

**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

505-746-0807 FAX

Enclosed you will find a copy of the scope of work from the spill at the OXY T-Bone Federal #1.

Sample results:

Maps:

Pictures:

NM One Call Information:

Information of changes that were made:

Information on material used to backfill:

Judah Oil
OXY T-Bone Federal #1
660' FNL 1980 FWL
Sec 33 T18s R31e
Eddy County NM

API 30-015-32122

3-5-2012

RE: Removing contaminated soil from a spill occurring around 12:30 on 10-24-11 at the OXY T-Bone Federal #1 NMOCD and BLM were informed around 1:00pm)

On 12-8-2011 Blaise Campanella was given approval by Mike Bratcher of the New Mexico Oil Conservation Division hereby referred to as (NMOCD) to remove the contaminate soil.

Some of the material was removed as soon as possible to prevent the fluid from traveling deeper than it would have. Samples were taken in various areas within the spill, the final analyses was given by Cardinal Lab in Hobbs. The grab samples were all above 1914.3ppm to the hottest 10,422ppm. Lab results included.

The delineation results came down less than 500ppm and some areas, even less at 250ppm around four to eight feet in depth. Three places will be delineated again by Excavator or by Drilling to find how deep it traveled, according to the wishes of Mike Bratcher with (NMOCD) seeing that the chloride count was very high and backhoe could not go deep enough to find an acceptable level of 1000ppm or less in Chloride count.

These three areas are (#2 north of battery in old pit, formally known as #9) and (#1 s/w of battery: north of access road.) also (#9 middle of access road to the south) please see map for visual. Some of the numbers were changed because of conflicting names on second set of samples sent to Cardinal Lab, also included in the change was #5 s/w of battery which was formally know as #3, changes were made by Cardinal labs as well. An update of the re-sampling will be given as soon as the final results are in from Cardinal Lab.

Up Date:

On 12-22-2011 two of the three areas were sampled again (#1 S/W of Battery, according to Cardinal Labs it showed to be 256ppm at 14' in depth) and (#9 North of Road showed to be at 11' 496ppm.)

Up Date:

On 2-9-2012 the area now know as (#2 was Bore Drilled to 45' in depth, the chloride count showed to be 736ppm according to Cardinal labs.) Please see the enclosed Cardinal lab results for conformation.

Also included will be a complete map of the access road and location with various areas that were contaminated. Individual maps will show how large each area was and how deep the dig went to get it below 500/1000ppm.

Each dig will be according to the final result of the Cardinal labs report. The contaminate soil will be removed and trucked to CRI and Sundance for proper disposal. Once the areas are completed, fresh calichie will be truck in from a nearby N.M. State Land Pit, brought up within a foot of ground level, completed with blow sand from a nearby BLM Land Pit.

With the exception on the area referred to as #2 north of battery, "formally known as #9" north of battery. After the Bore Drill and final sample was run, the result showed to be 736ppm at 45' in depth.

Permission was given to take this area down 10' below ground level, once the contaminate was removed, calichie was trucked in bring it back up 5'. Two 20'x20' 8mil liners were spread over the fresh material; the liners were then covered with calichie within a foot of the ground level. Blow Sand will be utilized to complete the backfill, contoured back into the surrounding area.

Seeding to be done in April or May with a proper seed mixture. If for any reason you have any questions please feel free to contact Blaise Campanella at 575-748-5488.

Enclosed you will find maps, pictures, NM One Call information, Purchas agreement's of material from the State and BLM, Cardinal Lab results and field information.

Respectfully submitted

Gary Smith.
TNT Backhoe.

Judah Oil
OXY T-Bone Federal #1
660' FNL 1980 FWL
Sec 33 T18s R31e
Eddy County NM

API 30-015-32122

12-15-2011

RE: Removing contaminated soil from a spill occurring around 12:30 on 10-24-11 at the OXY T-Bone Federal #1 NMOCD and BLM were informed around 1:00pm)

On 12-8-2011 Blaise Campanella was given approval by Mike Bratcher of the New Mexico Oil Conservation Division hereby referred to as (NMOCD) to remove the contaminate soil from a spill at the OXY T-Bone Federal #1. Judah Oil is also seeking approval from the New Mexico State Land Office (BLM) if the scope of work presented herein is approved.

Some of the material was removed as soon as possible to prevent the fluid from traveling deeper than it would have. Samples were taken in various areas within the spill, the final analyses was given by Cardinal Lab in Hobbs. The grab samples were all above 1914.3ppm to the hottest 10422ppm Lab results included.

The delineation results came down less than 500ppm and some areas, even less at 250ppm around four to eight feet in depth. Three places will be delineated again by excavator or by drilling to find how deep it traveled, according to the wishes of Mike Bratcher with (NMOCD) seeing that the chloride count was very high and backhoe could not go any deeper.

These three areas formally known as (#9 north of battery in old pit is now #2) and (#3 s/w of battery: north of access road is now #5) also (#4 middle of access road to the south is #7) please see map for visual. The names were changed because of conflicting names on second set of samples, which will be changed by Cardinal labs as well. An update will given as soon as the final results are in from Cardinal Lab.

