

*Power Point Presentation of Soil  
Investigations*

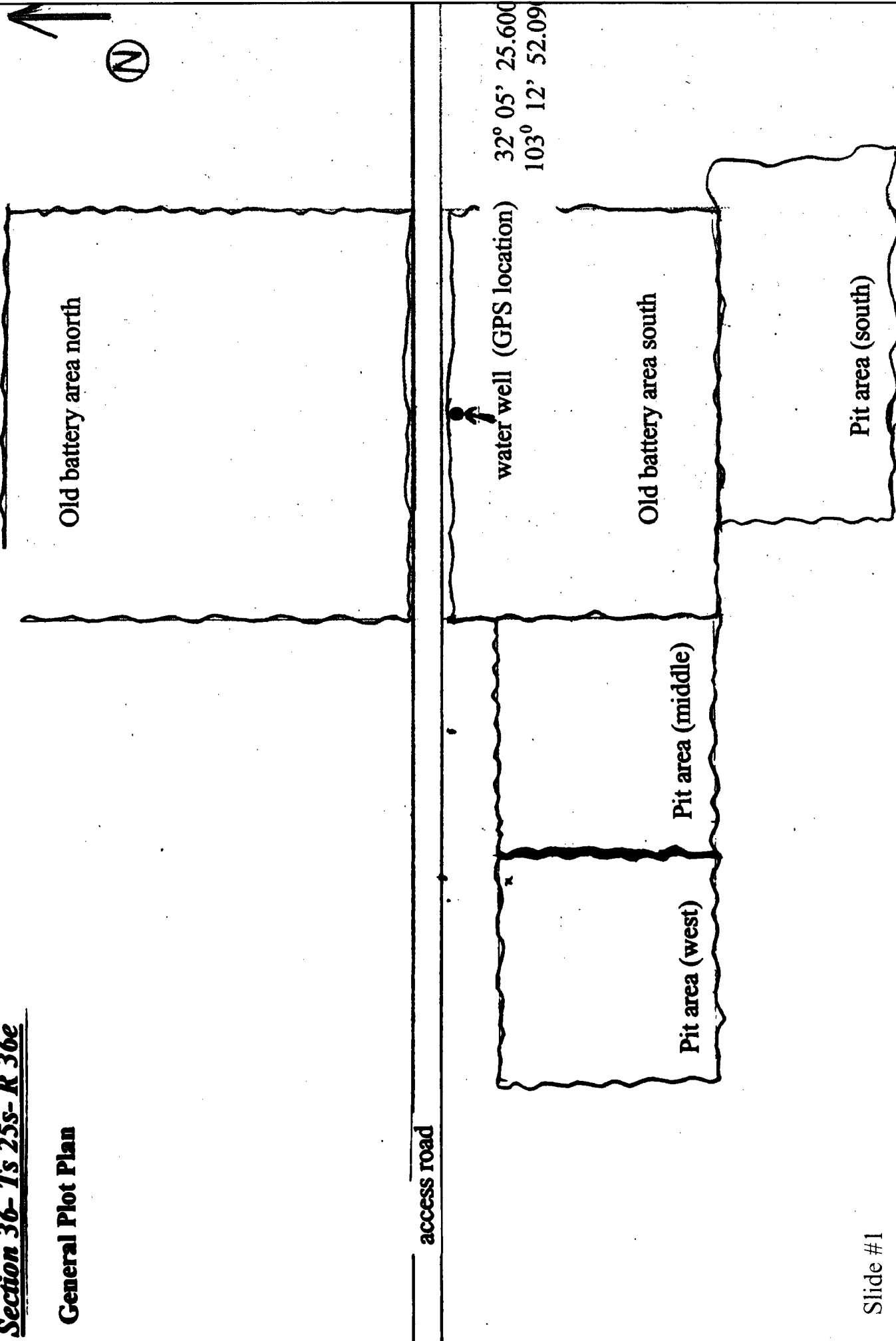
*Maralo Tank Battery Site*

*Section 36-Township 25 S-Range 36 E*

*Lea, County NM*

**Jay Anthony Ranch-Maralo Humble State #3 Tank Battery Site**  
**Section 36- Ts 25s- R 