

|               |      |                      |         |                  |         |               |        |        |              |                 |                 |                      |                     |             |        |
|---------------|------|----------------------|---------|------------------|---------|---------------|--------|--------|--------------|-----------------|-----------------|----------------------|---------------------|-------------|--------|
| OPERATOR:     |      | Mewbourne Oil Co.    |         |                  |         |               |        |        | Supervisors: |                 |                 | TARGET N-S           |                     | Directional |        |
| WELL:         |      | Wyatt Draw 24 KC #1H |         |                  |         |               |        |        | Bill Lamb    |                 |                 | DD                   | TARGET E-W          |             |        |
| LOCATION:     |      | Eddy County NM       |         |                  |         |               |        |        | Roman Duran  |                 |                 | DD                   | TARGET RADIUS       |             |        |
| JOB NUMBER:   |      | WT-11132             |         |                  |         |               |        |        |              |                 |                 | MWD                  | TARGET DISPLACEMENT |             |        |
| COMMENTS:     |      |                      |         |                  |         |               |        |        |              |                 | MWD             | TARGET CLOSURE       |                     |             |        |
|               |      |                      |         |                  |         |               |        |        |              |                 | KBTVD           |                      | Horizontal          | 2759.00     |        |
|               |      |                      |         |                  |         |               |        |        |              |                 | DIP AZ          |                      |                     | 0.00        |        |
|               |      |                      |         |                  |         |               |        |        |              |                 | DIP DEG UP+/DN- |                      |                     | 0.49        |        |
| DATE: 3/16/11 |      |                      |         | TIME: 6:02 AM    |         |               |        |        |              |                 |                 | TARGET INCLINATION   | 90.49               |             |        |
| Target        |      | MD                   | TVD     | Vertical Section |         | SECTION PLANE |        |        | 1.06         | TARGET TRACKING |                 | Magnetic Declination |                     | 8.08        |        |
|               |      | 6500                 | 2725.10 | 3988.10          |         |               |        |        |              | TO CENTER       |                 | CLOSURE              | CLOSURE             | BUILD       | WALK   |
| SVY           | MD   | INC                  | TRUE    | COURSE           |         |               |        | 73.7   | DLS/         | ABOVE(+)        | RIGHT(+)        | DIR                  | DISTANCE            | RATE/       | RATE/  |
| NUM           |      |                      | AZM     | LENGTH           | TVD     | SECT          | N-S    | E-W    | 100          | BELOW(-)        | LEFT(-)         | (DEG AZ)             | (FEET)              | °/100'      | °/100' |
| Tie           | 2004 | 0.59                 | 296.87  | 2004.00          | 2003.89 | -3.92         | -3.56  | -19.19 |              | 755.14          | -19.15          | 259.49               | 19.52               |             |        |
| 1             | 2087 | 0.70                 | 295.10  | 83.00            | 2086.88 | -3.52         | -3.15  | -20.03 | 0.13         | 672.14          | -19.97          | 261.06               | 20.28               | 0.13        | -0.02  |
| 2             | 2118 | 0.70                 | 319.30  | 31.00            | 2117.88 | -3.30         | -2.93  | -20.33 | 0.95         | 641.14          | -20.27          | 261.80               | 20.54               | 0.00        | 0.95   |
| 3             | 2150 | 0.80                 | 317.10  | 32.00            | 2149.88 | -3.00         | -2.62  | -20.60 | 0.33         | 609.14          | -20.55          | 262.76               | 20.77               | 0.31        | -0.09  |
| 4             | 2182 | 1.90                 | 3.60    | 32.00            | 2181.87 | -2.31         | -1.92  | -20.72 | 4.59         | 577.15          | -20.68          | 264.70               | 20.81               | 3.44        | -3.33  |
| 5             | 2213 | 5.00                 | 9.50    | 31.00            | 2212.81 | -0.46         | -0.08  | -20.47 | 10.05        | 546.19          | -20.46          | 269.78               | 20.47               | 10.00       | 1.14   |
