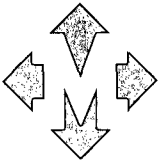


HIP - 43

GENERAL CORRESPONDENCE

YEAR(S):

1995



MID-AMERICA PIPELINE COMPANY

FOUR CORNERS PIPELINE LOOP

A SUBSIDIARY OF MAPCO NATURAL GAS LIQUIDS INC.

OIL CONSERVATION DIVISION
RECEIVED

1995 MAR 23 PM 8 52

RECEIVED

MAR 27 1995

Environmental Bureau
Oil Conservation Division

March 22, 1995

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Dear Mr. Anderson:

I am writing you concerning a new pipeline project that Mid-America Pipeline Company is proposing. Specifically, I am concerned about receiving hydrostatic test water disposal site clearance.

This project is to meet the requirements of the El Paso Chaco Natural Gas Liquids plant located in the Four Corners Area of New Mexico. The expansion plans consist of a pipeline loop, parallel and adjacent to existing Mid-America pipelines, from the Huerfano Pump Station in the Four Corners area to the Hobbs station in Texas. The pipeline loop is approximately four hundred miles in length with a probable diameter of 12.75 inches. An increase of fifty thousand barrels per day will be required to meet the needs of the El Paso Chaco plant.

The Project schedule is considered aggressive, requiring concurrent efforts in engineering, design, drafting, environmental and cultural assessments, right-of-way acquisition, procurement and construction. It is desired to start construction in mid-summer of 1995, and be operational by January 1, 1996.

I have included an overview map of the entire project, and a book containing the hydrostatic testing procedure and the water resource and disposal site locations. I would appreciate it if you would review these locations, and advise me of the permit procedure required. The majority of these sites were used for this purpose during the last pipeline installation by Mid-America Pipeline Company in this area in the early 1980's. Many regulations have changed since this last project; therefore, I would appreciate any recommendation that you would have concerning these locations and the disposal procedures.

If you have any questions or would like to discuss this information, you may contact me at our Albuquerque project office, (505) 823-9443, 5345 Wyoming

918 636 7274 (mobil)
918 599 4049 (OFFICE)

Street NM, Albuquerque, NM 87109. If you would like to set up a meeting in Santa Fe, please let me know. I appreciate your time and cooperation in this matter, and I look forward to hearing from you soon.

Sincerely,

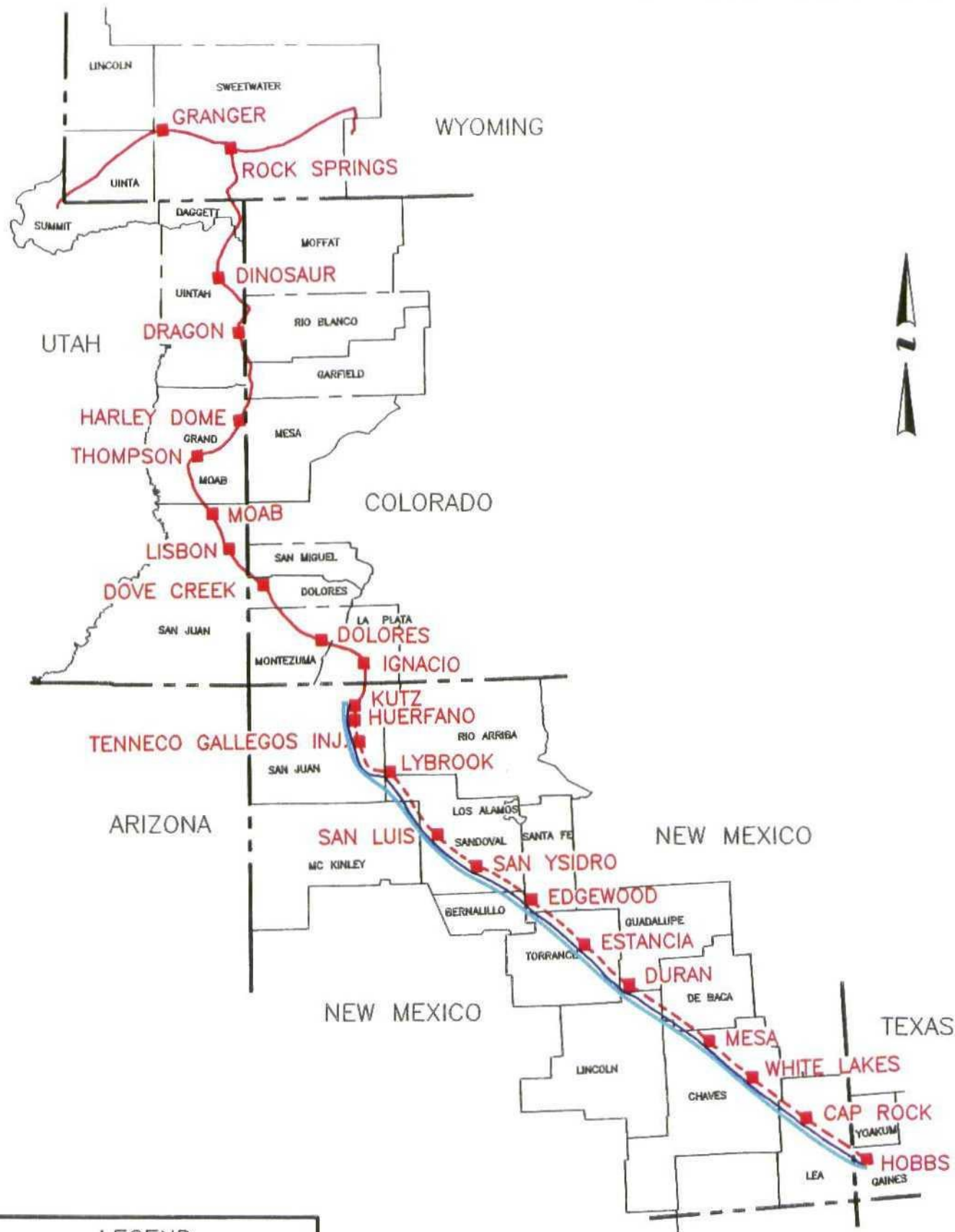
A handwritten signature in cursive script, appearing to read "Cherie Rees".

Cherie Rees
Engineer

Enclosures (2)

cc: Gary Harkey

918 581 1486





MID-AMERICA PIPELINE COMPANY
FOUR CORNERS PIPELINE LOOP
A SUBSIDIARY OF MAPCO NATURAL GAS LIQUIDS INC.

RECEIVED

APR 11 1995

Environmental Bureau
Oil Conservation Division

April 7, 1995

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Dear Mr. Anderson:

Mr. Lee Gibson of the EPA had requested more information about our plans for the hydrostatic test water for our new twelve inch natural gas liquids pipeline; therefore, I thought it might be helpful for you to have the same information. With this information and the information that was sent on March 22, 1995, I am requesting a permit to discharge test water at the sites designated in the report titled "Hydrostatic Testing Procedure and Water Resource & Disposal Site Locations."

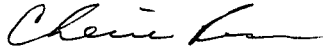
The testing and water will be handled in the following manner. The pipeline will not be pigged before the hydrostatic test is performed. The intake hose will be screened to prevent unwanted items in the hydrostatic test water. The withdraw sites indicated in "Hydrostatic Testing Procedure and Water Resource & Disposal Sites Locations" are tentative locations. We will be working out the details to use this water in the near future. If the Oil Conservation Division has any special requirements for withdrawal sites for hydrostatic test water, please let me know as soon as possible. The discharge rate for disposal will be regulated and energy dissipation devices will be used to prevent erosion of upland areas, streambottom scour, suspension of sediments or excessive stream flows. The energy dissipation devices that will be used in this project are silt fence, sediment trap, gravel or stone filter berm, and straw bale barrier. Diagrams and descriptions of these devices are included. The water will also be tested before it is placed in the pipeline and before it is being discharged to the environment.

I am under the understanding that the EPA does not have an approved permit to discharge for the state of New Mexico. However, I am filing information with the EPA to cover any federal requirements. Furthermore, a permit from the Oil

Conservation Division would cover any additional requirements in the State of New Mexico.

If you have any questions or would like to discuss this information, you may contact me at our Albuquerque project office, (505) 823-9443, 5345 Wyoming Street NM, Albuquerque, NM 87109. I appreciate your time and cooperation in this matter, and I look forward to hearing from you soon.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cherie Rees".

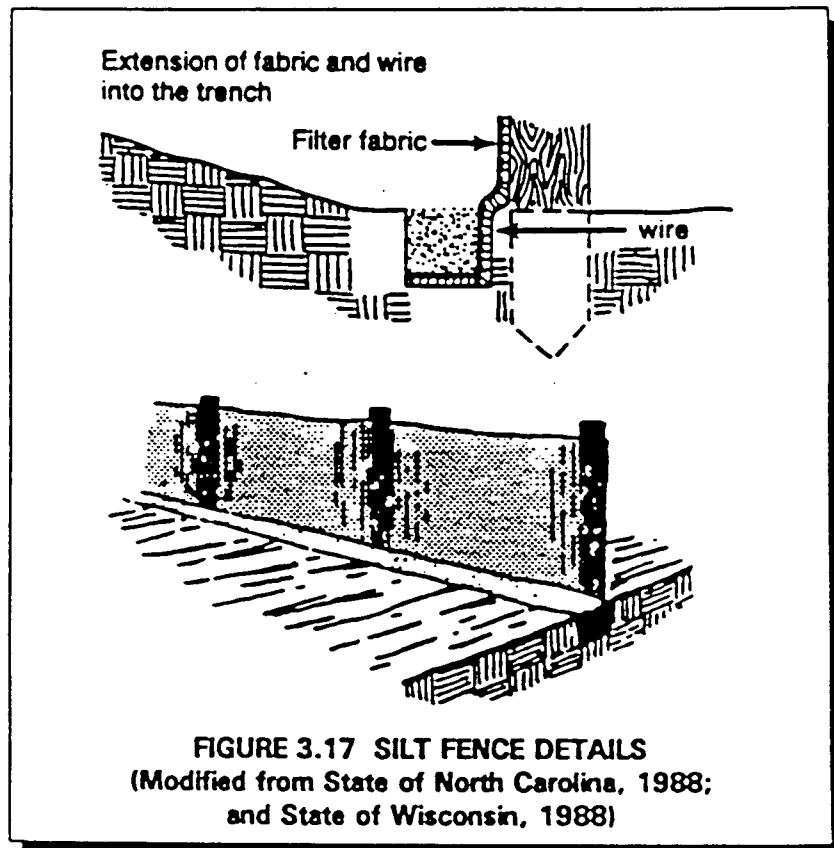
Cherie Rees
Engineer

cc: Gary Harkey

Silt Fence

What Is It

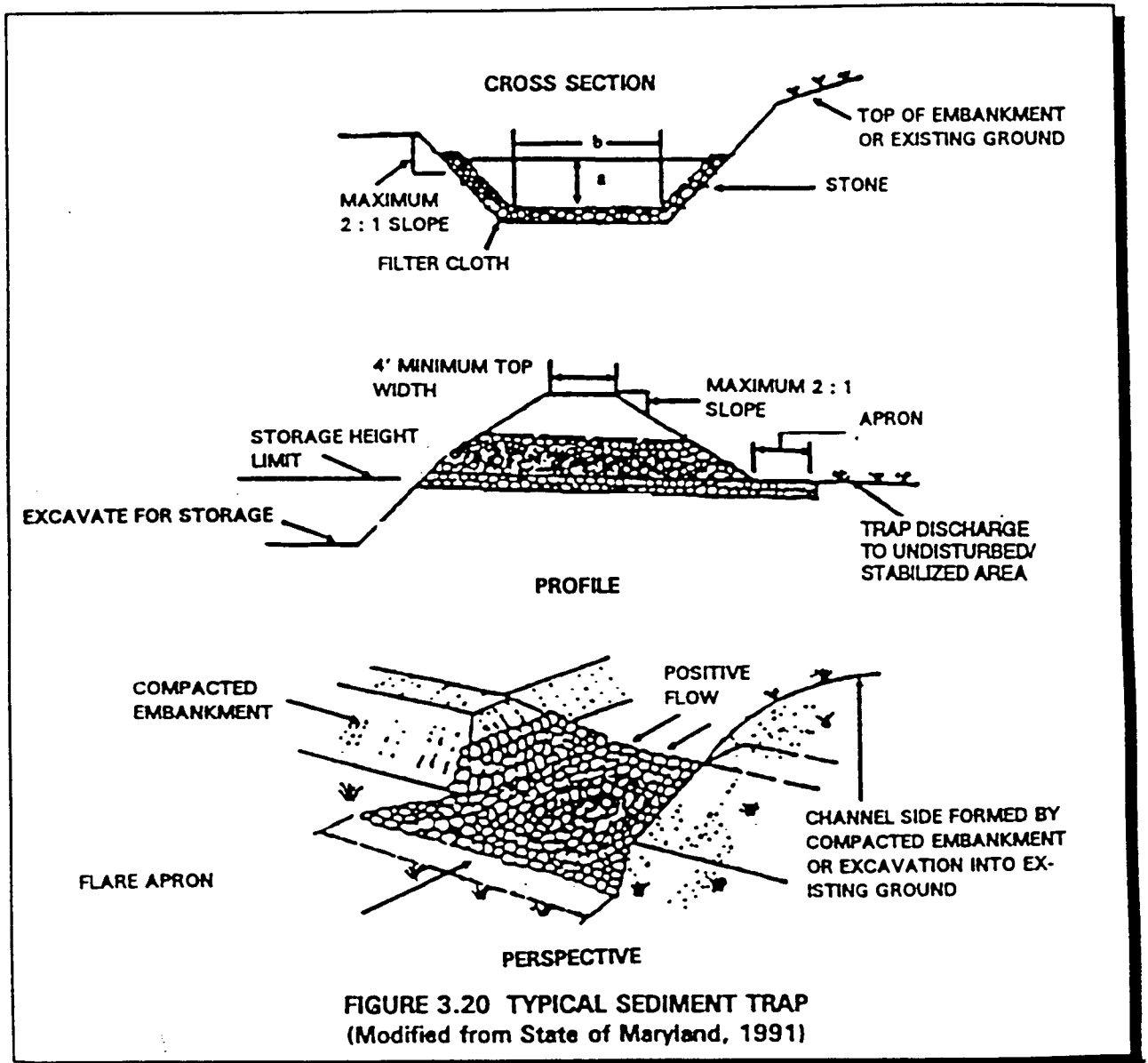
A silt fence, also called a "filter fence," is a temporary measure for sedimentation control. It usually consists of posts with filter fabric stretched across the posts and sometimes with a wire support fence. The lower edge of the fence is vertically trenched and covered by backfill. A silt fence is used in small drainage areas to detain sediment. These fences are most effective where there is overland flow (runoff that flows over the surface of the ground as a thin, even layer) or in minor swales or drainageways. They prevent sediment from entering receiving waters. Silt fences are also used to catch wind blown sand and to create an anchor for sand dune creation. Aside from the traditional wooden post and filter fabric method, there are several variations of silt fence installation including silt fence which can be purchased with pockets presewn to accept use of steel fence posts.



Sediment Trap

What Is It

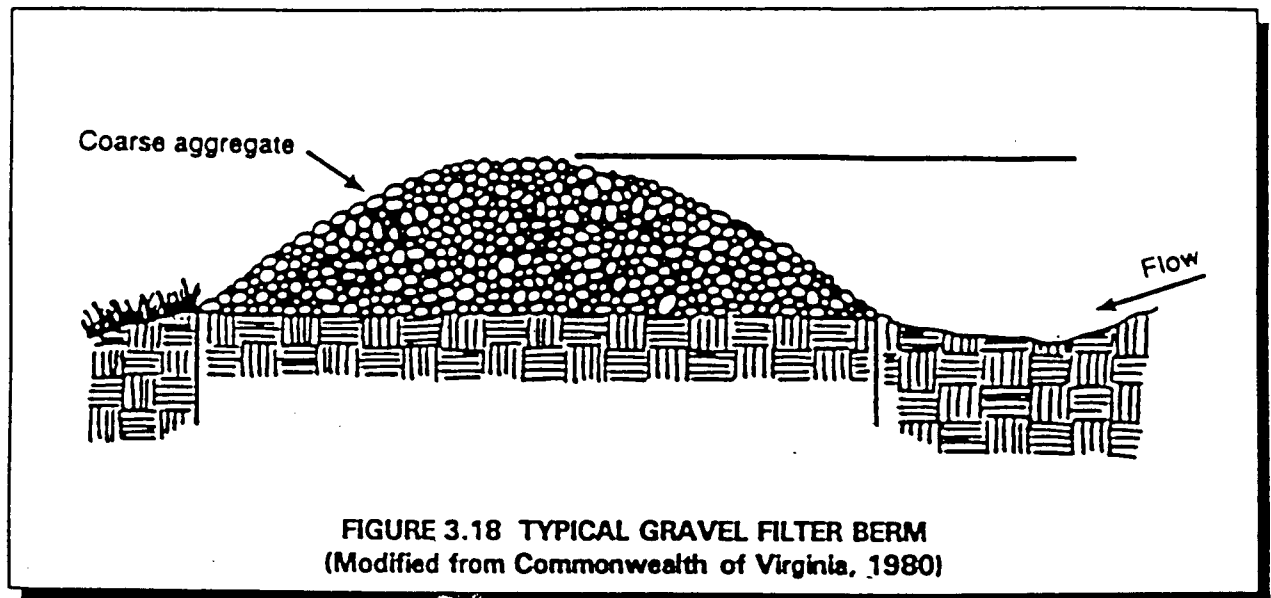
A sediment trap is formed by excavating a pond or by placing an earthen embankment across a low area or drainage swale. An outlet or spillway is constructed using large stones or aggregate to slow the release of runoff. The trap retains the runoff long enough to allow most of the silt to settle out.