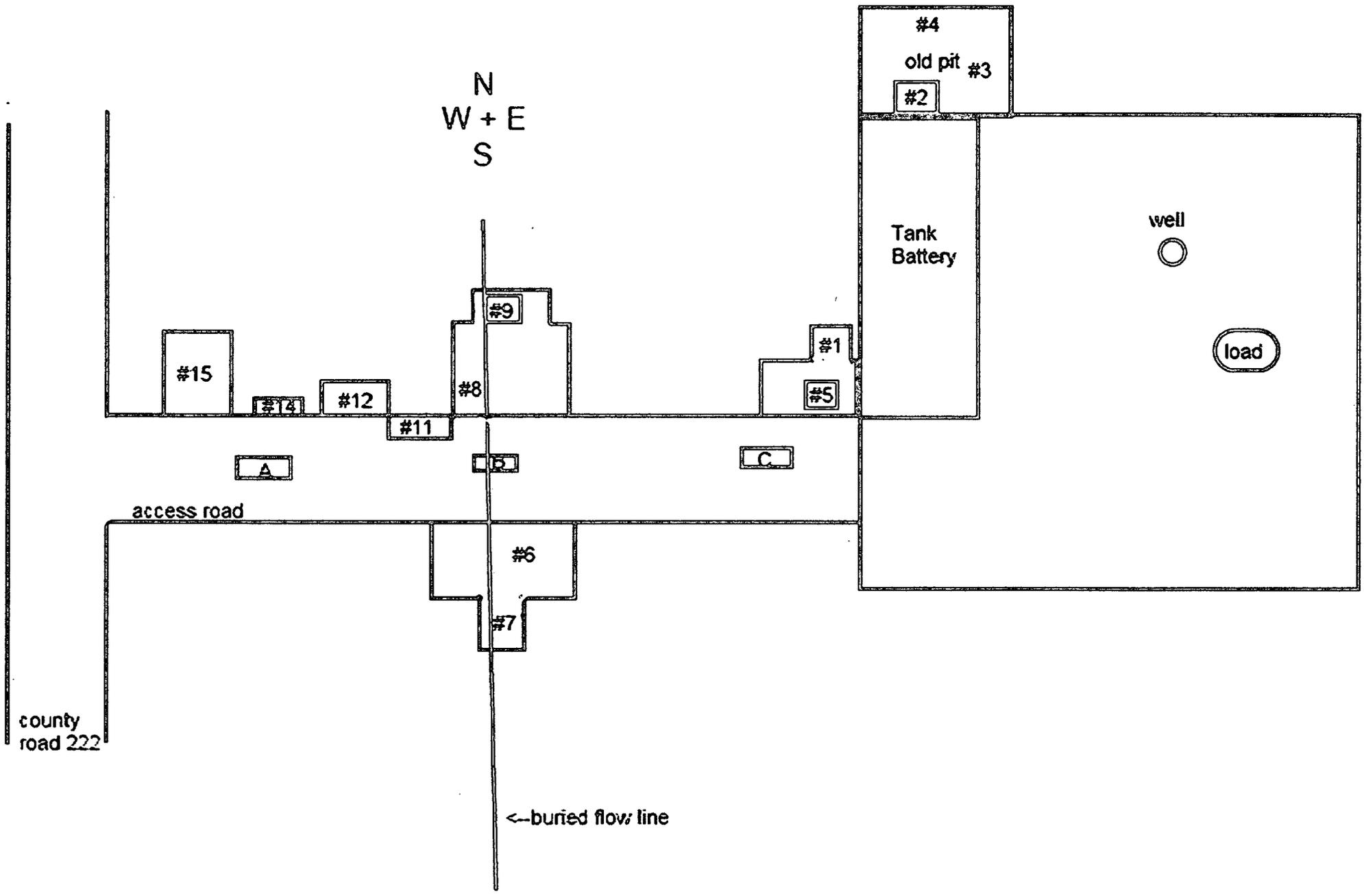
As to the scope of work Judah Oil would remove the contaminated soil six foot in depth; truck it to a registered land field for disposal. A 20mil liner placed down to prevent leaching up into root system. Calichie will be trucked in to raise the areas within a foot of ground level. Top soil will then be trucked in to bring it up above the ground level contouring back into the surrounding area for proper drainage and re-vegetation growth.

Seeding to be done in April or May with a proper BLM seed mixture. If for any reason you have any questions please feel free to contact Blaise Campanella at 575-748-5488.

Respectfully submitted

Gary Smith.
TNT Backhoe.

Judah oil 2011
oxy T-Bone Federal #1
(Spill) samples ran in field
then sent to cardinal lab. 11-10-11





an R360 company

CRI HOLDINGS, LLC

4507 W Carlsbad Highway
Hobbs, NM 88240
575-393-1079

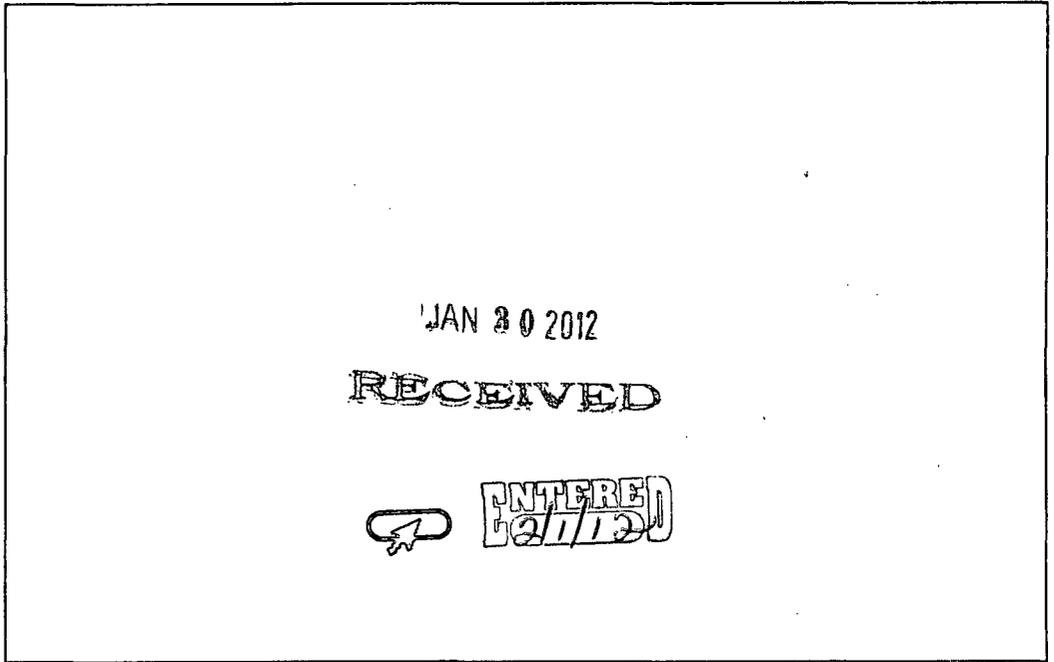
Bill To
JUDAH OIL
P.O. BOX 568
ARTESIA, NM 88211

Invoice

Date: 1/24/2012
Invoice #: 94747

Terms: Due Upon Receipt
Generator: JUDAH OIL
Lease: T BONE SWD BATT
Well: DISPOSAL
Rig:
PO:
Memo:

\$ PAID
2752



Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co.
Cont Soil	12.00			\$21.00	\$252.00	41807	1/23/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	41837	1/23/2012	NA	BLAZE CAMPANELLA	TNT

REMIT TO:

CRI HOLDINGS, LLC
PO BOX 671798
DALLAS TX 75267-1798

Subtotal:	\$504.00
NM Sales Tax (6.8125%):	\$34.34
Total:	\$538.34

TO AVOID DISRUPTION IN SERVICE, PLEASE PAY IMMEDIATELY.
For wire instructions, contact your Account Executive.



an ~~R360~~ company

CRI HOLDINGS, LLC

4507 W Carlsbad Highway
Hobbs, NM 88240
575-393-1079

Invoice

Date: 1/31/2012
Invoice #: 95150

Terms: Due Upon Receipt
Generator: JUDAH OIL
Lease: OXY T-BONE FEDERAL
Well: 1
Rig:
PO:
Memo:

Bill To
JUDAH OIL
P.O. BOX 568
ARTESIA, NM 88211

\$ PAID
2758

ENTERED
2/1/12

FEB 13 2012
RECEIVED

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Cont Soil	12.00			\$21.00	\$252.00	41961	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	41963	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	41972	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	41984	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42005	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42007	1/24/2012	NA	BLAZE CAMPANELLO	TNT
Cont Soil	12.00			\$21.00	\$252.00	42009	1/24/2012	NA	BLAZE CAMPANELLI A	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42017	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42019	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42020	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42022	1/24/2012	NA	BLAZE CAPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42029	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42038	1/24/2012	NA	BLAZE CAMPANELLO	TNT
Cont Soil	12.00			\$21.00	\$252.00	42042	1/24/2012	NA	BLAZE CAMPANELLI A	HERNANDEZ TRUCKING



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CRI HOLDINGS, LLC

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Hobbs, NM 88240
575-393-1079