| 6             | 2244 | 8.00                 | 9.30    | 31.00            | 2243.61 | 3.02          | 3.38   | -19.90 | 9.68         | 515.36          | -19.96          | 279.65               | 20.18               | 9.68        | -0.07  |
| 7             | 2275 | 11.50                | 8.30    | 31.00            | 2274.16 | 8.22          | 8.57   | -19.10 | 11.30        | 484.77          | -19.26          | 294.17               | 20.94               | 11.29       | -0.55  |
| 8             | 2307 | 15.60                | 6.10    | 32.00            | 2305.26 | 15.67         | 16.01  | -18.18 | 12.91        | 453.60          | -18.48          | 311.36               | 24.23               | 12.81       | -1.61  |
| 9             | 2338 | 19.30                | 5.40    | 31.00            | 2334.83 | 24.94         | 25.26  | -17.26 | 11.95        | 423.96          | -17.72          | 325.66               | 30.59               | 11.94       | -0.68  |
| 10            | 2369 | 22.30                | 6.00    | 31.00            | 2363.80 | 35.91         | 36.21  | -16.16 | 9.70         | 394.89          | -16.83          | 335.95               | 39.65               | 9.68        | 0.69   |
| 11            | 2401 | 25.60                | 6.30    | 32.00            | 2393.04 | 48.84         | 49.12  | -14.77 | 10.32        | 365.54          | -15.67          | 343.27               | 51.30               | 10.31       | 0.38   |
| 12            | 2433 | 28.70                | 6.30    | 32.00            | 2421.51 | 63.38         | 63.64  | -13.17 | 9.69         | 336.94          | -14.34          | 348.31               | 64.98               | 9.69        | 0.00   |
| 13            | 2464 | 31.80                | 7.00    | 31.00            | 2448.29 | 78.92         | 79.15  | -11.35 | 10.06        | 310.03          | -12.81          | 351.84               | 79.96               | 10.00       | 0.01   |
| 14            | 2495 | 35.10                | 7.60    | 31.00            | 2474.15 | 95.91         | 96.09  | -9.18  | 10.70        | 284.03          | -10.95          | 354.54               | 96.53               | 10.65       | 0.01   |
| 15            | 2527 | 38.10                | 7.70    | 32.00            | 2499.84 | 114.86        | 115.00 | -6.64  | 9.38         | 258.18          | -8.76           | 356.70               | 115.19              | 9.38        | 0.00   |
| 16            | 2558 | 40.60                | 8.30    | 31.00            | 2523.81 | 134.37        | 134.46 | -3.90  | 8.16         | 234.04          | -6.39           | 358.34               | 134.52              | 8.06        | 0.01   |
| 17            | 2590 | 43.20                | 8.80    | 32.00            | 2547.63 | 155.55        | 155.59 | -0.72  | 8.19         | 210.04          | -3.60           | 359.73               | 155.59              | 8.12        | 0.01   |
| 18            | 2621 | 45.20                | 9.10    | 31.00            | 2569.85 | 176.96        | 176.94 | 2.64   | 6.49         | 187.64          | -0.63           | 0.86                 | 176.96              | 6.45        | 0.01   |
| 19            | 2653 | 47.10                | 8.80    | 32.00            | 2592.02 | 199.82        | 199.74 | 6.23   | 5.98         | 165.28          | 2.54            | 1.79                 | 199.83              | 5.94        | -0.01  |
| 20            | 2683 | 48.80                | 8.80    | 30.00            | 2612.11 | 221.89        | 221.75 | 9.64   | 5.67         | 144.99          | 5.54            | 2.49                 | 221.96              | 5.67        | 0.00   |
| 21            | 2715 | 51.30                | 7.40    | 32.00            | 2632.66 | 246.23        | 246.03 | 13.09  | 8.50         | 124.24          | 8.54            | 3.05                 | 246.38              | 7.81        | -0.04  |
| 22            | 2746 | 54.50                | 5.70    | 31.00            | 2651.35 | 270.84        | 270.59 | 15.90  | 11.21        | 105.33          | 10.89           | 3.36                 | 271.06              | 10.32       | -0.05  |
| 23            | 2777 | 57.50                | 4.80    | 31.00            | 2668.69 | 296.47        | 296.18 | 18.25  | 9.97         | 87.78           | 12.77           | 3.53                 | 296.74              | 9.68        | -0.03  |
| 24            | 2808 | 60.70                | 3.70    | 31.00            | 2684.61 | 323.02        | 322.71 | 20.22  | 10.76        | 71.63           | 14.24           | 3.58                 | 323.34              | 10.32       | -0.03  |



# **SURVEY CALCULATION PROGRAM**

v1.00.02

## **TARGET DETAILS**

|               |      |                      |                  |        |               |              |         |                 |       |                      |                 |                     |            |         |        |        |
|---------------|------|----------------------|------------------|--------|---------------|--------------|---------|-----------------|-------|----------------------|-----------------|---------------------|------------|---------|--------|--------|