Gravel or Stone Filter Berm

What Is It

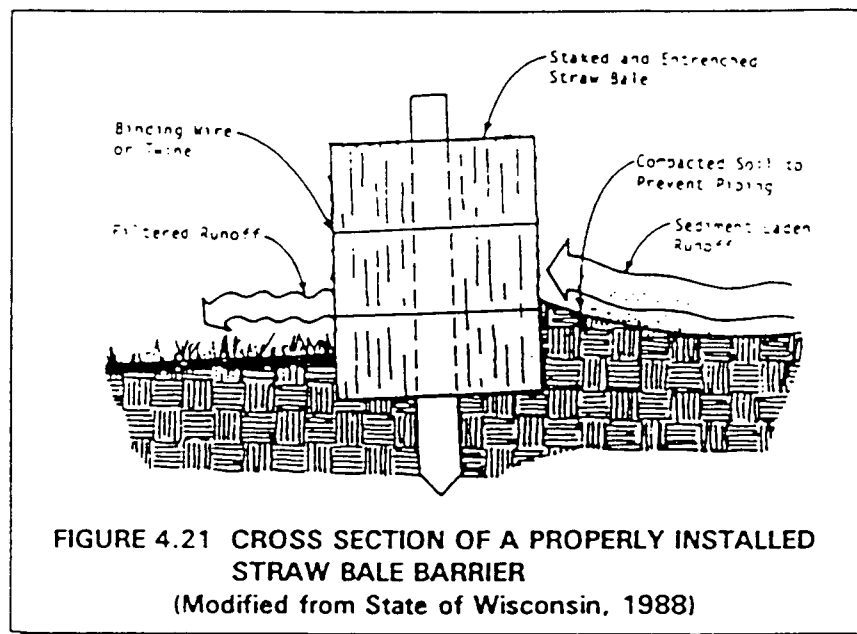
A gravel or stone filter berm is a temporary ridge constructed of loose gravel, stone, or crushed rock. It slows and filters flow, diverting it from an exposed traffic area. Diversions constructed of compacted soil may be used where there will be little or no construction traffic within the right-of-way. They are also used for directing runoff from the right-of-way to a stabilized outlet.



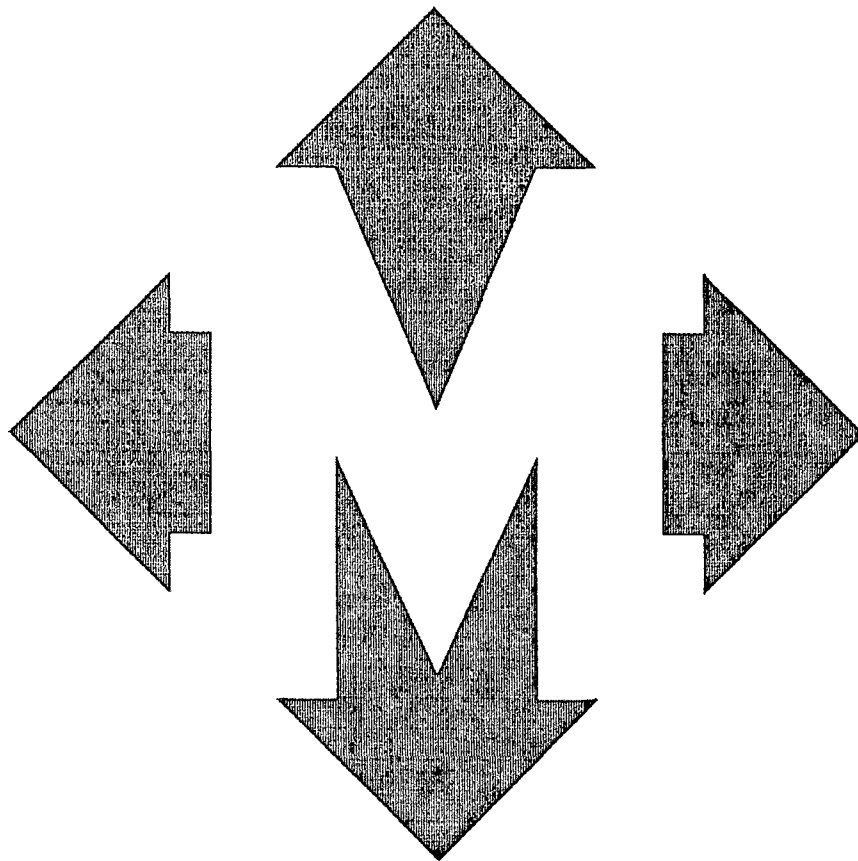
Straw Bale Barrier

What Is It

Straw bales can be used as a temporary sediment barrier. They are placed end to end in a shallow excavated trench (with no gaps in between) and staked into place. If properly installed, they can detain sediment and reduce flow velocity from small drainage areas. A straw bale barrier prevents sediment from leaving the site by trapping the sediment in the barrier while allowing the runoff to pass through. It can also be used to decrease the velocity of sheetflow or channel flows of low-to-moderate levels.



MID-AMERICA PIPELINE COMPANY



HYDROSTATIC TESTING PROCEDURE
AND

WATER RESOURCE & DISPOSAL SITE LOCATIONS

1995 FOUR CORNERS PIPELINE LOOP PROJECT

Hydrostatic Testing Water Source and Discharge Procedures

A. Timing

- Perform 100 % Radiographic inspection of pipeline section welds prior to hydrostatic testing.

B. Intake Source and Rates

- Screen intake hose to prevent entrainment of fish.
 - Do not utilize state designated exceptional value waters, or streams designated as public water supplies, unless appropriate state and local permitting agencies grant permission.
 - Notify state water quality and fishery management agencies of intent to use specific sources at least 48 hours prior to testing activities.
 - Adequate flow rates shall be maintained to protect aquatic life, provide for all in-stream uses, and provide for downstream withdrawals of water by existing users.
- ⇒ Apply for state-issued withdrawal permit, as required.

C. Discharge location, Method, Rate

- Regulate discharge rate and utilize energy dissipation devices in order to prevent erosion of upland areas, streambottom scour, suspension of sediments, or excessive stream flows.
 - Discharge test water from pipeline, using velocity dispersion device, into haybale/silt fence containment structure.
- ⇒ Obtain National Pollutant Discharge Elimination System (NPDES) or state-issued discharge permit, as required.
- Sample test water during discharge in accordance with any NPDES or state-issued discharge permit requirements.

TABLE OF CONTENTS

ORIENTATION MAP.....	I
LEGEND.....	II
 SITE # & DESCRIPTION	
1W -Irrigation Ditch, San Juan Co.....	1
Photo(s).....	1.1
Photo(s).....	1.2
Photo(s).....	1.3
2W - Main Irrigation Ditch, San Juan Co.....	1
Photo(s).....	1.4
3W - San Juan River, San Juan Co.....	1
4W - City of Bloomfield.....	1
1D - 3.5 Miles West of the City of Nageezi, A. M. 384.1, San Juan Co.....	2
Photo(s).....	2.1
2D - Hwy 44 & Pipeline Intersection, Rio Arriba Co.....	3
Photo(s).....	3.1
3D - 0.5 Miles South of A. M. 366, Sandoval Co.....	3
Photo(s).....	3.2
Photo(s).....	3.3
4D - Continental Divide, Sandoval Co.....	3
Photo(s).....	3.4
5D - 2 Miles NW of San Luis Station, Sandoval Co.....	4
Photo(s).....	4.1
6D - San Luis Station, Sandoval Co.....	4
Photo(s).....	4.2
7D & 5W - Rio Puerco River, Sandoval Co.....	4
Photo(s)7D.....	4.3
Photo(s)5W.....	4.4
8D - A.M. 312.8, Sandoval Co.....	5
Photo(s).....	5.1
9D - A.M. 299.3, Sandoval Co.....	5
Photo(s).....	5.2

(W) = WATER SITES, (D)= DISPOSAL SITES

SITE # & LOCATION	PAGE
10D - West of the Rio Grande River, Sandoval Co.....	6
Photo(s).....	6.1
6W - Rio Grande River, Sandoval Co.....	6
Photo(s).....	6.2
7W - Bernalillo Canal, Sandoval Co.....	6
Photo(s).....	6.3
11D - East of I-25, Sandoval Co.....	6
Photo(s).....	6.4
12D - A.M. 274.8, Sandoval Co.....	6
Photo(s).....	6.5
13D - East of Block Valve, A.M. 271.95, Sandoval Co.....	7
Photo(s).....	7.1
14D - 0.25 Mile East of Hwy 14 Crossing, Sandoval Co.....	7
Photo(s).....	7.2
15D - 1 Mile East of Hwy 14 Crossing, Bernalillo Co.....	7
Photo(s).....	7.3
16D - 2.5 Miles NW of Edgewood Station, Santa Fe Co.....	7
Photo(s).....	7.4
17D - Edgewood Station, Santa Fe Co.....	7
Photo(s).....	7.5
18D - A.M. 239.2, Santa Fe Co.....	7
Photo(s).....	7.6
19D - Hwy 41, Torrance Co.....	7
Photo(s).....	7.7
8W - Several Irrigation Pumps, Santa Fe & Torrance Co.'s.....	7
Photo(s).....	7.8
20D - Estancia Station, Torrance Co.....	8
Photo(s).....	8.1
21D - 2 Miles West of Hwy. 60, Torrance Co.....	9
Photo(s).....	9.1
22D - 3.75 Miles SW of Hwy. 60/285, Torrance Co.....	10
Photo(s).....	10.1
23D - 1.4 Miles SE of Hwy. 54, Torrance Co.....	10
Photo(s).....	10.2

(W) = WATER SITES, (D)= DISPOSAL SITES

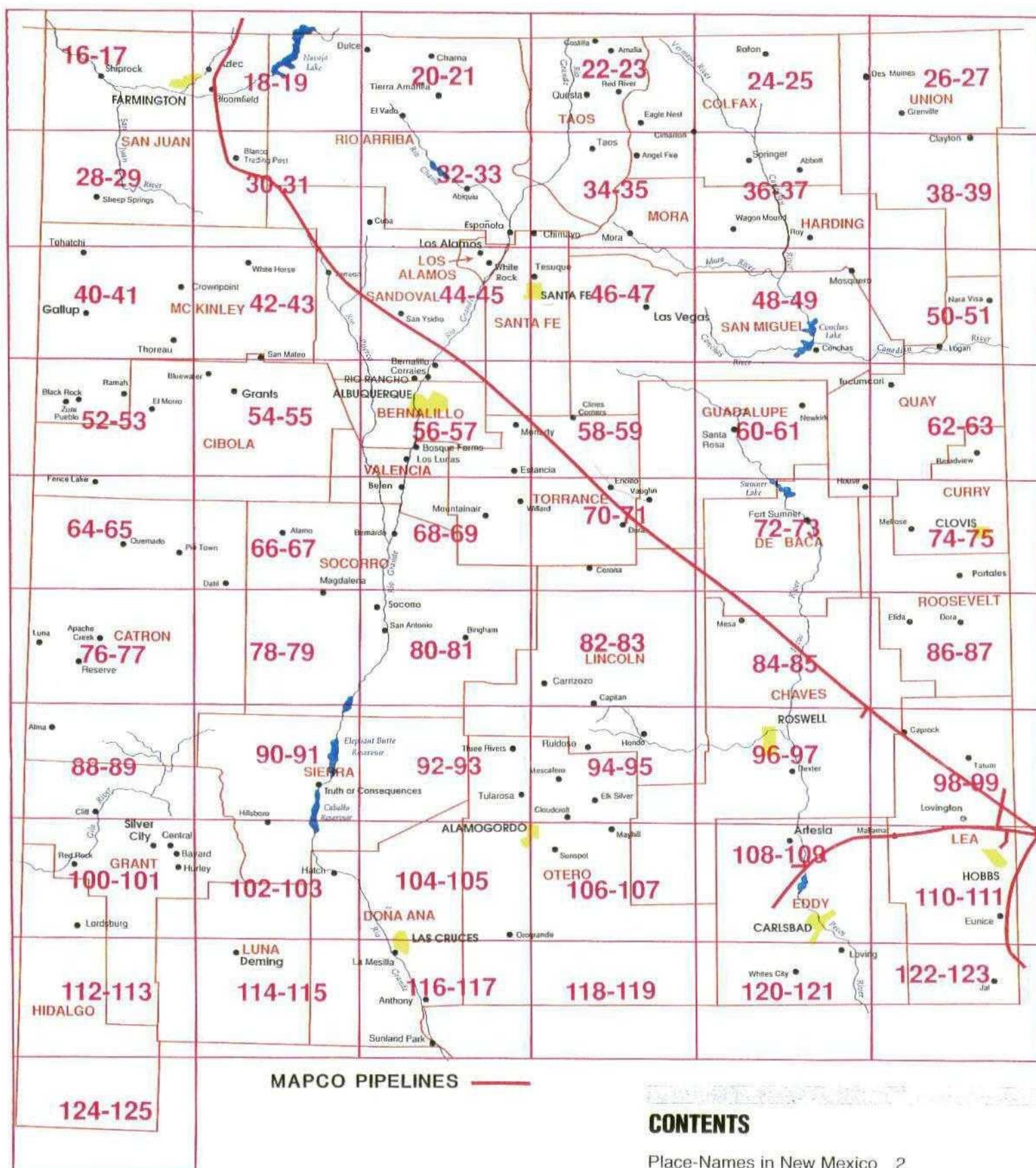
SITE # & LOCATION	PAGE
24D - Duran Station, Guadalupe Co..... Photo(s).....	10 10.3
25D - South of Hwy 285, Guadalupe Co..... Photo(s).....	10 10.4
26D - 3 Miles SW of 285, Lincoln Co..... Photo(s).....	10 10.5
27D - West off of Hwy. 285, Lincoln Co..... Photo(s).....	11 11.1
28D - A.M. 142, De Baca Co..... Photo(s).....	11 11.2
29D - South of Hwy. 20, Chaves Co..... Photo(s).....	12 12.1
30D - 3 Miles North of Dona Anna Road, Chaves Co..... Photo(s).....	12 12.2
31D - East of Hwy 285, Chaves Co..... Photo(s).....	13 13.1
9W - A.M. 106, Chaves Co..... Photo(s).....	13 13.2
32D - 3 Miles East of Santa Risa Rd., Chaves Co..... Photo(s).....	13 13.3
33D - White Lakes Station, Chaves Co..... Photo(s).....	13 13.4
34D - Hwy 380, Chaves Co..... Photo(s).....	15 15.1
35D - South of Hwy 380, Chaves Co..... Photo(s).....	15 15.2
36D - Caprock Station, Lea Co..... Photo(s).....	15 15.3
37D - West of Hwy. 206, Lea Co..... Photo(s).....	16 16.1
10W - From A.M. 31 to A.M. 30, Lea Co..... Photo(s).....	16 16.2

(W) = WATER SITES, (D)= DISPOSAL SITES

SITE # & LOCATION

	PAGE
38D - Approx. 7 Miles East of the City of Lovington, Lea Co.....	16
Photo(s).....	16.3
11W - A.M. 21 to A.M. 19.5, Lea Co.....	16
Photo(s).....	16.4
39D - Hobbs Station, Gaines Co., TX.....	17
Photo(s).....	17.1
12W - Hobbs Station, Gaines Co., TX.....	17
Photo(s).....	17.2

(W) = WATER SITES, (D)= DISPOSAL SITES



ORIENTATION MAP

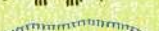
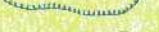
This map shows the state divided into fifty-five rectangular sections. The page number for that section is shown in red.