Invoice

Date: 1/31/2012
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Generator: JUDAH OIL
Lease: OXY T-BONE FEDERAL
Well: 1
Rig:
PO:
Memo:

Bill To
JUDAH OIL
P.O. BOX 568
ARTESIA, NM 88211

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Cont Soil	12.00			\$21.00	\$252.00	42048	1/24/2012	NA	BLAZE CAMPANELLI A	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42059	1/24/2012	NA	BLAZE CAMPANELLI A	PALLARES TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	42066	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42072	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42074	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42081	1/24/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	42082	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42083	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42091	1/24/2012	NA	BLAZE CAMPANELLI A	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42096	1/24/2012	NA	BLAZE CAMPANELLO	TNT
Cont Soil	20.00			\$21.00	\$420.00	42113	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42117	1/24/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42305	1/25/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42307	1/25/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42308	1/25/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	42311	1/25/2012	NA	BLAZE CAMPANELLI A	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42313	1/25/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42319	1/25/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	20.00			\$21.00	\$420.00	42337	1/25/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42338	1/25/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42339	1/25/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	42341	1/25/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42349	1/25/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42352	1/25/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42370	1/25/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	20.00			\$21.00	\$420.00	42382	1/25/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42384	1/25/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42386	1/25/2012	NA	BLAZE CAMPANELLA	RACMER



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CRI HOLDINGS, LLC

4507 W Carlsbad Highway
Hobbs, NM 88240
575-393-1079

Invoice

Date: 1/31/2012
Invoice #: 95150
Terms: Due Upon Receipt
Generator: JUDAH OIL
Lease: OXY T-BONE FEDERAL
Well: 1
Rig:
PO:
Memo:

Bill To
JUDAH OIL
P.O. BOX 568
ARTESIA, NM 88211

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Cont Soil	12.00			\$21.00	\$252.00	42391	1/25/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42398	1/25/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	42400	1/25/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	42406	1/25/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	42629	1/26/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42631	1/26/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	42637	1/26/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42640	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42641	1/26/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	42642	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42646	1/26/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42663	1/26/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42664	1/26/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42665	1/26/2012	NA	LAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42666	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	42668	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42669	1/26/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	42676	1/26/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	20.00			\$21.00	\$420.00	42685	1/26/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	42696	1/26/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	42699	1/26/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42709	1/26/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	42710	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	42713	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	20.00			\$21.00	\$420.00	42718	1/26/2012	NA	BLAZE CAMPANELLI A	PALLARES TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	42720	1/26/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42727	1/26/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	42728	1/26/2012	NA	BLAZE CAMPANELLA	TNT



an R360 company

CRI HOLDINGS, LLC

4507 W Carlsbad Highway
Hobbs, NM 88240
575-393-1079

Invoice

Date: 1/31/2012
Invoice #: 95150

Terms: Due Upon Receipt
Generator: JUDAH OIL
Lease: OXY T-BONE FEDERAL
Well: 1
Rig:
PO:
Memo:

Bill To
JUDAH OIL
P.O. BOX 568
ARTESIA, NM 88211

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Cont Soil	12.00			\$21.00	\$252.00	43075	1/27/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	43079	1/27/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	43088	1/27/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43092	1/27/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	20.00			\$21.00	\$420.00	43106	1/27/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	43109	1/27/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	43111	1/27/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	43122	1/27/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	43127	1/27/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	43138	1/27/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43140	1/27/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	20.00			\$21.00	\$420.00	43146	1/27/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	43153	1/27/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	43158	1/27/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	43166	1/27/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	43167	1/27/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	43175	1/27/2012	NA	BLAZE CAMAPANELLI A	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43177	1/27/2012	NA	BLAZE CAMPANELLI A	RACMER
Cont Soil	20.00			\$21.00	\$420.00	43186	1/27/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	12.00			\$21.00	\$252.00	43193	1/27/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	43195	1/27/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	43199	1/27/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	43204	1/27/2012	NA	BLAZE CAMPANELLI A	TRIPLE M
Cont Soil	12.00			\$21.00	\$252.00	43746	1/30/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43748	1/30/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43749	1/30/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	43753	1/30/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	43766	1/30/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING



an R360 company

CRI HOLDINGS, LLC

4507 W Carlsbad Highway
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Invoice

Date: 1/31/2012
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Terms: Due Upon Receipt
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Well: 1
Rig:
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Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Cont Soil	20.00			\$21.00	\$420.00	43767	1/30/2012	NA	BLAZE CAMPANELLA	ANGELS TRANSPORT
Cont Soil	12.00			\$21.00	\$252.00	43780	1/30/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	12.00			\$21.00	\$252.00	43792	1/30/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43797	1/30/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43805	1/30/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	43807	1/30/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	43811	1/30/2012	NA	BLAZE CAMPANELLI A	PALLARES TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	43812	1/30/2012	NA	BLAZE CAMPANELLA	ANGELS TRANSPORT
Cont Soil	13.00			\$21.00	\$273.00	43815	1/30/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	43826	1/30/2012	NA	BLAZE CAMPANELLI A	TNT
Cont Soil	12.00			\$21.00	\$252.00	43829	1/30/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43830	1/30/2012	NA	BLAZE CAMPANELLA	RACMER
Cont Soil	12.00			\$21.00	\$252.00	43835	1/30/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	43836	1/30/2012	NA	BLAZE CAMPANELLA	TNT
Cont Soil	20.00			\$21.00	\$420.00	43837	1/30/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
Cont Soil	20.00			\$21.00	\$420.00	43843	1/30/2012	NA	BLAZE CAMPANELLA	ANGELS TRANSPORT
Cont Soil	12.00			\$21.00	\$252.00	43873	1/30/2012	NA	BLAZE CAMPANELLA	TNT

REMIT TO:

CRI HOLDINGS, LLC
PO BOX 671798
DALLAS TX 75267-1798

Loads yds
 (56) - 20 1120
 (89) - 12 1068
 (1) - 13 13
 2201 yds

Subtotal: \$45,297.00

NM Sales Tax (6.8125%): \$3,085.86

Total: \$48,382.86

TO AVOID DISRUPTION IN SERVICE, PLEASE PAY IMMEDIATELY.
For wire instructions, contact your Account Executive.

**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

505-746-0807 FAX

NM One Call Information.

