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DATE OF FIELD WORK: 9-14-10 / 9-28-11
DATE OF COMPLETION: 9-30-11
PROJECT NUMBER: 501-11-172



T 7 N
R 66 W
WELD COUNTY

<p>MANENTI 20-44 681' FEL & 673' FSL ELEV. = 4939' IMPROVEMENTS: N-S CONC DITCH 80' EAST OF LOCATION.</p> <p>NAD 83 LAT = 40.55499°N LON = 104.79505°W P.D.O.P. = 2.6 GPS OPERATOR = C VAN MATRE</p>	<p>MANENTI 20-34 (SURFACE LOCATION) 681' FEL & 693' FSL ELEV. = 4939' IMPROVEMENTS: N-S CONC DITCH 80' EAST OF LOCATION.</p> <p>NAD 83 LAT = 40.55505°N LON = 104.79505°W P.D.O.P. = 2.2 GPS OPERATOR = C VAN MATRE</p>
<p>MANENTI 20-54 1100' FEL & 1172' FSL ELEV. = 4937' IMPROVEMENTS: E-W FENCE 169' NORTH OF LOCATION, E-W POWER LINE 169' NORTH OF LOCATION, N-S CONCRETE DITCH 30' EAST OF LOCATION</p> <p>NAD 83 LAT = 40.55631°N LON = 104.79624°W P.D.O.P. = 2.2 GPS OPERATOR = C VAN MATRE</p>	<p>MANENTI 20-34 (BOTTOM HOLE LOCATION) 2062' FEL & 68' FSL</p> <p>NAD 83 LAT = 40.55488°N LON = 104.79998°W P.D.O.P. = 2.2 GPS OPERATOR = C VAN MATRE</p>

NOTES:

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS AS SET BY THE C.O.G.C.C. RULE NO. 215.
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.
3. THE BEARINGS AS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND IN THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.