CONTENTS

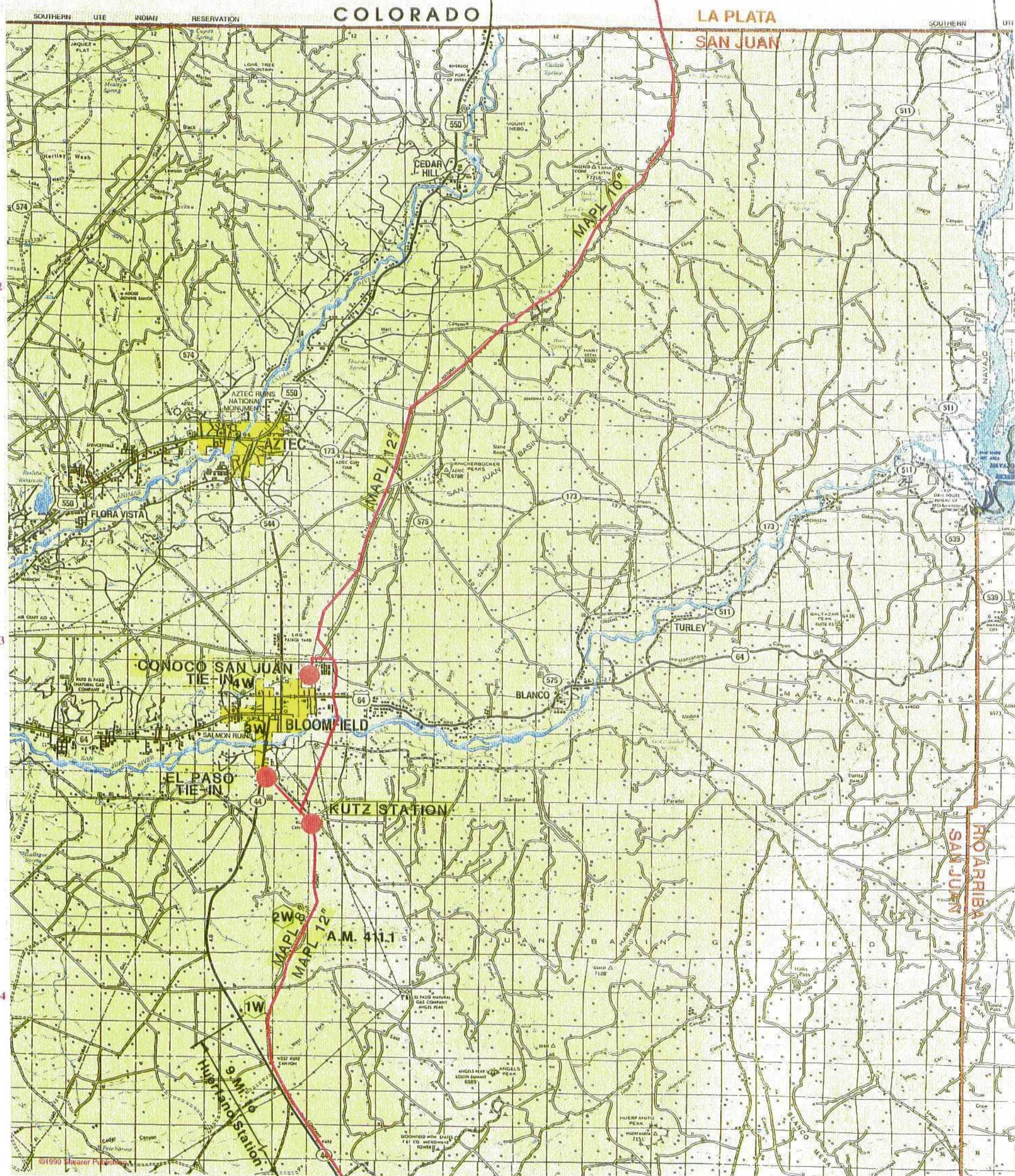
Place-Names in New Mexico	2
Roadside Attractions	2
New Mexico Road Facts	3
Trinity Site	4
Forts and Missions	6
Glimpses of New Mexico	7
The Pueblos	8
Ghost Towns	9
New Mexico Weather	10
New Mexico Movies	11
National and State Recreation Areas	12-13
Historic Engineering Sites	14
Festivals and Other Annual Events	14
General Reference Map	15
Maps	16-125
Index	126-128



LEGEND

	Water Resource Site		Disposal Site
	Primitive		Unimproved
	Graded and Drained		Gravel or Stone—not Graded and Drained
	Gravel or Stone—Graded and Drained		Bituminous Surfaced
	Paved		Divided Highway (With Crossover)
	Road or Street in congested area		Mileage indicated thus
			Highway Interchange
	Federal Aid Interstate Highway Number (All Interstate Routes Have Controlled Access)		U.S. Highway Number
	State Highway Number		Santa Fe National Historic Trail
	National or State Line		County Line
	Indian Reservation Line		National Park, National Monument, and State Park Line
	National Forest and Game or Bird Refuge Line		Military Reservation Line
	Land Grant Line		Corporate Limit Line
	Township Line		Section Line—Surveyed
	Boundary Monuments		Triangulation Station
	Identical Lookout and Triangulation Station		Identical Airway Beacon and Triangulation Station
	Identical Church and Triangulation Station		Identical Schoolhouse and Triangulation Station
	Identical Building and Triangulation Station		Permanent Bench Mark and Elevation
	Prominent Elevation		Township Corner in Place
	Section Corner in Place		State Capital
	County Seat		Other City, Town, or Village
	City, Town, or Village (Incorporated)		Town or Village (Dashed Line denotes limits of Supplementary Vicinity Map*)
	Dwelling or Farm Unit		Group of Dwellings (Figure denotes number of units)
	Hotel		Store or Small Business House
	Post Office		Business and Post Office
	City Hall		Schoolhouse
	Church		Cemetery
	Hospital		Factory or Industrial Plant
	Electric Power Station		Transmitting Tower
	Radio Station		Correctional Institution
	Sawmill		Drive-in Theater
	Fire Station		Historic Ruin
	Vacant Units are shown by open symbols, thus:		Figure denotes number of units of like kind
	Mine		Gravel Pit
	Corral		Windmill
	Well or Water Tank		Artesian Wells
	Oil or Gas Wells		Forest Ranger Station, District
	Forest Ranger Station, Year-long		Forest Ranger Station, Seasonal
	Permanent Lookout Station		Camping Ground
	Railroad		Narrow Gauge Railroad
	Railroad Tunnel		Railroad Station (Local Agent)
	Railroad Station (Prepay)		Grade
	Railroad above		Railroad below
	Railroad		Highway (over 20' span)
	Ford		Dam on Large River
	Dam on Small Stream		Reservoir and Dam
	Ditch or Canal		Flume
	Syphon		Pipeline or Conduit
	Tramway		Telephone or Telegraph Line
	Telephone or Telegraph Line along road		Transmission Line
	Fence (any type)		Spring
	River		Stream
	Intermittent Stream		Large Intermittent Stream
	Marsh or Swamp		Levee or Dike
	Mountain Range, Mesa, or Butte		Sink or Depression
	Army, Navy, or Marine Corps Field		Commercial or Municipal Airport
	Intermediate Field		Landing Area or Strip
	Airway Light Beacon		Garbage, Rubbish, and Other
	Auto		Scrap Metal
	Land Fill		

*Supplementary Maps are available from New Mexico State Highway and Transportation Department



(1W) Site # 1W Located at Irrigation Ditch Lateral at Hwy. Mi. Marker 142.1 Approx. 9 Miles North of Huerfano Sta. (Huerfano Sta. at Hwy. Mi. Marker 133 on Hwy. 44)

(2W) Site # 2W Located at Main Irrigation Ditch A.M. 411.1 on Pipeline Approx. 12 Miles North of Huerfano Sta.

(3W) Site # 3W San Juan River Approx. 17 Miles North of Huerfano Sta. (Hwy. Mi. Marker 151)

(4W) Site # 4W City of Bloomfield



LOCATION LA 201-242 DATE 1-18-92
 DESCRIPTION Overlook S.W. corner of
Quail S. State Park BY S. D. Dyer



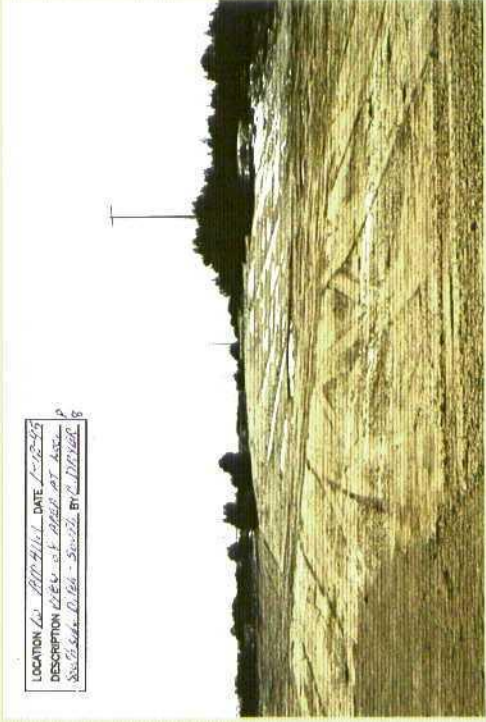
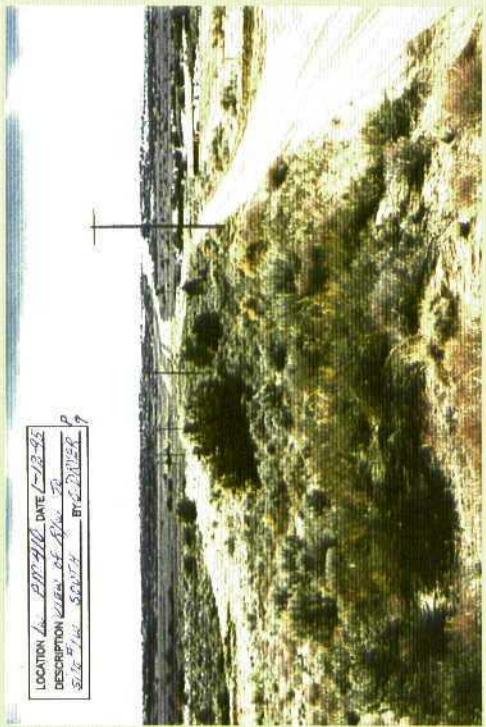
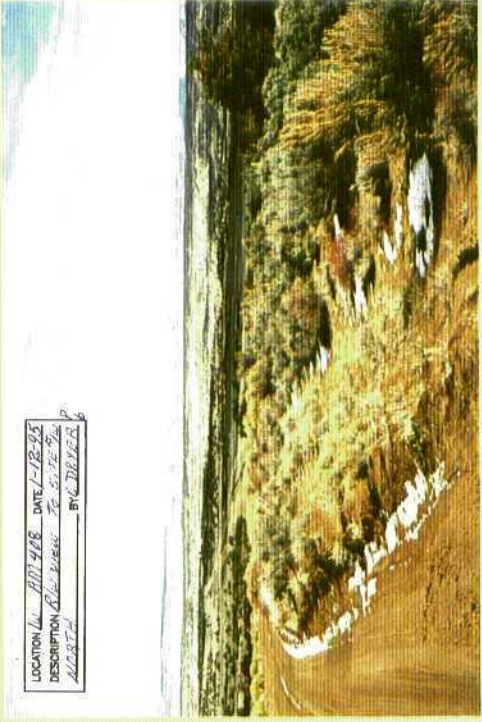
LOCATION LA 201-242 DATE 1-18-92
 DESCRIPTION Overlook S.W. corner of
Quail S. State Park BY S. D. Dyer



LOCATION LA 201-242 DATE 1-18-92
 DESCRIPTION Overlook S.W. corner of
Quail S. State Park BY S. D. Dyer



LOCATION LA 201-242 DATE 1-18-92
 DESCRIPTION Overlook S.W. corner of
Quail S. State Park BY S. D. Dyer



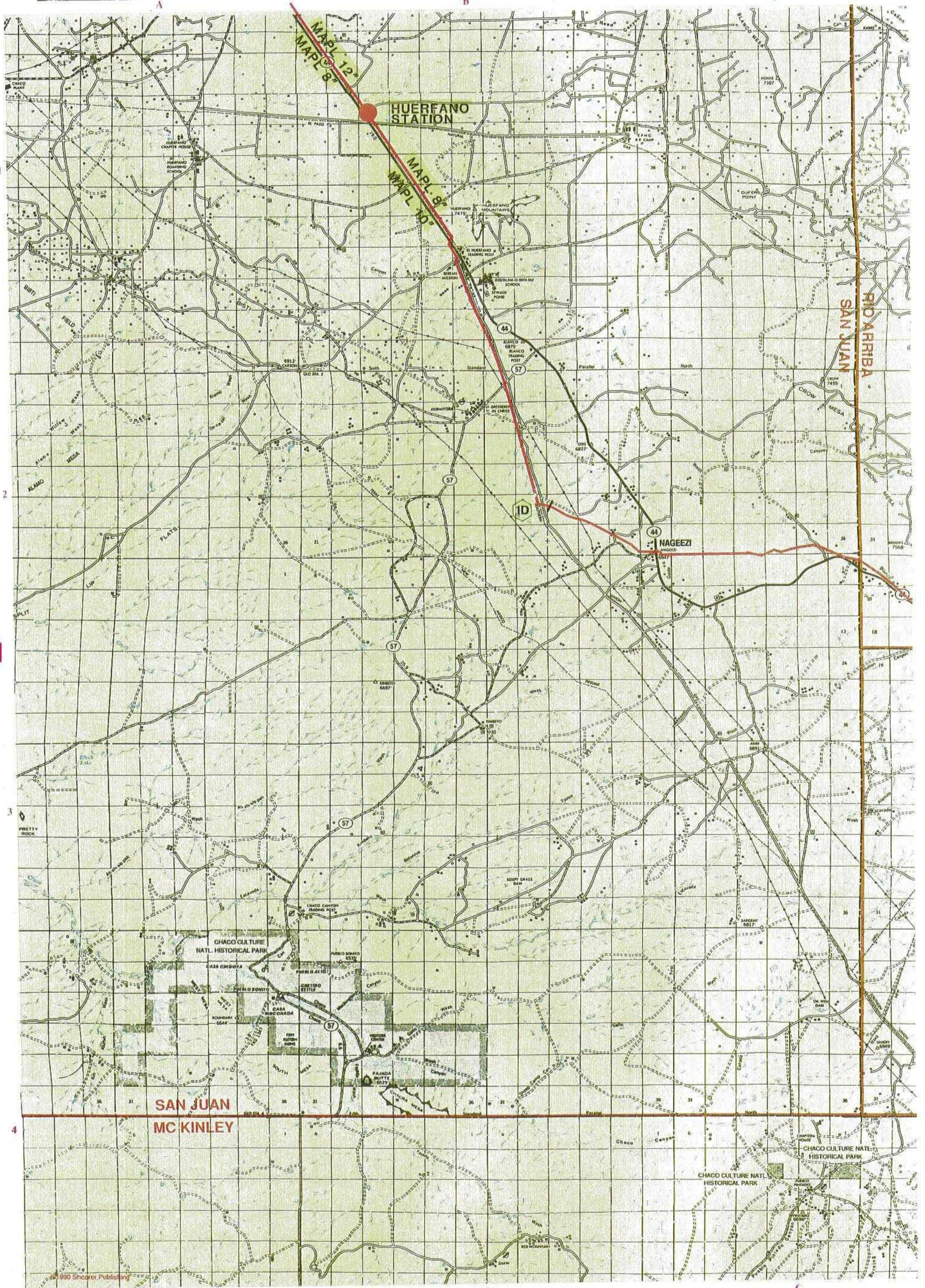


LOCATION 215 E 72ND	DATE 1-14-95
DESCRIPTION ABOVE IN INFORMATION 215 New York Ave. NW 145 BY L. DIVER	

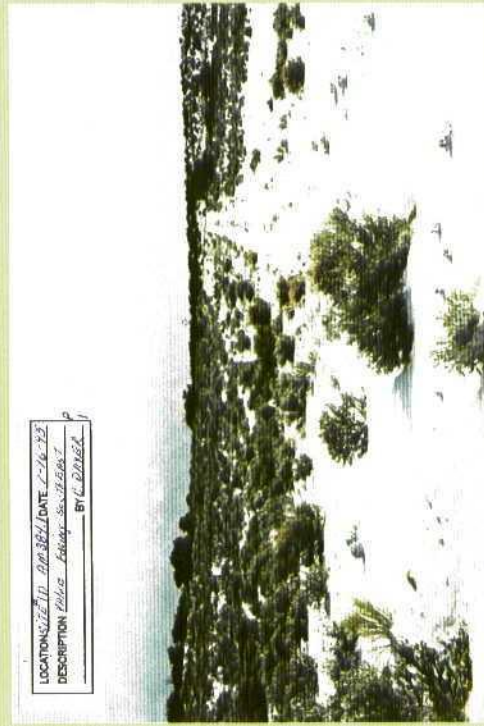


LOCATION 5.75 FT 2.41 DATE 1-14-95
DESCRIPTION South Hwy 44 AT mile
marker 42.1 sta 133 BY K. DAVEN