New Mexico One Call
 Locate Request Confirmation Header Code: STANDARD LOCATE
 Request Type:

Ticket No: 2011512578 Seq. No: 0
 Update of:
 Original Call Date: 12/16/2011 Time: 08:14:08 AM OP: 215
 Transmit Date: 12/16/2011 Time: 08:21:16 AM
 Work to Begin Date: 12/20/2011 Time: 08:14:00 AM

Company: TNT BACKHOE SERVICES
 Contact Name: RAY MARTIN Contact Phone: (575)365-7827
 Alternate Contact: GARY SMITH - CALLER Alternate Phone:
 Best Time to Call: Fax No:
 Cell Phone: Pager No:
 Email: martinboys@pvtnetworks.net

State: NM County: EDDY City: RURAL EDDY
 Address: T-BONE SWD UNLOADING STATION
 To Address:
 Nearest Intersecting Street:
 2nd Intersecting Street:
 Subdivision:
 Latitude: 32.70317119 Longitude: -103.87251888
 Zip Code:
 Grid:
 Township: 18S Range: 31E Section 1/4: 33 SE
 Township: 18S Range: 31E Section 1/4: 33 SW
 Township: 18S Range: 31E Section 1/4: 33 NE
 Township: 18S Range: 31E Section 1/4: 33 NW

Location of Work: REMEDIATION SAMPLING -- FROM LOCO HILLS GO E ON
 US-82 - TRN R (S) ON CR-222 GO 7.4MI - TRN L (E)
 TO WOODEN STAKES == SPOT 50FT RADIUS OF WOODEN
 STAKE W/WHITE FLAGGING INCLUDING ACCESS ROAD AND
 ENTIRE LOCATION - POSSIBLE H2S GAS - OPEN ACCESS

Remarks:

Type of Work: BORE/AUGER-SOIL SAMPLE
 Private Property: Street: Overhead Lines: Blasting:
 Easement: Mechanical Boring: Premarked: Y
 Work Being Done For: JUDA OIL
 The following utility owners have been notified:
 EP22 SPHB LIN FFS PENA
 AGAVE ENERGY NMGCT LEGRE

IMPORTANT CONFIRMATION NOTICE

Your fax request has been received and processed. It is your responsibility to review the information provided on this faxback confirmation ticket and ensure it has been correctly interpreted from your request. Notify us immediately of any corrections or errors. Acceptance of this faxback confirmation ticket means you accept responsibility for the accuracy of the information contained in the ticket and you agree to indemnify New Mexico One Call Systems, Inc. of all liability, claims, fees, or damages, including reasonable attorney fees arising from or resulting from the use of the information provided on this confirmation ticket.

New Mexico Law requires you to wait two working days from the date and time of this confirmation notice before you begin excavation. This request is valid for ten working days. Only the facility owners listed on this ticket will be notified.

You can check the Locate Status of this ticket and request other tickets by visiting the our website at www.nmonecall.org.

New Mexico One Call
Locate Request Confirmation Header Code: STANDARD LOCATE
Request Type:
Ticket No: 2012010116 Seq. No: 0
Update of:
Original Call Date: 01/03/2012 Time: 08:00:28 AM OP: 190
Transmit Date: 01/03/2012 Time: 08:04:08 AM
Work to Begin Date: 01/05/2012 Time: 07:52:00 AM

Company: TNT BACKHOE SERVICES
Contact Name: RAY MARTIN Contact Phone: (575)365-7827
Alternate Contact: Alternate Phone:
Best Time to Call: Fax No:
Cell Phone: Pager No:
Email: martinboys@pvtnetworks.net

State: NM County: EDDY City: RURAL EDDY
Address: , T-BONE SWD UNLOADING STATION
To Address:
Nearest Intersecting Street:
2nd Intersecting Street:
Subdivision:
Latitude: 32.70386000 Longitude: -103.87385650
Zip Code:
Grid:
Township: 18S Range: 31E Section 1/4: 33 SE
Township: 18S Range: 31E Section 1/4: 33 SW
Township: 18S Range: 31E Section 1/4: 33 NE
Township: 18S Range: 31E Section 1/4: 33 NW

Location of Work: ==SPILL CLEAN-UP== FROM LOCO HILLS, GO E. ON
US-82, R. ON CR-222 GO 7.4MI, L.(E) AT START OF
WOODEN STAKES. == SPOT 50FT RADIUS OF THE STAKES
W/WHITE FLAGGING GOING UP ACCESS ROAD AND ON
LOCATION.
Remarks: -OPEN ACCESS/ POSSIBLE H2S GAS PRESENT-

Type of Work: OIL/GAS-WELL/PIT REPAIR
Private Property: Street: Overhead Lines: Blasting:
Easement: Mechanical Boring: Premarked: Y
Work Being Done For: JUDAH OIL
The following utility owners have been notified:
EP22 SPHB LIN PENA AGAVE ENERGY
NMGCT LEGRE

IMPORTANT CONFIRMATION NOTICE

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New Mexico One Call

Locate Request Confirmation

Header Code: STANDARD LOCATE

Request Type:

Ticket No: 2012032449 Seq. No: 0

Update of:

Original Call Date: 01/20/2012 Time: 08:06:50 AM OP: 106

Transmit Date: 01/20/2012 Time: 08:13:12 AM

Work to Begin Date: 01/24/2012 Time: 08:06:00 AM

Company: TNT BACKHOE SERVICES

Contact Name: RAY MARTIN Contact Phone: (575)365-7827

Alternate Contact: Alternate Phone:

Best Time to Call: Fax No:

Cell Phone: Pager No:

Email: martinboys@pvtnetworks.net

State: NM County: EDDY City: RURAL EDDY

Address: OXY T BONE FEDERAL #1

To Address:

Nearest Intersecting Street:

2nd Intersecting Street:

Subdivision:

Latitude: 32.70750550 Longitude: -103.87812800

Zip Code:

Grid:

Township: 18S Range: 31E Section 1/4: 33 NW

Location of Work: SPILL CLEAN UP===FROM LOCO HILLS GO E ON US 82-R
ON CR 222-GO 7.4 MI-TURN E-AT START OF WOODEN
STAKES SPOT 50 FT RADIUS OF STAKES WHITE FLAGGING
GOING UP ACCESS RD AND LOCATION

Remarks: POSSIBLE H2S

Type of Work: OIL/GAS-WELL/PIT REPAIR

Private Property: Street: Overhead Lines: Blasting:

Easement: Mechanical Boring: Premarked: Y

Work Being Done For: JUDAS OIL

The following utility owners have been notified:

SPHB LIN PENA NMGCT

IMPORTANT CONFIRMATION NOTICE

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New Mexico Law requires you to wait two working days from the date and time of this confirmation notice before you begin excavation. This request is valid for ten working days. Only the facility owners listed on this ticket will be notified.

You can check the Locate Status of this ticket and request other tickets by visiting the our website at www.nmonecall.org.

**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

505-746-0807 FAX

Judah Oil 2011
Oxy T- Bone Federal #1
Grab samples only.

These are the final results of the grab samples
taken all over the spill.



