

**Monzeglio, Hope, NMENV**

**From:** Chavez, Carl J, EMNRD  
**Sent:** Thursday, July 09, 2009 4:08 PM  
**To:** Cobrain, Dave, NMENV; Monzeglio, Hope, NMENV  
**Subject:** FW: Western Gallup Refinery NPDES Discharge  
**Attachments:** Gallup Refinery -- Aerial Photo Topography (Reduced) (00084786).jpg; Gallup Refinery -- Land Ownership Status (2) (00084776).jpg; Gallup Refinery -- Land Ownership Status (Reduced) (2) (00084777).jpg; Figures on discharge location.doc

Dave:

I think these are the maps you were requesting. Let me know if not. Thanks.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
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Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

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**From:** Riege, Ed [<mailto:Ed.Riege@wnr.com>]  
**Sent:** Thursday, July 09, 2009 1:37 PM  
**To:** Chavez, Carl J, EMNRD  
**Subject:** FW: Western Gallup Refinery NPDES Discharge

Ann indicated to me you may not have received these maps.

Thanks  
Ed

Ed Riege  
Environmental Manager

Western Refining  
Gallup Refinery  
Route 3 Box 7  
Gallup, NM 87301  
(505) 722-0217  
[ed.riege@wnr.com](mailto:ed.riege@wnr.com)

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**From:** Riege, Ed  
**Sent:** Tuesday, May 19, 2009 8:26 AM  
**To:** 'Chavez, Carl J, EMNRD'  
**Cc:** 'Lane.Willie@epamail.epa.gov'; Rajen, Gaurav  
**Subject:** Western Gallup Refinery NPDES Discharge

Carl,

It was good to talk to you regarding our Discharge Permit application. Attached are maps and figures that you requested indicating the discharge point west of the refinery. Once application is completed you will receive a copy for review.

- **Land Ownership Status Map** – The refinery is located on private land owned by Western Refining Company on Section 33, Township 15 North, Range 15 West, New Mexico Principal Meridian, and on the southern part of Section 28, which adjoins Section 33 to the north. The refinery is surrounded by State-

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owned land (colored brown on the map) and private land (colored white and light green on the map). The land colored dark green located south of both the refinery and Interstate 40 is also private land. It may be colored dark green, rather than white, on this map, because it is private "inholding" land within the boundaries of the Cibola National Forest. Navajo Nation land, located farther away from the refinery, is colored light brown.

- **Aerial PhotoTopographic Map** – By comparing this aerial photograph with the land ownership map, the South Fork of the Rio Puerco can be located, running approximately east-west to the north of the refinery and approximately northeast-southwest to the west of the refinery. The topographic lines on this photograph also show a wash or arroyo running west and a little north from the refinery to the Rio Puerco. This is the route by which any surface discharge at the refinery could travel to the Rio Puerco.
- Proposed discharge point coordinates are 35, 29, 26.23N and 108, 26, 26.01W.

