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 Conservative K Sand Plume @ 2020 MF 2.36

High Density Down-Dip Plume @ 2220

Orange Dome

Faults on Base of Miocene Level

Conservative K Sand Plume @ 2020 Nominal Plume MF 1.0

Low Density Conservative K Sand Plume @ 2020 MF 2.36

East Group
Well #10
Well #2
Well #7
Well #8
West Group
Well #3
Well #6
Well #1
Well #4
Well #5
Well #9
Well #11

(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 Grou
- Injection Well East Grou
- Plugged Injection Well
- Oil Well
- Gas Well
- Plugged Gas Well
- Dry Hole
- Oil Well Reclassified to G
- Artificial Penetration
- 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

Pont Sabine Plant 3/99
ised 6/99

6WQ-SG
JUN 28 1999

Appendix 4-1: Area of Review and No-Migration Artificial Penetratio