | 22.0-23.0     | 0.20                              | 9.7                  | 0.0                                  | 79.3           | Sd, Gy, Fn Grn, V/Shaly              |
| 84               | 2664.0-65.0   | 0.41                              | 18.7                 | 1.1                                  | 87.0           | Sd, Gy, Fn Grn, V/Shaly              |
| 85               | 2666.0-67.0   | 2.3                               | 22.3                 | 2.2                                  | 71.2           | Sd, Gy, Fn Grn, V/Shaly              |
| 86               | 67.0-68.0     | 6.8                               | 23.4                 | 0.0                                  | 66.6           | Sd, Green, Med Grn, Shaly            |
| 87               | 68.0-69.0     | 340                               | 32.0                 | 0.0                                  | 79.3           | Sd, Gy, Med Grn, W/Bentonite         |
| 88               | 69.0-70.0     | 40                                | 21.9                 | 0.0                                  | 80.8           | Sd, Gy, Cse Grn, W/Bentonite         |
| 89               | 70.0-71.0     | 180                               | 25.5                 | 0.0                                  | 77.6           | Sd, Gy, Cse Grn, W/Bentonite         |
| 90               | 71.0-72.0     | 240                               | 26.5                 | 0.0                                  | 79.6           | Sd, Gy, Cse Grn, W/Bentonite         |
| 91               | 72.0-73.0     | 290                               | 26.9                 | 0.0                                  | 78.0           | Sd, Gy, Cse Grn, W/Bentonite         |
| 92               | 73.0-74.0     | 270                               | 24.6                 | 0.0                                  | 75.9           | Sd, Gy, Cse Grn                      |
| 93               | 74.0-75.0     | 260                               | 28.0                 | 0.0                                  | 76.4           | Sd, Gy, Cse Grn                      |
| 94               | 75.0-76.0     | 180                               | 26.8                 | 0.0                                  | 80.6           | Sd, Gy, Med Grn, Shaly               |
| 95               | 76.0-77.0     | 5.4                               | 23.5                 | 0.0                                  | 66.8           | Sd, Wh, Med Grn                      |
| 96               | 77.0-78.0     | 8.4                               | 21.1                 | 0.0                                  | 63.5           | Sd, Wh, Med Grn                      |
| 97               | 78.0-79.0     | 27                                | 24.9                 | 0.0                                  | 73.0           | Sd, Wh, Med Grn                      |
| 98               | 79.0-80.0     | 16                                | 20.1                 | 0.0                                  | 70.1           | Sd, Wh, Med Grn                      |
| 99               | 80.0-81.0     | 39                                | 25.4                 | 0.0                                  | 74.7           | Sd, Wh, Med Grn                      |
| 100              | 81.0-82.0     | 15                                | 22.9                 | 0.0                                  | 74.5           | Sd, Wh, Med Grn                      |
| 101              | 82.0-83.0     | 16                                | 23.3                 | 0.0                                  | 72.5           | Sd, Wh, Med Grn                      |
| 102              | 83.0-84.0     | 14                                | 23.3                 | 0.0                                  | 67.5           | Sd, Wh, Fn Grn                       |
| 103              | 84.0-85.0     | 6.4                               | 19.5                 | 0.0                                  | 66.8           | Sd, Wh, Fn Grn                       |
| 104              | 85.0-86.0     | 4.1                               | 20.1                 | 0.0                                  | 74.6           | Sd, Wh, Fn Grn, Sl/Shaly, Vert Frac  |
| 105              | 86.0-87.0     | 51                                | 25.1                 | 0.0                                  | 79.6           | Sd, Gy, Fn Grn, Sl/Shaly, Vert Frac  |
| 106              | 87.0-88.0     | 300                               | 29.3                 | 0.0                                  | 83.6           | Sd, Gy, Fn Grn, Sl/Shaly, Vert Frac  |
| 107              | 88.0-89.0     | 77                                | 29.1                 | 0.0                                  | 84.8           | Sd, Gy, Vn Grn, Sl/Shaly, Vert Frac  |
| 108              | 89.0-90.0     | 23                                | 23.4                 | 0.0                                  | 78.8           | Sd, Gy, Med Grn, Sl/Shaly, Vert Frac |
| 109              | 90.0-91.0     | 86                                | 28.4                 | 0.0                                  | 77.5           | Sd, Gy, Med Grn, Sl/Shaly, Vert Frac |
| 110              | 91.0-92.0     | 115                               | 26.8                 | 0.0                                  | 76.5           | Sd, Gy, Med Grn, Sl/Shaly, Vert Frac |
| 111              | 92.0-93.0     | 175                               | 28.6                 | 0.0                                  | 66.8           | Sd, Gy, Med Grn, Sl/Shaly, Vert Frac |

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CORE ANALYSIS FOR

TESORO PETROLEUM CORPORATION

NO. 16 WALKER-SANTA FE WELL

SOUTH <sup>HOSPAN</sup>~~HOSBACK~~ FIELD

McKINLEY COUNTY, NEW MEXICO



CORE