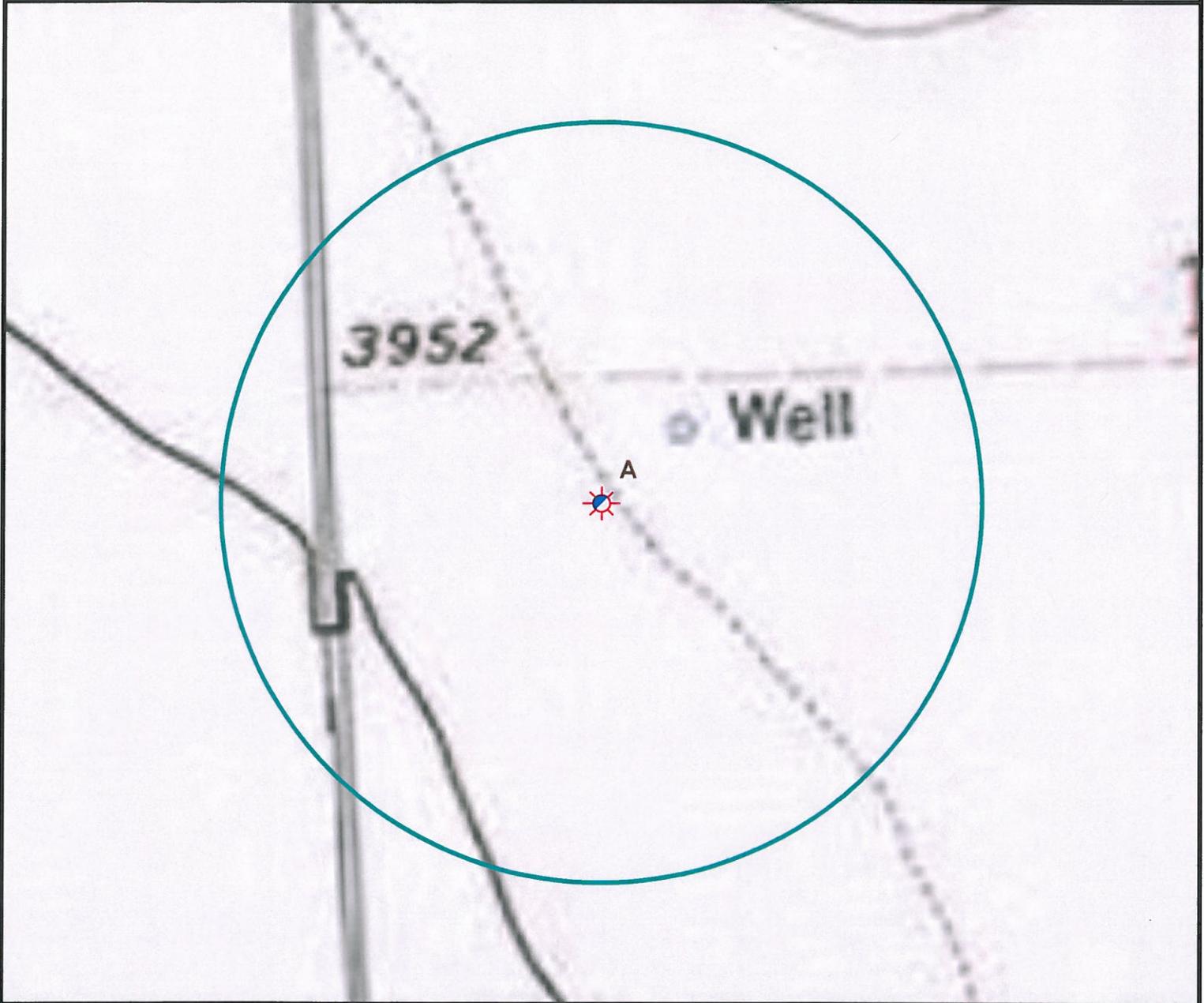


Hydrology Map



A. Proposed well DETERDING 17-12.

There are no surface waters within a 1000' radius of the proposed oil & gas location.



Legend

- | | |
|----------------------|-----------------------|
| Proposed Well | Building/Residence |
| Existing Well | Oil & Gas Equipment |
| Water Well | Water Body |
| Pedestal | Utility Box |
| CattleGuard/Gate | Railroad |
| Bridge | Fence |
| ECD | Overhead Power Line |
| 1000' Radius | Pipeline |
| Facilities Enclosure | Access Road |
| | Ditch/Canal |
| | Concrete Walled Ditch |

1000ft Radius Map of Surface Water and Riparian Areas

DETERDING 17-12

Surface Location: T1S R44W S17

Field Date: 05/20/2010
 Drawing Date: 06/07/2010
 Drafter: DMM
 Checked By: BHF

Prepared for:
Rosetta Resources
 Operating LP
 717 Texas Avenue, Ste. 2800
 Houston, TX 77002



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