36e**

**General Plot Plan**

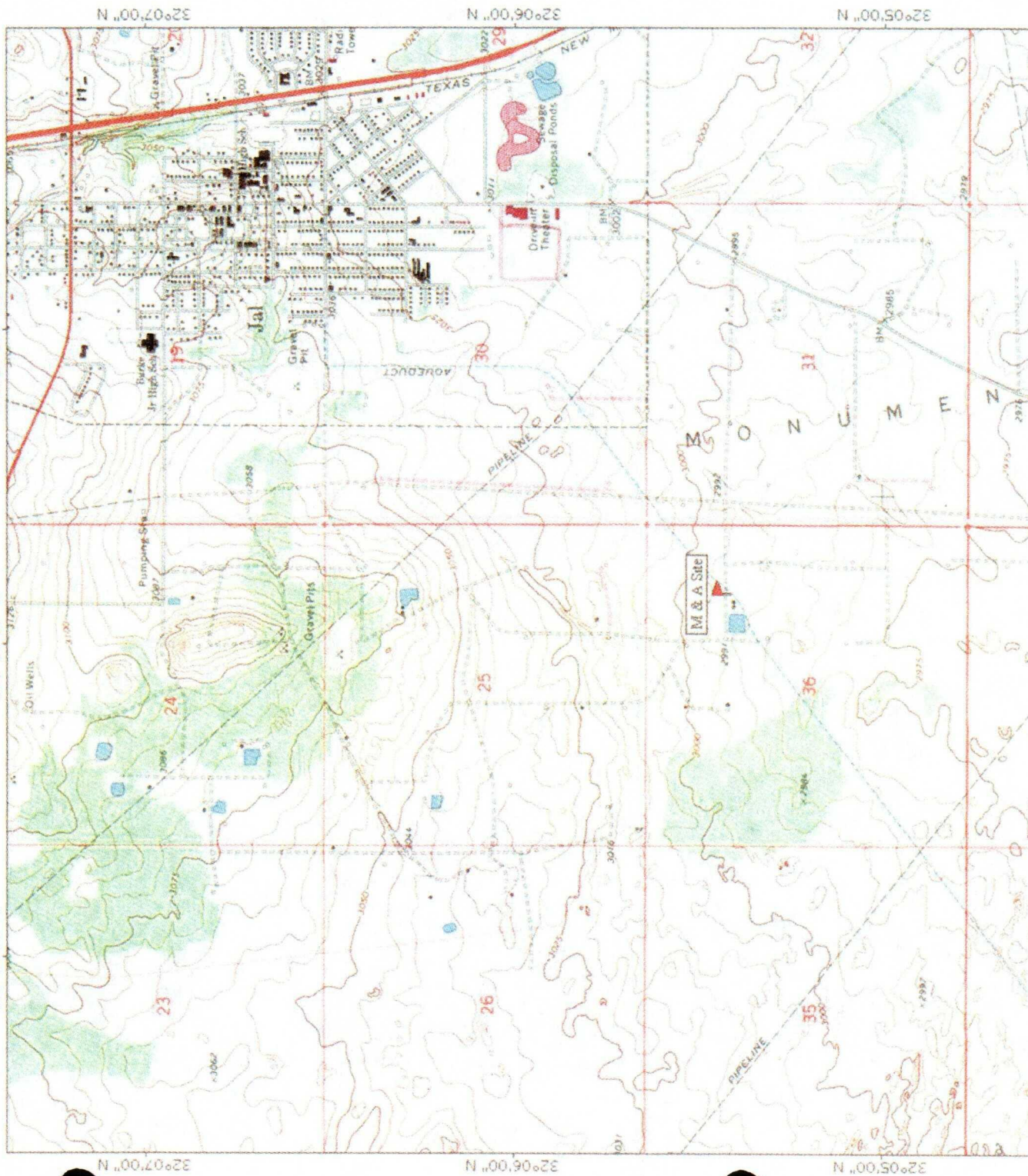


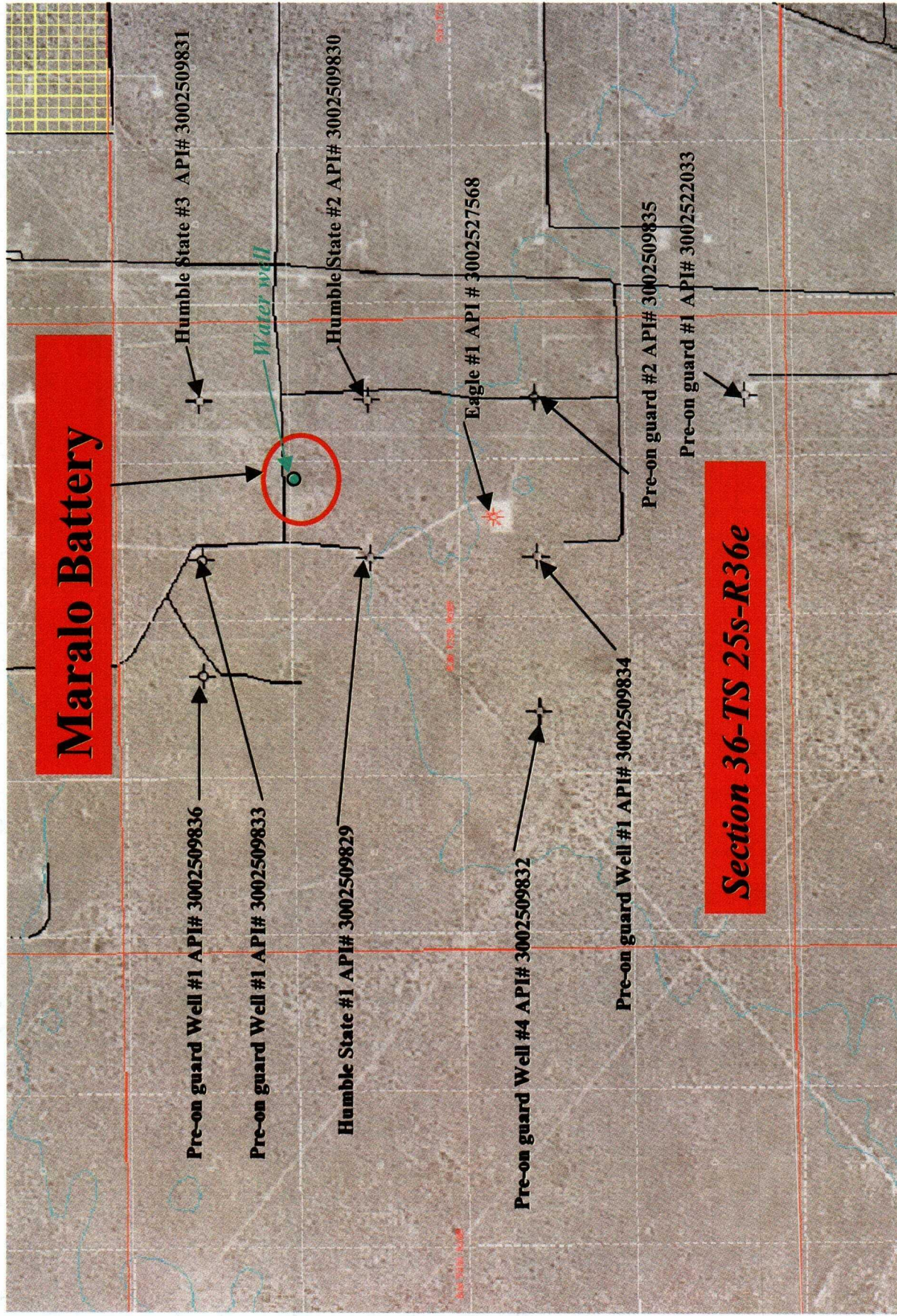
Slide #1

**Sketch: By Wprice-OCD**  
**Scale: 1 inch = 100 feet**

TOPO! map printed on 03/12/03 from "New Mexico.tpo" and "Untitled.tpg" WGS84 103°12'00" W