Ed

Ed Riege  
Environmental Manager

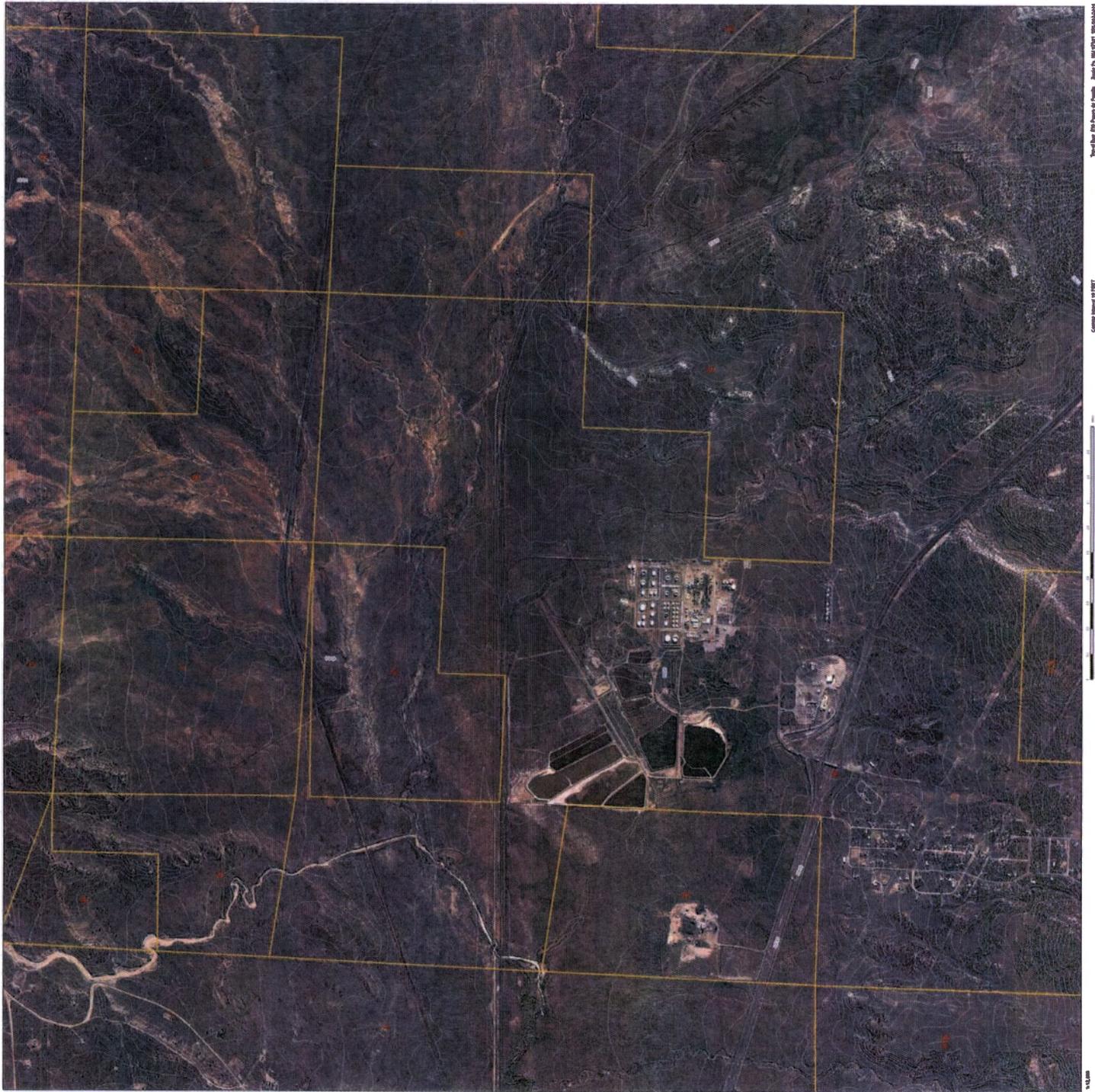
Western Refining  
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# Gallup Refinery Aerial Photo Topography



