District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Americo State Exploration Telephone: (512) 623-5500 e-mail address:
Address: 401 Congress Ave, Ste 2900, Austin TX 78701
Facility or well name: East Millow Unit # 231 API #: 30-015-34859 U/L or Qtr/Qtr C Sec 14 T 19S R 28E
County: Eddy Latitude N32° 40' 02.7" Longitude W104° 08' 50.7" NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit	Below-grade tank
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more 150'	(20 points) (10 points) (0 points) 0
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) 0
	Ranking Score (Total Points)	0

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility N/A. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface N/A ft. and attach sample results.
(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Refer to Attached Pit Closure Plan

* Reserve Pit Closed As of 9/07/07, According to NMOCD Requirements. Photoes of Deep Burry Process Provided. Soil Sample Analysis + Results Provided. JK

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 5/24/07
Printed Name/Title Dusty L. Wilson/Field Agent Signature

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title _____ Signature Mike Bratcher Date: 6/5/07

Notify OCD 24 hours prior to beginning pit closure.

Samples are to be obtained from pit area and analysis submitted to NMOCD prior to back-filling

Closure 9/7/07
Accepted for record
NMOCD

P.O. Box 310
Hobbs, NM 88241-0310

Off 505.392.8584
Cell 505.631.2442
Fax 505.392.3085

New Mexic Environmental Services

Hobbs, New Mexico

Reserve Pit Remediation

SURFACE PIT CLOSURE PLAN

PIT PARAMETERS

COMPANY: Ameristate Exploration
WELL SITE: East Millman Unit #231
LEGAL DESCRIPTION: Unit C Sec 14 T19s R28e, 200 FNL 2514 FWL, Eddy co.

The reserve pit inset on this leasehold is being permitted to close as per New Mexico OCD "Pit and Below Grade Tank Guidelines" dated November 1, 2004.

This pit was excavated and formed to the dimensions roughly 120' X 120' X 6' deep. A 12 mil membrane liner and pad was used to prevent leakage to the surface soils. A visual examination of the membrane liner indicates that the liner had maintained its integrity.

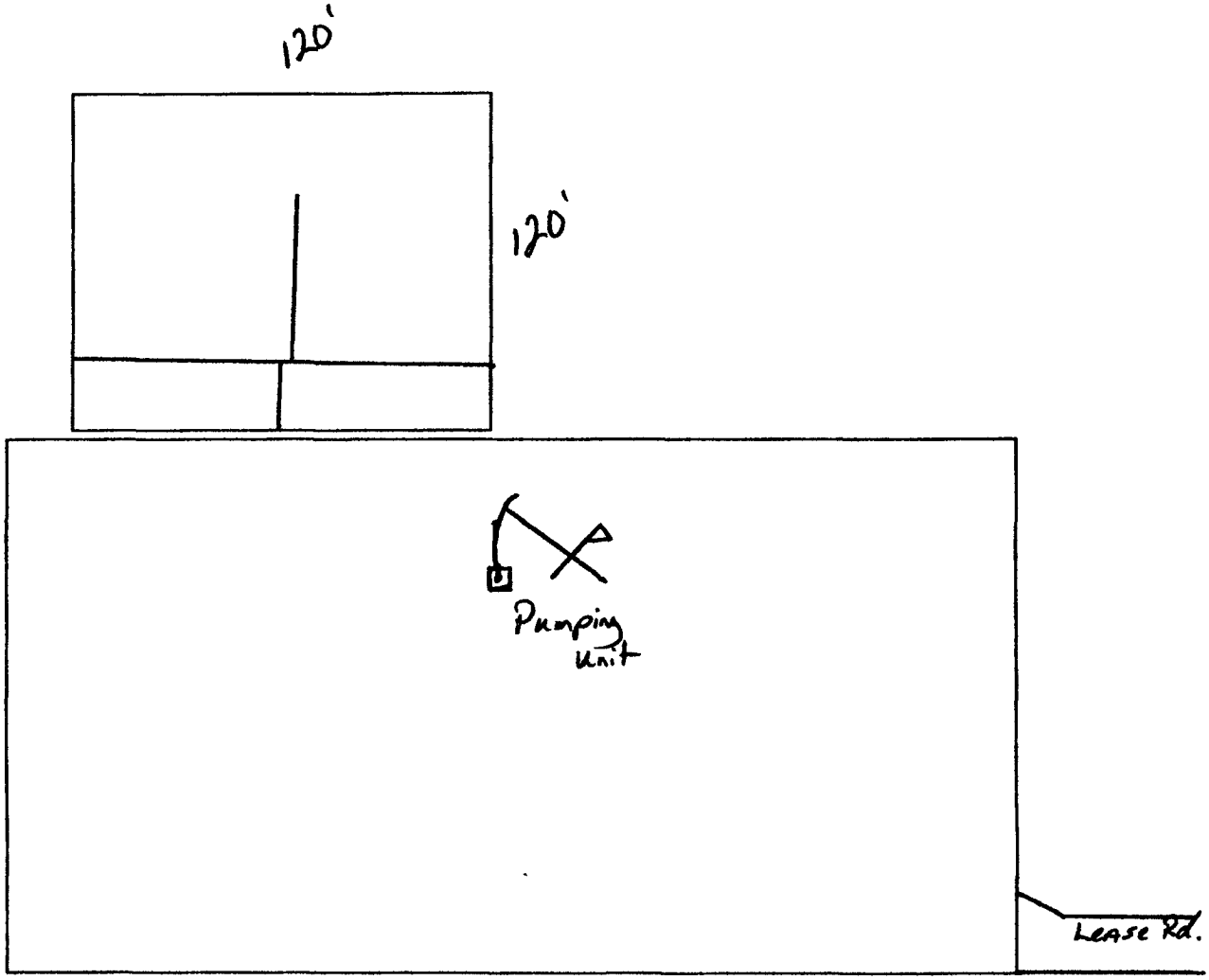
After the drilling and completion phase of this project, the water phase of the pit contents were pumped and hauled to an approved water injection facility. It is estimated that the volume of solids remaining are to +/- 1400 yards. The burial cell is to be excavated and lined with a minimum 12 mil membrane that complies with ASTM Standards: D-5747, D-5199, D-5994, and D-4833. The cuttings will be loaded as to allow for > 36" freeboard to ground level. After the cuttings are loaded the 12 mil liner will be folded over the top, and a 20 mil minimum thickness liner meeting the minimum requirements as outlined in ASTM Standard Methods: D-5747, D-5199, D-5994, D-4833; will be used to cap and cover to an extended area that exceeds three feet in all directions from the

edge of the burial cell. This cap will be constructed as to slope and allow for water runoff from burial cell.

A minimum of 36" of top soil will be used to cover the burial cell. This soil must be capable of supporting plant growth. A seed mixture will be used as to conform to local BLM and OCD requirements.

After the drilling solids are buried, the natural contour of the surrounding soils will be mechanically shaped as to prevent erosion of the well site until vegetation is established.

AMERISTATE EXPLORATION L.L.C.
EAST MILLMAN UNIT #231
API#30-015-34859
V-DOOR SOUTH



Summary Report

Cris Busby
New Mexico Environmental
P.O. Box 310
Hobbs, NM, 88241

Report Date: August 29, 2007

Work Order: 7082818

Project Location: Sec. 14 T19s, R28E, Eddy Co. NM
Project Name: Ameri State East Millman #231
Project Number: API 30-015-34859

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
134655	#005 Working Pit 12'	soil	2007-08-27	14:00	2007-08-28
134656	#006 S. Leg 10'	soil	2007-08-27	15:00	2007-08-28
134657	#007 N Leg 10'	soil	2007-08-27	16:00	2007-08-28
134658	#008 Background	soil	2007-08-27	17:00	2007-08-28

Sample: 134655 - #005 Working Pit 12'

Param	Flag	Result	Units	RL
Chloride		**102**	mg/Kg	5.00

Sample: 134656 - #006 S. Leg 10'

