## AMERADA HESS CORPORATION

DRAWER 817 SEMINDLE, TEXAS 79360 915-758-5805

May 30, 1974

Mr. Dan Nutter, Chief Engineer New Mexico Oil Conservation Commission P. 0. Box 2088 Santa Fe, New Mexico 87501

Re: Application of Amerada Hess Corporation for Authority to Dispose of Salt Water into it's H. C. Posey "A" #1, East Caprock Devonian Field, Lea County, New Mexico

Dear Mr. Nutter:

Amerada Hess Corporation is the owner and operator of several leases in the East Caprock Devonian Field. Water production from the field is increasing to such an extent that additional disposal capacity is needed. The H. C. Posey "A" #1, located in SW/4 SE/4 (unit 0) Sec 11-T12S-R32E, Lea County, New Mexico is a watered out and temporarily abandoned Devonian producer. We request permission to dispose of approximately 10,000 barrels of produced water per day into this well at a maximum of 300 psi surface pressure, into Devonian open hole section from 11,160' to 11,230'.

A plat of the area, diagramatic sketch of the well and electric log of well are enclosed.

It would be appreciated if this matter is set for hearing on June 19, 1974.

Mr. Joe D. Ramey CC: New Mexico Oil Conservation Commission P. O. Box 1980 Hobbs, New Mexico 88240

> Mr. Steve Reynolds State Engineer Capitol Building Santa Fe, New Mexico 87501

Texaco, Inc. P. O. Box 728 Hobbs, New Mexico 83240

Union Oil Co. P. O. Box 3100 Midland, Texas 79701 Yours truly,

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A. E. Snyder Manager Technical Services

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| 3                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Union Skelly<br>D<br>Gross                | С "ва"<br>WC "ва"          |         |
|                                                                              | T. P.C. & O.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Shell<br>D                                | I A.H.C.<br>WC<br>Chambers |         |
|                                                                              | A.H.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A.H.C. A.H.C.<br>• D D D<br>EC "E" EC "H" | $\phi^2$                   |         |
|                                                                              | Texos<br>D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A.H.C. A.H.C.<br>• 2 • 5<br>D D           |                            |         |
| 10                                                                           | <b>у</b> да <b>у у</b> да <b>у</b> да <b>у</b> да <b>у</b> да <b>у</b> да <b>у у</b> да <b>у у у у у у у у у у</b> | • D<br>Ec"c"                              | 12                         | T       |
| n an Albert State (1997)<br>An Albert State (1997)<br>An Albert State (1997) | Union Texas<br>D D<br>Gross<br>A.H.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | • • • • • • •                             |                            | 12<br>S |
|                                                                              | <b>y</b> <sup>1</sup><br>"ECF" <b>*</b> 86"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H.C. Posey "A"                            | -Proposed SWD Well         |         |
|                                                                              | Texes A.H.C.<br>D ⊕ <sup>1</sup><br>D swD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | H.C. Posey "A"                            |                            |         |
|                                                                              | 51. "BA" 51"ECA"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | J                                         | 13                         |         |
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| Speed May-Speed                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                            |         |

- D Devonian Well
- WC Wolfcamp Well

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• Q Queen Well

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Amerada Hess Corp. EAST CAPROCK FIELD Lea Co., New Mexico

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Scale: 1" = 2000'

