GRCB 06

ENTERED

GIANT
REFINING COMPANY

Hope Monzeglio
New Mexico Environmental Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Bldg 1
Santa Fe, NM 87505

Certified Mail: 7004 2510 0005 1641 4811

May 5, 2006

Re: Approval with Modifications
System Start-Up Six Month Report of the North Boundary Barrier Collection System Phase II (May 2005 through October 2005)
Giant Refining Company, Bloomfield Refinery
NMED ID # NMD089416416

Dear Ms. Monzeglio,

Giant Refining Company Bloomfield (GRCB) received the April 12, 2006 letter from the New Mexico Environmental Department (NMED) requesting additional information regarding the System Start-Up Six Month Report of the North Boundary Barrier Collection System Phase II (May 2005 through October 2005) Giant Refining Company, Bloomfield Refinery. The following correspondence will address NMED's requests.

All conditions listed in the April 12, 2006 letter from NMED will be addressed in the Phase II Annual Report.

Condition #2 requests information concerning the construction of MW #46. As shown on the attached Installation Diagram for MW #46, the well end cap at the bottom of the well does not contain any openings.

Condition #3 identifies a typographical error in the data of Section 5-4 Groundwater Elevation Information, August 2005 table. The correct Total Depth is 14.98 feet and Depth to Product is 14.96 feet. Water was not present at that time. A corrected table is provided with this letter.

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505-632-8013
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50 ROAD 4990
P.O. BOX 159
BLOOMFIELD
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87413

Condition #8 calls for installation diagrams and boring logs for all collection wells to be included in the Phase II Annual Report. The fluids collection system consists of 15 collection wells and 14 observation wells located upgradient (plant-side) and downgradient (river-side) of the north boundary barrier, respectively. The collection well locations correspond to the troughs in the Nacimiento Formation identified during the barrier construction activities. For each collection well, a corresponding observation well was installed on the downgradient side of the barrier, approximately 20-feet from the barrier along the river-side of the Hammond ditch access roadway. Boring logs were developed and are provided for each observation well. Boring logs were not developed for the collection wells, due to the close proximity and similar subsurface geologic characteristics observed during well installation of the corresponding downgradient observation well. Well installation diagrams were developed and are provided for each of the 29 collection and observation wells in the System Start-Up Six Month Report of the North Boundary Barrier Collection System Phase II (May 2005 through October 2005) Giant Refining Company, Bloomfield Refinery.

If you need additional information, please contact me at (505) 632-4161.