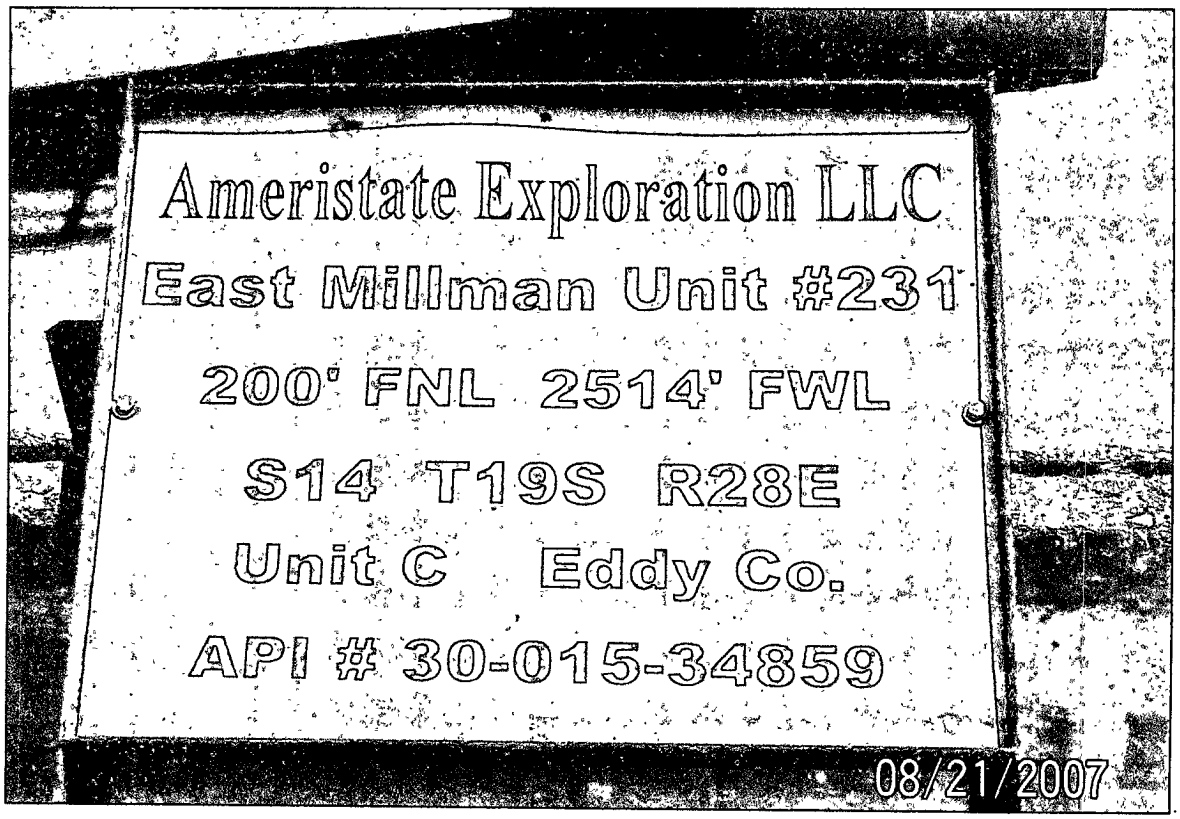
Param	Flag	Result	Units	RL
Chloride		**110**	mg/Kg	5.00

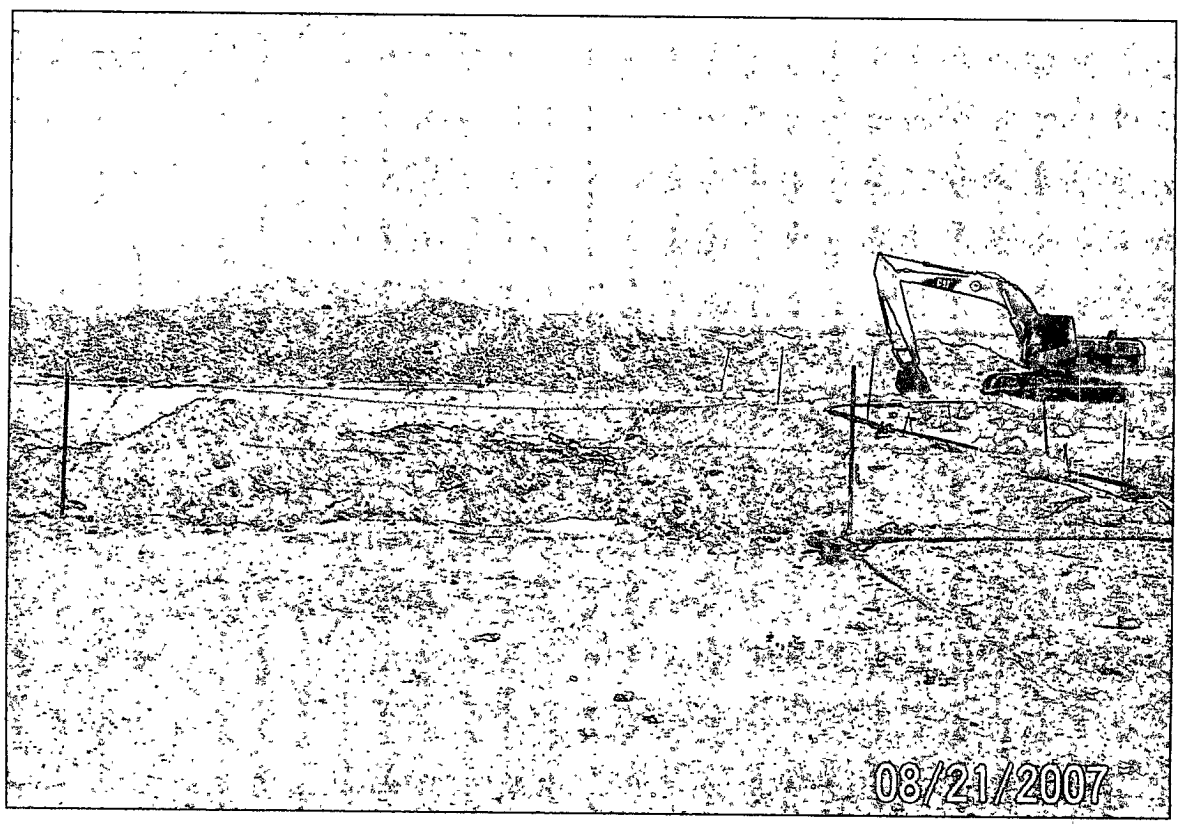
Sample: 134657 - #007 N Leg 10'

Param	Flag	Result	Units	RL
Chloride		**130**	mg/Kg	5.00

Sample: 134658 - #008 Background

Param	Flag	Result	Units	RL
Chloride		**33.1**	mg/Kg	5.00


Ameristate Exploration LLC
East Millman Unit #231
200' FNL 2514' FWL
S14 T19S R28E
Unit C Eddy Co.
API # 30-015-34859
08/21/2007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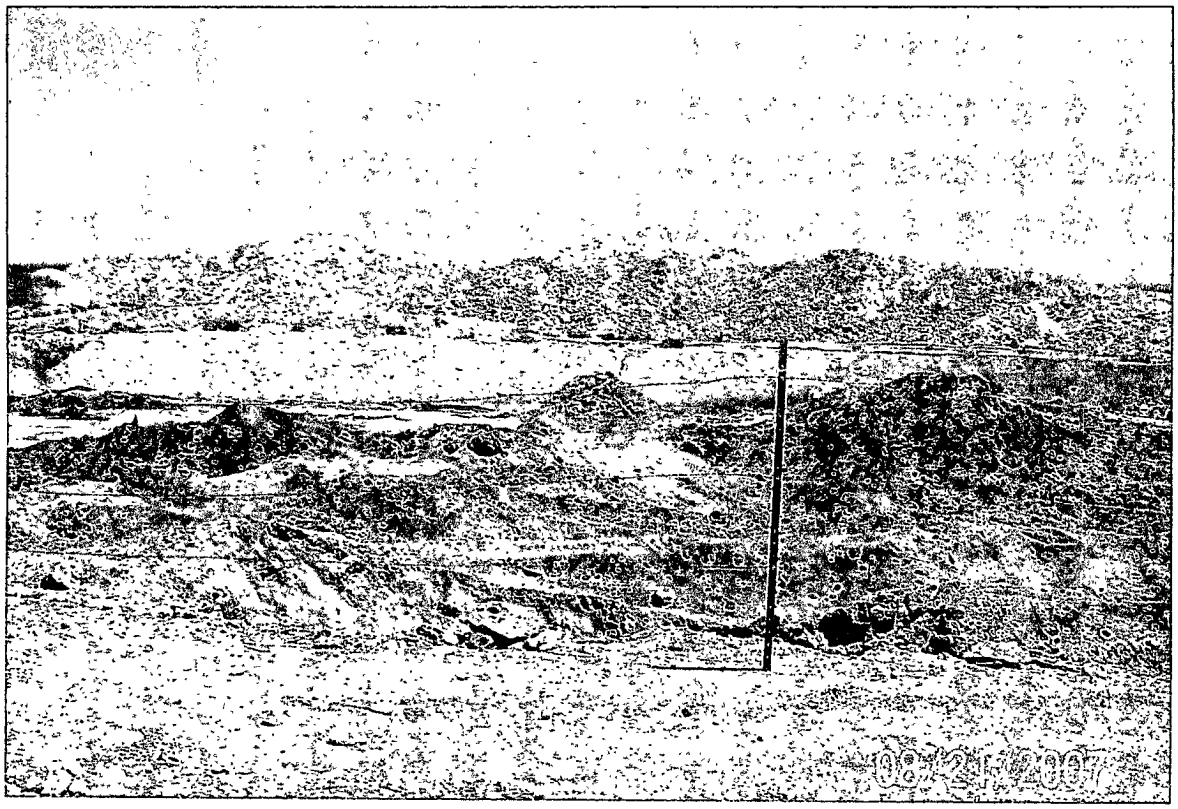