Topographic Photo Aerial of Gallup, New Mexico, 1977

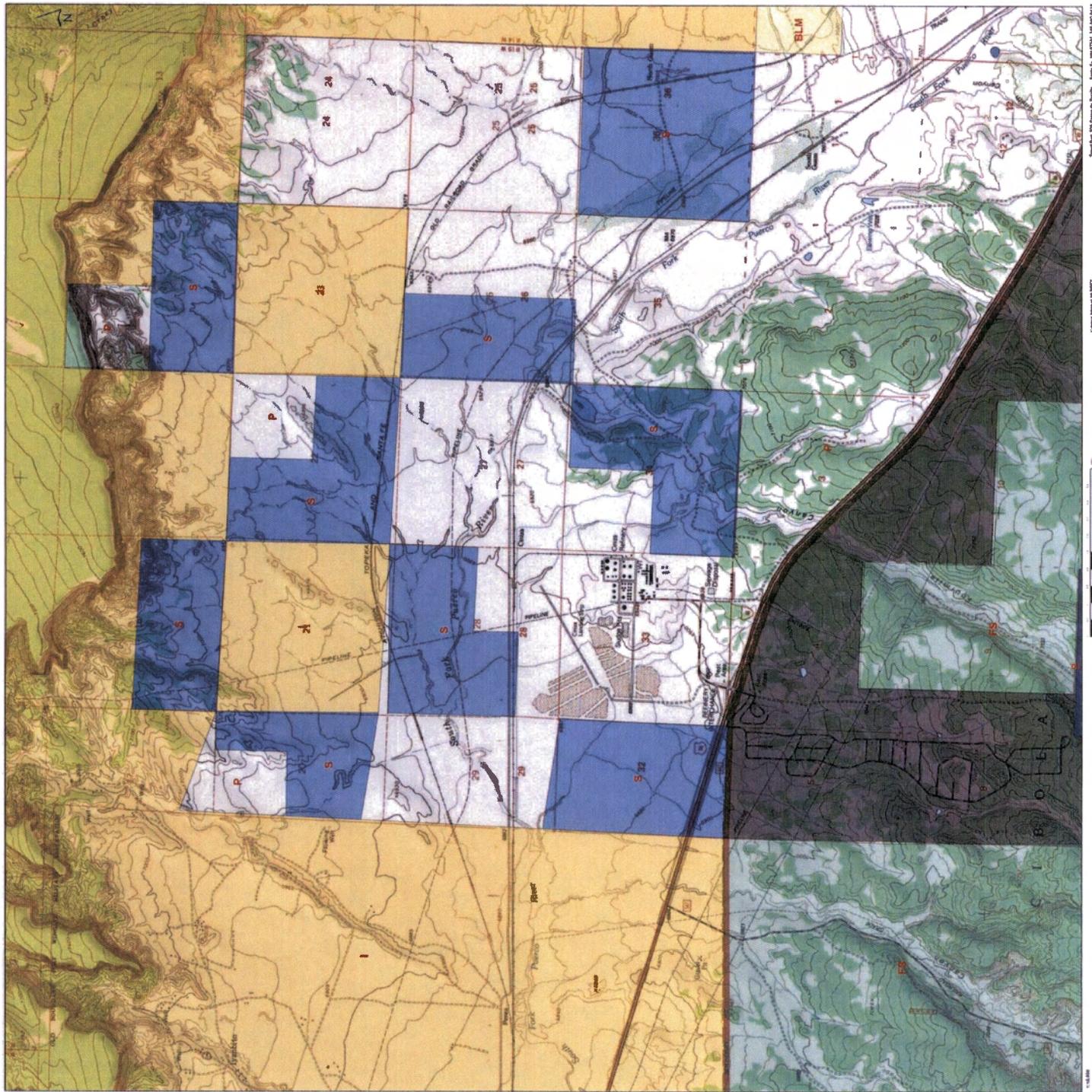
Copyright 1977



1:10,000



# Gallup Refinery Landownership Status (reduced)



# Figures on Discharge Location

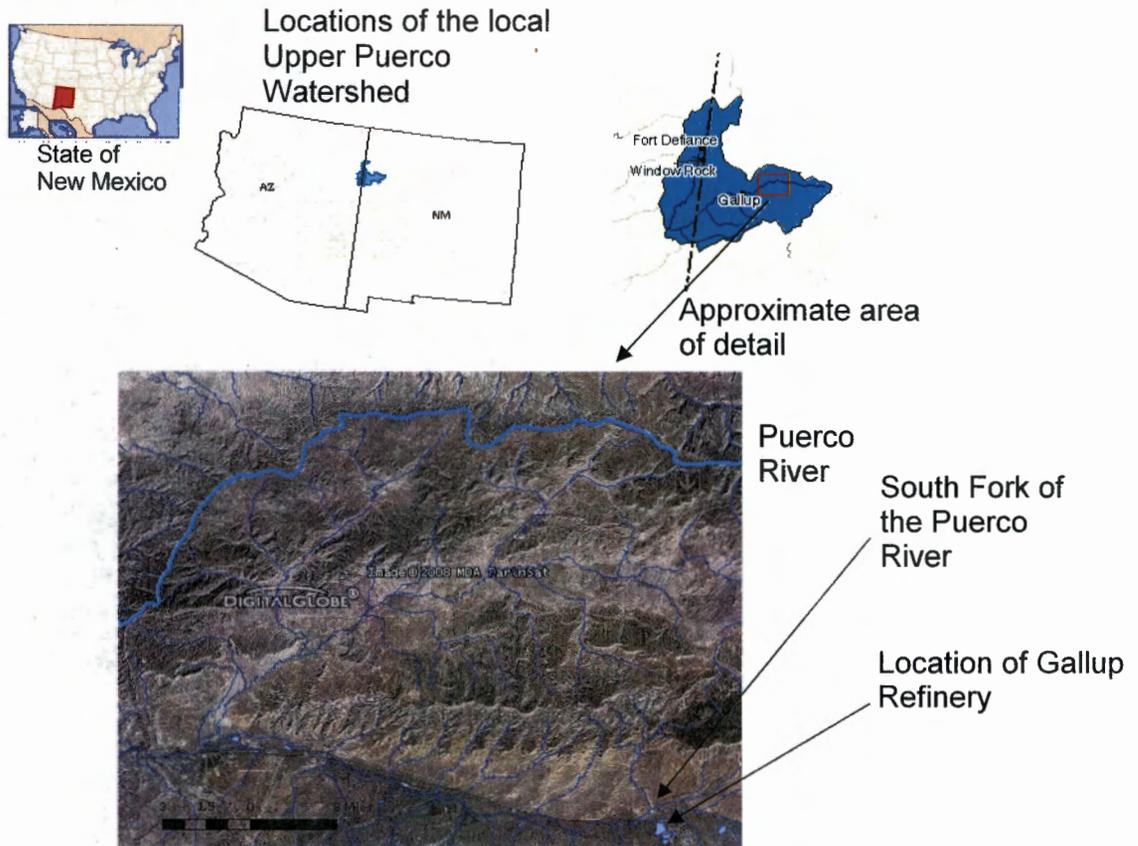


Figure 1: Regional scale: Flow lines and major surface water bodies (from: EPA Enviromapper - <http://map24.epa.gov/EMR/?ZoomToWatershed=15020006> ) North is towards the top of the page.



## Proposed emergency discharge point

Figure 2: Localized scale: Flow lines and major surface water bodies (from: EPA Enviromapper - <http://map24.epa.gov/EMR/?ZoomToWatershed=15020006> ) North is towards the top of the page. Discharge would enter an unnamed arroyo and flow to the South Fork of the Puerco River.