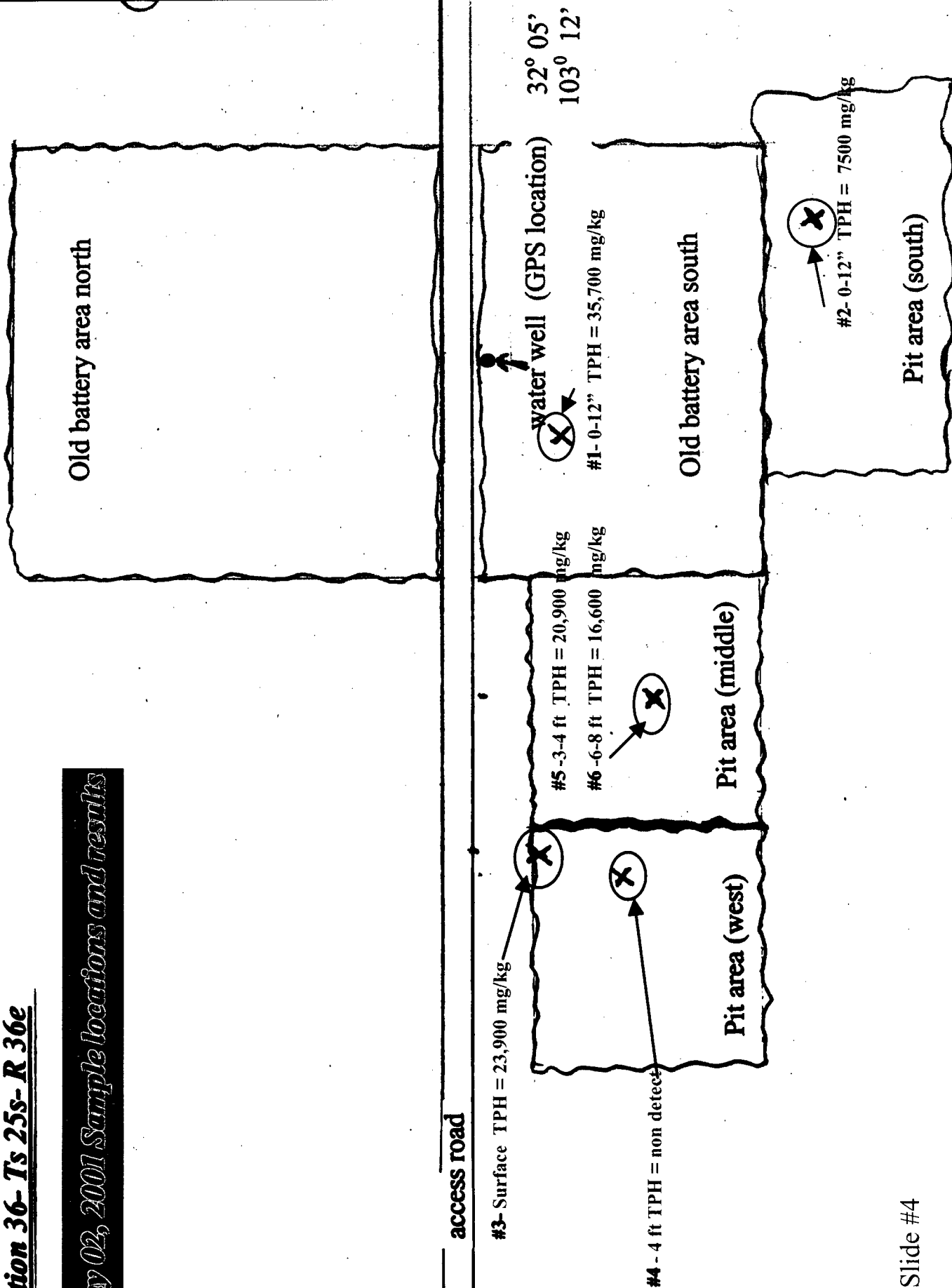
103°14'00" W





**Jay Anthony Ranch-Maralo Humble State #3 Tank Battery Site**  
**Section 36- Ts 25s- R 36e**

**May 02, 2001 Sample locations and results**



Slide #4

**Sketch: By Wprice-OCD**  
**Scale: 1 inch = 100 feet**

# Old battery area south of access road-looking south

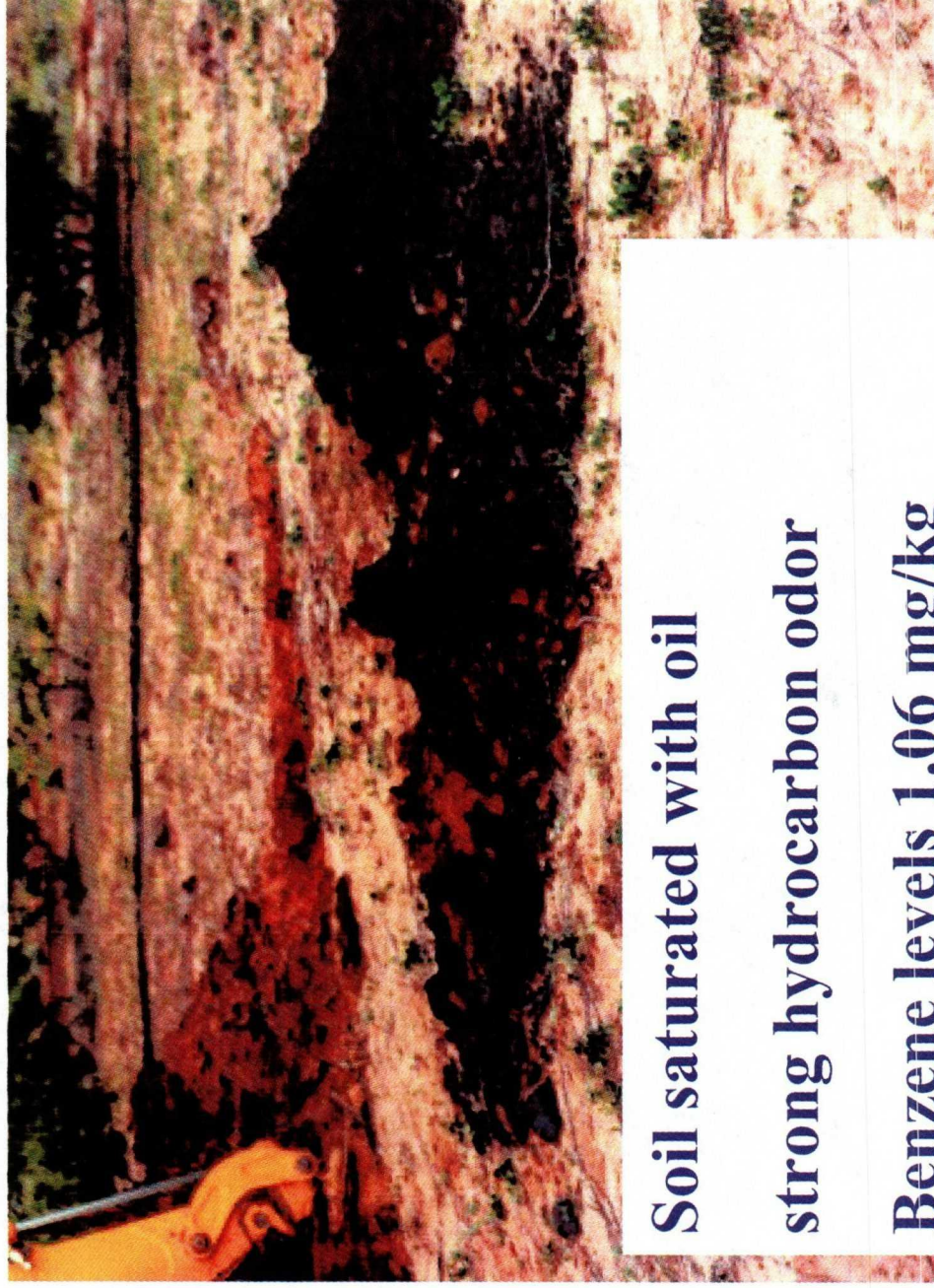


## Sample Point #3 (old berm area of west pit)-looking east



Slide #6

Sample point # 5&6 (middle pit area)