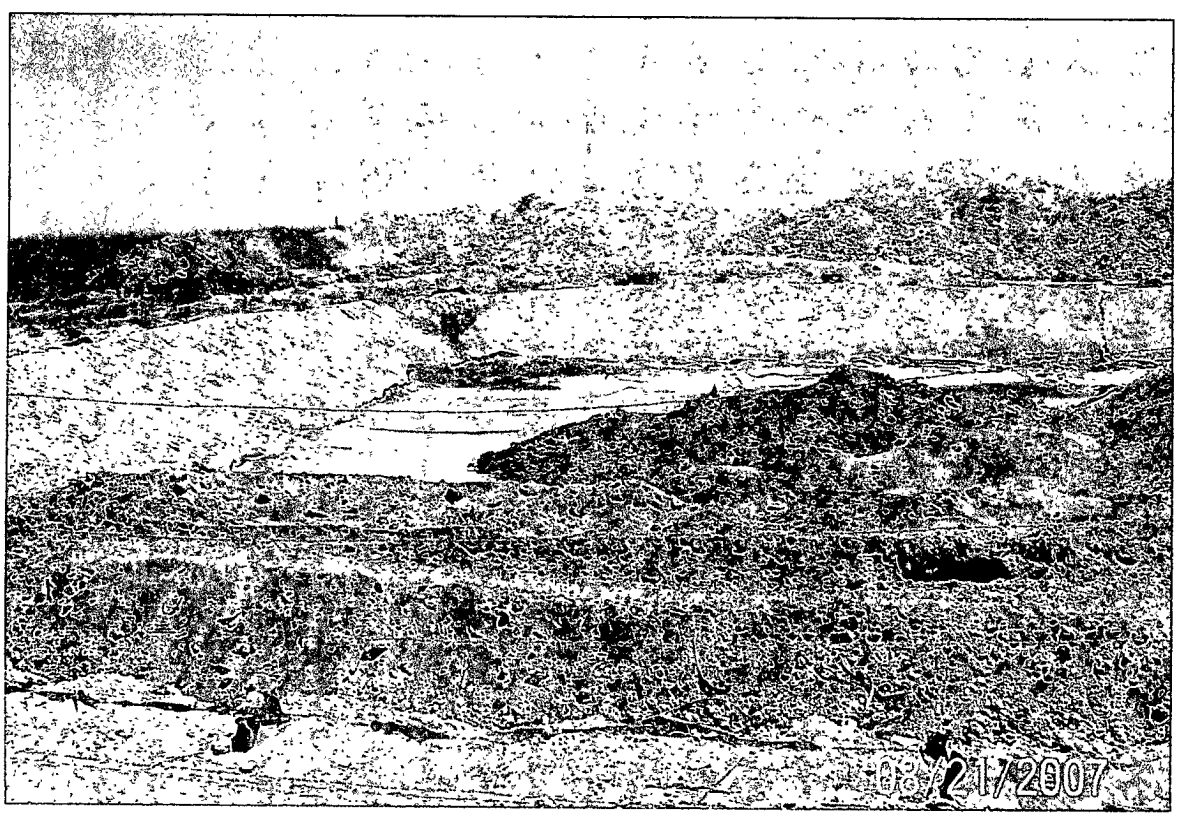

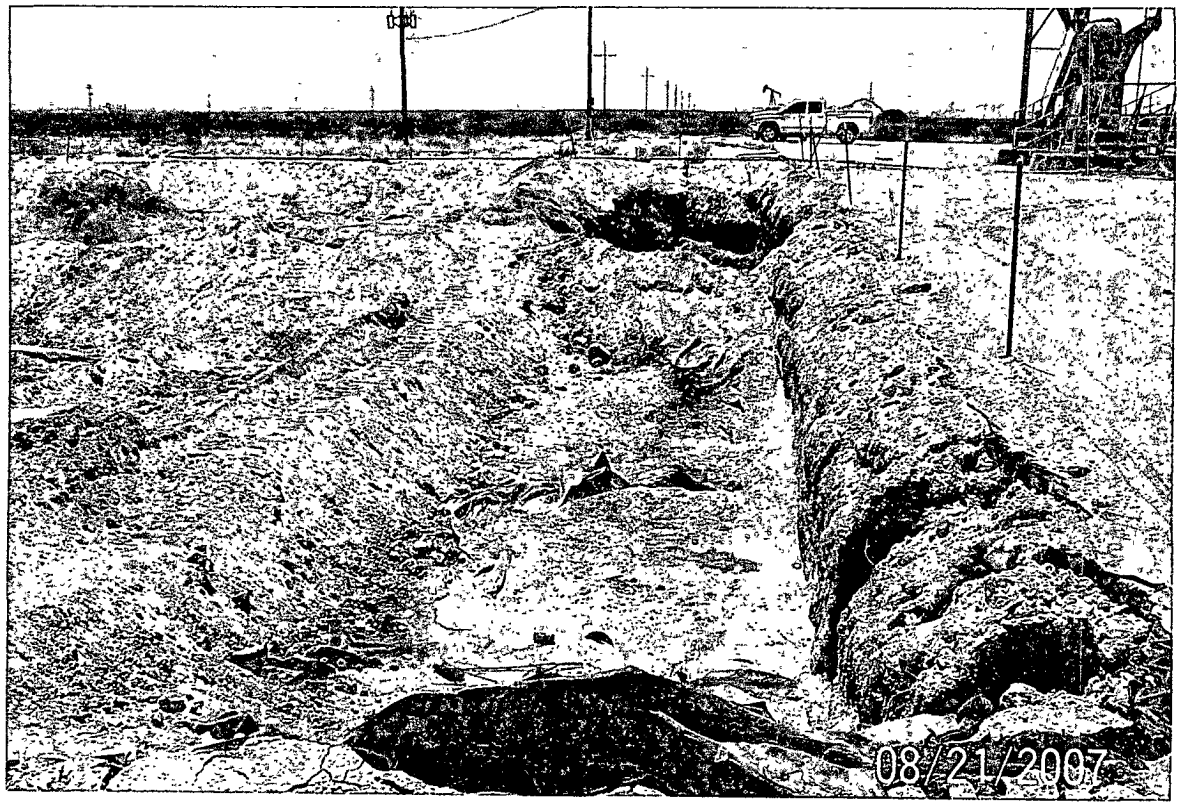
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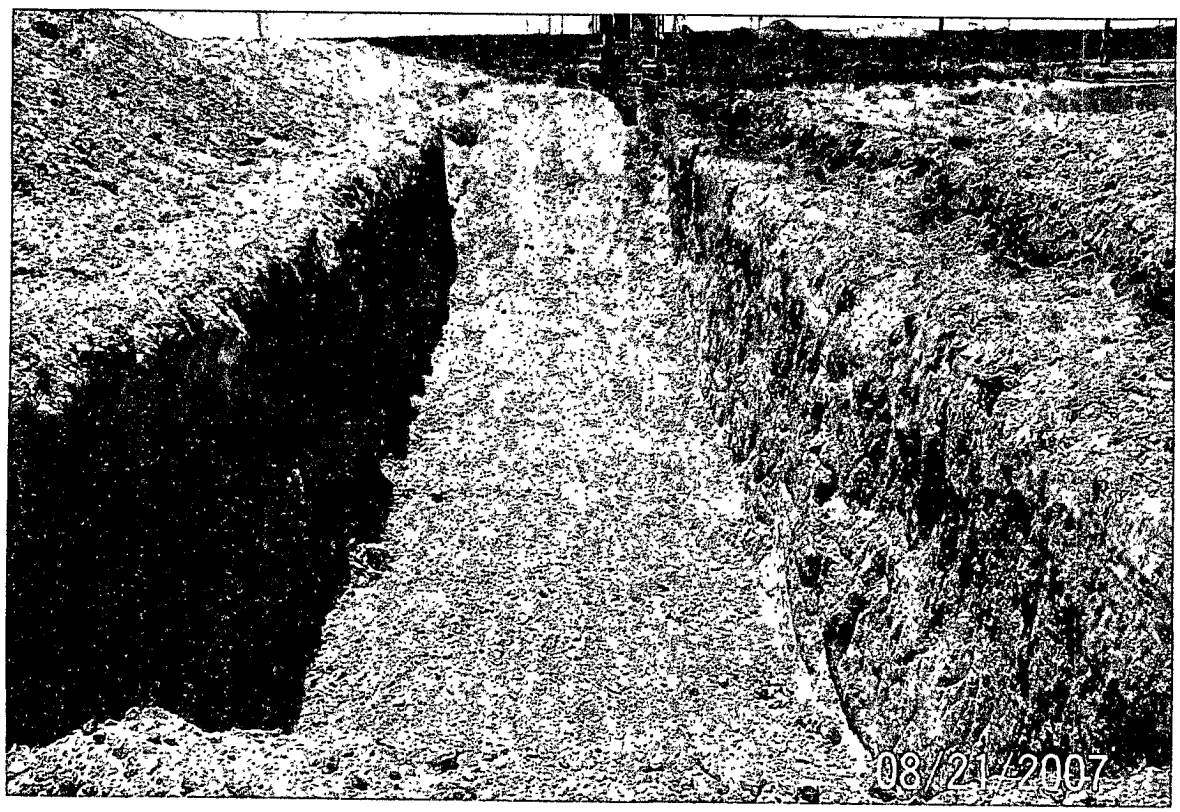
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