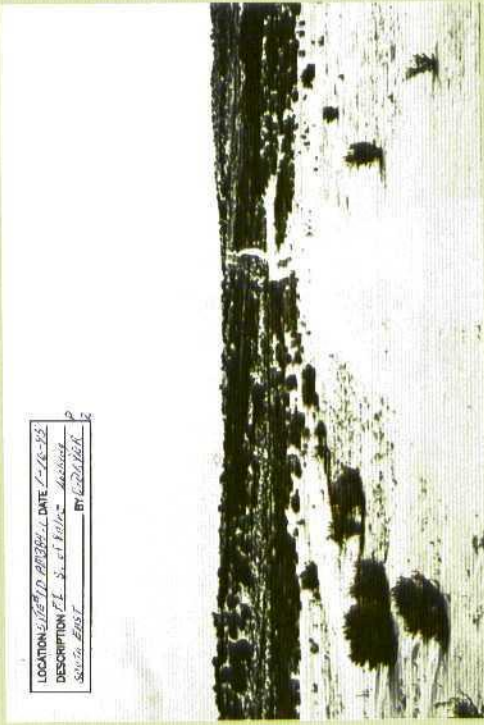




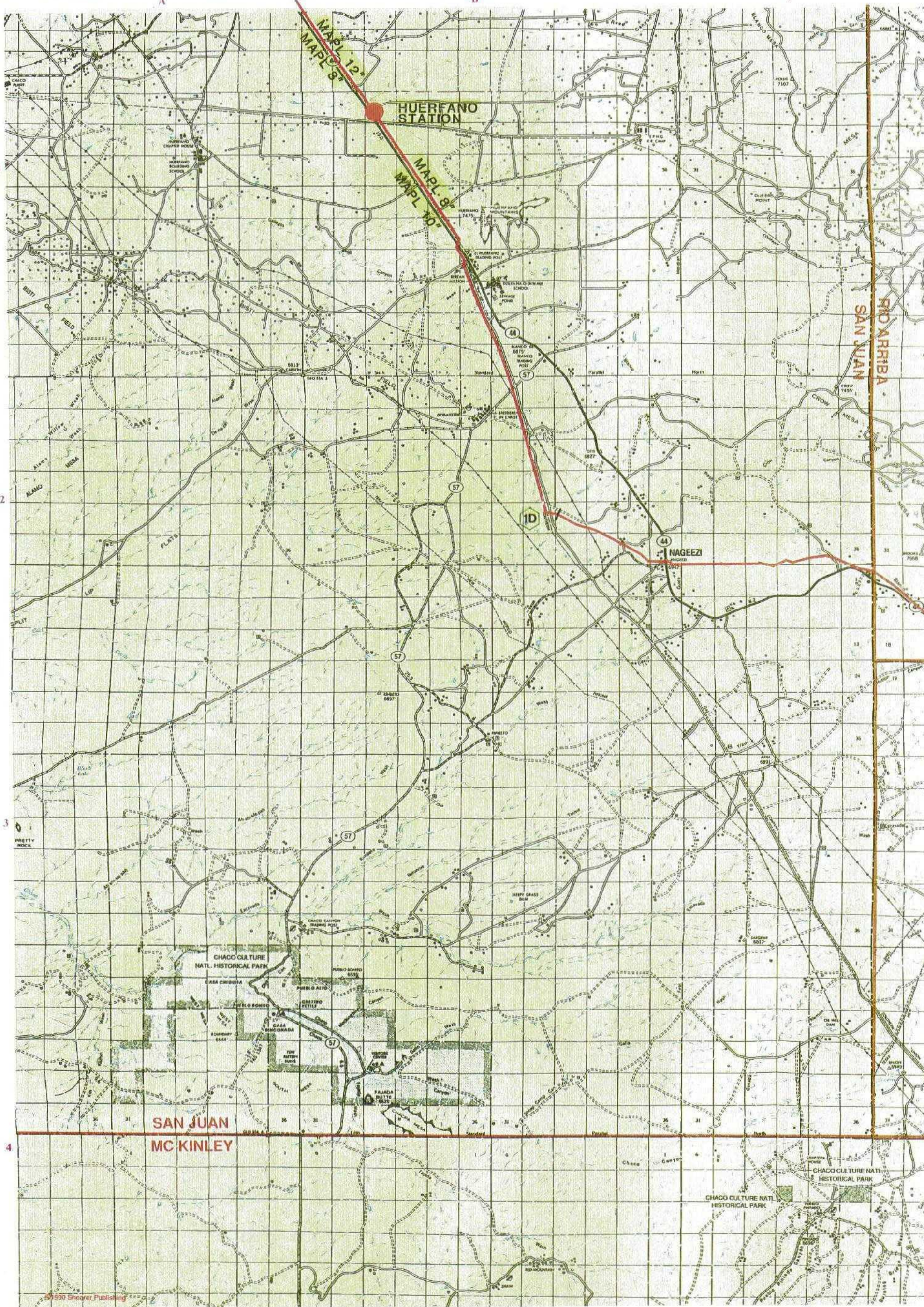
(1D) Disposal Site #1D Located at A.M. 384.1



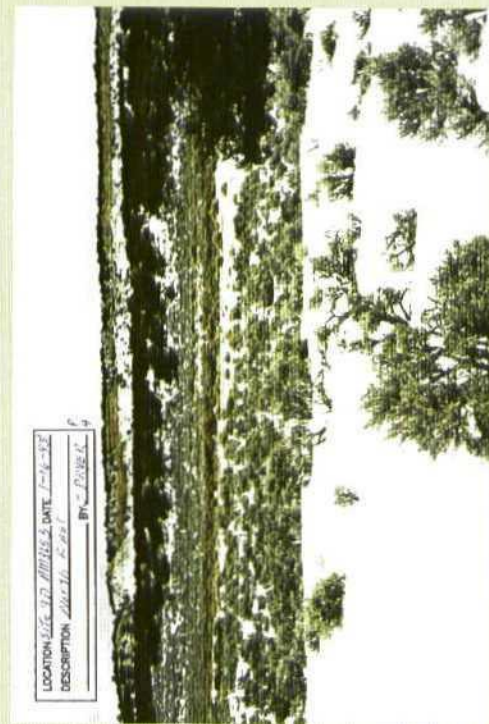
LOCATION: 212° 10' 00" 384 / DATE: 1-16-92
 DESCRIPTION: 212° 10' 00" 384 - 384 East
 BY: C. D. 10182



LOCATION: 212° 10' 00" 384 / DATE: 1-16-92
 DESCRIPTION: 212° 10' 00" 384 - 384 East
 BY: C. D. 10182



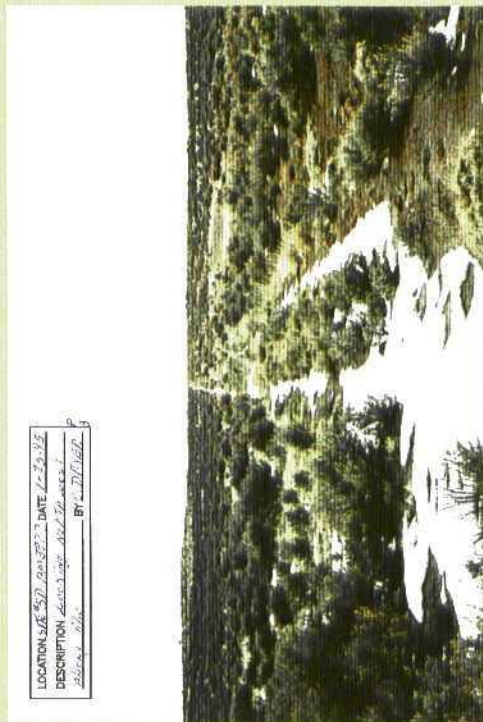
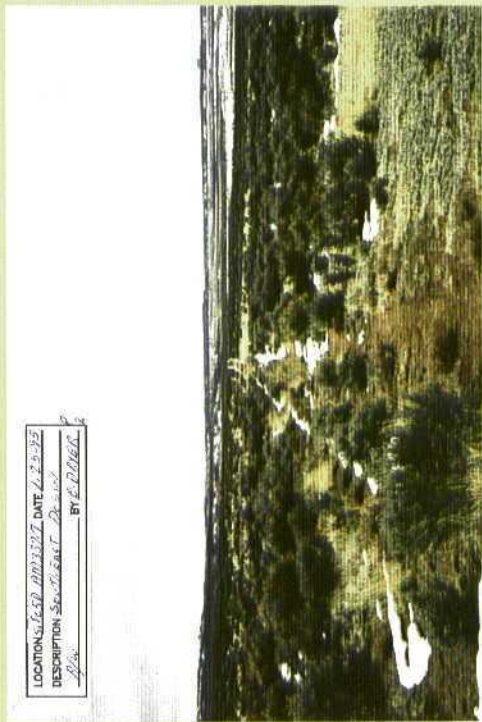
(1D) Disposal Site #1D Located at A.M. 384.1

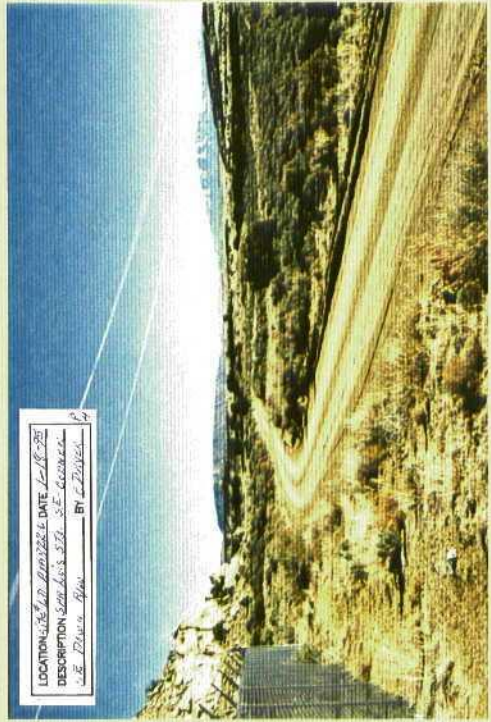
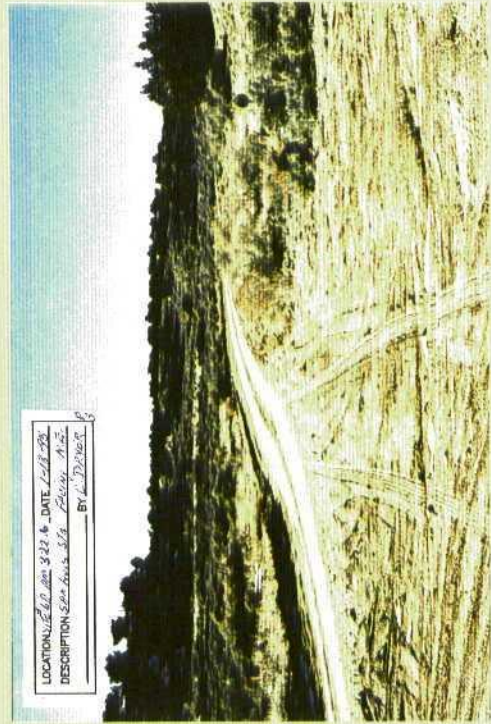
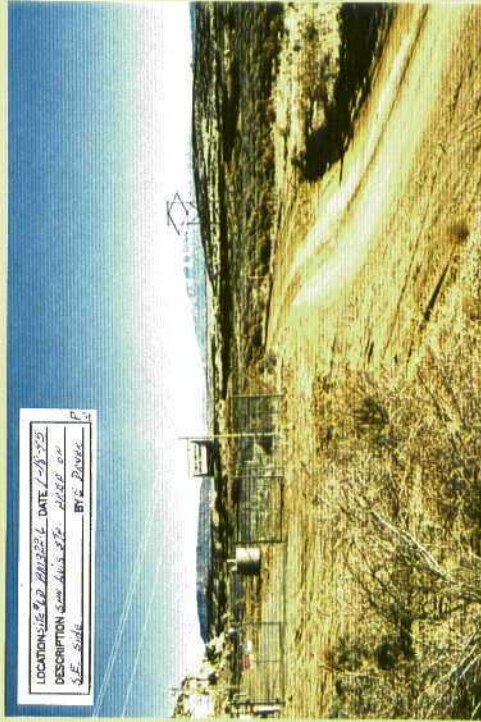
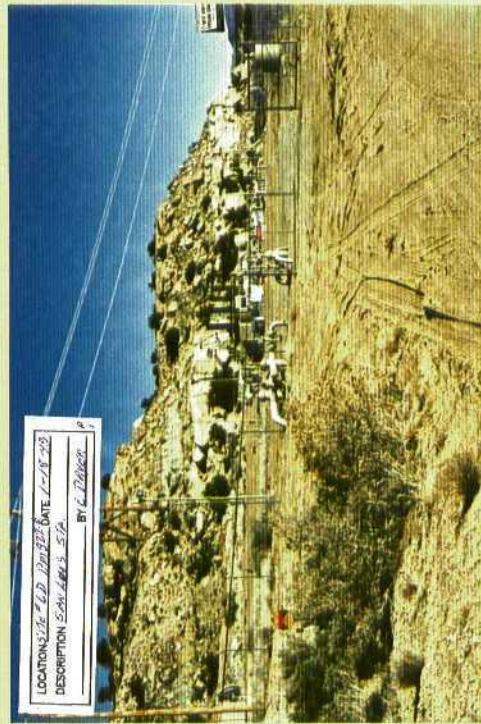


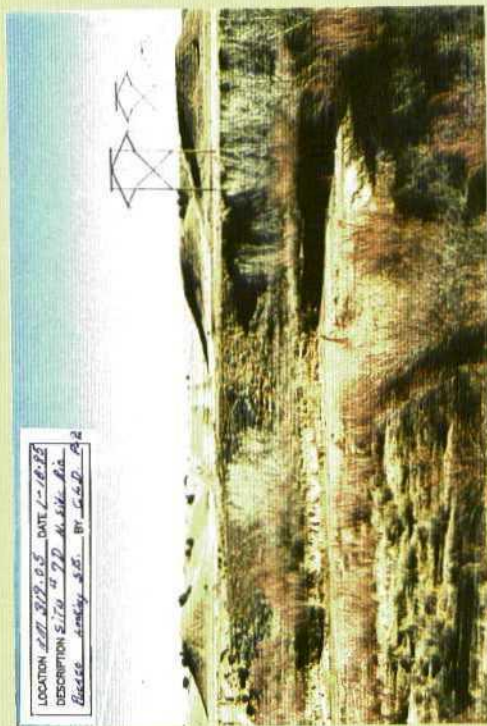


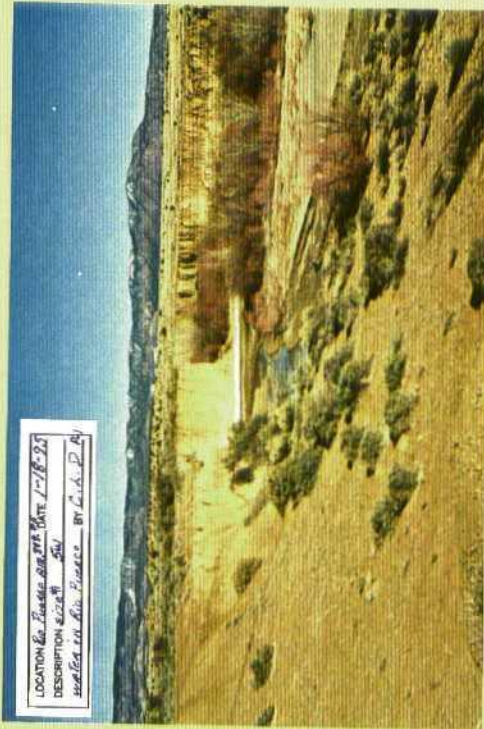


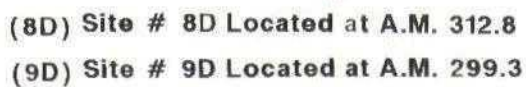


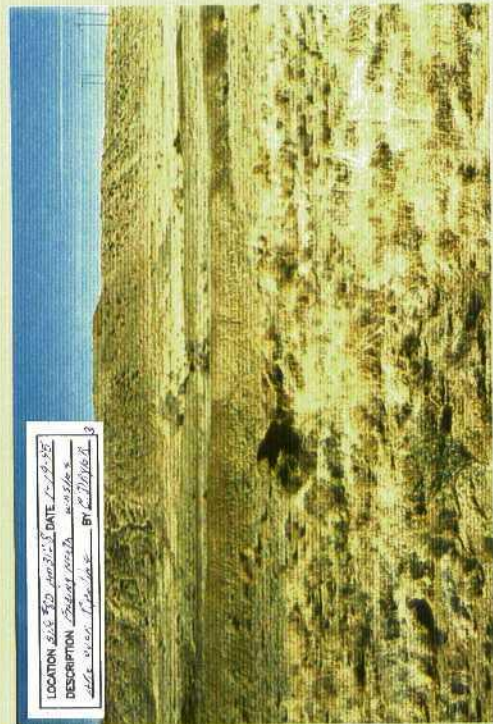
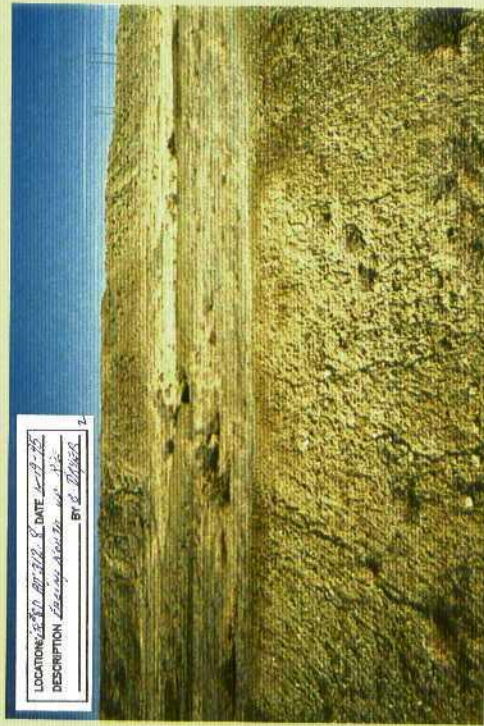
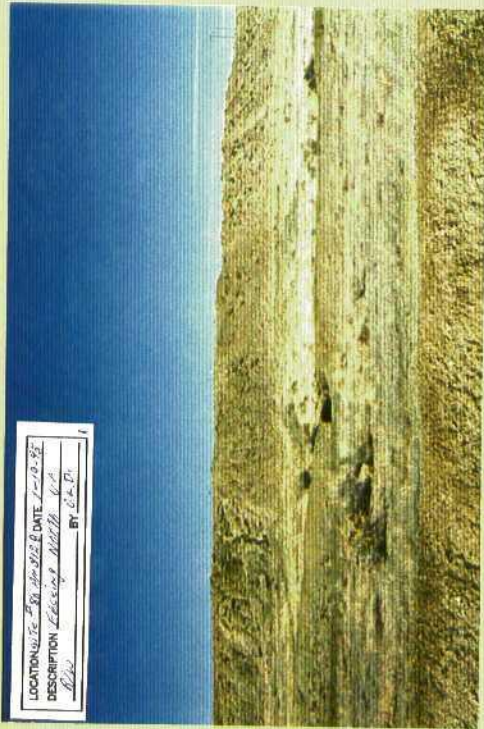


