

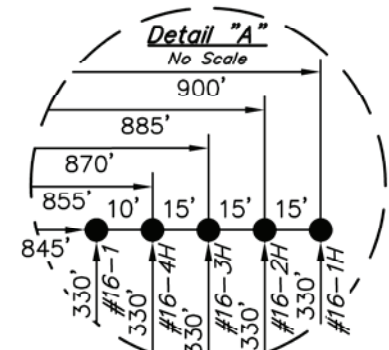
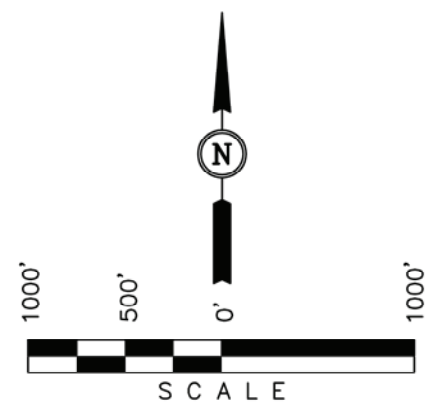
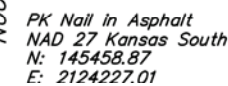
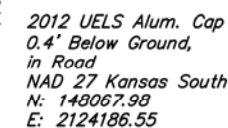
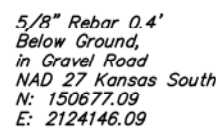
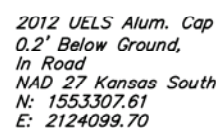
SGOMI

BASIS OF ELEVATION

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

Concrete Stone  
NAD 27 Kansas South  
N: 155885.83  
E: 2118774.51



| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE       | DIRECTION   | LENGTH  |
| L1         | S42°15'26"W | 685.76' |

LEGEND:

 = 90° SYMBOL  
 = PROPOSED WELL HEAD.  
 = SECTION CORNERS LOCATED.

|                                             |                                             |                                             |
|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| <b>NAD 83 (#16-3H TARGET BOTTOM HOLE)</b>   | <b>NAD 83 (#16-3H FORMATION ENTRY)</b>      | <b>NAD 83 (#16-3H SURFACE LOCATION)</b>     |
| <b>LATITUDE = 37°03'59.00" (37.066389)</b>  | <b>LATITUDE = 37°04'45.17" (37.079214)</b>  | <b>LATITUDE = 37°04'50.19" (37.080608)</b>  |
| <b>LONGITUDE = 98°05'28.48" (98.091244)</b> | <b>LONGITUDE = 98°05'29.31" (98.091475)</b> | <b>LONGITUDE = 98°05'23.62" (98.089894)</b> |
| <b>NAD 27 (#16-3H TARGET BOTTOM HOLE)</b>   | <b>NAD 27 (#16-3H FORMATION ENTRY)</b>      | <b>NAD 27 (#16-3H SURFACE LOCATION)</b>     |
| <b>LATITUDE = 37°03'58.91" (37.066364)</b>  | <b>LATITUDE = 37°04'45.09" (37.079192)</b>  | <b>LATITUDE = 37°04'50.10" (37.080583)</b>  |
| <b>LONGITUDE = 98°05'27.25" (98.090903)</b> | <b>LONGITUDE = 98°05'28.08" (98.091133)</b> | <b>LONGITUDE = 98°05'22.39" (98.089553)</b> |
| <b>STATE PLANE NAD 27 (KANSAS SOUTH)</b>    | <b>STATE PLANE NAD 27 (KANSAS SOUTH)</b>    | <b>STATE PLANE NAD 27 (KANSAS SOUTH)</b>    |
| <b>N: 145799.64 F: 2119733.60</b>           | <b>N: 150469.92 F: 2119286.01</b>           | <b>N: 150979.42 F: 2119745.05</b>           |

UTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

|                           |                            |                         |
|---------------------------|----------------------------|-------------------------|
| SCALE<br>1" = 1000'       | DATE SURVEYED:<br>02-18-12 | DATE DRAWN:<br>07-10-12 |
| PARTY<br>J.P. B.L. C.A.G. | REFERENCES<br>G.L.O. PLAT  |                         |
| WEATHER<br>HOT            |                            | FILE<br>SGOMI           |