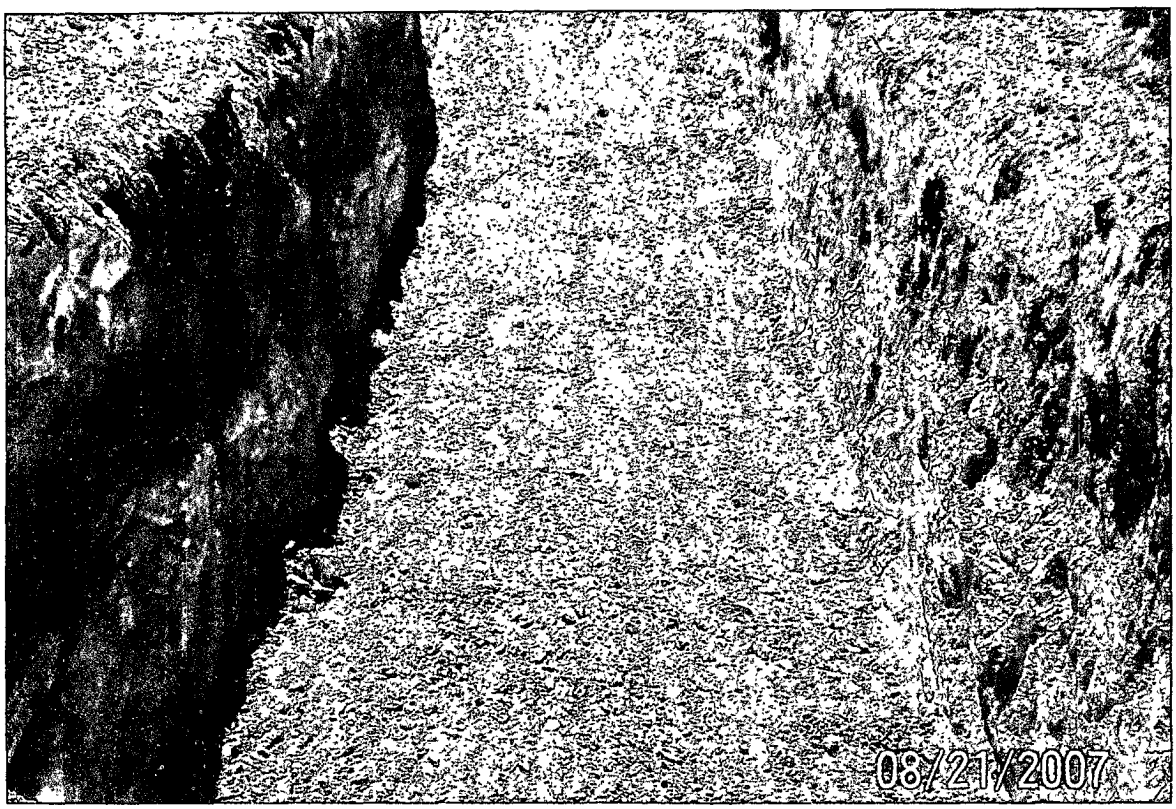
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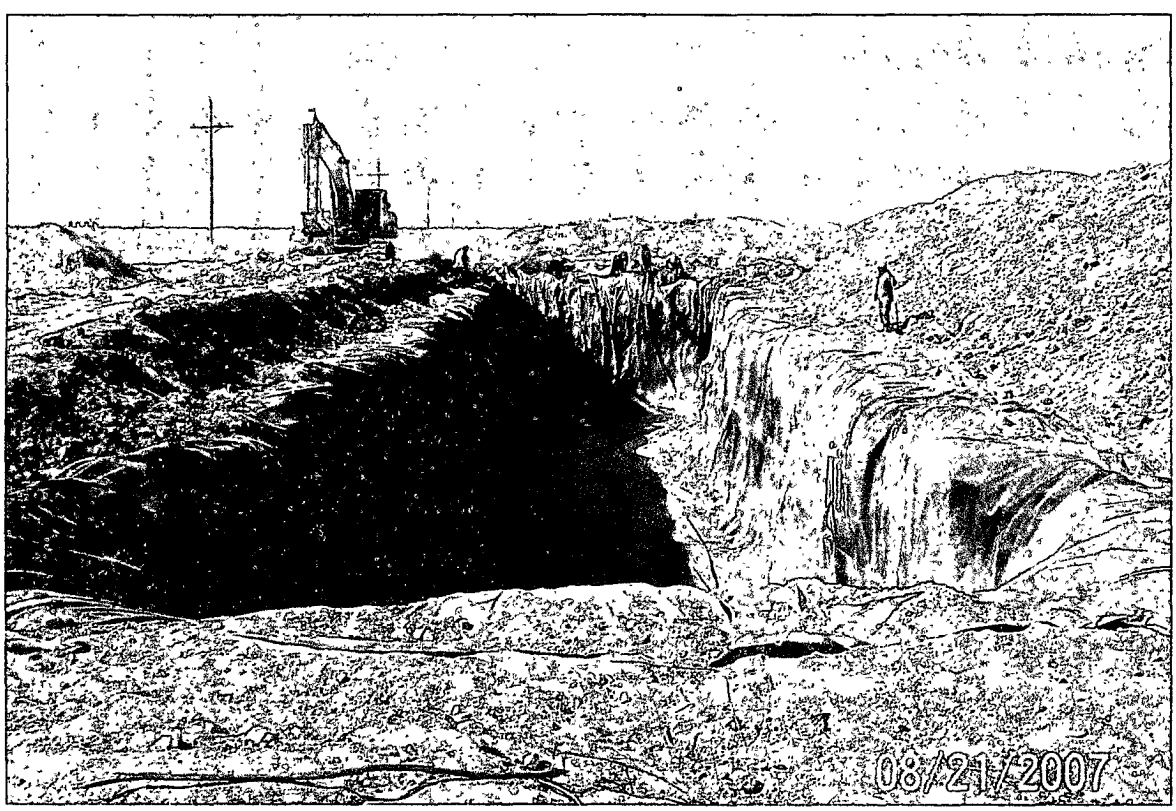
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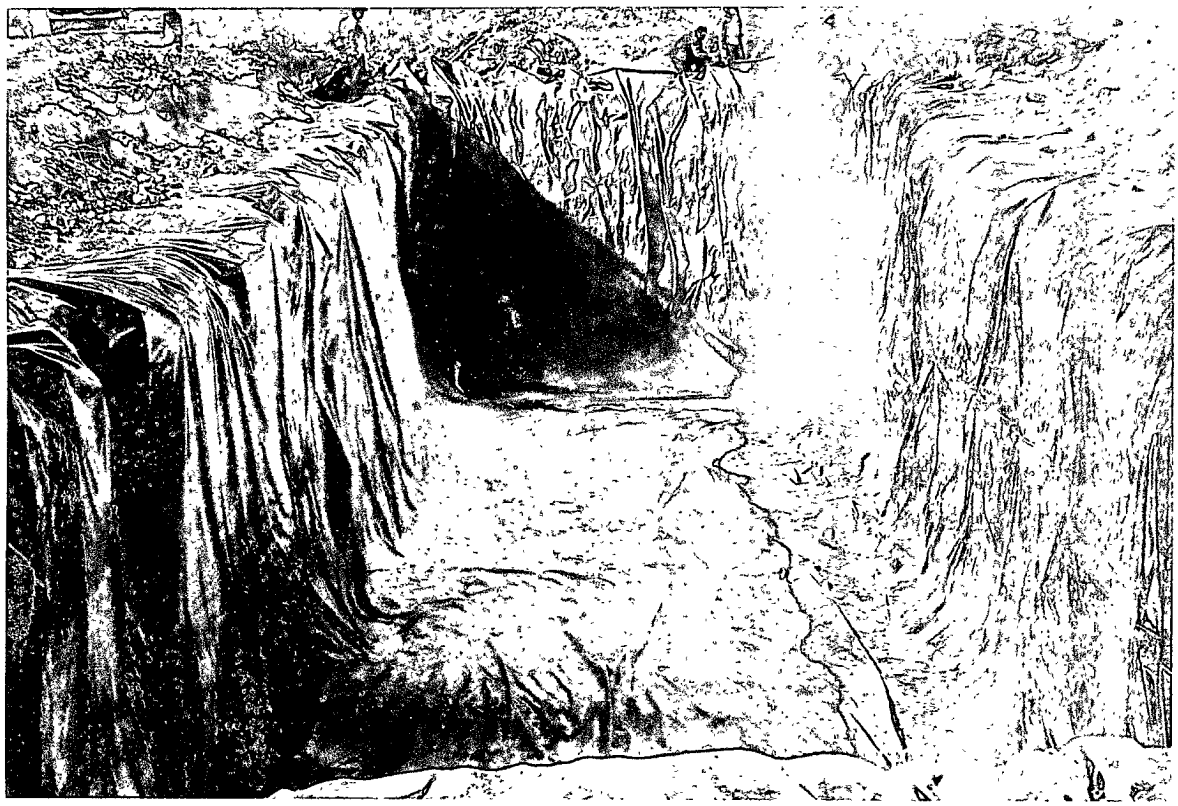