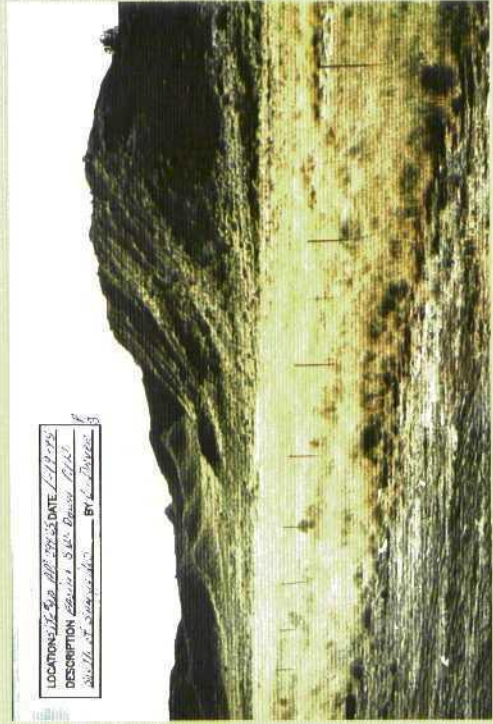
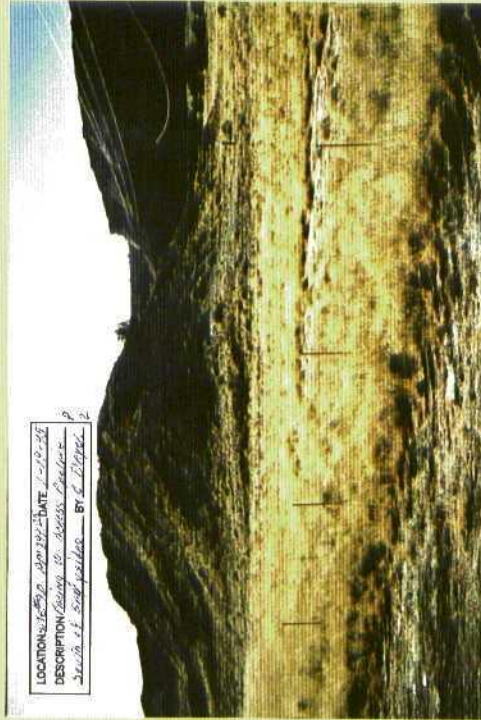


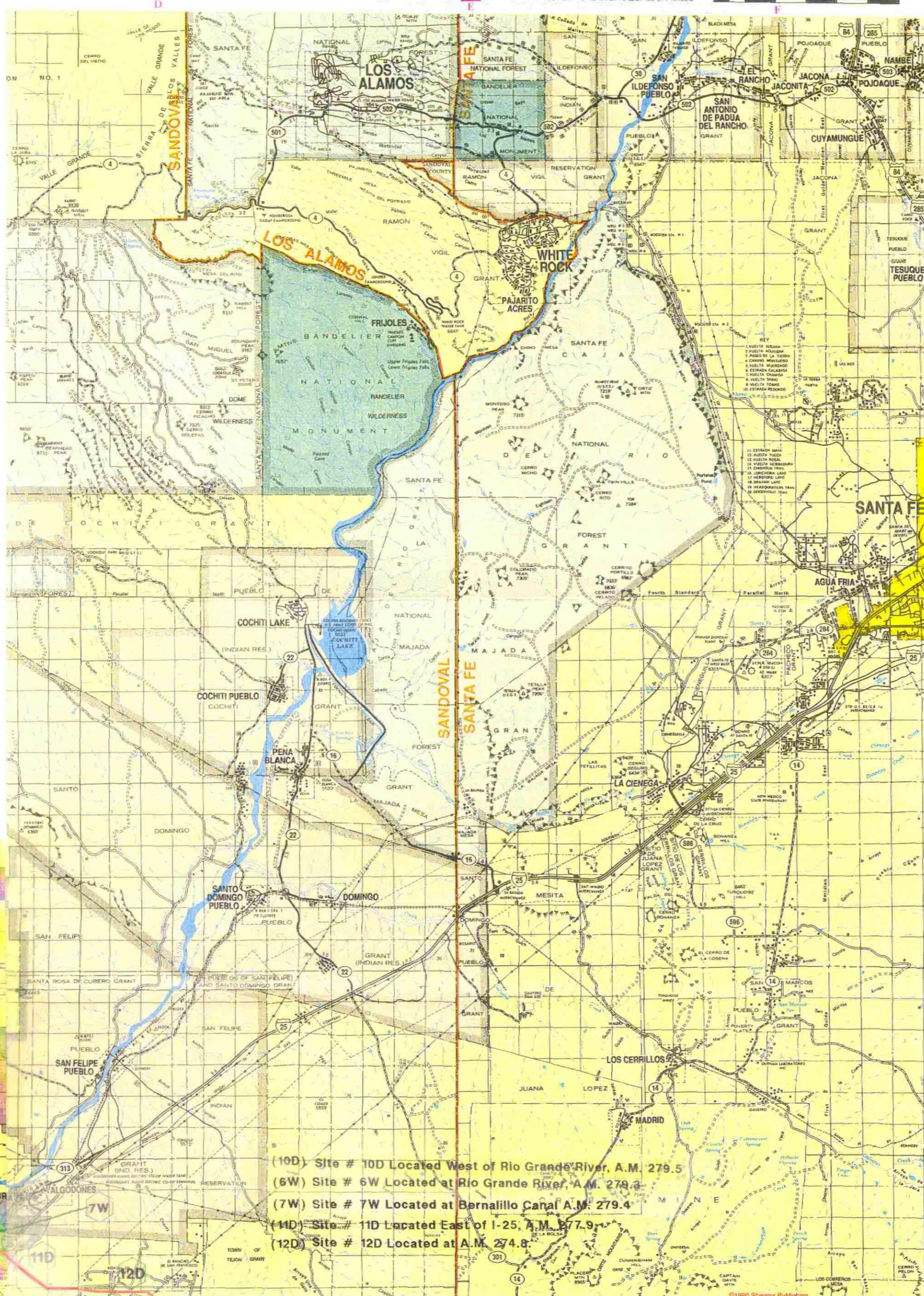




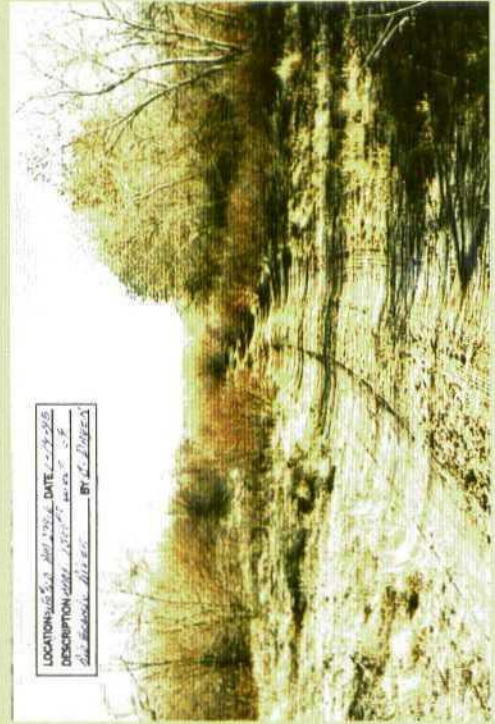


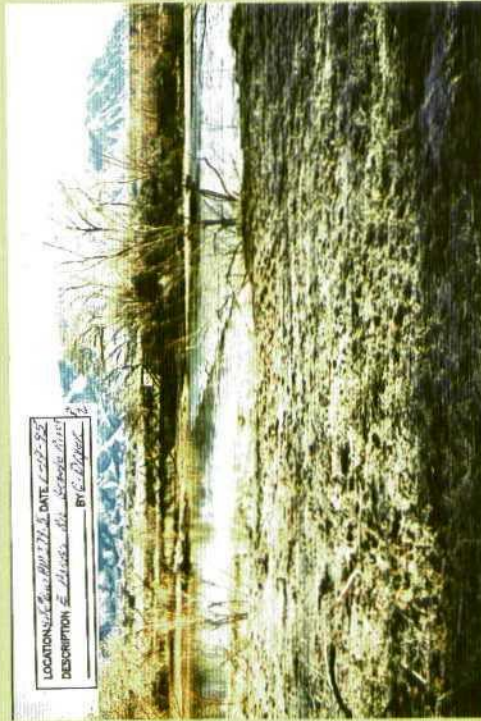
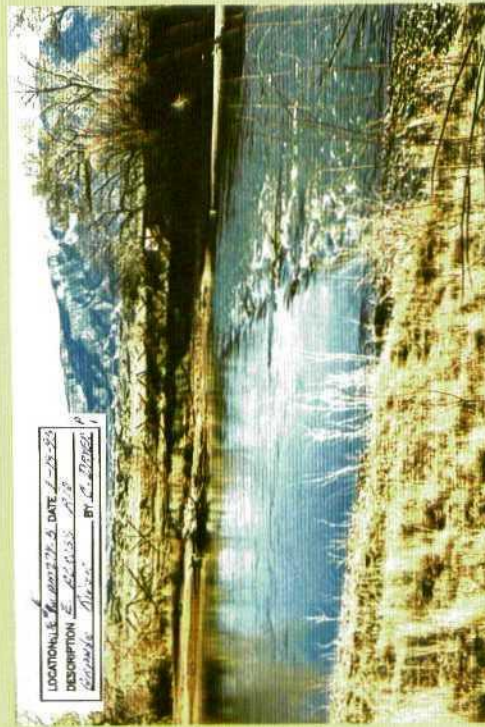


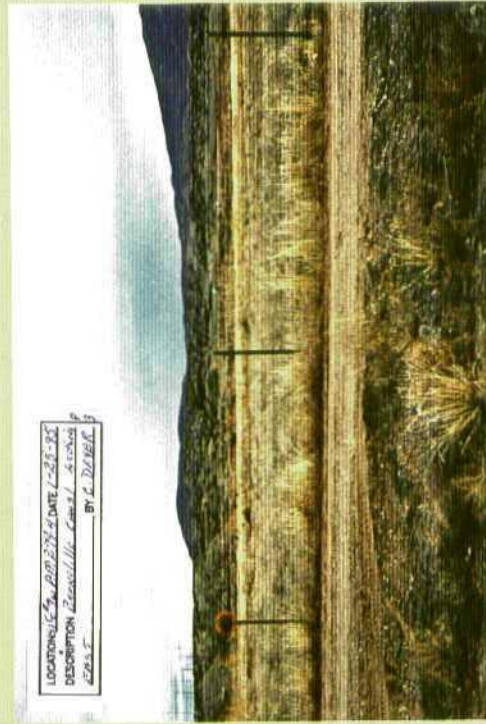


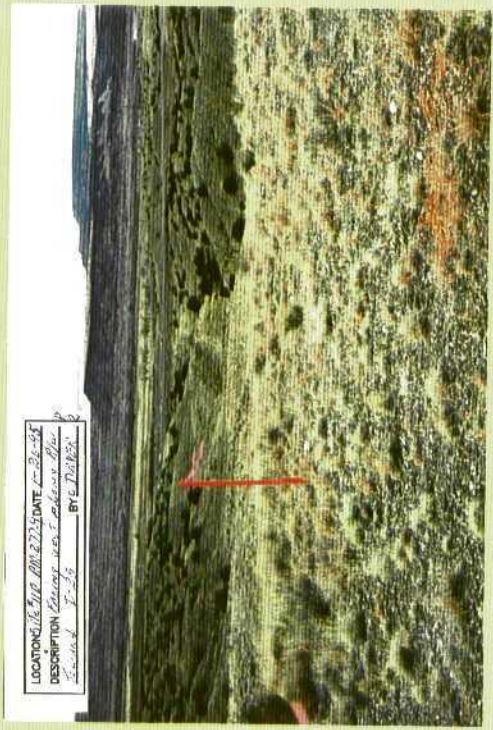


- (10D) Site # 10D Located West of Rio Grande River, A.M. 279.5
- (6W) Site # 6W Located at Rio Grande River, A.M. 279.3
- (7W) Site # 7W Located at Bernalillo Canal A.M. 279.4
- (11D) Site # 11D Located East of I-25, A.M. 277.9
- (12D) Site # 12D Located at A.M. 274.8











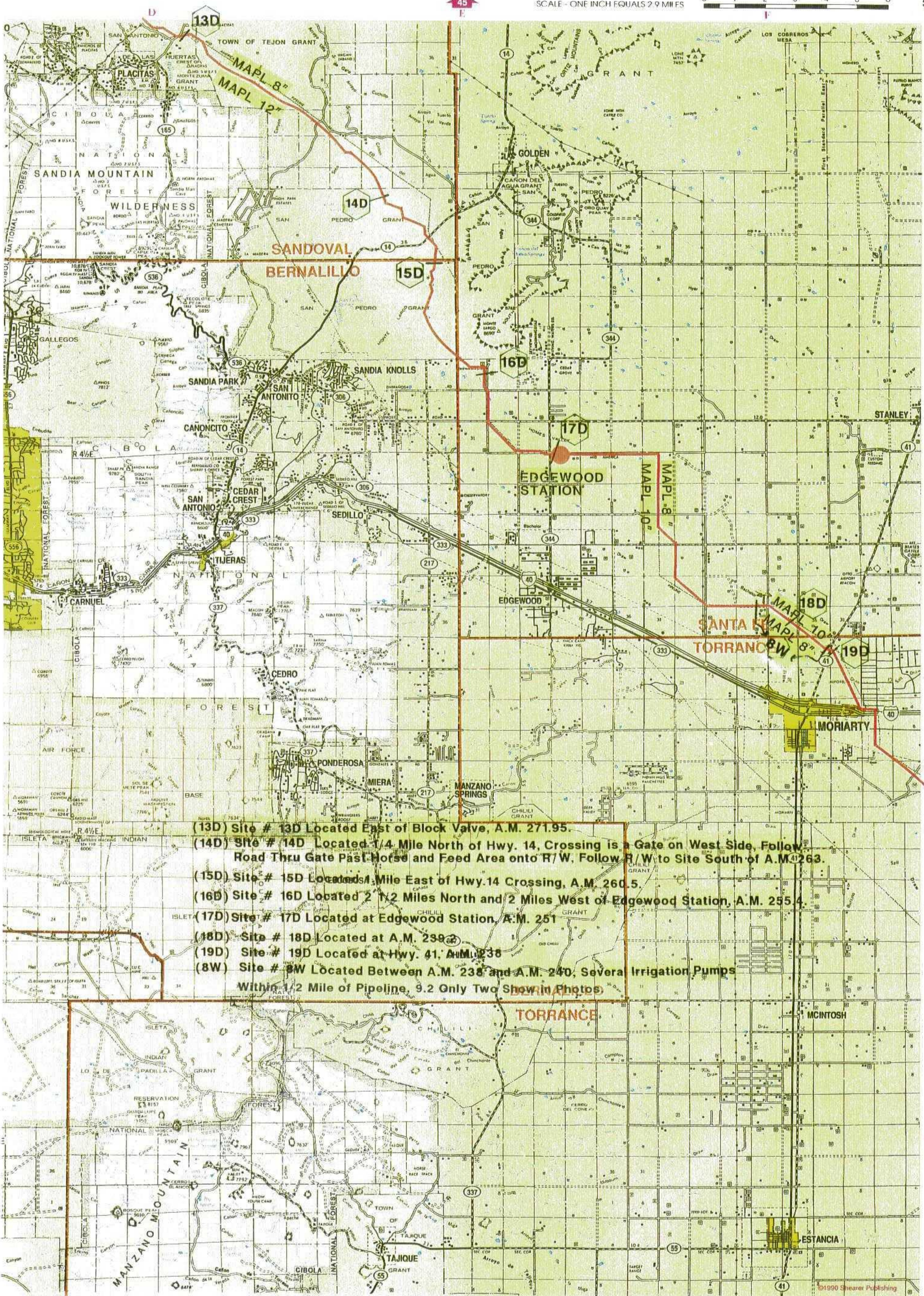
LOCATION: 161200 200 200 DATE 1-24-95
 DESCRIPTION: Empty area with a building in the background
 BY: C. D. WILSON

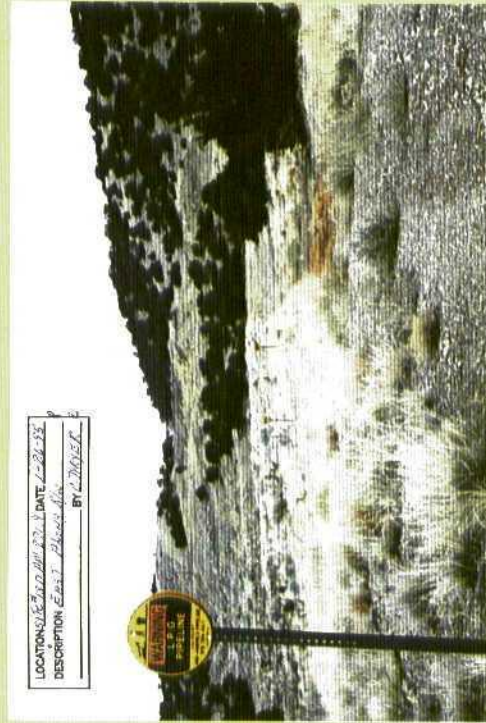
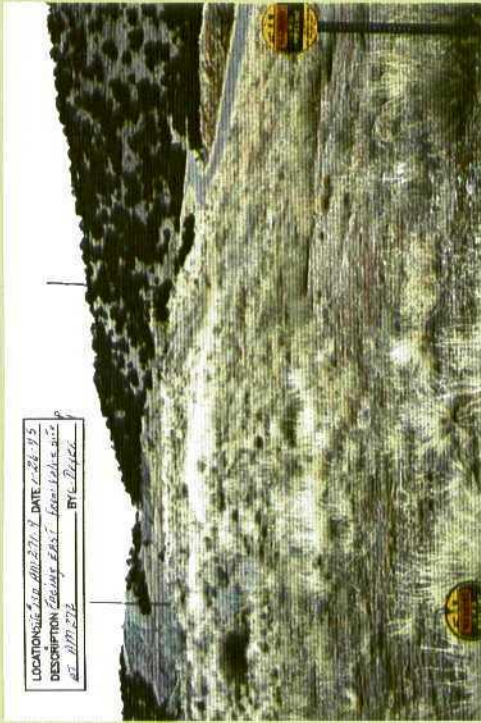