| OPERATOR:     |      | Mewbourne Oil Co.    |                  |        |               | Supervisors: |         |                 |       | TARGET N-S           |                 | Directional         |            |         |        |        |
| WELL:         |      | Wyatt Draw 24 KC #1H |                  |        |               | Bill Lamb    |         |                 |       | DD                   |                 | TARGET E-W          |            |         |        |        |
| LOCATION:     |      | Eddy County NM       |                  |        |               | Roman Duran  |         |                 |       | DD                   |                 | TARGET RADIUS       |            |         |        |        |
| JOB NUMBER:   |      | WT-11132             |                  |        |               |              |         |                 |       | MWD                  |                 | TARGET DISPLACEMENT |            |         |        |        |
| COMMENTS:     |      |                      |                  |        |               |              |         |                 |       | MWD                  |                 | TARGET CLOSURE      |            |         |        |        |
|               |      |                      |                  |        |               |              |         |                 |       |                      | KBTVD           |                     | Horizontal | 2759.00 |        |        |
|               |      |                      |                  |        |               |              |         |                 |       |                      | DIP AZ          |                     |            |         | 0.00   |        |
|               |      |                      |                  |        |               |              |         |                 |       |                      | DIP DEG UP+/DN- |                     |            |         |        | 0.49   |
| DATE: 3/16/11 |      | TIME: 6:02 AM        |                  |        |               |              |         |                 |       | TARGET INCLINATION   |                 | 90.49               |            |         |        |        |
| Target        | MD   | TVD                  | Vertical Section |        | SECTION PLANE |              | 1.06    | TARGET TRACKING |       | Magnetic Declination |                 |                     | 8.08       |         |        |        |
|               | 6500 | 2725.10              | 3988.10          |        |               |              |         | TO CENTER       |       |                      |                 |                     |            |         |        |        |
| SVY           | MD   | INC                  | TRUE             | COURSE |               |              | 73.7    | DLS/            |       | ABOVE(+)             | RIGHT(+)        | DIR                 | CLOSURE    | CLOSURE | BUILD  | WALK   |
| NUM           |      |                      | AZM              | LENGTH | TVD           | SECT         | N-S     | E-W             | 100   | BELOW(-)             | LEFT(-)         | (DEG AZ)            | DISTANCE   | (FEET)  | RATE/  | RATE/  |
|               |      |                      |                  |        |               |              |         |                 |       |                      |                 |                     |            |         | %/100' | %/100' |
| 25            | 2839 | 64.30                | 3.40             | 31.00  | 2698.92       | 350.49       | 350.15  | 21.92           | 11.64 | 57.09                | 15.44           | 3.58                | 350.83     |         | 11.61  | -0.01  |
| 26            | 2871 | 67.90                | 3.10             | 32.00  | 2711.88       | 379.72       | 379.35  | 23.58           | 11.28 | 43.88                | 16.55           | 3.56                | 380.08     |         | 11.25  | -0.01  |
| 27            | 2901 | 71.20                | 3.10             | 30.00  | 2722.36       | 407.81       | 407.41  | 25.10           | 11.00 | 33.16                | 17.55           | 3.52                | 408.19     |         | 11.00  | 0.00   |
| 28            | 2933 | 74.60                | 2.80             | 32.00  | 2731.77       | 438.37       | 437.95  | 26.67           | 10.66 | 23.49                | 18.56           | 3.48                | 438.77     |         | 10.62  | -0.01  |
| 29            | 2964 | 78.40                | 2.10             | 31.00  | 2739.00       | 468.50       | 468.06  | 27.96           | 12.45 | 15.99                | 19.29           | 3.42                | 468.90     |         | 12.26  | -0.02  |
| 30            | 2995 | 81.60                | 2.00             | 31.00  | 2744.39       | 499.02       | 498.57  | 29.05           | 10.33 | 10.35                | 19.82           | 3.33                | 499.42     |         | 10.32  | 0.00   |
| 31            | 3026 | 82.60                | 2.00             | 31.00  | 2748.65       | 529.72       | 529.26  | 30.12           | 3.23  | 5.83                 | 20.32           | 3.26                | 530.11     |         | 3.23   | 0.00   |