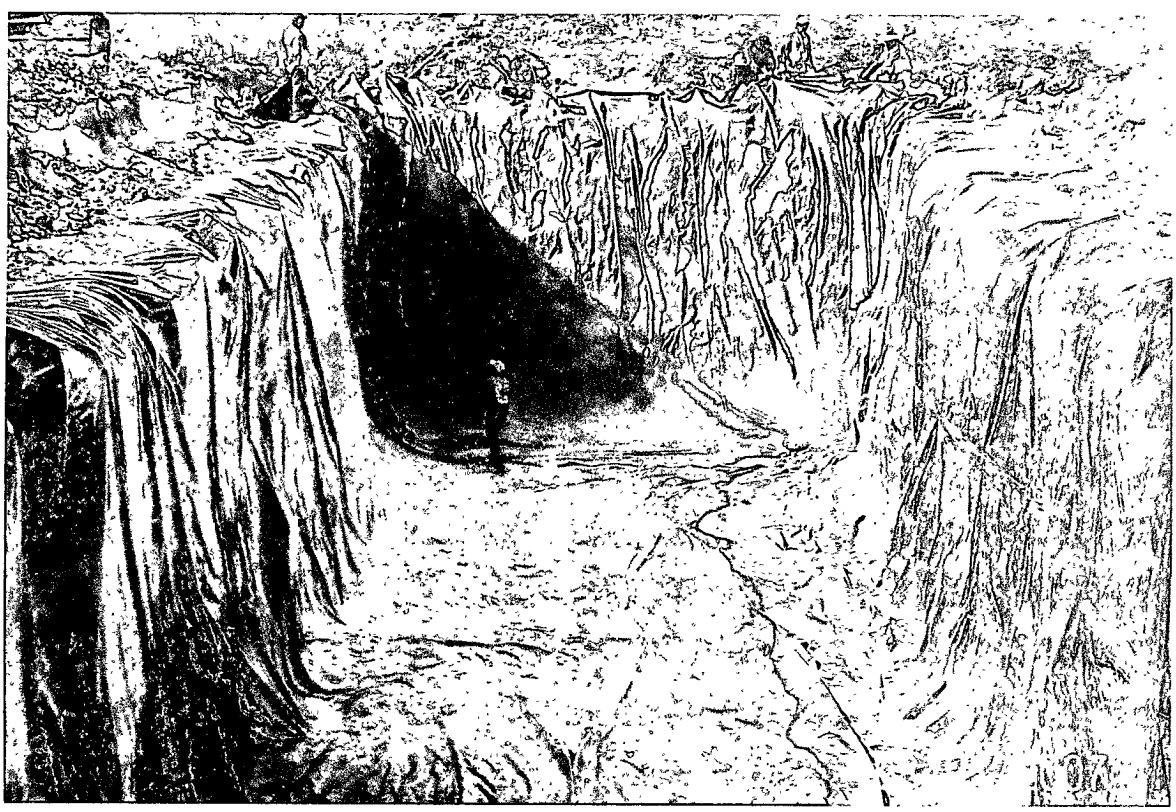

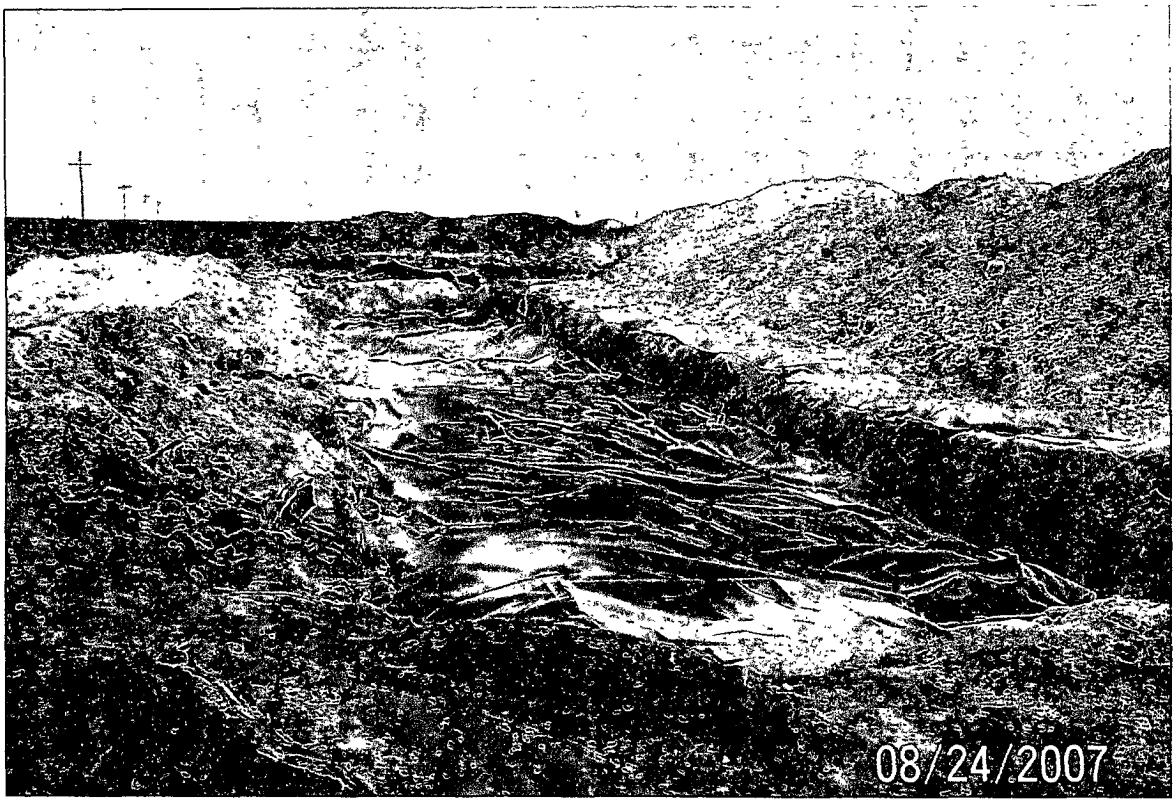
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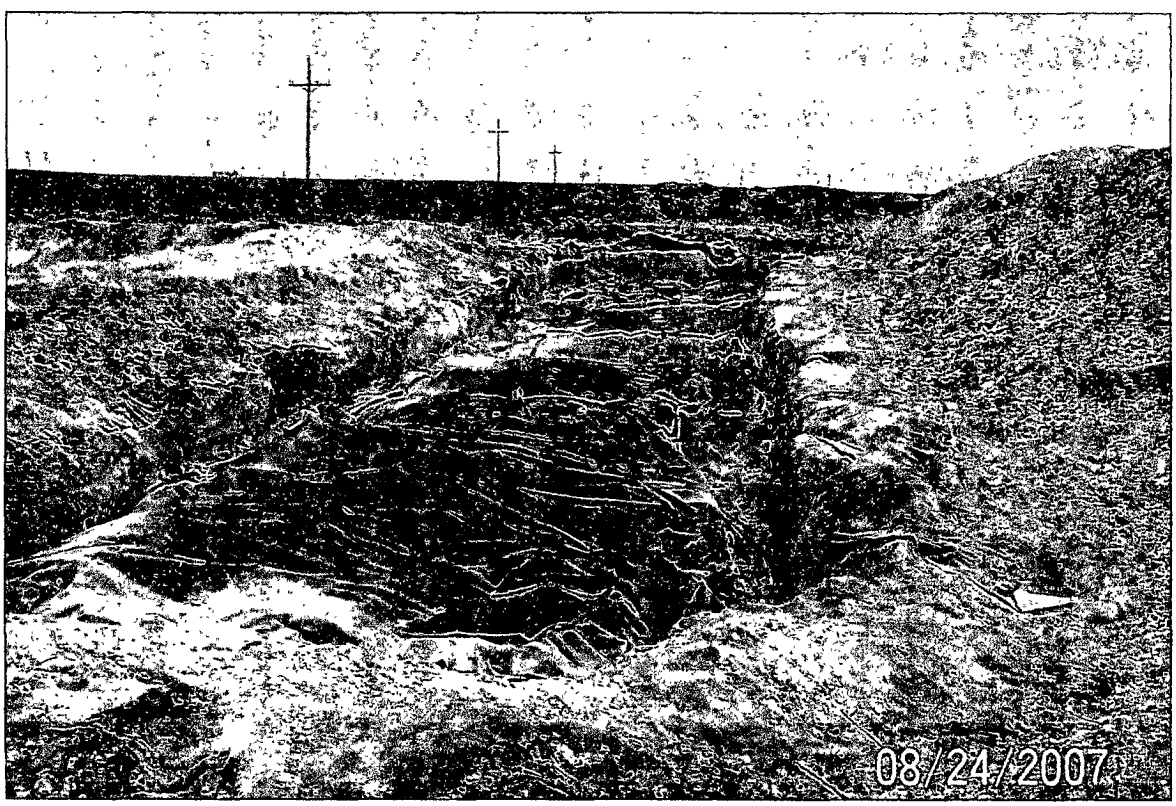
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