

GW – 028

2015 AGWMR

PART 14 OF 25

03 / 2016



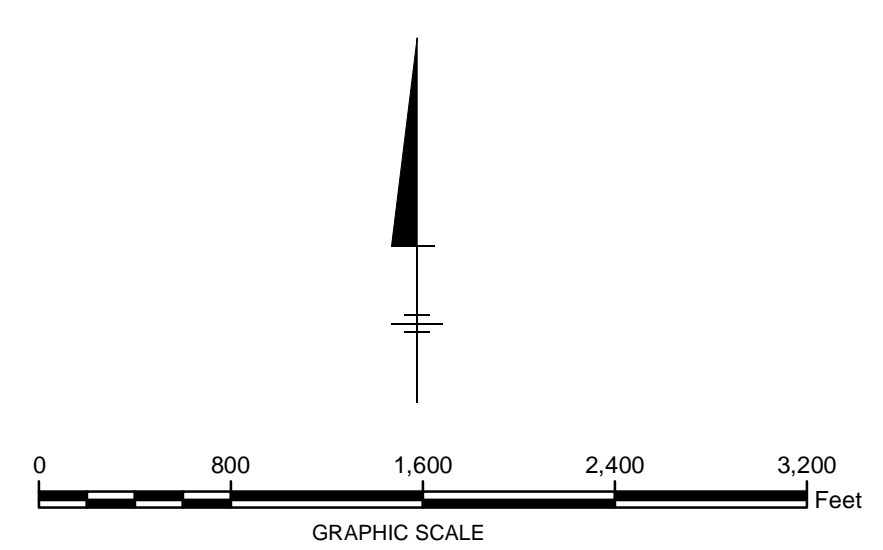
LEGEND:

- ◆ MONITORING WELL
- RECOVERY WELL
- SHALLOW SATURATED ZONE POTENTIOMETRIC SURFACE CONTOURS
- RECOVERY TRENCH

NCL = NORTH COLONY LANDFARM
TEL = TETRA ETHYL LEAD

NOTES:

1. POTENTIOMETRIC SURFACE ELEVATION IN FEET ABOVE MEAN SEA LEVEL.
2. * = NOT USED TO CONSTRUCT CONTOURS.
3. ** = DRY OR INACCESSIBLE WELL.
4. DUE TO THE SCALE OF THIS MAP, TRENCHES IN THE NORTH AND SOUTH REFINERY AREAS ARE ONLY MINIMALLY VISIBLE. REFER TO FIGURE 3 (WELL LOCATIONS AND TANK INFORMATION WITHIN REFINERY) FOR MORE DETAIL.



NAVAJO REFINING COMPANY
ARTESIA REFINERY, EDDY COUNTY, NEW MEXICO
2015 GROUNDWATER MONITORING REPORT

**SHALLOW SATURATED ZONE
POTENTIOMETRIC SURFACE MAP
2015 FIRST SEMIANNUAL EVENT (APRIL)**

FIGURE
4

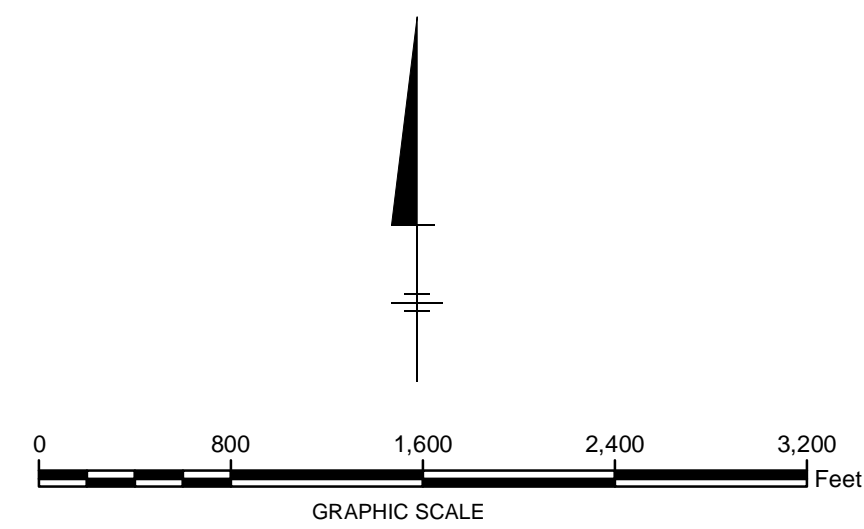
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- LEGEND:**
- ◆ MONITORING WELL
 - RECOVERY WELL
 - RECOVERY TRENCH
 - VALLEY FILL ZONE POTENTIOMETRIC SURFACE CONTOURS

NCL = NORTH COLONY LANDFARM
 TEL = TETRA ETHYL LEAD

- NOTES:**
1. POTENTIOMETRIC SURFACE ELEVATION IN FEET ABOVE MEAN SEA LEVEL.
 2. DUE TO THE SCALE OF THIS MAP, TRENCHES IN THE NORTH AND SOUTH REFINERY AREAS ARE ONLY MINIMALLY VISIBLE. REFER TO FIGURE 3 (WELL LOCATIONS AND TANK INFORMATION WITHIN REFINERY) FOR MORE DETAIL.