| 32            | 3058 | 85.70                | 2.00             | 32.00  | 2751.91       | 561.55       | 561.07  | 31.23           | 9.69  | 2.29                 | 20.84           | 3.19                | 561.94     |         | 9.69   | 0.00   |
| 33            | 3089 | 88.90                | 1.60             | 31.00  | 2753.37       | 592.51       | 592.01  | 32.20           | 10.40 | 0.57                 | 21.24           | 3.11                | 592.89     |         | 10.32  | -0.01  |
| 34            | 3120 | 90.30                | 0.70             | 31.00  | 2753.58       | 623.51       | 623.01  | 32.82           | 5.37  | 0.09                 | 21.29           | 3.02                | 623.87     |         | 4.52   | -0.03  |
| 35            | 3140 | 90.40                | 1.20             | 20.00  | 2753.46       | 643.51       | 643.00  | 33.16           | 2.55  | 0.04                 | 21.25           | 2.95                | 643.86     |         | 0.50   | 0.03   |
| 36            | 3200 | 91.20                | 1.00             | 60.00  | 2752.62       | 703.50       | 702.98  | 34.31           | 1.37  | 0.36                 | 21.30           | 2.79                | 703.82     |         | 1.33   | 0.00   |
| 37            | 3232 | 90.90                | 1.30             | 32.00  | 2752.04       | 735.49       | 734.97  | 34.95           | 1.33  | 0.68                 | 21.35           | 2.72                | 735.80     |         | -0.94  | 0.01   |
| 38            | 3264 | 90.90                | 1.10             | 32.00  | 2751.54       | 766.96       | 766.96  | 35.62           | 0.62  | 0.91                 | 21.41           | 2.66                | 767.79     |         | 0.00   | -0.01  |
| 39            | 3328 | 91.10                | 1.60             | 64.00  | 2750.42       | 830.93       | 830.93  | 37.13           | 0.84  | 1.48                 | 21.73           | 2.56                | 831.76     |         | 0.31   | 0.01   |
| 40            | 3391 | 90.40                | 1.50             | 63.00  | 2749.59       | 893.91       | 893.91  | 38.83           | 1.12  | 1.76                 | 22.27           | 2.49                | 894.75     |         | -1.11  | 0.00   |
| 41            | 3455 | 90.00                | 0.70             | 64.00  | 2749.37       | 958.47       | 957.89  | 40.06           | 1.40  | 1.44                 | 22.33           | 2.39                | 958.73     |         | -0.63  | -0.01  |
| 42            | 3518 | 90.00                | 0.80             | 63.00  | 2749.37       | 1021.47      | 1020.89 | 40.88           | 0.16  | 0.90                 | 21.99           | 2.29                | 1021.71    |         | 0.00   | 0.00   |
| 43            | 3582 | 90.10                | 1.60             | 64.00  | 2749.31       | 1085.47      | 1084.87 | 42.22           | 1.26  | 0.41                 | 22.15           | 2.23                | 1085.69    |         | 0.16   | 0.01   |
| 44            | 3645 | 89.90                | 1.60             | 63.00  | 2749.31       | 1148.47      | 1147.85 | 43.98           | 0.32  | -0.13                | 22.74           | 2.19                | 1148.69    |         | -0.32  | 0.00   |
| 45            | 3709 | 89.40                | 0.10             | 64.00  | 2749.71       | 1212.46      | 1211.84 | 44.93           | 2.47  | -1.07                | 22.51           | 2.12                | 1212.67    |         | -0.78  | -0.02  |
| 46            | 3772 | 88.90                | 359.10           | 63.00  | 2750.64       | 1275.43      | 1274.83 | 44.49           | 1.77  | -2.54                | 20.90           | 2.00                | 1275.60    |         | -0.79  | 0.02   |
| 47            | 3835 | 89.90                | 0.40             | 63.00  | 2751.30       | 1338.41      | 1337.82 | 44.22           | 2.60  | -3.74                | 19.46           | 1.89                | 1338.55    |         | 1.59   | -0.02  |
| 48            | 3899 | 89.90                | 359.40           | 64.00  | 2751.41       | 1402.40      | 1401.82 | 44.11           | 1.56  | -4.40                | 18.17           | 1.80                | 1402.51    |         | 0.00   | 0.02   |
| 49            | 3962 | 90.40                | 0.40             | 63.00  | 2751.25       | 1465.38      | 1464.82 | 44.00           | 1.77  | -4.77                | 16.89           | 1.72                | 1465.48    |         | 0.79   | -0.02  |



# **SURVEY CALCULATION PROGRAM**

v1.00.02

## **TARGET DETAILS**

|                      |           |                      |                |                         |            |                      |            |            |             |                 |                        |                      |                 |               |               |              |
|----------------------|-----------|----------------------|----------------|-------------------------|------------|----------------------|------------|------------|-------------|-----------------|------------------------|----------------------|-----------------|---------------|---------------|--------------|