**Soil saturated with oil  
strong hydrocarbon odor**

**Benzene levels 1.06 mg/kg**

**Exceeds groundwater standard by  
a factor of 100**

Slide #7

# **Jay Anthony Ranch-Maralo Humble State #3 Tank Battery Site** **Section 36- Ts 25s- R 36e**

## **May 16, 2002 Sample locations and results**

### Bore Hole-North Area-TPH (mg/kg)

|          |              |
|----------|--------------|
| 2 ft     | 9,040 mg/kg  |
| 4-6 ft   | 8,710 mg/kg  |
| 6-8 ft   | 10,900 mg/kg |
| 10-12 ft | 12,900 mg/kg |
| 15-17 ft | 14,900 mg/kg |
| 20-22 ft | 12,700 mg/kg |
| 25-27 ft | 12,600 mg/kg |

access road

Old battery area north

N



### Bore Hole-SW Area-TPH (mg/kg)

|          |              |
|----------|--------------|
| 5 ft     | 18,800 mg/kg |
| 10 ft    | 25,400 mg/kg |
| 15 ft    | 13,100 mg/kg |
| 20 ft    | 56 mg/kg     |
| 27-28 ft | 143 mg/kg    |

water well (GPS location)

32° 05' 25.600  
103° 12' 52.09

Old battery area south

Pit area (middle)

Pit area (west)

Pit area (south)

