Base of Miocene, Maximum Extent of 1991 Low Density 10,000 Year Plume for 4900' K Sand Non-Sealing Fault Case at Orange Dome

Borehole Closure Test Well
Orange Petroleum Co.
Lee Hager No. 35

Fault "A"

2.5 Mile Area of Review (East & West Group, 1991 Petition)

2.5 Mile Area of Review

Du Pont Sabine Plant

High Density Down Dip Plume @2220

High Density Conservative K Sand Plume @2020 CFR=1 x 10^{-7}

Orange Dome

Faults on Base of Miocene Level

Conservative K Sand @ 2020 Nominal Plume MF 1.0

Low Density Conservative K Sand @ 2020 CFR=1 x 10^{-7}

East Group
Well #10

West Group
Well #3
Well #6
Well #4
Well #5
Well #11
Well #9
Well #1
Well #2
Well #7
Well #8

(West Group, 1999 Reissuance Request)

Fault "A"

Base of Miocene, Maximum Extent of 1991 Low Density 10,000 Year Plume for 4900' K Sand Sealing Fault Case at Orange Dome

Maximum Extent of 1999 Reissuance Request for Low Density 10,000 Year Plume for 4900' K Sand within 1991 Petition Plume for Both Sealing and Non-Sealing Faults

Fault "D"

1999 Reissuance Request Down-Dip 5,000 Year Plume Extent

Legend

- Injection Well West Gro
- Injection Well East Grou
- Plugged Injection Well
- Oil Well
- Plugged Oil Well
- Gas Well
- Plugged Gas Well
- Dry Hole
- Oil Well Reclassified to
- 123 Artificial Penetration
- SL Surface Location

Scale
0 4000
Feet

Map originally prepared by Agency Information Consultants, Austin, Texas, 3/9/90, from these sources:
Tobin research, San Antonio, Texas

Revised by DuPont Engineering Services 3/11/90, 3/13/90
Digitized by DuPont Environmental Remediation Services 3/93
Revised by Sandia Technologies LLC 10/97
Redigitized and Revised by DuPont Engineering Services 3/99, 10/1/00

DuPont Sabine Plant 3/99
Revised 6/99, 9/23/00

OCT 18 2000

Appendix 4-1: Area of Review and No-Migration Artificial Penetrati
Response to EPA Geology NOD 1 (8/25/00)