| <b>OPERATOR:</b>     |           | Mewbourne Oil Co.    |                |                         |            | <b>Supervisors:</b>  |            |            |             | TARGET N-S      |                        | Directional          |                 |               |               |              |
| <b>WELL:</b>         |           | Wyatt Draw 24 KC #1H |                |                         |            | Bill Lamb            |            |            |             | DD              |                        | TARGET E-W           |                 |               |               |              |
| <b>LOCATION:</b>     |           | Eddy County NM       |                |                         |            | Roman Duran          |            |            |             | DD              |                        | TARGET RADIUS        |                 |               |               |              |
| <b>JOB NUMBER:</b>   |           | WT-11132             |                |                         |            |                      |            |            |             | MWD             |                        | TARGET DISPLACEMENT  |                 |               |               |              |
| <b>COMMENTS:</b>     |           |                      |                |                         |            |                      |            |            |             | MWD             |                        | TARGET CLOSURE       |                 |               |               |              |
|                      |           |                      |                |                         |            |                      |            |            |             |                 |                        | KBTVD                |                 | Horizontal    |               |              |
|                      |           |                      |                |                         |            |                      |            |            |             |                 |                        | DIP AZ               |                 | 2759.00       |               |              |
|                      |           |                      |                |                         |            |                      |            |            |             |                 |                        | DIP DEG UP+/DN-      |                 | 0.00          |               |              |
|                      |           |                      |                |                         |            |                      |            |            |             |                 |                        |                      |                 | 0.49          |               |              |
| <b>DATE:</b> 3/16/11 |           |                      |                |                         |            | <b>TIME:</b> 6:02 AM |            |            |             |                 |                        | TARGET INCLINATION   |                 | 90.49         |               |              |
|                      |           |                      |                |                         |            |                      |            |            |             |                 |                        | Magnetic Declination |                 | 8.08          |               |              |
| <b>Target</b>        |           | <b>MD</b>            | <b>TVD</b>     | <b>Vertical Section</b> |            | <b>SECTION PLANE</b> |            |            |             | <b>1.06</b>     | <b>TARGET TRACKING</b> |                      | <b>CLOSURE</b>  |               | <b>BUILD</b>  | <b>WALK</b>  |
|                      |           | <b>6500</b>          | <b>2725.10</b> | <b>3988.10</b>          |            |                      |            |            |             |                 | <b>TO CENTER</b>       |                      | <b>DIR</b>      |               | <b>RATE/</b>  | <b>RATE/</b> |
| <b>SVY</b>           | <b>MD</b> | <b>INC</b>           | <b>TRUE</b>    | <b>COURSE</b>           | <b>TVD</b> | <b>SECT</b>          | <b>N-S</b> | <b>E-W</b> | <b>DLS/</b> | <b>ABOVE(+)</b> | <b>RIGHT(+)</b>        | <b>DEG AZ)</b>       | <b>DISTANCE</b> | <b>%/100'</b> | <b>%/100'</b> |              |
| <b>NUM</b>           |           |                      | <b>AZM</b>     | <b>LENGTH</b>           |            |                      |            |            | <b>100</b>  | <b>BELOW(-)</b> | <b>LEFT(-)</b>         |                      | <b>(FEET)</b>   |               |               |              |
| 50                   | 4026      | 90.50                | 0.00           | 64.00                   | 2750.74    | 1529.37              | 1528.82    | 44.22      | 0.64        | -4.82           | 15.93                  | 1.66                 | 1529.46         | 0.16          | -0.01         |              |