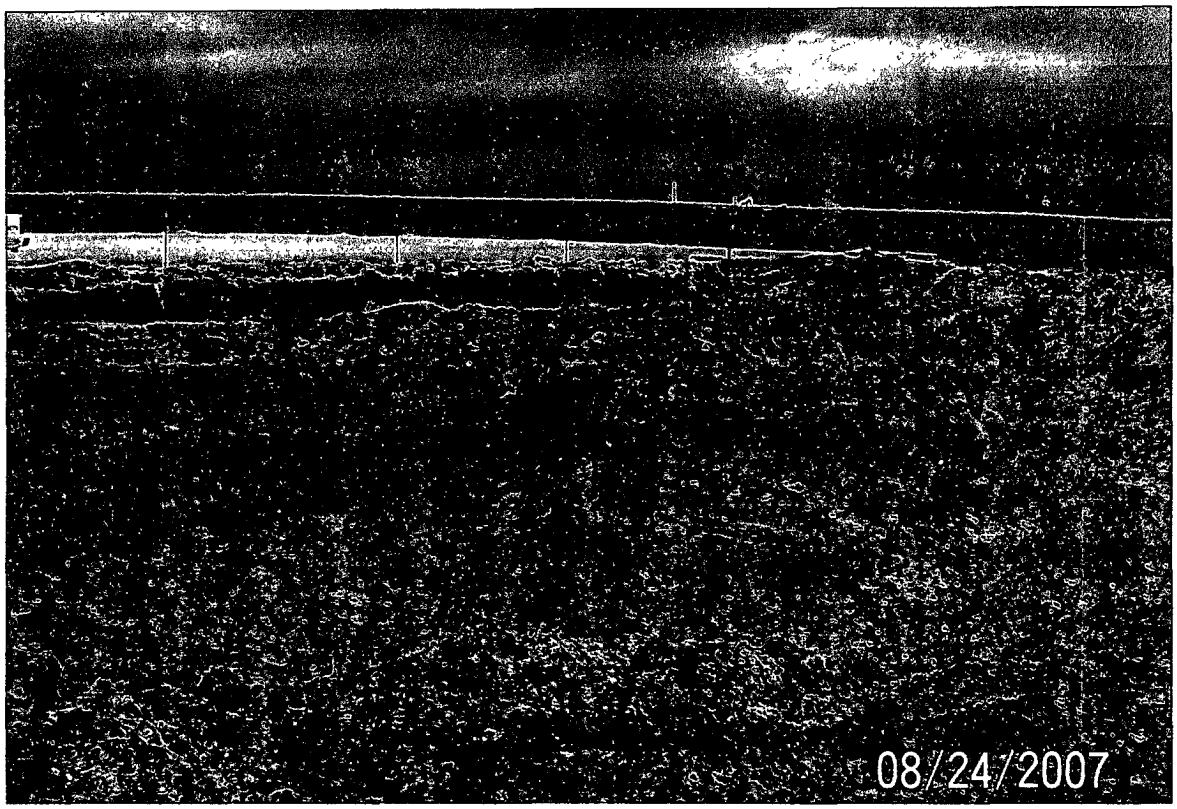
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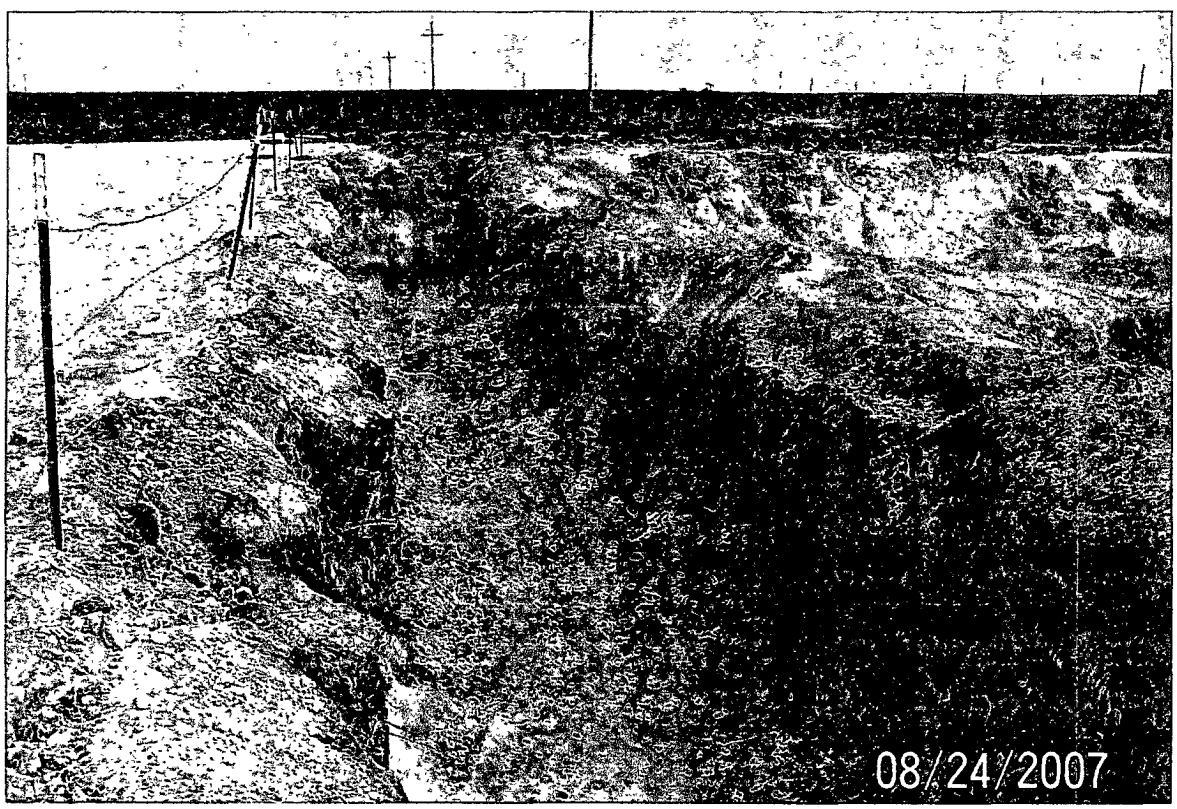
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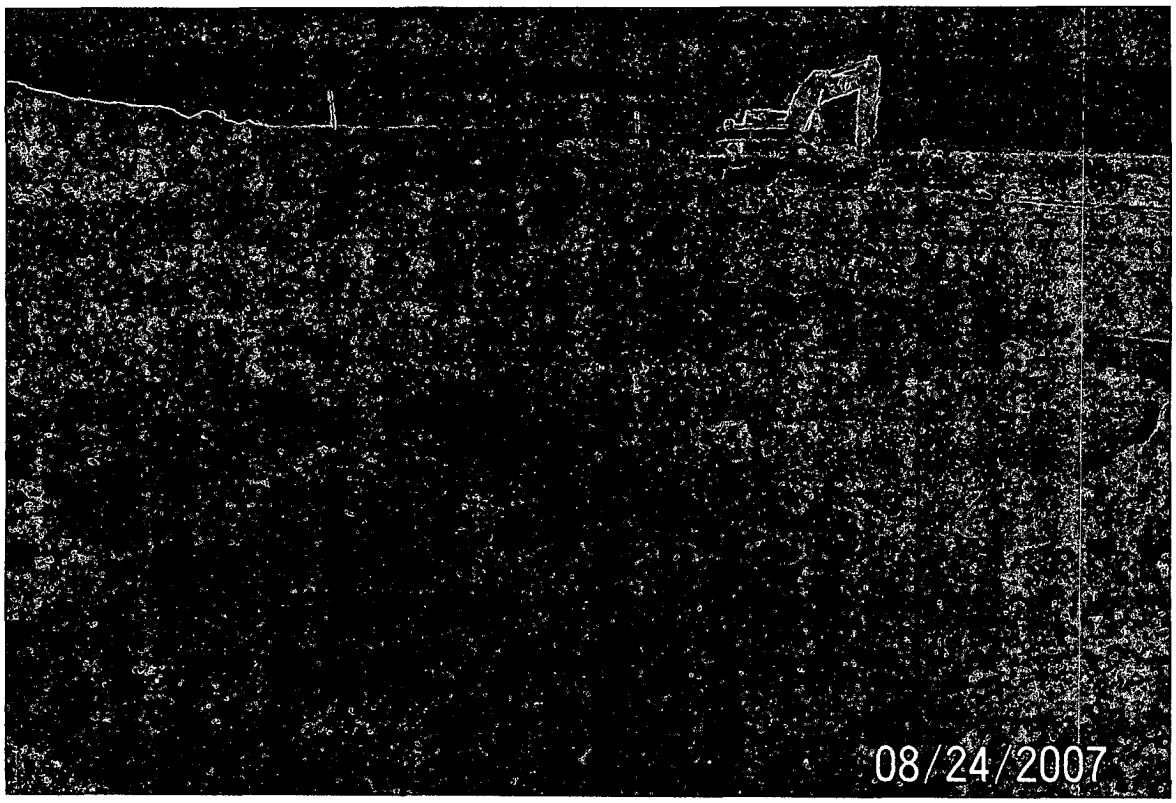
