

3/22/16  
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|                       |                                    |          |          |             |                    |
|-----------------------|------------------------------------|----------|----------|-------------|--------------------|
| Well Name:            | Cheroot BFP State Com #2H          | Tgt N/S: | 9.60     | EOC TVD/MD: | 7714.10 / 8002.28  |
| Surface Location:     | Section 3 , Township 25S Range 27E | Tgt E/W: | -4649.70 | VS:         | 4649.71            |
| Bottom Hole Location: | Section 3 , Township 25S Range 27E | VS Az:   | 270.12   | EOL TVD/MD: | 7580.00 / 12159.13 |

| MD       | Incl  | Azi    | TVD     | N/S  | E/W      | VS      | DLS   | Comments                    |
|----------|-------|--------|---------|------|----------|---------|-------|-----------------------------|
| 0        | 0     | 0      | 0       | 0    | 0        | 0       | 0     |                             |
| 500.00   | 0.00  | 0.00   | 500.00  | 0.00 | 0.00     | 0.00    | 0.00  | CASTILLE/LM/SD              |
| 708.00   | 0.00  | 0.00   | 708.00  | 0.00 | 0.00     | 0.00    | 0.00  | TOS                         |
| 2126.00  | 0.00  | 0.00   | 2126.00 | 0.00 | 0.00     | 0.00    | 0.00  | BOS                         |
| 2355.00  | 0.00  | 0.00   | 2355.00 | 0.00 | 0.00     | 0.00    | 0.00  | BELL CANYON                 |
| 3207.00  | 0.00  | 0.00   | 3207.00 | 0.00 | 0.00     | 0.00    | 0.00  | CHERRY CANYON               |
| 4281.00  | 0.00  | 0.00   | 4281.00 | 0.00 | 0.00     | 0.00    | 0.00  | BRUSHY CANYON               |
| 5913.00  | 0.00  | 0.00   | 5913.00 | 0.00 | 0.00     | 0.00    | 0.00  | BONE SPRING LM              |
| 6809.00  | 0.00  | 0.00   | 6809.00 | 0.00 | 0.00     | 0.00    | 0.00  | BONE SPRING 1/SD/           |
| 7236.88  | 0.00  | 0.00   | 7236.88 | 0.00 | 0.00     | 0.00    | 0.00  | KOP                         |
| 7250.00  | 1.57  | 270.12 | 7250.00 | 0.00 | -0.18    | 0.18    | 12.00 |                             |
| 7275.00  | 4.57  | 270.12 | 7274.96 | 0.00 | -1.52    | 1.52    | 12.00 |                             |
| 7300.00  | 7.57  | 270.12 | 7299.82 | 0.01 | -4.17    | 4.17    | 12.00 |                             |
| 7325.00  | 10.57 | 270.12 | 7324.50 | 0.02 | -8.11    | 8.11    | 12.00 |                             |
| 7350.00  | 13.57 | 270.12 | 7348.94 | 0.03 | -13.34   | 13.34   | 12.00 |                             |
| 7375.00  | 16.57 | 270.12 | 7373.08 | 0.04 | -19.84   | 19.84   | 12.00 |                             |
| 7400.00  | 19.57 | 270.12 | 7396.85 | 0.06 | -27.59   | 27.59   | 12.00 |                             |
| 7425.00  | 22.57 | 270.12 | 7420.17 | 0.08 | -36.58   | 36.58   | 12.00 |                             |
| 7450.00  | 25.57 | 270.12 | 7442.99 | 0.10 | -46.78   | 46.78   | 12.00 |                             |
| 7475.00  | 28.57 | 270.12 | 7465.25 | 0.12 | -58.15   | 58.15   | 12.00 |                             |
| 7500.00  | 31.57 | 270.12 | 7486.88 | 0.15 | -70.68   | 70.68   | 12.00 |                             |
| 7525.00  | 34.57 | 270.12 | 7507.83 | 0.17 | -84.32   | 84.32   | 12.00 |                             |
| 7550.00  | 37.57 | 270.12 | 7528.03 | 0.20 | -99.04   | 99.04   | 12.00 |                             |
| 7575.00  | 40.57 | 270.12 | 7547.44 | 0.24 | -114.80  | 114.80  | 12.00 |                             |
| 7600.00  | 43.57 | 270.12 | 7566.00 | 0.27 | -131.55  | 131.55  | 12.00 |                             |
| 7625.00  | 46.57 | 270.12 | 7583.65 | 0.31 | -149.25  | 149.25  | 12.00 |                             |
| 7638.81  | 48.23 | 270.12 | 7593.00 | 0.33 | -159.40  | 159.40  | 12.00 | BONE SPRING 2/SD/           |
| 7650.00  | 49.57 | 270.12 | 7600.35 | 0.35 | -167.84  | 167.85  | 12.00 |                             |
| 7675.00  | 52.57 | 270.12 | 7616.06 | 0.39 | -187.29  | 187.29  | 12.00 |                             |
| 7700.00  | 55.57 | 270.12 | 7630.72 | 0.43 | -207.53  | 207.53  | 12.00 |                             |
| 7725.00  | 58.57 | 270.12 | 7644.31 | 0.47 | -228.52  | 228.52  | 12.00 |                             |
| 7750.00  | 61.57 | 270.12 | 7656.78 | 0.52 | -250.18  | 250.18  | 12.00 |                             |
| 7775.00  | 64.57 | 270.12 | 7668.10 | 0.56 | -272.47  | 272.47  | 12.00 |                             |
| 7800.00  | 67.57 | 270.12 | 7678.24 | 0.61 | -295.32  | 295.32  | 12.00 |                             |
| 7825.00  | 70.57 | 270.12 | 7687.17 | 0.66 | -318.66  | 318.66  | 12.00 |                             |
| 7850.00  | 73.57 | 270.12 | 7694.86 | 0.71 | -342.45  | 342.45  | 12.00 |                             |
| 7875.00  | 76.57 | 270.12 | 7701.30 | 0.76 | -366.60  | 366.60  | 12.00 |                             |
| 7900.00  | 79.57 | 270.12 | 7706.47 | 0.81 | -391.06  | 391.06  | 12.00 |                             |
| 7925.00  | 82.57 | 270.12 | 7710.34 | 0.86 | -415.75  | 415.75  | 12.00 |                             |
| 7950.00  | 85.57 | 270.12 | 7712.92 | 0.91 | -440.62  | 440.62  | 12.00 |                             |
| 7975.00  | 88.57 | 270.12 | 7714.20 | 0.96 | -465.58  | 465.58  | 12.00 |                             |
| 8000.00  | 91.57 | 270.12 | 7714.17 | 1.01 | -490.58  | 490.58  | 12.00 |                             |
| 8002.28  | 91.85 | 270.12 | 7714.10 | 1.02 | -492.86  | 492.86  | 12.00 | TARGET 2ND BONE SPRING SAND |
| 12159.13 | 91.85 | 270.12 | 7580.00 | 9.60 | -4649.70 | 4649.71 | 0.00  | EOL                         |

# Cheroot BFP State Com #2H