| 51                   | 4089      | 90.40                | 0.90           | 63.00                   | 2750.25    | 1592.37              | 1591.81    | 44.72      | 1.44        | -4.86           | 15.26                  | 1.61                 | 1592.44         | -0.16         | 0.02          |              |
| 52                   | 4153      | 90.30                | 1.30           | 64.00                   | 2749.86    | 1656.37              | 1655.80    | 45.94      | 0.64        | -5.02           | 15.30                  | 1.59                 | 1656.44         | -0.16         | 0.01          |              |
| 53                   | 4216      | 90.20                | 0.70           | 63.00                   | 2749.58    | 1719.37              | 1718.79    | 47.04      | 0.97        | -5.28           | 15.24                  | 1.57                 | 1719.43         | -0.16         | -0.01         |              |
| 54                   | 4280      | 90.10                | 1.20           | 64.00                   | 2749.42    | 1783.36              | 1782.78    | 48.10      | 0.80        | -5.66           | 15.12                  | 1.55                 | 1783.43         | -0.16         | 0.01          |              |
| 55                   | 4343      | 91.10                | 0.90           | 63.00                   | 2748.76    | 1846.36              | 1845.76    | 49.26      | 1.66        | -5.54           | 15.10                  | 1.53                 | 1846.42         | 1.59          | -0.01         |              |
| 56                   | 4403      | 91.40                | 1.10           | 60.00                   | 2747.45    | 1906.35              | 1905.74    | 50.31      | 0.60        | -4.75           | 15.04                  | 1.51                 | 1906.41         | 0.50          | 0.00          |              |
| 57                   | 4465      | 91.20                | 1.90           | 62.00                   | 2746.04    | 1968.33              | 1967.70    | 51.93      | 1.33        | -3.87           | 15.52                  | 1.51                 | 1968.39         | -0.32         | 0.01          |              |
| 58                   | 4525      | 91.00                | 1.00           | 60.00                   | 2744.89    | 2028.31              | 2027.67    | 53.45      | 1.54        | -3.23           | 15.93                  | 1.51                 | 2028.38         | -0.33         | -0.02         |              |
| 59                   | 4587      | 90.90                | 0.80           | 62.00                   | 2743.86    | 2090.31              | 2089.66    | 54.42      | 0.36        | -2.73           | 15.75                  | 1.49                 | 2090.36         | -0.16         | 0.00          |              |
| 60                   | 4647      | 90.90                | 1.10           | 60.00                   | 2742.92    | 2150.30              | 2149.64    | 55.41      | 0.50        | -2.30           | 15.64                  | 1.48                 | 2150.35         | 0.00          | 0.01          |              |
| 61                   | 4708      | 90.50                | 0.80           | 61.00                   | 2742.17    | 2211.29              | 2210.63    | 56.43      | 0.82        | -2.08           | 15.52                  | 1.46                 | 2211.35         | -0.66         | -0.01         |              |
| 62                   | 4769      | 90.20                | 359.80         | 61.00                   | 2741.80    | 2272.29              | 2271.62    | 56.75      | 1.71        | -2.23           | 14.71                  | 1.43                 | 2272.33         | -0.49         | 0.02          |              |
| 63                   | 4831      | 91.10                | 0.60           | 62.00                   | 2741.10    | 2334.27              | 2333.62    | 56.96      | 1.94        | -2.05           | 13.78                  | 1.40                 | 2334.31         | 1.45          | -0.01         |              |
| 64                   | 4891      | 91.20                | 1.10           | 60.00                   | 2739.89    | 2394.26              | 2393.60    | 57.85      | 0.85        | -1.36           | 13.56                  | 1.38                 | 2394.30         | 0.17          | 0.01          |              |
| 65                   | 4955      | 90.70                | 0.50           | 64.00                   | 2738.83    | 2458.25              | 2457.58    | 58.74      | 1.22        | -0.85           | 13.27                  | 1.37                 | 2458.29         | -0.78         | -0.01         |              |
| 66                   | 5018      | 90.40                | 1.60           | 63.00                   | 2738.23    | 2521.25              | 2520.57    | 59.90      | 1.81        | -0.78           | 13.26                  | 1.36                 | 2521.28         | -0.48         | 0.02          |              |
| 67                   | 5081      | 90.20                | 1.20           | 63.00                   | 2737.90    | 2584.25              | 2583.55    | 61.44      | 0.71        | -0.99           | 13.63                  | 1.36                 | 2584.28         | -0.32         | -0.01         |              |