November 10, 2011

GARY SMITH

TNT Backhoe Service

P.O. Box 133

Artesia, NM 88211

RE: OXY T-BONE FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 11/07/11 11:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Halooacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/07/2011	Sampling Date:	10/31/2011
Reported:	11/10/2011	Sampling Type:	Soil
Project Name:	OXY T-BONE FEDERAL #1	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: NORTH #6 (H102407-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9080	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: NORTH #5 (H102407-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: #3 ROAD (H102407-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: #1 ROAD (H102407-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/09/2011	ND	464	116	400	0.00		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/07/2011	Sampling Date:	10/31/2011
Reported:	11/10/2011	Sampling Type:	Soil
Project Name:	OXY T-BONE FEDERAL #1	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: NORTH #10 (H102407-05)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: NORTH #4 (H102407-06)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: NORTH #9 (H102407-07)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: NORTH #1 (H102407-08)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	11/09/2011	ND	464	116	400	0.00		

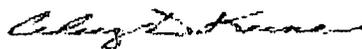
Sample ID: #7 ROAD (H102407-09)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6480	16.0	11/09/2011	ND	464	116	400	0.00		

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/07/2011	Sampling Date:	10/31/2011
Reported:	11/10/2011	Sampling Type:	Soil
Project Name:	OXY T-BONE FEDERAL #1	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: #8 ROAD (H102407-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15000	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: SOUTHWEST OF BATTERY #3 (H102407-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5440	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: BACKGROUND EAST (H102407-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: SOUTHWEST OF BATTERY #1 (H102407-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	11/09/2011	ND	464	116	400	0.00		

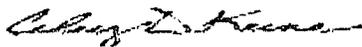
Sample ID: #12 ROAD (H102407-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4640	16.0	11/09/2011	ND	464	116	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/07/2011	Sampling Date:	10/31/2011
Reported:	11/10/2011	Sampling Type:	Soil
Project Name:	OXY T-BONE FEDERAL #1	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: #14 ROAD (H102407-15)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1550	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: NORTH OF BATTERY #2 (H102407-16)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	11/09/2011	ND	464	116	400	0.00		

Sample ID: #10 ROAD (H102407-17)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	11/09/2011	ND	448	112	400	0.00		

Sample ID: SOUTH EAST PUDDLE (H102407-18)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	11/09/2011	ND	448	112	400	0.00		

Sample ID: #9 ROAD (H102407-19)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12400	16.0	11/09/2011	ND	448	112	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

 Received: 11/07/2011
 Reported: 11/10/2011
 Project Name: OXY T-BONE FEDERAL #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 10/31/2011
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: NORTH #3 (H102407-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	11/09/2011	ND	448	112	400	0.00		

Sample ID: #4 ROAD (H102407-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	11/09/2011	ND	448	112	400	0.00		

Sample ID: SOUTH EAST OF NORTH SPILL (H102407-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	11/09/2011	ND	448	112	400	0.00		

Sample ID: SOUTHWEST OF BATTERY (H102407-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4880	16.0	11/09/2011	ND	448	112	400	0.00		

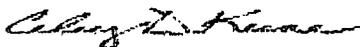
Sample ID: #13 ROAD (H102407-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12000	16.0	11/09/2011	ND	448	112	400	0.00		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

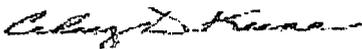
Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 5°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500C-B does not require samples be received at or below 5°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

701 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>TOT Trucking</u>			BILL TO			ANALYSIS REQUEST												
Project Manager: <u>Gary Smith</u>			P.O. #:															
Address: <u>1203 North Roseanna</u>			Company: <u>Judah Oil</u>															
City: <u>Antero</u> State: <u>NM</u> Zip: <u>88210</u>			Attn: <u>Bliss Comstock</u>															
Phone #: <u>505 202 3055</u> Fax #:			Address:															
Project #: _____ Project Owner: <u>Judah Oil</u>			City: <u>Antero</u>															
Project Name: <u>City of Buse Federal #1</u>			State: <u>NM</u> Zip: <u>88210</u>															
Project Location: <u>Elroy County</u>			Phone #:															
Sampler Name: <u>Gary Smith</u>			Fax #:															
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(GRAB OR COMPO.) # CONTAINERS	MATRIX				PRESERV		SAMPLING		checkboxes							
			GROUNDWATER	WASTEWATER	SOIL	OIL	SUDGE	OTHER:	ACIDBASE	ICE / COOL						OTHER	DATE	TIME
<u>H102407</u>	<u>North #0</u>																<u>11/31</u>	<u>8:00</u>
<u>1</u>	<u>North #1</u>																	
<u>2</u>	<u>North #2</u>																	
<u>3</u>	<u>#3 Road</u>																	
<u>5753932476</u>	<u>#1 Road</u>																	
<u>1017</u>	<u>North #10</u>																	
<u>8</u>	<u>North #4</u>																	
<u>850</u>	<u>North #8</u>																	
<u>10</u>	<u>North #1</u>																	
	<u>#2 Road</u>																	
	<u>#3 Road</u>																	

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Relinquished By: <u>Gary Smith</u>	Date: <u>11/31/11</u>	Received By: <u>Godi Henson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Relinquished By: _____	Date: _____	Received By: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Sample Condition: Cool Intact Yes No Yes No	CHECKED BY: <u>[Signature]</u>	REMARKS:	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>TNT Bookhouse</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>Gary Smith</u>		P.O. #:		chabrade only											
Address: <u>1703 North Roselawn</u>		Company: <u>Wood Oil</u>													
City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88213</u>		Attn: <u>Bibise Campenella</u>													
Phone #: <u>575-203-8000</u> Fax #:		Address:													
Project #: _____ Project Owner: <u>Wood Oil</u>		City: <u>Artesia</u>													
Project Name: <u>14 T-Bone Federal #1</u>		State: <u>NM</u> Zip: <u>88213</u>													
Project Location: <u>Eddy County</u>		Phone #:													
Sampler Name: <u>Gary Smith</u>		Fax #:													
FOR LAB USE ONLY				MATRIX				PRESERV		SAMPLING					
Lab I.D.	Sample I.D.	GRAB OR (COMP. # CONTAINERS)	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER:	DATE	TIME		
<u>H102401</u>												<u>11/31</u>	<u>12:00</u>		
<u>11</u>	<u>North West Battery #3</u>														
<u>12</u>	<u>South West Battery #1</u>														
<u>13</u>	<u>North West Battery #1</u>														
<u>14</u>	<u>#12 Road</u>														
<u>15</u>	<u>#14 Road</u>														
<u>16</u>	<u>North West Battery #2</u>														
<u>17</u>	<u>#10 Road</u>														
<u>18</u>	<u>South East Battery</u>														
<u>19</u>	<u>#7 Road</u>														
<u>20</u>	<u>North #3</u>														

PRIME TIME, Liability and Damages. Cardinal Quality and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or its agents or subcontractors or related to the performance of services rendered by Cardinal, regardless of what may be stated on any bill or invoice or any other correspondence or otherwise.

Relinquished By: <u>Gary Smith</u>	Date: <u>11/11</u>	Received By: <u>Lois Jensen</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>11:00</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: _____	Date: _____	Received By: _____	REMARKS:	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <u>[Signature]</u>		
Sampler: <u>UPS</u> - Bus - Other:	Cool <input type="checkbox"/> Intact <input type="checkbox"/>			
	Yes <input type="checkbox"/> No <input type="checkbox"/>			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

505-746-0807 FAX

Delineation samples: The samples were not put in proper order. Pages one through eight shows the samples ran at various depths, but none are in order. Eight through twenty-one is the final sample of each area showing when the chloride count was within the accepted range.

Judah Oil 2011
Oxy T-Bone Federal #1
660' FNL & 1980' FWL
Sec. 33 T18s R31 e
Eddy County NM

In an effort to make some order of the Lab results from Cardinal Lab, seeing that the samples were not turned in, in orderly manner, "my apology." Hopefully this will show the field delineation process that was taken. The samples were run with chloride strips and a silver nitrate test in the field, the final results were sent to Cardinal Lab for verification, showing the chloride count well below 1000ppm.