Slide #8

**Sketch: By Wprice-OCD**  
**Scale: 1 inch = 100 feet**

## Old battery north of access road- North area bore hole



## Bore Hole SW Area-(middle pit)

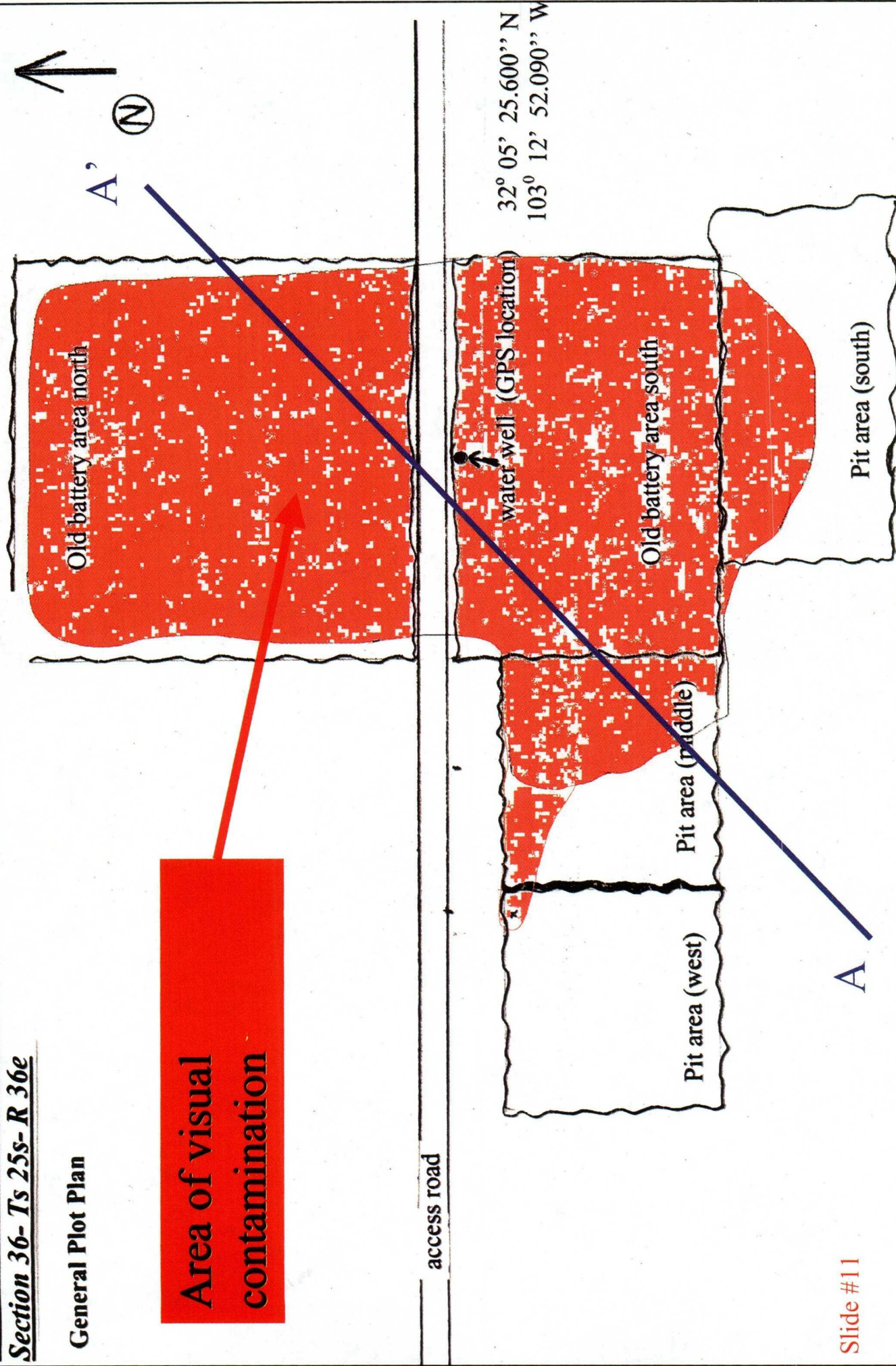


Jay Anthony Ranch-Maralo Humble State #3 Tank Battery Site

Section 36- Ts 25s- R 36e

**General Plot Plan**