| 68                   | 5145      | 90.10                | 0.50           | 64.00                   | 2737.73    | 2648.24              | 2647.54    | 62.39      | 1.10        | -1.37           | 13.40                  | 1.35                 | 2648.28         | -0.16         | -0.01         |              |
| 69                   | 5209      | 89.40                | 0.10           | 64.00                   | 2738.01    | 2712.24              | 2711.54    | 62.72      | 1.26        | -2.20           | 12.55                  | 1.33                 | 2712.27         | -1.09         | -0.01         |              |
| 70                   | 5273      | 90.60                | 0.60           | 64.00                   | 2738.01    | 2776.23              | 2775.54    | 63.11      | 2.03        | -2.75           | 11.76                  | 1.30                 | 2776.26         | 1.87          | 0.01          |              |
| 71                   | 5337      | 90.50                | 0.60           | 64.00                   | 2737.39    | 2840.23              | 2839.53    | 63.78      | 0.16        | -2.68           | 11.24                  | 1.29                 | 2840.25         | -0.16         | 0.00          |              |
| 72                   | 5401      | 90.20                | 1.10           | 64.00                   | 2737.00    | 2904.22              | 2903.52    | 64.73      | 0.91        | -2.84           | 11.01                  | 1.28                 | 2904.24         | -0.47         | 0.01          |              |
| 73                   | 5464      | 90.70                | 0.90           | 63.00                   | 2736.51    | 2967.22              | 2966.51    | 65.83      | 0.85        | -2.88           | 10.94                  | 1.27                 | 2967.24         | 0.79          | 0.00          |              |
| 74                   | 5528      | 90.30                | 0.60           | 64.00                   | 2735.95    | 3031.22              | 3030.50    | 66.67      | 0.78        | -2.87           | 10.60                  | 1.26                 | 3031.24         | -0.63         | 0.00          |              |

|               |      |                      |         |                  |         |                |         |       |      |                     |                 |                    |                      |            |         |         |        |  |
|---------------|------|----------------------|---------|------------------|---------|----------------|---------|-------|------|---------------------|-----------------|--------------------|----------------------|------------|---------|---------|--------|--|
| OPERATOR:     |      | Mewbourne Oil Co.    |         |                  |         | Supervisors:   |         |       |      | TARGET N-S          |                 | Directional        |                      |            |         |         |        |  |
| WELL:         |      | Wyatt Draw 24 KC #1H |         |                  |         | Bill Lamb DD   |         |       |      | TARGET E-W          |                 |                    |                      |            |         |         |        |  |
| LOCATION:     |      | Eddy County NM       |         |                  |         | Roman Duran DD |         |       |      | TARGET RADIUS       |                 |                    |                      |            |         |         |        |  |
| JOB NUMBER:   |      | WT-11132             |         |                  |         | MWD            |         |       |      | TARGET DISPLACEMENT |                 |                    |                      |            |         |         |        |  |
| COMMENTS:     |      |                      |         |                  |         | MWD            |         |       |      | TARGET CLOSURE      |                 |                    |                      |            |         |         |        |  |
|               |      |                      |         |                  |         |                |         |       |      |                     |                 | KBTVD              |                      | Horizontal |         | 2759.00 |        |  |
|               |      |                      |         |                  |         |                |         |       |      |                     |                 | DIP AZ             |                      |            |         | 0.00    |        |  |
|               |      |                      |         |                  |         |                |         |       |      |                     |                 | DIP DEG UP+/DN-    |                      |            |         | 0.49    |        |  |
| DATE: 3/16/11 |      | TIME: 6:02 AM        |         |                  |         |                |         |       |      | ▼                   |                 | TARGET INCLINATION |                      |            |         | 90.49   |        |  |