See map for visual as well as the results from cardinal Lab for the final result information.

Starting with the access road running east/west to location #1 s/w of battery continuing west on access road.

#1 - s/w of Battery: north of access road. Cardinal Lab at 4' (2400ppm) at 5-6" Cardinal Lab (2640ppm) chloride strip (1500ppm) at 7' Cardinal Lab (1960ppm) chloride strip (1500ppm) at 9' Cardinal Lab (1100ppm) chloride strip (1000ppm) at 11' Cardinal Lab (1380ppm) chloride strip (500ppm) at 12.5" Cardinal Lab (1220ppm) chloride strip (500 to 1000ppm) {silver-nitrate test 496.3} Note: this was as deep as we could go with backhoe.

There is a rock shelf at this depth keeping us from going deeper.

(Final result 1220ppm)

Update:

Note: at the request of Mike Bratcher with OCD; this was taken again using a Excavator seeing that we used a backhoe, that could not go deep enough – the sample was ran again on 12-21-2011 the final result at 14' (256ppm) according to Cardinal Lab. Again the lab result is enclosed with this report.

Update: There was some confusion as to the map, for example there were to many #3 and #9 this also was revised when sent in to be tested, this was know as #3 –s/w of road: north of access road. It is now #5; changes were also made on the map. Changes were also made at Cardinal Lab.

#5 - s/w of Battery: north of access road. Cardinal Lab at 4' (5760ppm) chloride strip (3000ppm) at 6' Cardinal Lab (736ppm) chloride strip (500ppm) at 8' Cardinal Lab (144ppm) chloride strip (0-ppm) {silver-nitrate test 70.9ppm}

(Final result 144ppm)

"C" east end of access road: in the center of the road. Cardinal Lab (128ppm) chloride strip (500ppm) at 4.5" Cardinal lab (80ppm) chloride strip (0-ppm) {silver-nitrate test 70ppm}

(Final result 80ppm)

"B" - middle of access road: in the center of road. Cardinal Lab at 4' (80ppm) chloride strip (0-ppm) {silver-nitrate test 70.9ppm}

(Final result (80ppm))

#4 - middle of access road to the south. Cardinal Lab at 3' (912ppm) chloride strip (1000ppm) at 6' (80ppm) chloride strip 0-ppm) {silver-nitrate test 0-ppm}

(Final result 80ppm)

#6 - middle section of access road to the south. Cardinal Lab at 3' (1620ppm) chloride strip (3000ppm) at 5.5" Cardinal Lab (720ppm) chloride strip (0 to 500ppm) at 8' Cardinal Lab: there was some mix up and this was not ran at Cardinal Lab.) {Silver-nitrate test at 8' was 70.9ppm}

(Final result 720ppm)

#8 - middle section of access road to the north. Cardinal Lab at 4' (11700ppm) chloride test (3000ppm) at 6' Cardinal Lab (2040ppm) chloride strip (2000ppm) at 7' Cardinal Lab (464ppm) chloride test (500ppm) {silver-nitrate test 283.6ppm}

Not: we hit rock shelf could not go deeper with backhoe.

(Final result 464ppm)

Update: At the request of Mike Bratcher with OCD an excavator was brought in to see how deep the chloride might have gone. The first samples were run with a backhoe, could not go deep enough. According to the Cardinal Lab result at 11' (496ppm) it was taken 12-21-2011.

#9 - middle section of access road to the north. Cardinal Lab at 4' (1170ppm) chloride strip (3000ppm) at 6' Cardinal Lab (2560ppm) chloride strip (2000ppm)

Note: for some reason at 7' the test was not run at Cardinal Lab. Chlorine strip (500ppm) {silver-nitrate test 141ppm}

(Final result 2560ppm)

#11 - North of road, right beside the access road. Cardinal Lab at 3' (1630ppm) chloride strip (1000ppm) at 6' Cardinal Lab (944ppm) chloride strip (500ppm) at 8' Cardinal Lab (192ppm) chloride strip (500ppm) {silver-nitrate test 70.9ppm}

(Final result 192ppm)

#12 - North of road, right off of access road. Cardinal Lab at 2' (224ppm) chloride strip (0-ppm) {silver-nitrate test 141.8ppm}

(Final result 224ppm)

#14 - North of road, right beside access road. Cardinal Lab at 2' (1720ppm) chloride strip (between 500 and 1000ppm) at 3.5" Cardinal Lab (304ppm) chloride strip (500ppm) {silver-nitrate test 212.7ppm}

(Final result 304ppm)

#15 – North of road. Cardinal Lab at 4' (3040ppm) chloride strip (3000ppm) at 5.5"
Cardinal Lab (1100ppm) chloride strip (2000ppm) at 6.5" Cardinal Lab (176ppm)
chloride strip (500ppm) {silver-nitrate test 141.8ppm}

(Final result 176ppm)

"A" - West end of access road, in middle of road. Cardinal Lab at 3.5" (880ppm) chloride
strip (500 to 1000ppm) at 4' Cardinal Lab (353ppm) chlorine strip (0 to 500ppm) {silver-
nitrate test 212.7}

(Final result 353ppm)

#3 – North of Battery in old pit. Cardinal Lab at 4' (752ppm) chloride strip (1000ppm) at
6' Cardinal Lab (576ppm) chloride strip (1000-ppm) at 8' Cardinal Lab (272ppm)
chloride strip (0 to 500ppm) {silver-nitrate test 141.8ppm}

(Final result 272ppm)

#4 – North of Battery in old pit. Cardinal Lab at 4' (1140ppm) chloride strip (1000ppm)
at 6' Cardinal Lab (<16.0ppm) {silver-nitrate test 0-ppm}

(Final result <16.0ppm)

Update: At the request of Mike Bratcher with OCD a bore rig was brought in and samples
were ran to see how deep the chloride might have gone. At 45' according to the chloride
strips it showed to be less than 500ppm, the silver nitrate test was 475ppm, when ran at
Cardinal Lab, the final result was 736ppm.

Also due to the confusion of to many sample areas having the same numbers this one was
changed to #2. Again these changes were also made at Cardinal Lab.

#5 – North of Battery in old pit. Cardinal Lab at 6' (3200ppm) chloride strip (2000 to
3000ppm) at 8' Cardinal Lab (4040ppm) chloride strip (3000ppm) at 10' Cardinal Lab
(14000ppm) at 12' Cardinal Lab (18200ppm) chloride strip (3000ppm) at 14' Cardinal
Lab (13500ppm) chloride strip (30000).