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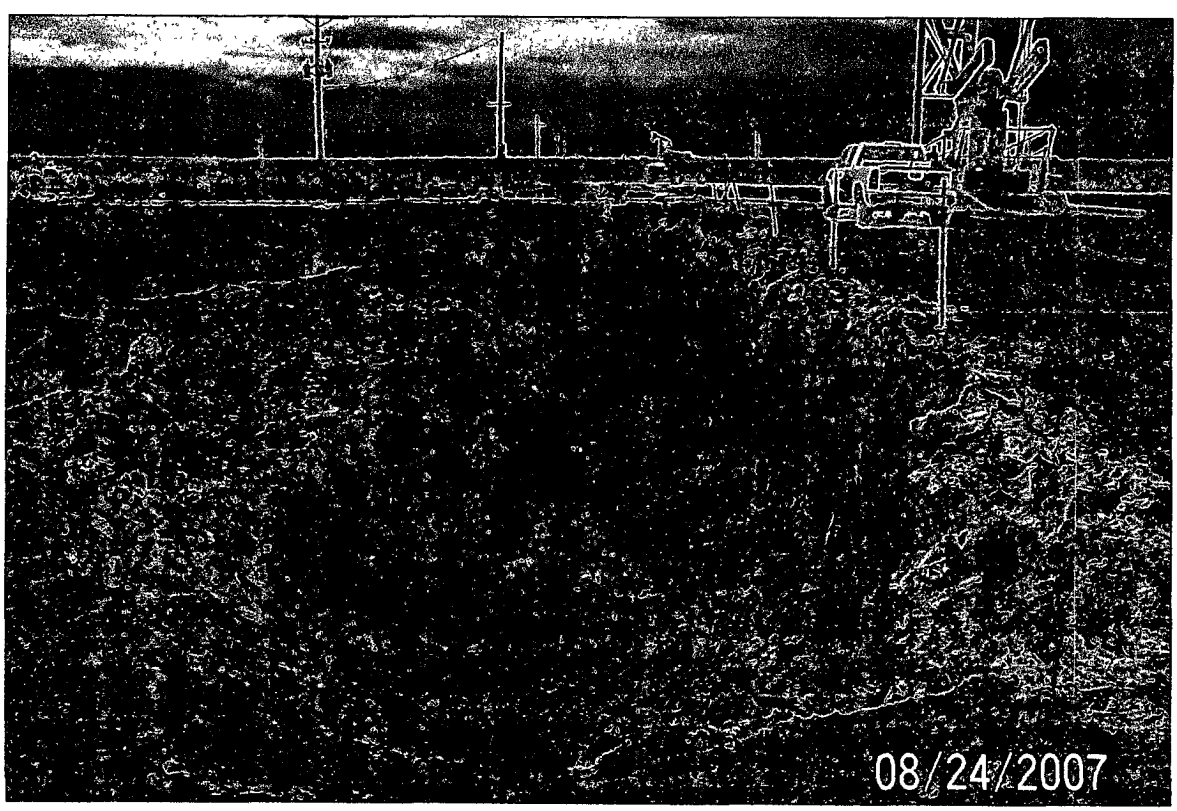
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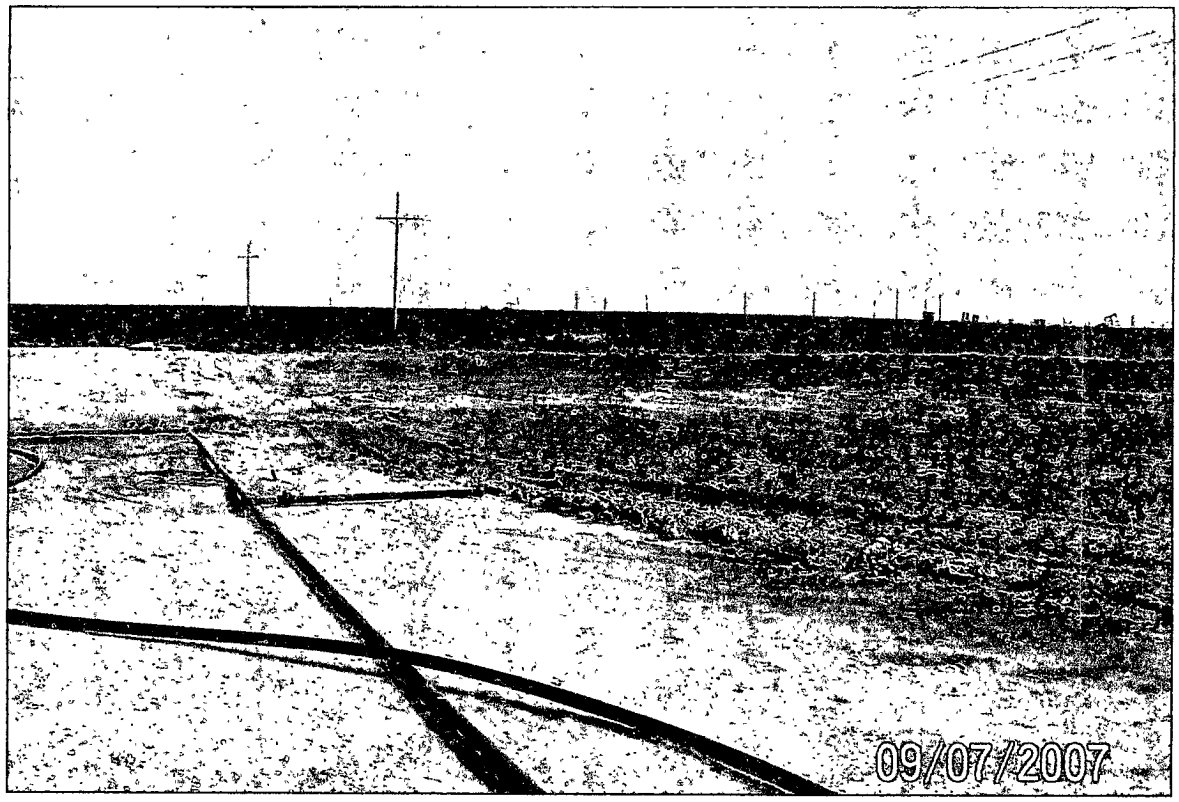