| Target        |      | MD                   | TVD     | Vertical Section |         | SECTION PLANE  |         |       |      | 1.06                | TARGET TRACKING |                    | Magnetic Declination |            |         |         | 8.08   |  |
|               |      | 6500                 | 2725.10 | 3988.10          |         |                |         |       |      |                     | TO CENTER       |                    | CLOSURE              |            | CLOSURE | BUILD   | WALK   |  |
| SVY           | MD   | INC                  | TRUE    | COURSE           |         |                |         |       |      |                     |                 |                    | DIR                  | DISTANCE   | RATE/   |         | RATE/  |  |
| NUM           |      |                      | AZM     | LENGTH           | TVD     | SECT           | N-S     | E-W   | DLS/ | ABOVE(+)            | RIGHT(+)        |                    | (DEG AZ)             | (FEET)     | %/100'  |         | %/100' |  |
|               |      |                      |         |                  |         |                |         |       | 100  | BELOW(-)            | LEFT(-)         |                    |                      |            |         |         |        |  |
| 75            | 5637 | 91.50                | 0.90    | 109.00           | 2734.24 | 3140.20        | 3139.48 | 68.10 | 1.13 | -2.09               | 10.01           | 1.24               | 3140.22              | 1.10       |         | 0.00    |        |  |
| 76            | 5655 | 90.90                | 0.50    | 18.00            | 2733.86 | 3158.20        | 3157.47 | 68.32 | 4.01 | -1.86               | 9.89            | 1.24               | 3158.21              | -3.33      |         | -0.02   |        |  |
| 77            | 5719 | 90.40                | 0.40    | 64.00            | 2733.13 | 3222.19        | 3221.47 | 68.82 | 0.80 | -1.69               | 9.21            | 1.22               | 3222.20              | -0.78      |         | 0.00    |        |  |
| 78            | 5783 | 91.30                | 0.70    | 64.00            | 2732.19 | 3286.18        | 3285.46 | 69.43 | 1.48 | -1.28               | 8.64            | 1.21               | 3286.19              | 1.41       |         | 0.00    |        |  |
| 79            | 5846 | 91.20                | 1.50    | 63.00            | 2730.81 | 3349.16        | 3348.43 | 70.64 | 1.28 | -0.45               | 8.69            | 1.21               | 3349.17              | -0.16      |         | 0.01    |        |  |
| 80            | 5910 | 91.40                | 1.20    | 64.00            | 2729.36 | 3413.15        | 3412.39 | 72.15 | 0.56 | 0.46                | 9.01            | 1.21               | 3413.16              | 0.31       |         | 0.00    |        |  |
| 81            | 5973 | 91.30                | 1.80    | 63.00            | 2727.87 | 3476.13        | 3475.36 | 73.80 | 0.97 | 1.40                | 9.49            | 1.22               | 3476.14              | -0.16      |         | 0.01    |        |  |
| 82            | 6036 | 90.50                | 359.90  | 63.00            | 2726.89 | 3539.11        | 3538.34 | 74.73 | 3.27 | 1.85                | 9.26            | 1.21               | 3539.13              | -1.27      |         | 0.03    |        |  |
| 83            | 6100 | 90.20                | 0.50    | 64.00            | 2726.49 | 3603.11        | 3602.34 | 74.96 | 1.05 | 1.70                | 8.30            | 1.19               | 3603.11              | -0.47      |         | -0.01   |        |  |
| 84            | 6162 | 89.90                | 0.60    | 62.00            | 2726.44 | 3665.10        | 3664.33 | 75.55 | 0.51 | 1.22                | 7.75            | 1.18               | 3665.11              | -0.48      |         | 0.00    |        |  |
| 85            | 6225 | 89.00                | 0.10    | 63.00            | 2727.04 | 3728.09        | 3727.33 | 75.94 | 1.63 | 0.08                | 6.97            | 1.17               | 3728.10              | -1.43      |         | -0.01   |        |  |
| 86            | 6288 | 90.90                | 0.60    | 63.00            | 2727.10 | 3791.09        | 3790.32 | 76.32 | 3.12 | -0.52               | 6.19            | 1.15               | 3791.09              | 3.02       |         | 0.01    |        |  |
| 87            | 6351 | 91.80                | 0.50    | 63.00            | 2725.62 | 3854.07        | 3853.30 | 76.93 | 1.44 | 0.43                | 5.63            | 1.14               | 3854.07              | 1.43       |         | 0.00    |        |  |
| 88            | 6415 | 91.80                | 1.30    | 64.00            | 2723.61 | 3918.03        | 3917.26 | 77.93 | 1.25 | 1.89                | 5.45            | 1.14               | 3918.04              | 0.00       |         | 0.01    |        |  |
| TD            | 6460 | 91.80                | 1.30    | 45.00            | 2722.19 | 3963.01        | 3962.23 | 78.95 | 0.00 | 2.92                | 5.64            | 1.14               | 3963.01              | 0.00       |         | 0.00    |        |  |