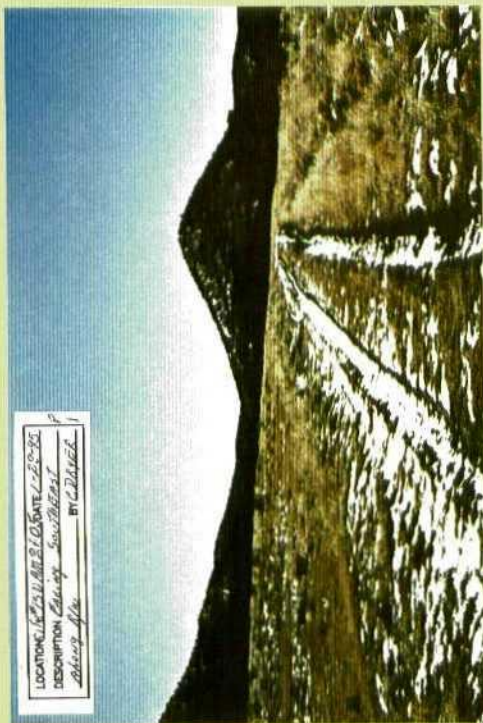
LOCATION: 161200 200 200 DATE 1-24-95
 DESCRIPTION: Empty area with a building in the background
 BY: C. D. WILSON



LOCATION: 161200 200 200 DATE 1-24-95
 DESCRIPTION: Empty area with a building in the background
 BY: C. D. WILSON







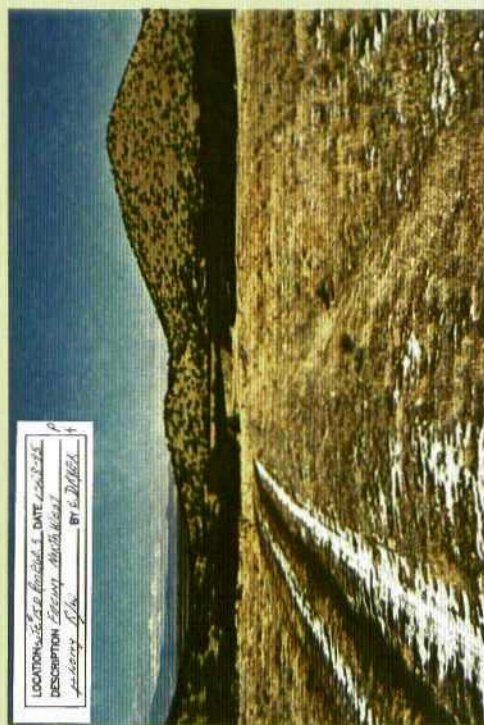
LOCATION: 62° 11' 10" N, 158° 10' 10" W DATE: 1-25-95
 DESCRIPTION: Cling - Southwest
 Blaney, J.A. BY: C. D. H. H. H.



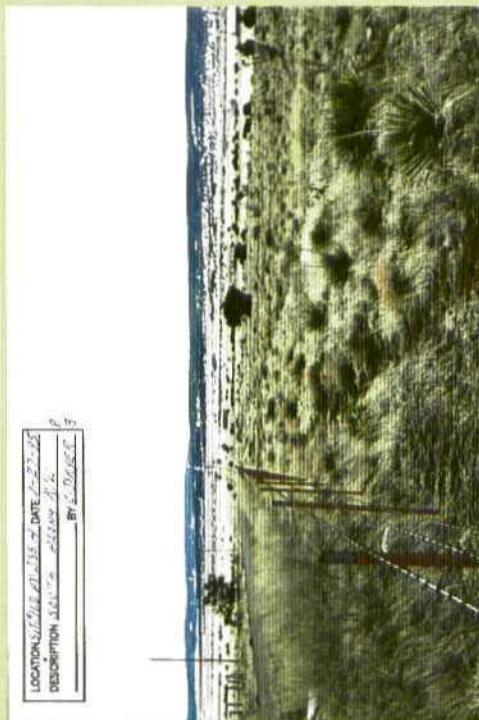
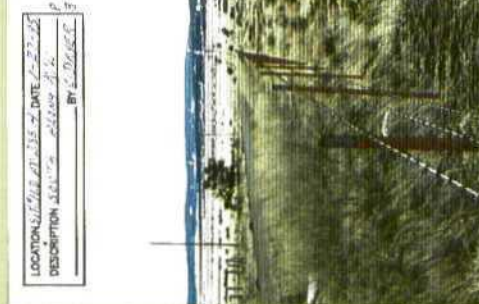
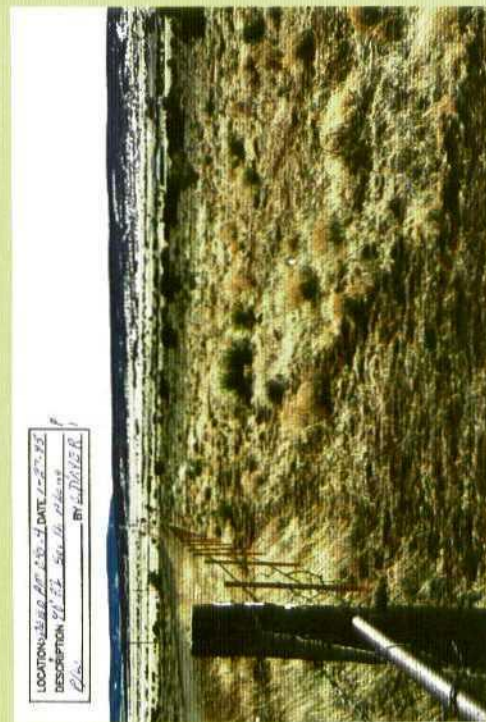
LOCATION: 62° 11' 10" N, 158° 10' 10" W DATE: 1-25-95
 DESCRIPTION: Cling - Southwest
 Blaney, J.A. BY: C. D. H. H. H.

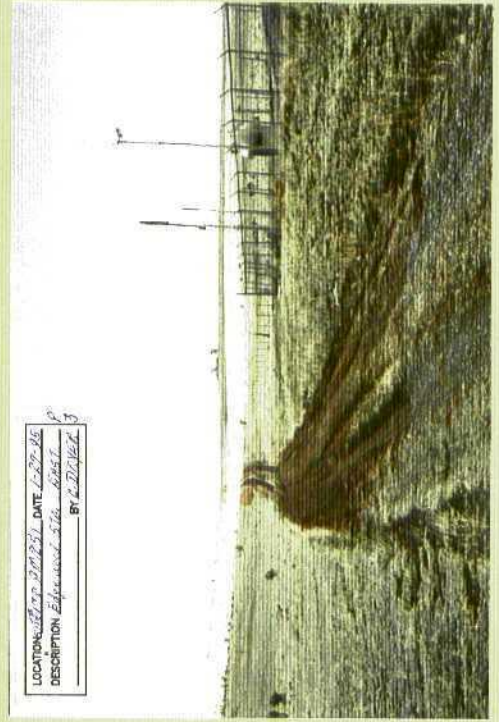
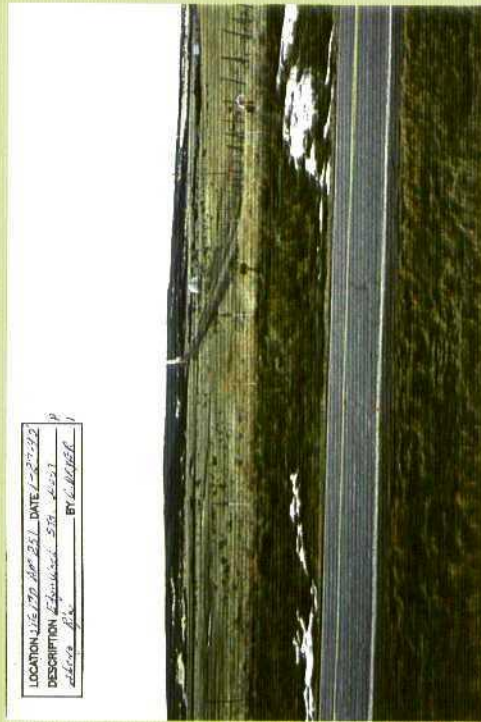


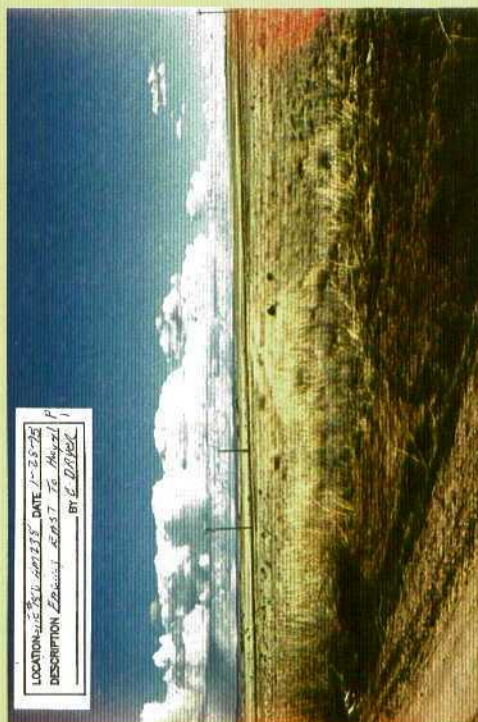
LOCATION: 62° 11' 10" N, 158° 10' 10" W DATE: 1-25-95
 DESCRIPTION: Cling - Southwest
 Blaney, J.A. BY: C. D. H. H. H.

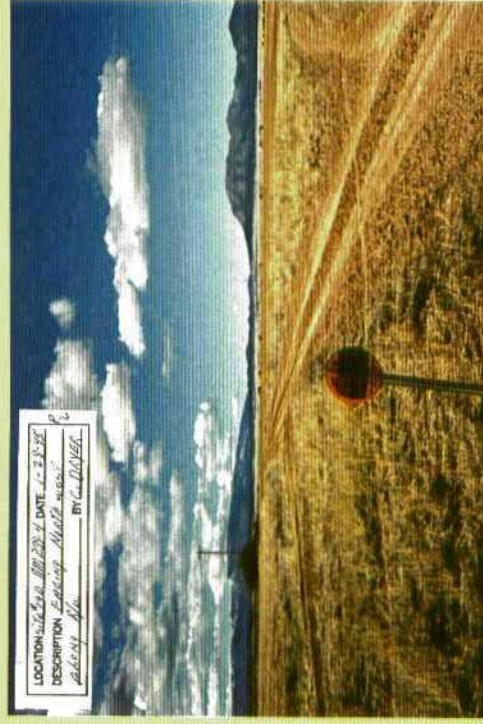


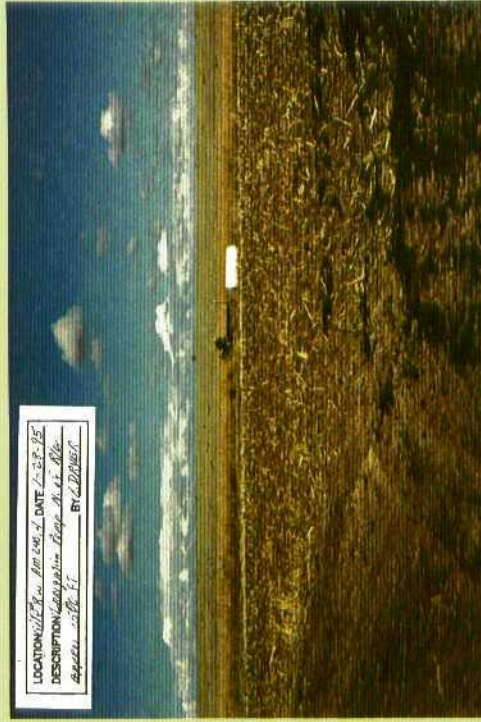
LOCATION: 62° 11' 10" N, 158° 10' 10" W DATE: 1-25-95
 DESCRIPTION: Cling - Southwest
 Blaney, J.A. BY: C. D. H. H. H.