**Area of visual  
contamination**

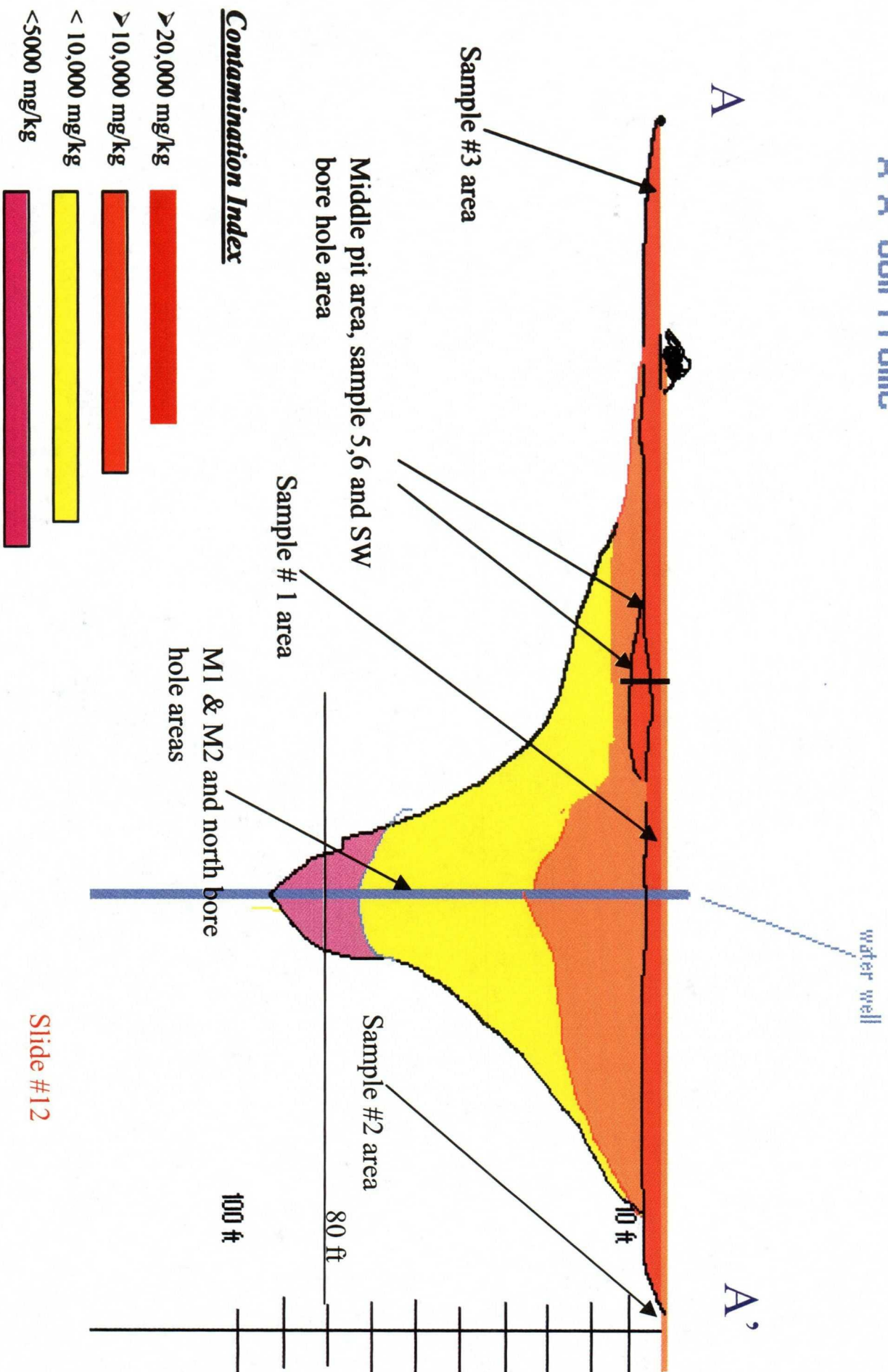


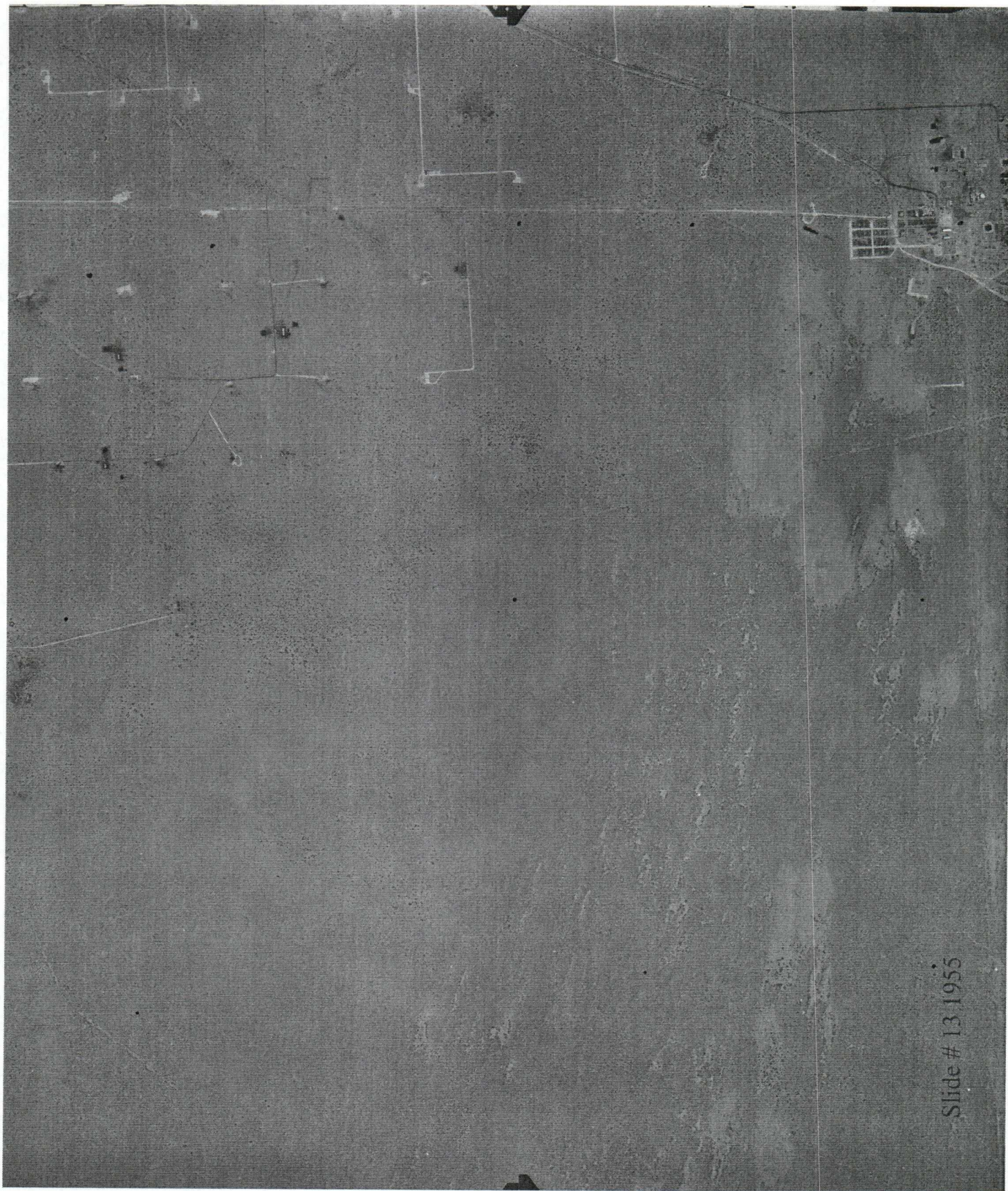
Slide #11

Sketch: By Wprice- OCD