Note: this was as deep as we could go with backhoe, also this could be historical as well, seeing it is in the old pit area.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

November 16, 2011

GARY SMITH

TNT Backhoe Service

P.O. Box 133

Artesia, NM 88211

RE: T-BONE FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 11/10/11 16:16.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

TNT Backhoe Service
GARY SMITH
P.O. Box 133
Artesia NM, 88211
Fax To: (505) 746-1885

Received: 11/10/2011
Reported: 11/16/2011
Project Name: T-BONE FEDERAL #1
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 11/07/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

#11 ✓
Sample ID: #11-A N OF ROAD @3' (H102451-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 3'	<u>1630</u>	16.0	11/14/2011	ND	464	116	400	7.14	

#15-C ✓
Sample ID: #15-C- N OF ROAD @ 5-5" (H102451-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 5-5"	<u>1100</u>	16.0	11/14/2011	ND	432	108	400	3.64	

#1 SW ✓ *Batt*
Sample ID: #1 SW OF ROAD @ 4' (H102451-03)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 4'	<u>2400</u>	16.0	11/14/2011	ND	432	108	400	3.64	

#10 ✓
Sample ID: #6-A S SIDE OF ROAD @3' (H102451-04)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride 3'	<u>1620</u>	16.0	11/14/2011	ND	432	108	400	3.64	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TNT Backhoe Service
GARY SMITH
P.O. Box 133
Artesia NM, 88211
Fax To: (505) 746-1885

Received: 11/10/2011
Reported: 11/16/2011
Project Name: T-BONE FEDERAL #1
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 11/09/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

#3-53 ✓

Sample ID: #3 SW OF BATT @ 4' (H102451-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4' 5700	16.0	11/14/2011	ND	432	108	400	3.64		

#3 of 50 ✓

Sample ID: #3 SW OF BATT @ 6' (H102451-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6' 736	16.0	11/14/2011	ND	432	108	400	3.64		

#14 ✓

Sample ID: #14-A N OF ROAD @ 2' (H102451-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2' 1720	16.0	11/14/2011	ND	432	108	400	3.64		

#11 ✓

Sample ID: #11-B N OF ROAD @ 6' (H102451-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6' 944	16.0	11/14/2011	ND	432	108	400	3.64		

#9 * P/A ✓

Sample ID: #9-A PIT N OF BATT @ 6' (H102451-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	11/14/2011	ND	432	108	400	3.64		

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

 Received: 11/10/2011
 Reported: 11/16/2011
 Project Name: T-BONE FEDERAL #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/09/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

 #1 SW ✓
Sample ID: #1 SW OF BATT @ 5'6" (H102451-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	11/14/2011	ND	432	108	400	3.64		

 #9 N ✓
Sample ID: #9 N OF ROAD @ 4' (H102451-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1170	16.0	11/14/2011	ND	432	108	400	3.64		

 #9 N ✓
Sample ID: #8 N OF ROAD @ 6' (H102451-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	11/14/2011	ND	432	108	400	3.64		

 #8 N ✓
Sample ID: #8 N OF ROAD @ 4' (H102451-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11700	16.0	11/14/2011	ND	432	108	400	3.64		

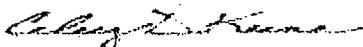
 #6 S ✓
Sample ID: #6-B S OF ROAD @ 5'5" (H102451-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	11/14/2011	ND	432	108	400	3.64		

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

 Received: 11/10/2011
 Reported: 11/15/2011
 Project Name: T-BONE FEDERAL #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/10/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

 #9 pit ✓
Sample ID: #9-E PIT N OF BATT @ 14' (H102451-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13500	16.0	11/14/2011	ND	432	108	400	3.64		

 #9 pit ✓
Sample ID: #9-C PIT N OF BATT @ 10' (H102451-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14600	16.0	11/14/2011	ND	432	108	400	3.64		

Deep as we could go with Backhoe

 #9 pit ✓
Sample ID: #9-D PIT N OF BATT @ 12' (H102451-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18200	16.0	11/14/2011	ND	432	108	400	3.64		

 #9 pit ✓
Sample ID: #9-B PIT N OF BATT @ 8' (H102451-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4040	16.0	11/14/2011	ND	432	108	400	3.64		

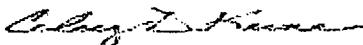
 #2 ✓
Sample ID: A-2 W END OF ROAD INSIDE @ 3.5' (H102451-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	11/14/2011	ND	432	108	400	3.64		

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Celsey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/10/2011	Sampling Date:	11/07/2011
Reported:	11/16/2011	Sampling Type:	Soil
Project Name:	T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

✓ #15-B

Sample ID: #15-B N SIDE OF ROAD @ 4' (H102451-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	11/14/2011	ND	432	108	400	3.64		

✓ #1 C

Sample ID: C- @ E END OF ROAD @ 2' (H102451-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/14/2011	ND	432	108	400	3.64		

✓ #1 SW

Sample ID: #1 SW OF BATT @ 9' (H102451-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	11/11/2011	ND	448	112	400	0.00		

✓ #1 SW

Sample ID: #1 SW OF BATT @ 7' (H102451-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1980	16.0	11/11/2011	ND	448	112	400	0.00		

✓ #1 SW

Sample ID: #1 SW OF BATTERY @ 11' (H102451-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	11/11/2011	ND	448	112	400	0.00		

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Cooley D. Keene

Cooley D. Keene, Lab Director/Quality Manager

Analytical Results For:

TNT Backhoe Service
GARY SMITH
P.O. Box 133
Artesia NM, 88211
Fax To: (505) 746-1885

Received:	11/10/2011	Sampling Date:	11/07/2011
Reported:	11/16/2011	Sampling Type:	Soil
Project Name:	T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

#4-A-
South

Sample ID: #4-A S SIDE OF ROAD @ 3' (H102451-25)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	11/11/2011	ND	448	112	400	0.00		

#4-A-
Ditch

Sample ID: #4-A N OF BATTERY @ 4'-PIT (H102451-26)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	11/14/2011	ND	463	116	400	3.29		

#3-A
PIT

Sample ID: #3-A PIT N OF BATT @ 4' (H102451-27)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	11/14/2011	ND	463	116	400	3.29		

#3-B
PIT

Sample ID: #3-B PIT N OF BATT @ 6' (H102451-28)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/14/2011	ND	463	116	400	3.29		

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TNT Backhoe Service
GARY SMITH
P.O. Box 133
Artesia NM, 88211
Fax To: (505) 746-1885

Received:	11/10/2011	Sampling Date:	11/09/2011
Reported:	11/16/2011	Sampling Type:	Soil
Project Name:	T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

#1 SW ✓

Sample ID: #1 SW OF BATT @ 12.5' (H102451-30)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2011	ND	2.02	101	2.00	2.54		
Toluene*	<0.050	0.050	11/11/2011	ND	2.02	101	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/11/2011	ND	2.24	112	2.00	2.22		
Total Xylenes*	<0.150	0.150	11/11/2011	ND	6.45	108	6.00	1.97		

Surrogate: 4-Bromofluorobenzene (PIL) 98.2% 70.7-118

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	11/14/2011	ND	463	116	400	3.29		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/15/2011	ND	183	91.6	200	7.83		
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	185	92.4	200	12.2		

Surrogate: 1-Chlorooctane 59.2% 55.5-154

Surrogate: 1-Chlorooctadecane 72.6% 57.6-158

As deep as we could go!