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**VALLEY FILL ZONE
 POTENTIOMETRIC SURFACE MAP
 2015 FIRST SEMI-ANNUAL EVENT (APRIL)**



FIGURE

5



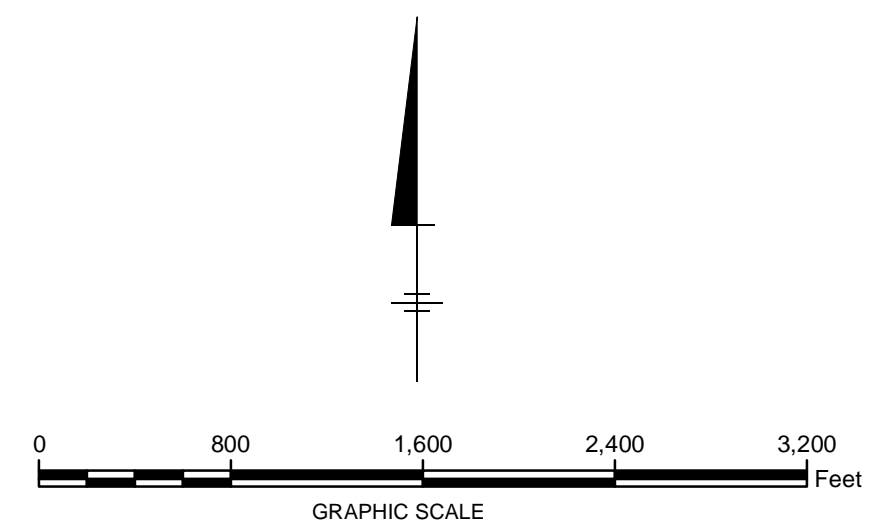
LEGEND:

- ◆ MONITORING WELL
- RECOVERY WELL
- RECOVERY TRENCH
- SHALLOW SATURATED ZONE POTENTIOMETRIC SURFACE CONTOURS

NCL = NORTH COLONY LANDFARM
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**SHALLOW SATURATED ZONE
POTENTIOMETRIC SURFACE MAP
2015 SECOND SEMIANNUAL EVENT (OCT)**

FIGURE
6

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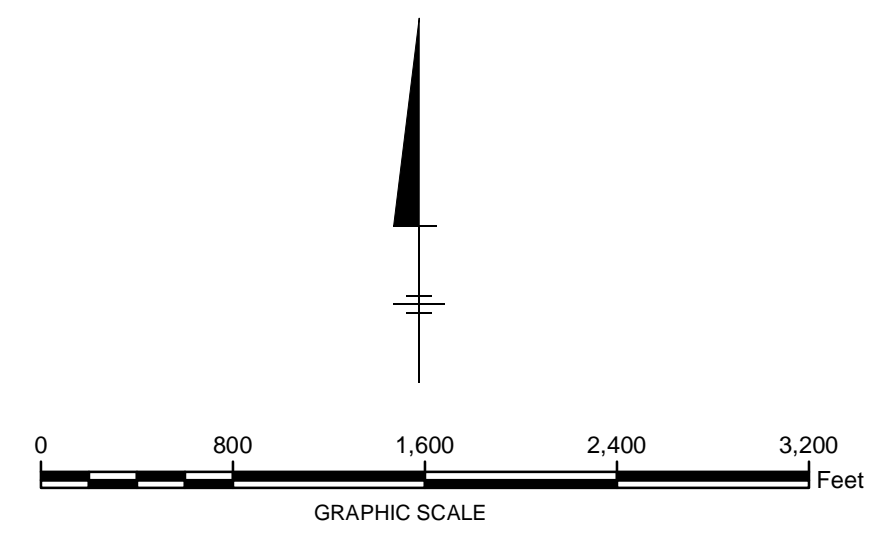
LEGEND:

- ◆ MONITORING WELL
- RECOVERY WELL
- RECOVERY TRENCH
- VALLEY FILL ZONE POTENTIOMETRIC SURFACE CONTOURS

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**VALLEY FILL ZONE
POTENTIOMETRIC SURFACE MAP
2015 SECOND SEMI ANNUAL EVENT (OCT)**

FIGURE
7

CITY: DIV/GROUP: DB:webb LD: PIC: PM: TM: TR: Project (Project #) Z:\GIS\PROJECTS\ENVA\NavajoRefining\ArtesiaRefinery\Annual_GW_Report_2015\MXD\Fig07_GWcntrs_Bwbtz_SA2_2015.mxd