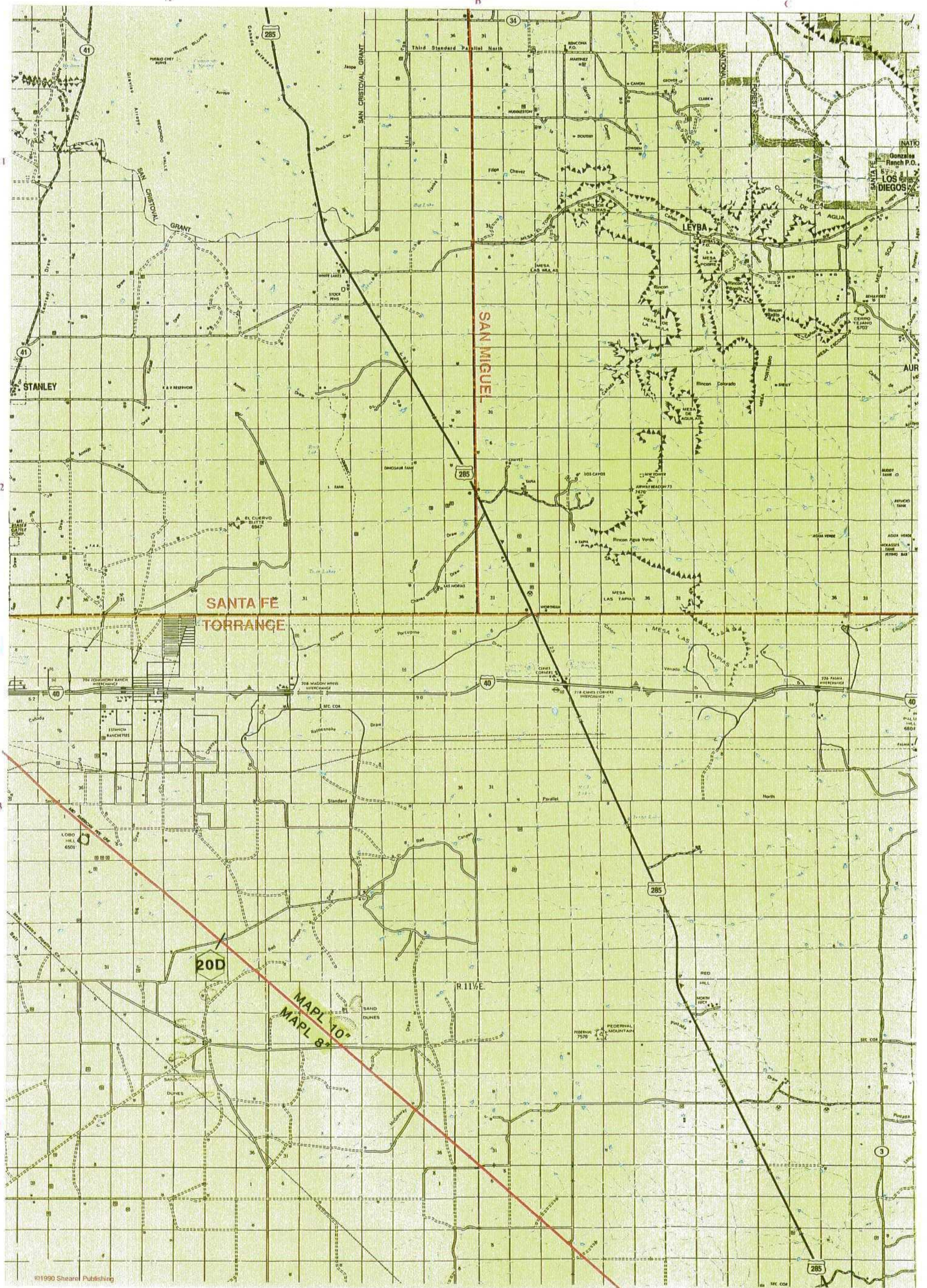




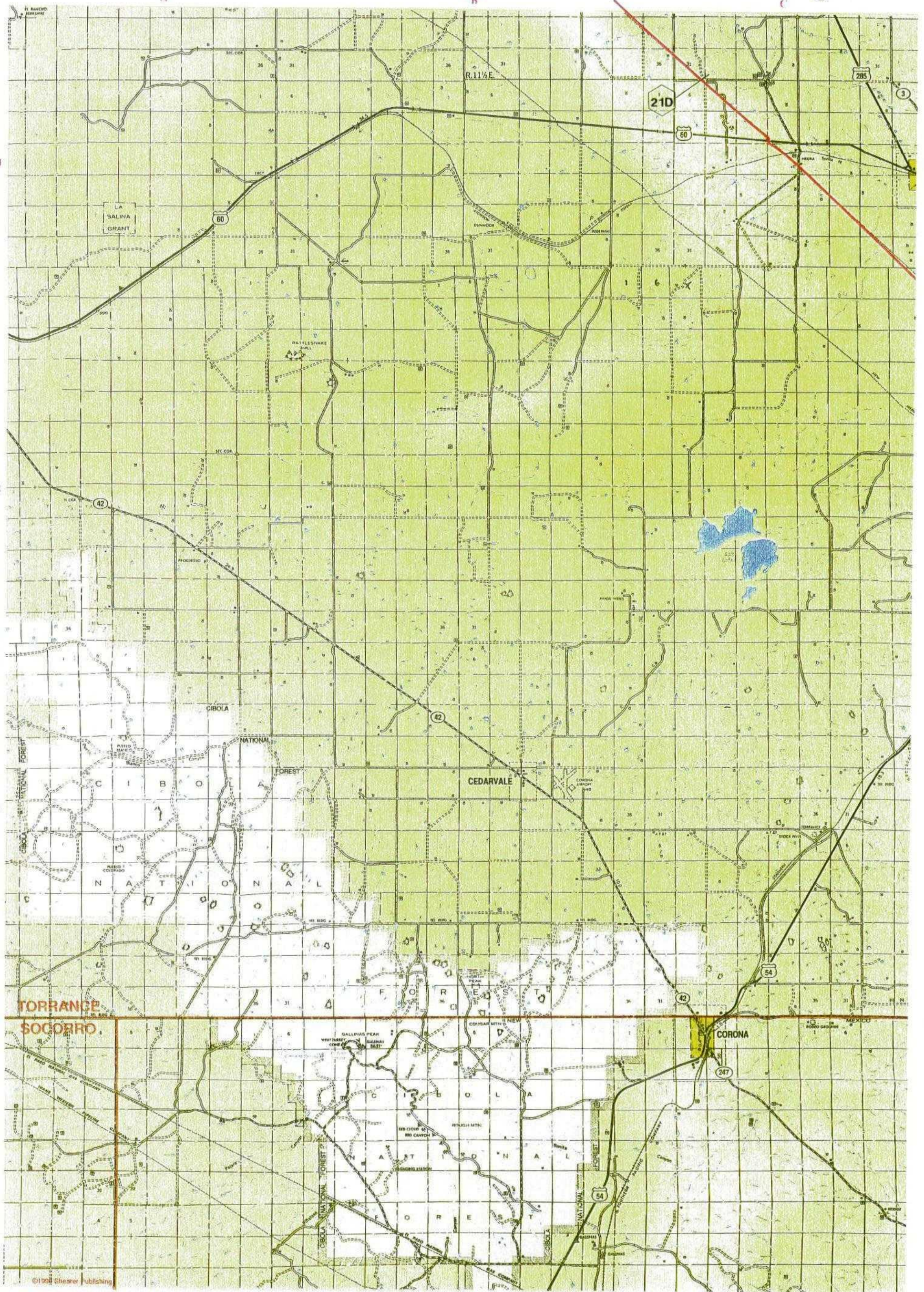




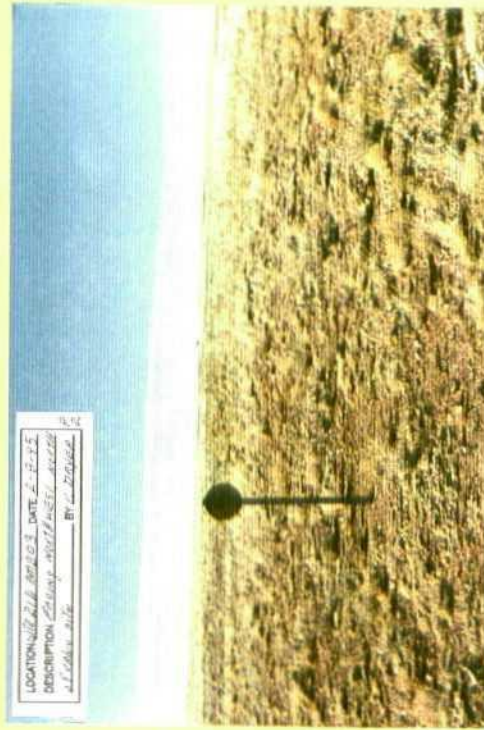


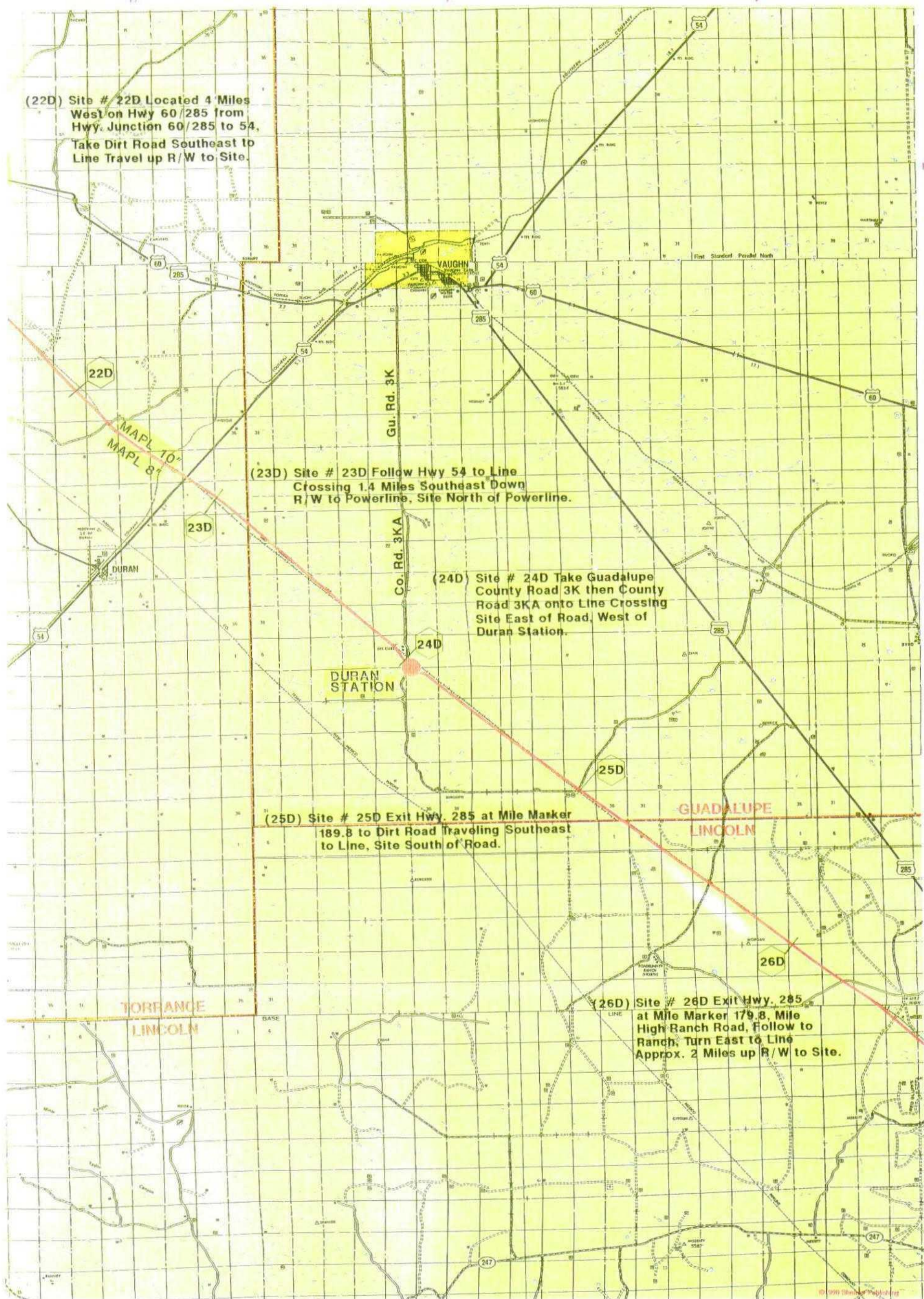


(20D) Site # 20D Located at Estancia Station, A.M. 223.5



(21D) Site # 21D Road to Site is 2 Miles West of Hwy. 60 Crossing, Steel Gate on North Side Follow North to Next Gate, Can See Gate Valves to the West, Site South of Gate Valves.

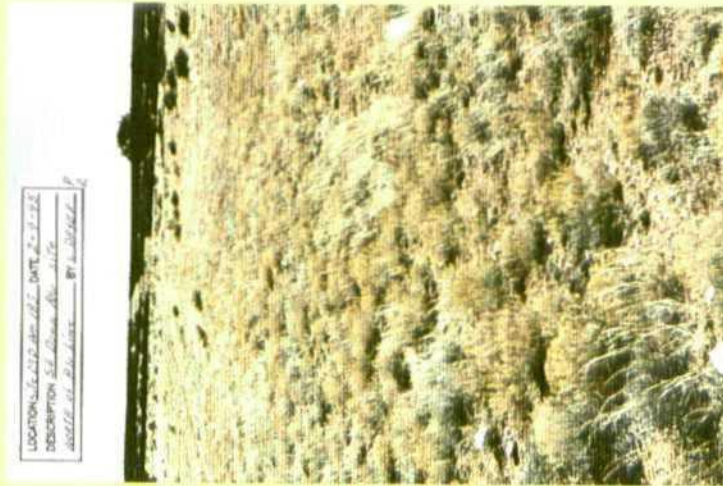






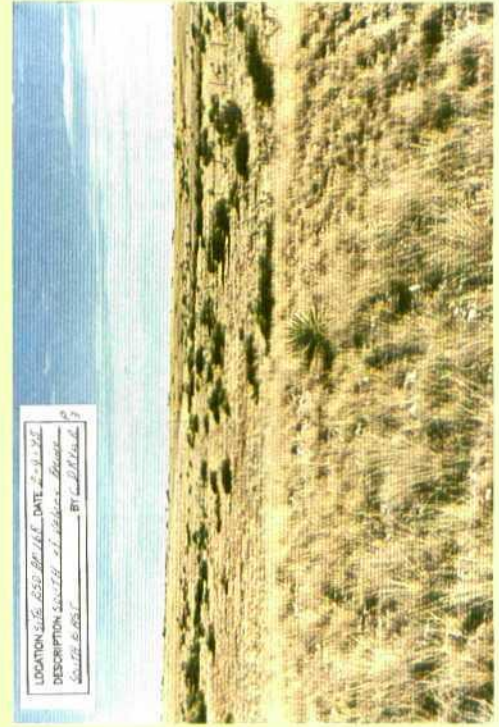
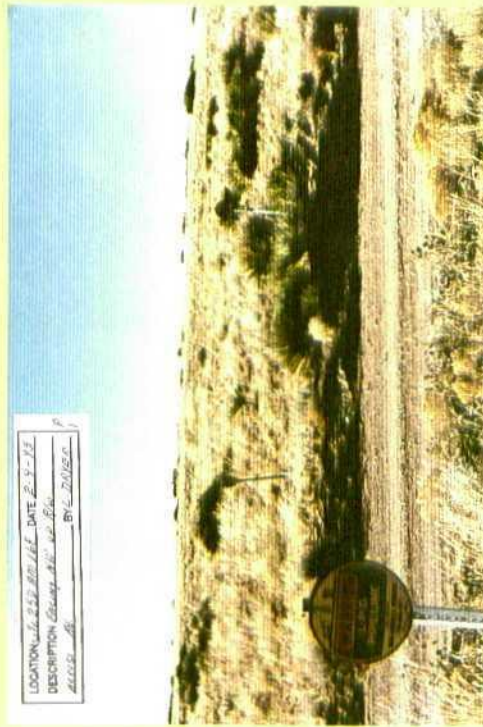


LOCATION: LAKE ARIZONA DATE: 1-1-78
 DESCRIPTION: CLAY SHALE - DUNE
 BY: W. J. B. JONES



LOCATION: LAKE ARIZONA DATE: 1-1-78
 DESCRIPTION: CLAY SHALE - DUNE
 BY: W. J. B. JONES



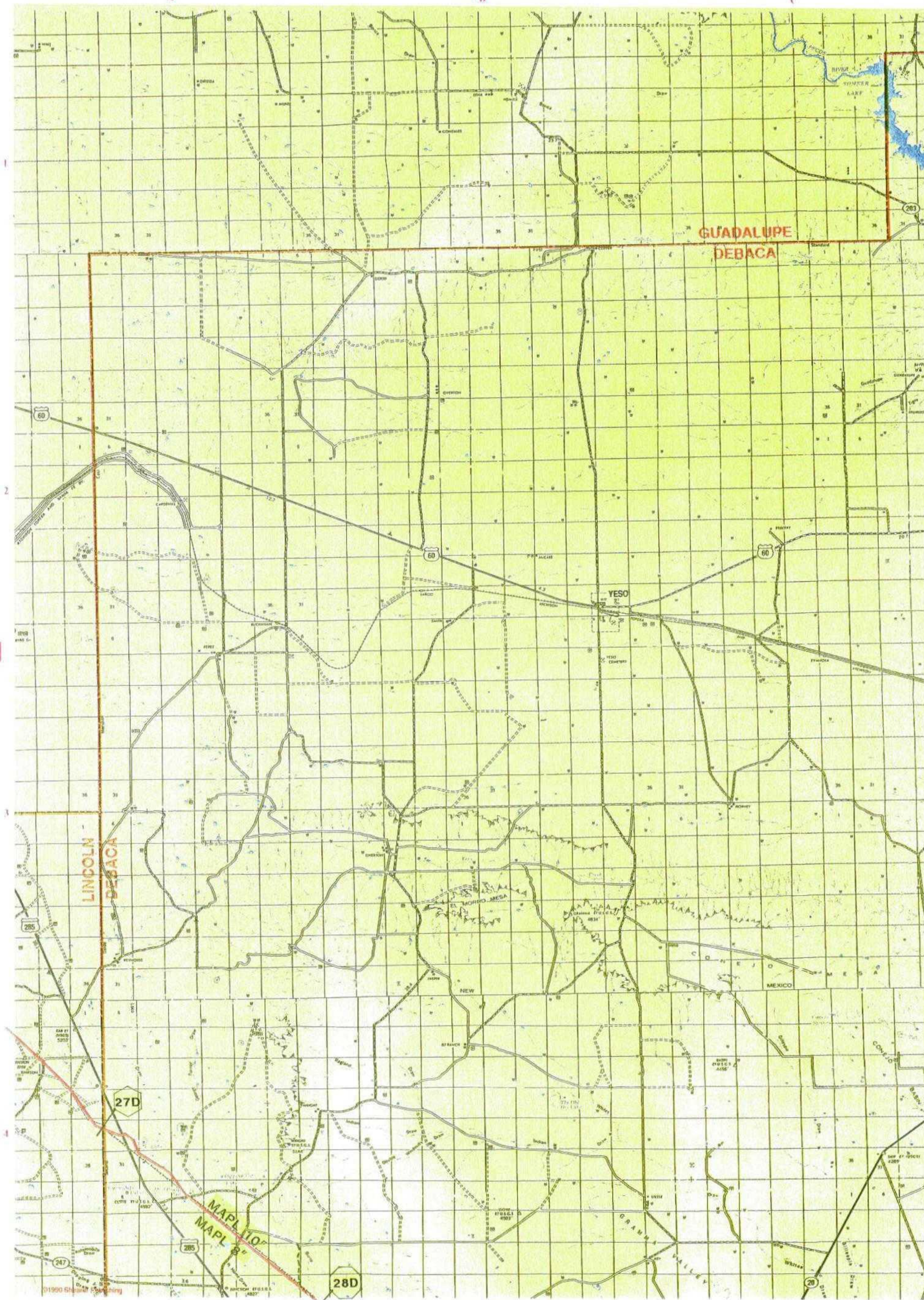




Turn West off Hwy 285,
to Marker 171.5, R/W
Approx. 1/4 Mile or Less.

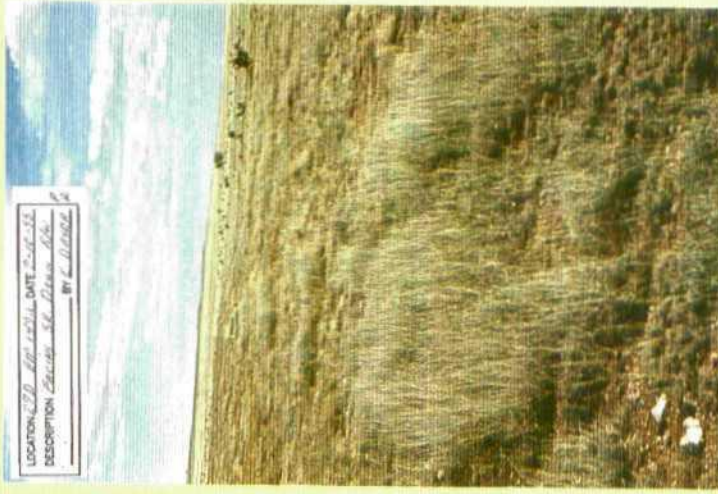
(28D) At Hwy 285, Mile Marker 166 Turn East for 2.25 Miles Past Pipeline to gate, Turn South For 1.6 Miles, Turn West on Road (Water Tank on Right) for 1.4 Miles on R/W, A.M. 142, Southeast Down R/W 1.35 Miles On-Site.