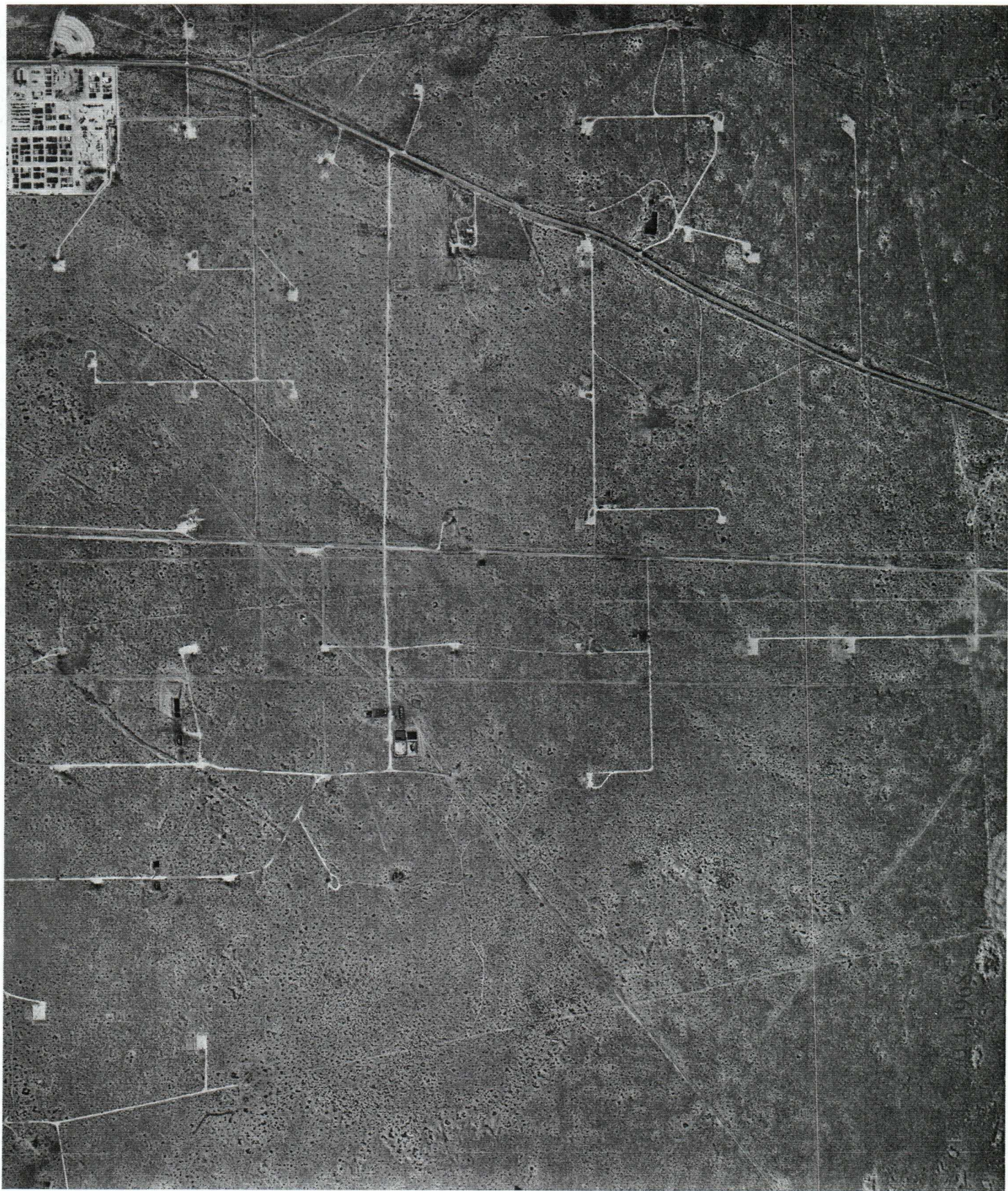
Scale: 1 inch = 100 feet

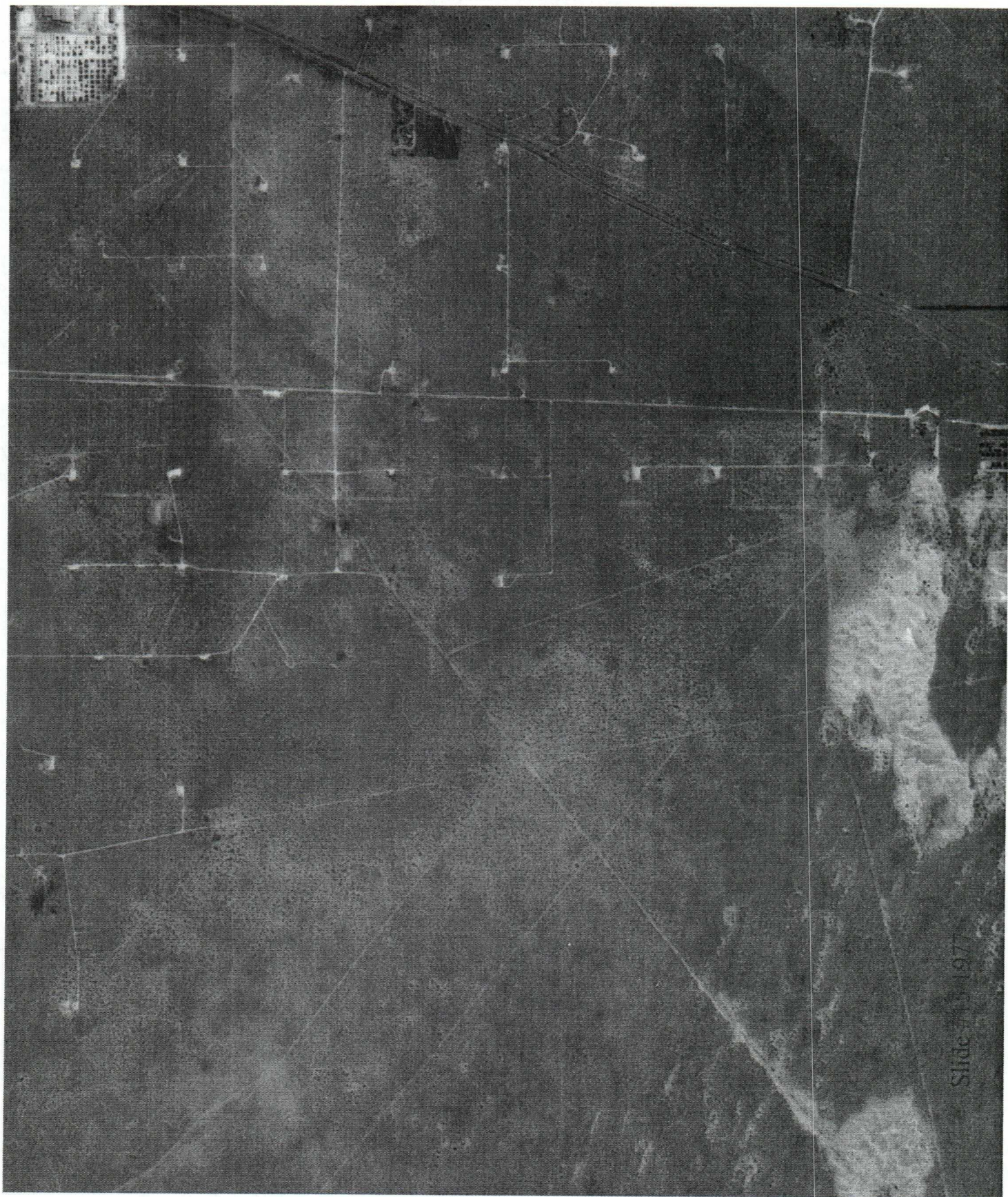
# A-A' Soil Profile





Slide # 13 1955





Slide #13-1977