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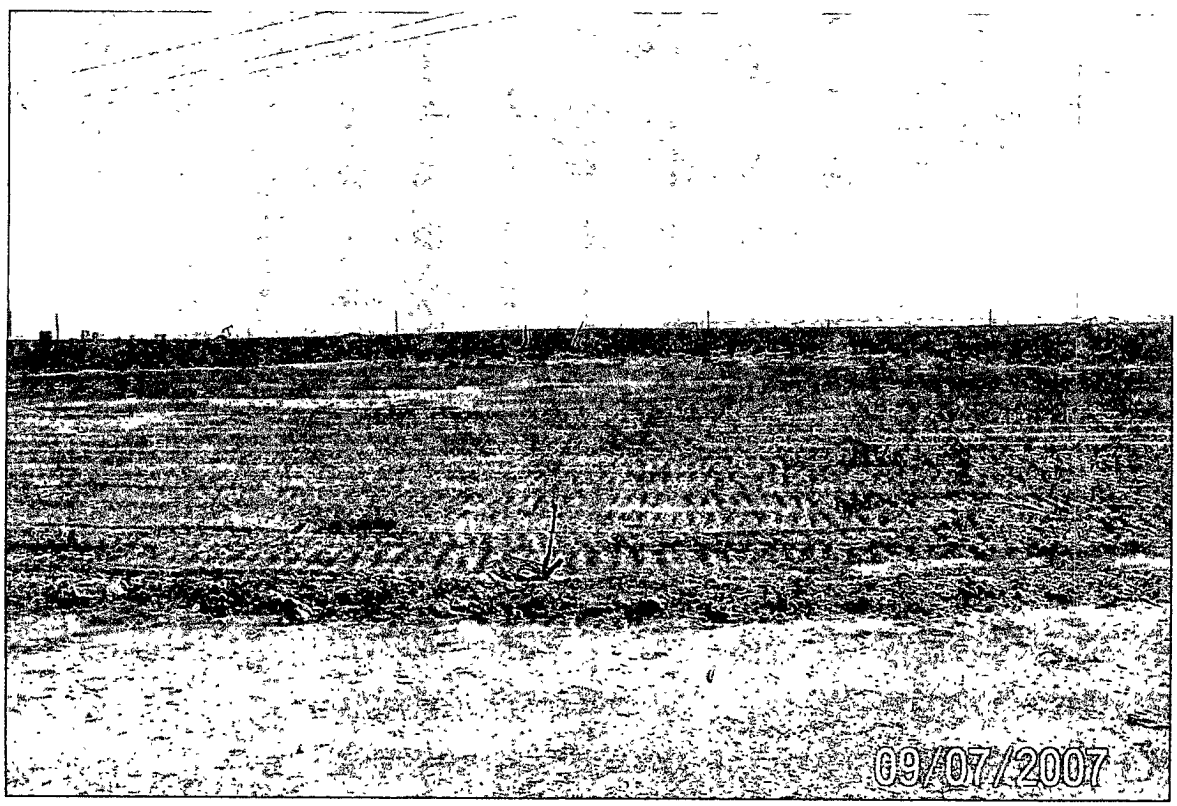
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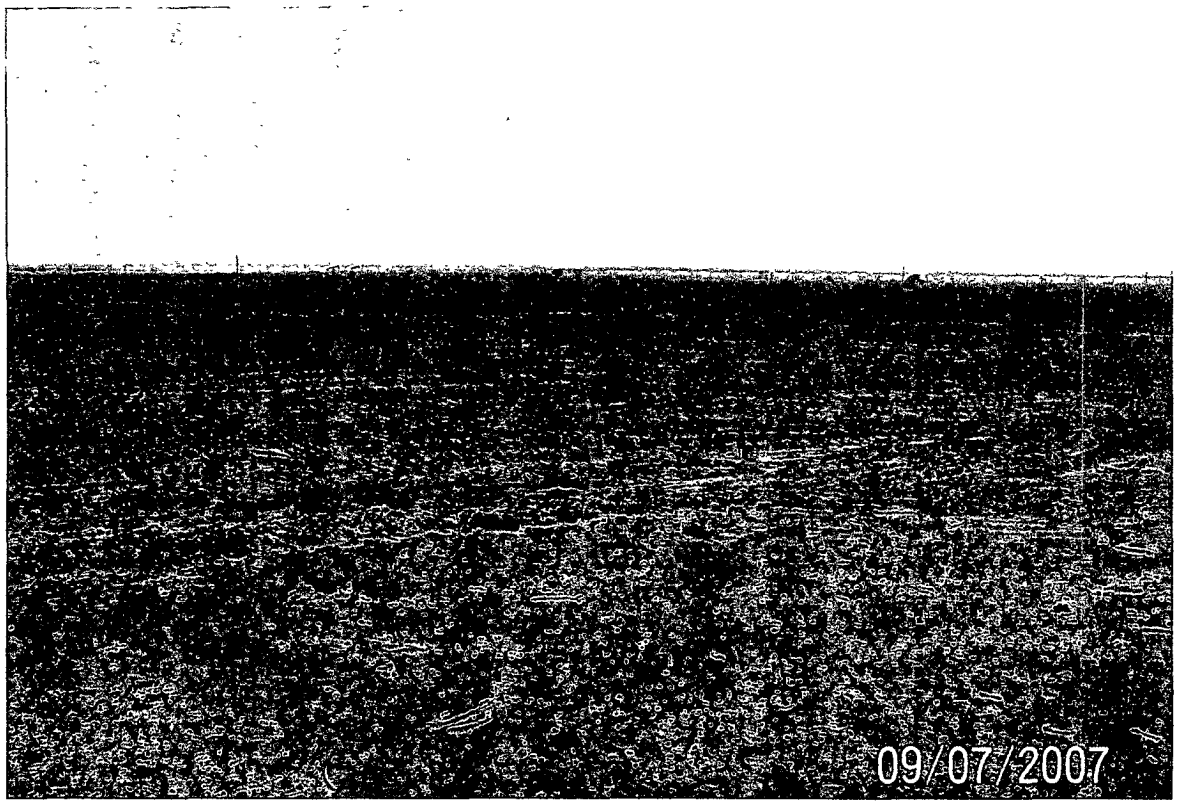
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