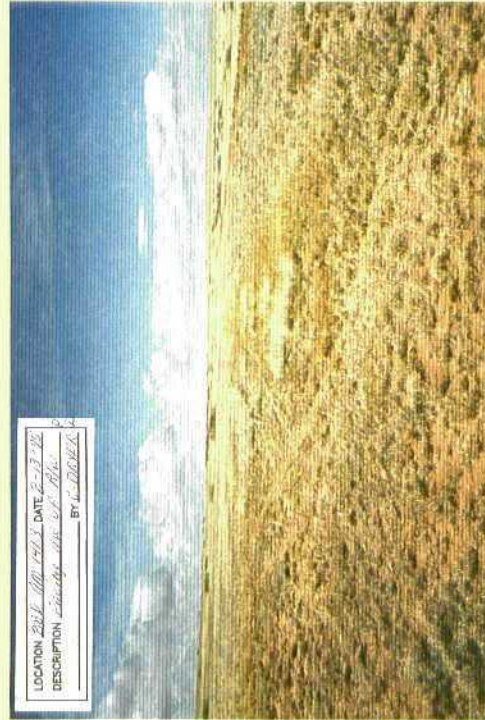


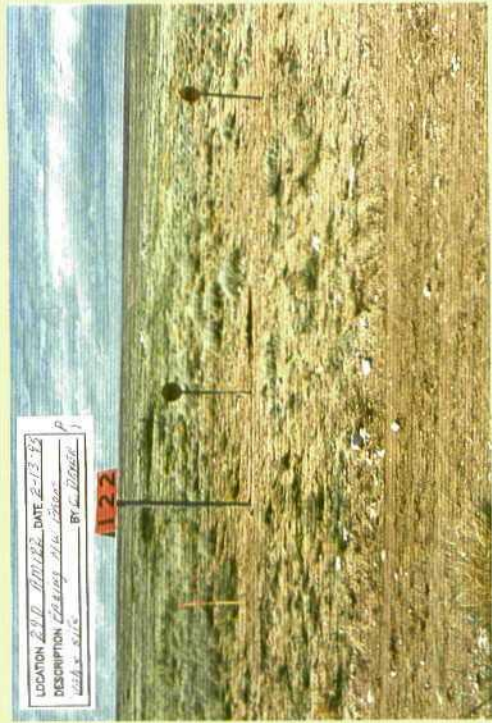


(27D) Site # 27D Turn West off Hwy 285,
Near Hwy. Mile Marker 171.5, R/W
and Site 27D Approx. 1/4 Mile or Less.

(28D) At Hwy 285, Mile Marker 166 Turn East for 2.25 Miles Past Pipeline to gate, Turn South For 1.6 Miles, Turn West on Road (Water Tank on Right) for 1.4 Miles on R/W, A.M. 142, Southeast Down R/W 1.35 Miles On-Site.





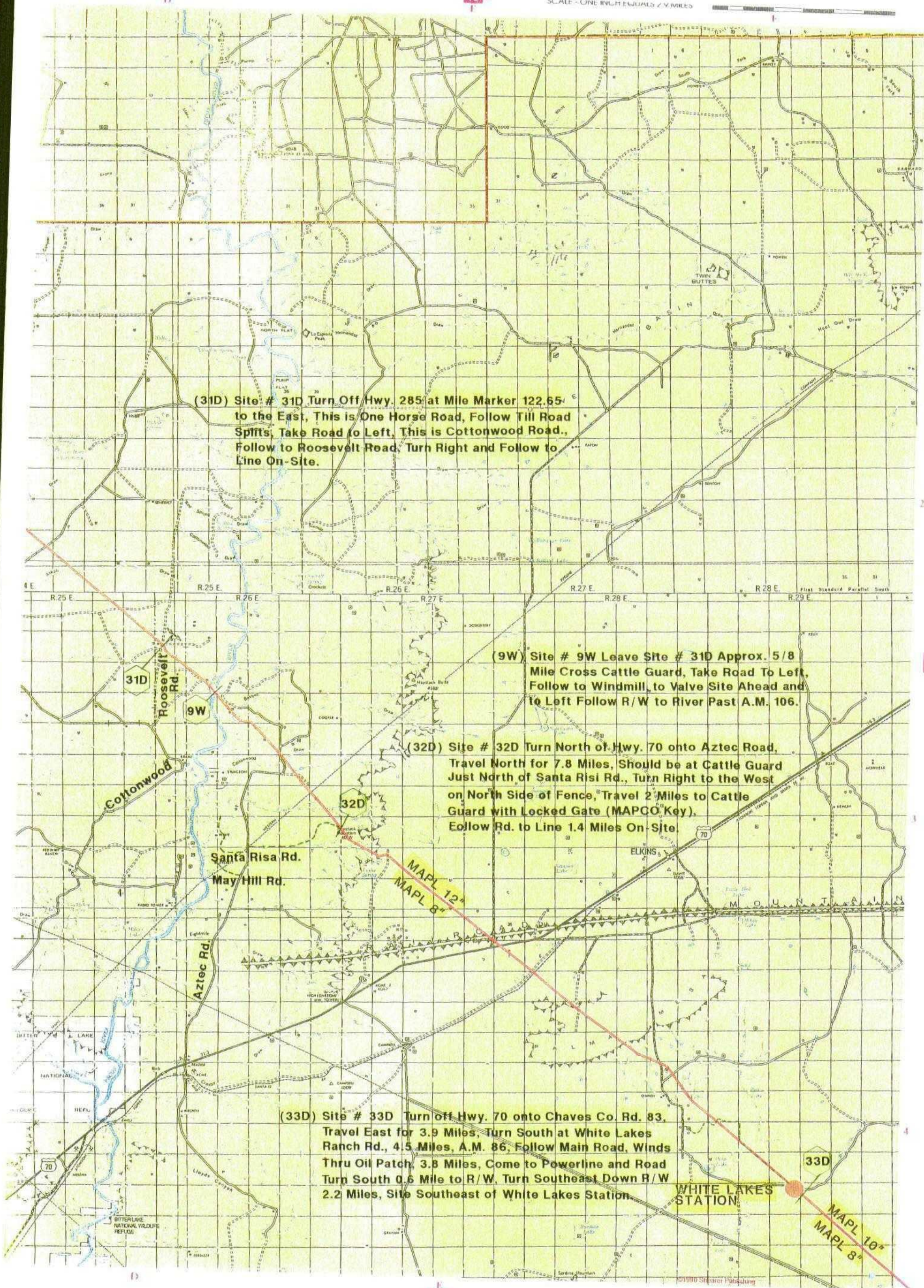




LOCATION 30.0 11.5 DATE 2-13-15
DESCRIPTION New 11.5 11.5
20.0 11.5 BY E. D. 11.5



LOCATION 30.0 11.5 DATE 2-13-15
DESCRIPTION New 11.5 11.5
20.0 11.5 BY E. D. 11.5



LOCATION 310 20m 10/11 DATE 2-19-92
 DESCRIPTION SE View of the station
 10:15 AM BY E. B. B. B.



LOCATION 310 20m 10/11 DATE 2-19-92
 DESCRIPTION NE View of the station
 10:15 AM BY E. B. B. B.



LOCATION 310 20m 10/11 DATE 2-19-92
 DESCRIPTION SE View of the station
 10:15 AM BY E. B. B. B.



LOCATION *New Bedford, Vt.* DATE *2/10/2013*
 DESCRIPTION *FRSUS sites next to road*
Point No. 17 BY *C. Campbell*

LOCATION 8 mi. NW 1/4 S. 37, T. 15 N. DATE 8-7-78
 DESCRIPTION West Bank Pease River
 Twp. 15 N. R. 15 W. BY G. J. DAVIS



LOCATION 33D APZ NO 4 DATE 2-14-98
 DESCRIPTION Embankment area with some
 24m x 20m BY G. DUNN

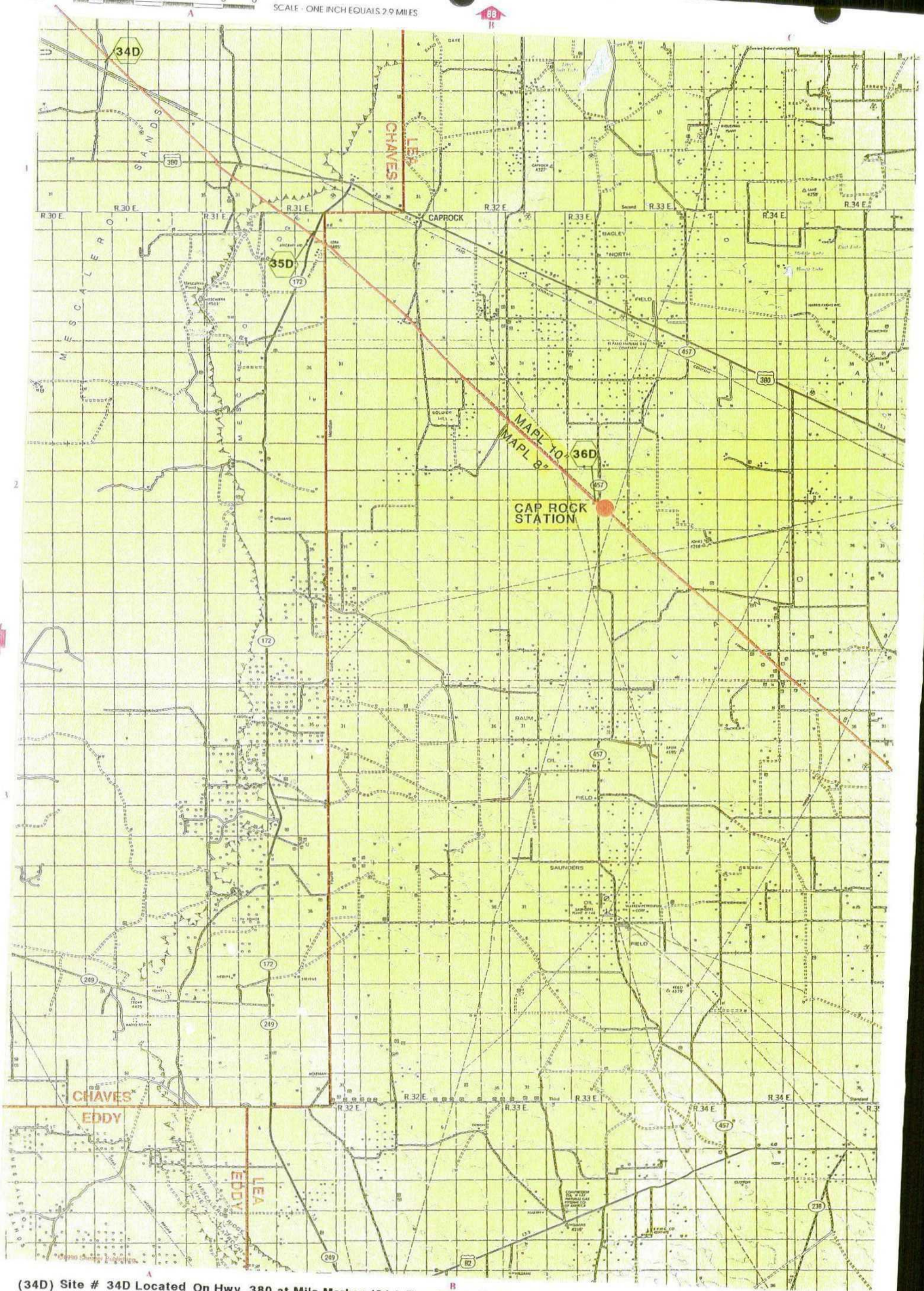


LOCATION 33D APZ NO 8 DATE 2-14-98
 DESCRIPTION Embankment area with some
 24m x 20m BY G. DUNN



LOCATION 33D APZ NO 4 DATE 2-14-98
 DESCRIPTION Embankment area with some
 24m x 20m BY G. DUNN





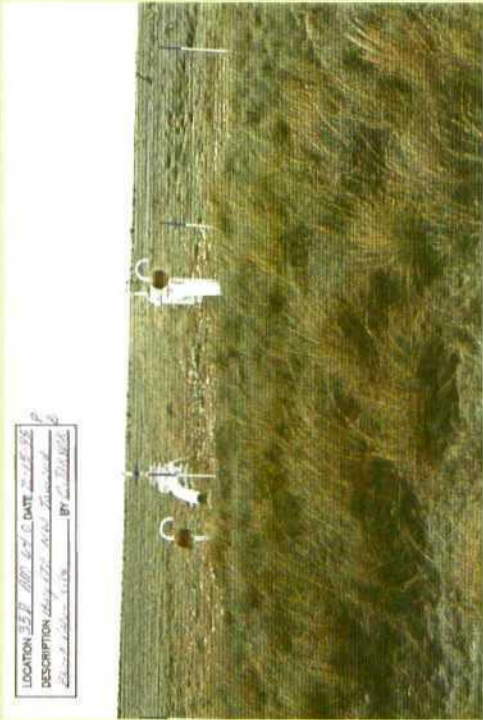
- (34D) Site # 34D Located On Hwy. 380 at Mile Marker 191.1, Turn North (BLM Cato Rd. TT 345) Follow to Line Crossing Site.
- (35D) Site # 35D Located South off Hwy. 380 on to Hwy 172 to Pipeline On-Site.
- (36D) Site # 36D Located at Hwy 457, Caprock Station.



LOCATION 352 100' 84' DATE 2-15-92
 DESCRIPTION S.E. BEACH TOWERS
 Traced 80' 6" BY C. DAVIS



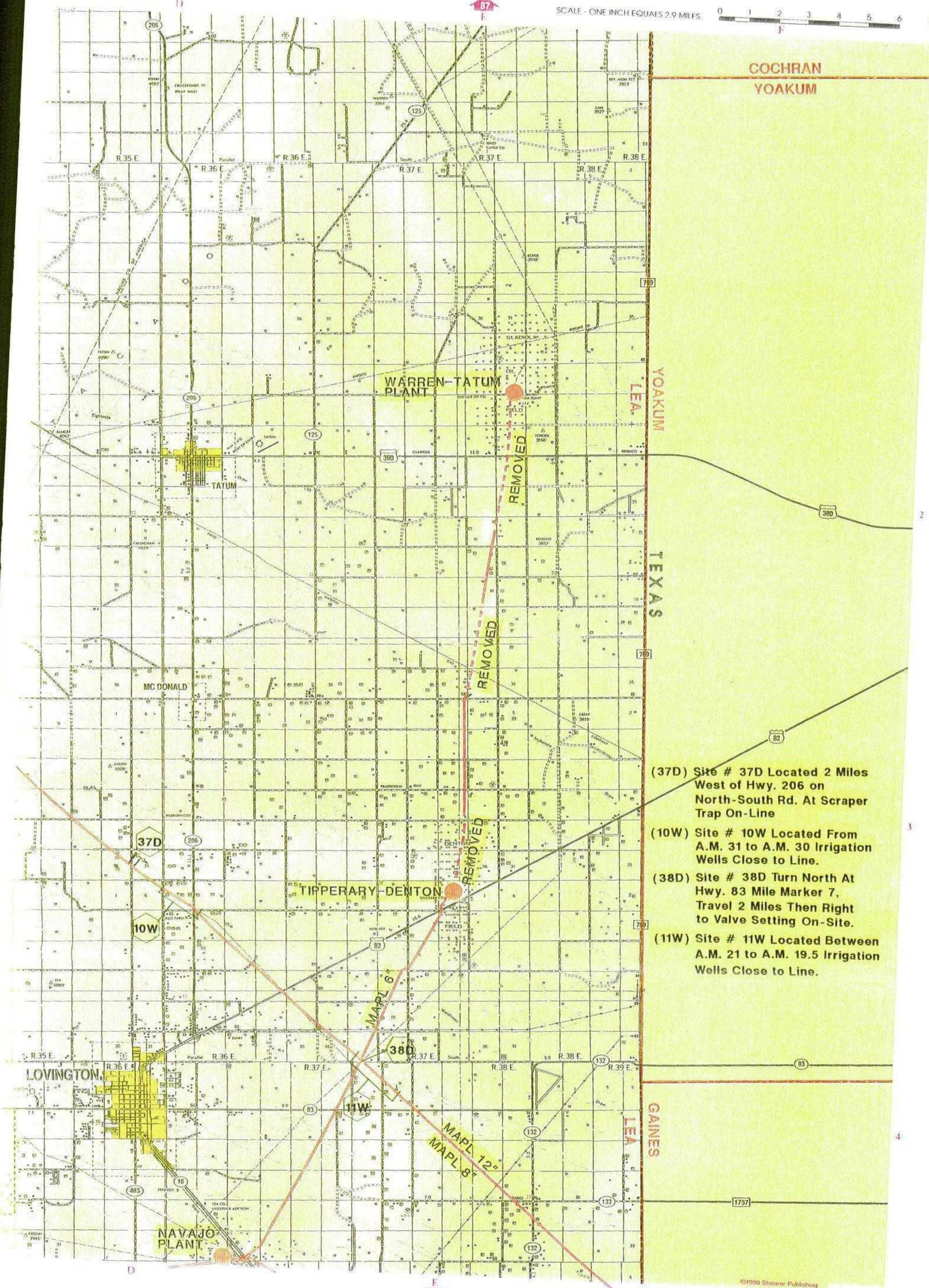
LOCATION 352 100' 84' DATE 2-15-92
 DESCRIPTION S.E. BEACH TOWERS
 Traced 80' 6" BY C. DAVIS



LOCATION 352 100' 84' DATE 2-15-92
 DESCRIPTION S.E. BEACH TOWERS
 Traced 80' 6" BY C. DAVIS







(37D) Site # 37D Located 2 Miles West of Hwy. 206 on North-South Rd. At Scraper Trap On-Line

(10W) Site # 10W Located From A.M. 31 to A.M. 30 Irrigation Wells Close to Line.

(38D) Site # 38D Turn North At Hwy. 83 Mile Marker 7, Travel 2 Miles Then Right to Valve Setting On-Site.

(11W) Site # 11W Located Between A.M. 21 to A.M. 19.5 Irrigation Wells Close to Line.



LOCATION 3720 Profile DATE 7-25-75
 DESCRIPTION Eddyway NW 154225 Ad.
 ET 11031 BY C.D. VASEL



LOCATION 3720 Profile DATE 7-25-75
 DESCRIPTION Eddyway SE 154225 Ad.
 ET 11031 BY C.D. VASEL