Sincerely,

Cindy Hurtado

Cindy Hurtado
Environmental Coordinator – Giant Refining – Bloomfield

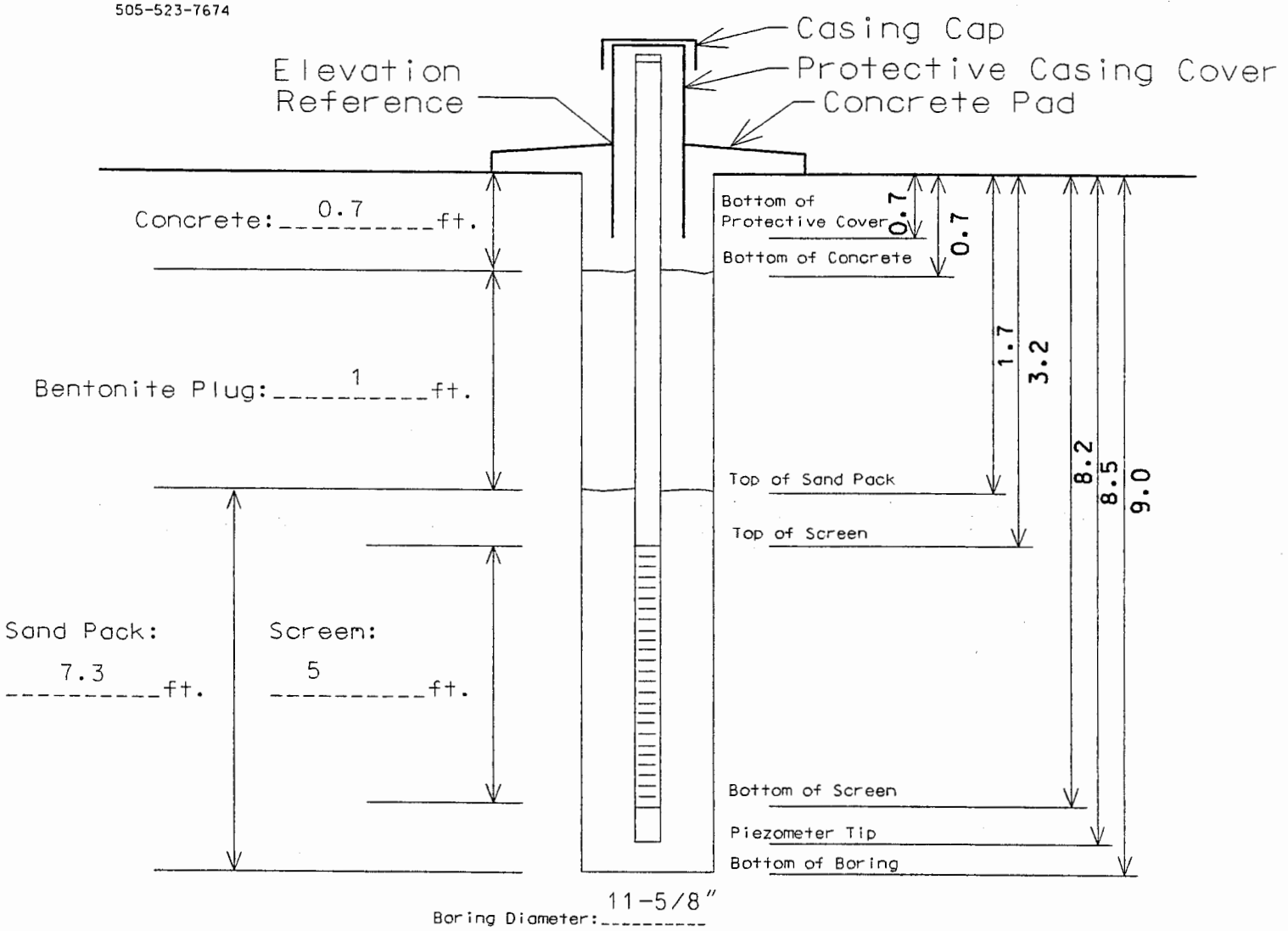
Cc: Randy Schmaltz – Environmental Manager – Giant Refining – Bloomfield
Wayne Price – NMOCD Santa Fe

PRECISION ENGINEERING, INC.

505-523-7674

Installation Diagram

Monitoring Well No. MW - 46



Boring Diameter: 11-5/8"

Sand Type: 10-20 Silica

Bollards, Type/Size: Steel, 3" min.

Bentonite: 3/8" Chip

Screen Type/Size: 4" PVC Sch. 40, 0.010" Slotted

Cement/Grout: ---

Riser Type/Size: 4" PVC Sch. 40

Water: Potable

Locking Expandable Casing Plug? Yes

Site Northing: 5560.48

Other: N/A

Bottom Cap Used? Yes

Site Easting: 2576.06

Project #: 03-015

Project Name: Bloomfield Wells

Elevation: 5496.43

Observation Well Fluids Monitoring August 2005

Well ID	Date	Measuring Point Elevation	Total Well Depth	Depth To Product (DTP)	Depth To Water (DTW)	Corrected Groundwater Elevation
OW 0+60	8/2/2005	5508.69	14.98	14.92	14.93	5493.77
	8/11/2005	5508.69	14.98	14.10	14.78	5494.45
	8/23/2005	5508.69	14.98	14.96	NWM	5496.72
OW 1+50	8/2/2005	5505.22	14.98	14.90	14.91	5490.32
	8/11/2005	5505.22	14.98	13.80	14.79	5491.22
	8/23/2005	5505.22	14.98	14.86	14.88	5490.36
OW 3+85	8/2/2005	5506.17	15.06	12.60	12.63	5493.56
	8/11/2005	5506.17	15.06	12.35	13.60	5493.57
	8/23/2005	5506.17	15.06	12.80	12.86	5493.36
OW 5+50	8/2/2005	5506.94	14.09	13.45	NWM	5496.18
	8/11/2005	5506.94	14.09	13.38	NWM	5496.24
	8/23/2005	5506.94	14.09	13.74	NWM	5495.95
OW 6+70	8/2/2005	5503.79	14.67	NPM	NWM	
	8/11/2005	5503.79	14.67	NPM	NWM	
	8/23/2005	5503.79	14.67	NPM	NWM	
OW 8+10	8/2/2005	5507.26	17.99	NPM	NWM	
	8/11/2005	5507.26	17.99	NPM	NWM	
	8/23/2005	5507.26	17.99	NPM	NWM	

NPM = No Product Measured NWM = No Water Measured