

**Stogner, Michael**

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**From:** JamesBruc@aol.com

**Sent:** Tuesday, June 03, 2003 3:47 PM

**To:** mstogner@state.nm.us

**Subject:** Amerada Hess Corporation NSL application (revised)

Mike: Attached is Amerada's seismic map regarding the application I will deliver to you within the hour.

Jim Bruce

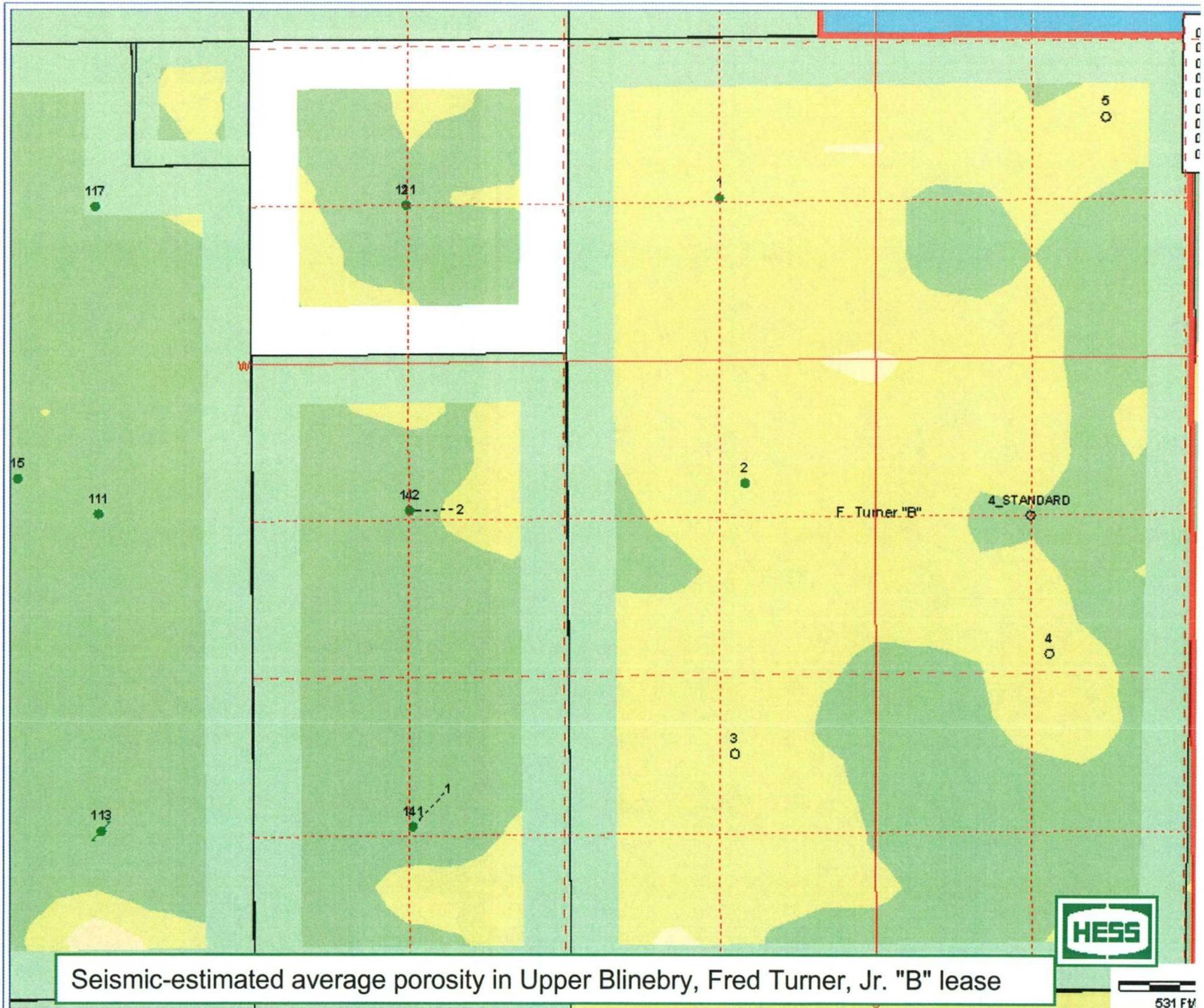
## Fred Turner, Jr. "B" #4 Proposed Well



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Recent reservoir development in the Skaggs area, for Blinebry formation targets, has depended in large part on estimation of porosity within the formation from 3D seismic data. The method uses seismic attributes, calibrated to existing offset wells, to predict lateral trends in formation porosity. The attached map showing seismic-estimated porosity in the Upper Blinebry is submitted in support of our request for non-standard location.

The main objective for the proposed F. Turner, Jr. B #4 well is the upper Blinebry formation. The attached map shows the variation in seismic-estimated porosity within the Upper Blinebry in the subject lease. The proposed well targets a high-porosity anomaly which is limited in extent. The standard 40-acre center location is also plotted on the map. This location clearly misses the optimum porosity development in the formation. Also, the proposed location is considered to be undrained in the Upper Blinebry, as opposed to possible locations in the Northwest of the 40-acre tract.



Seismic-estimated average porosity in Upper Blinebry, Fred Turner, Jr. "B" lease



531 FT

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