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

 Received: 11/10/2011
 Reported: 11/16/2011
 Project Name: T-BONE FEDERAL #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/07/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

 #9 N ✓
Sample ID: #9 N OF ROAD @ 6' (H102451-31)

BTEX 80218		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2011	ND	2.02	101	2.00	2.34		
Toluene*	<0.050	0.050	11/11/2011	ND	2.02	101	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/11/2011	ND	2.24	112	2.00	2.22		
Total Xylenes*	<0.150	0.150	11/11/2011	ND	6.45	108	6.00	1.97		

Surrogate: 4-Bromofluorobenzene (PIL) 99.4 % 70.7-118

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	11/14/2011	ND	163	116	400	3.29		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GR0 C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4.20		
DR0 >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29		

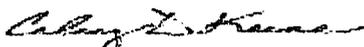
Surrogate: 1-Chlorooctane 121 % 55.5-154

Surrogate: 1-Chlorooctadecane 145 % 57.6-158

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Analytical Results For:

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 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/10/2011	Sampling Date:	11/07/2011
Reported:	11/16/2011	Sampling Type:	Soil
Project Name:	T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: #15-A N OF ROAD @ 6.5' (H102451-33)

BTEX 802LB		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2011	ND	2.02	101	2.00	2.54	
Toluene*	<0.050	0.050	11/11/2011	ND	2.02	101	2.00	4.88	
Ethylbenzene*	<0.050	0.050	11/11/2011	ND	2.24	112	2.00	2.22	
Total Xylenes*	<0.150	0.150	11/11/2011	ND	6.45	108	6.00	1.97	

Surrogate: 4-Bromofluorobenzene (PIL) 97.7% 70.7-118

Chloride, SM4500C-D		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/14/2011	ND	463	116	400	3.29	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4.20	
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29	

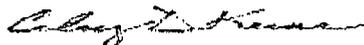
Surrogate: 1-Chlorooctane 116% 55.5-154

Surrogate: 1-Chlorooctadecane 140% 57.6-158

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Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

 Received: 11/10/2011
 Reported: 11/16/2011
 Project Name: T-BONE FEDERAL #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/07/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: #12 N OF ROAD @ 2' (H102451-34)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	2.54		
Toluene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/14/2011	ND	2.24	112	2.00	2.22		
Total xylenes*	<0.150	0.150	11/14/2011	ND	6.45	108	6.00	1.97		

Surrogate: 4-Bromofluorobenzene (PIL) 97.6 % 70.7-118

Chloride, SM4500C-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	11/14/2011	ND	463	116	400	3.29		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4.20		
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29		

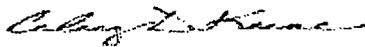
Surrogate: 1-Chlorooctane 130 % 55.5-134

Surrogate: 1-Chlorooctadecane 153 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

 Received: 11/10/2011
 Reported: 11/16/2011
 Project Name: T-BONE FEDERAL #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/10/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

 #3-C
 N/A

Sample ID: #3-C PIT @ 8' (H102451-35)

BTEX 80210		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	2.54		
Toluene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/14/2011	ND	2.24	112	2.00	2.22		
Total Xylenes*	<0.150	0.150	11/14/2011	ND	6.45	108	6.00	1.97		

Surrogate: 4-Bromofluorobenzene (PII) 104 % 70.7-118

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	11/14/2011	ND	463	116	400	3.29		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	1.20		
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29		

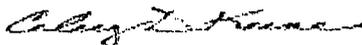
Surrogate: 1-Chlorooctane 163 % 55.5-154

Surrogate: 1-Chlorooctadecane 193 % 57.6-158

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Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/10/2011	Sampling Date:	11/07/2011
Reported:	11/16/2011	Sampling Type:	Soil
Project Name:	T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

#14 ✓

Sample ID: #14-B N OF ROAD @ 3.5' (H102451-36)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	2.54		
Toluene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/14/2011	ND	2.24	112	2.00	2.22		
Total Xylenes*	<0.150	0.150	11/14/2011	ND	6.45	108	6.00	1.97		

Surrogate: 4-Bromofluorobenzene (FIE) 95.0 % 70.7-118

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/14/2011	ND	463	116	400	3.29		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4.20		
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29		

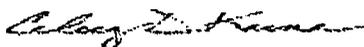
Surrogate: 1-Chlorooctane 124 % 55.5-154

Surrogate: 1-Chlorooctadecane 146 % 57.6-158

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Celestine Keene, Lab Director/Quality Manager

Analytical Results For:

< Less than

TNT Backhoe Service
GARY SMITH
P.O. Box 133
Artesia NM, 88211
Fax To: (505) 746-1885

ND - No detect

Received:	11/10/2011	Sampling Date:	11/07/2011
Reported:	11/16/2011	Sampling Type:	Soil
Project Name:	T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

*#11
OK ✓*

Sample ID: #11-C N OF ROAD @ 8' (H102451-37) *ppm*

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	2.54		
Toluene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/14/2011	ND	2.24	112	2.00	2.22		
Total Xylenes*	<0.150	0.150	11/14/2011	ND	6.45	108	6.00	1.97		

Surrogate: 4-Bromofluorobenzene (PIL) 98.6 % 70.7-118

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<i>Good</i> 192	16.0	11/14/2011	ND	463	116	400	3.29		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4.20		
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29		

Surrogate: 1-Chlorooctane 143 % 55.5-154

Surrogate: 1-Chlorooctadecane 170 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/10/2011	Sampling Date:	11/07/2011
Reported:	11/16/2011	Sampling Type:	Soil
Project Name:	T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

B-Mid
Sample ID: B- MIDDLE OF ROAD @ 4' (H102451-38)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	2.54		
Toluene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/14/2011	ND	2.24	112	2.00	2.22		
Total Xylenes*	<0.150	0.150	11/14/2011	ND	6.45	108	6.00	1.97		

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 70.7-118

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/14/2011	ND	463	116	400	3.29		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4.20		
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29		

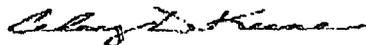
Surrogate: 1-Chlorooctane 155 % 53.5-154

Surrogate: 1-Chlorooctadecane 177 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and claims exclusion hereby for any other testing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing, and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for indirect or consequential damages, penalties, without limitation, business interruptions, loss of use, or loss of profit incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated portions or otherwise. Results (only) apply to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

 Received: 11/10/2011
 Reported: 11/16/2011
 Project Name: T-BONE FEDERAL #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/10/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: #4-B PIT N OF BATT (H10245A-39) A+G

BTEX 80218		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2011	ND	1.93	98.4	2.00	2.90		
Toluene*	<0.050	0.050	11/14/2011	ND	1.86	92.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	11/14/2011	ND	2.11	105	2.00	4.96		
Total Xylenes*	<0.150	0.150	11/14/2011	ND	6.10	102	6.00	5.24		

Surrogate: 4-Bromofluorobenzene (PIE) 105% 70.7-118

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/14/2011	ND	463	116	400	3.29		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4.20		
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29		

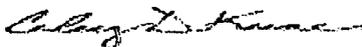
Surrogate: 1-Chlorooctane 149% 55.5-154

Surrogate: 1-Chlorooctadecane 187% 57.6-158

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liberty and Company, Cardinal's facility and clients exclude liability for any claim arising, whether based in contract or tort, that is limited to the amount paid by them for analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clients or subsidiaries, affiliates or successors arising out of or related to the performance of the services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated portions or otherwise. Results reflect only 130 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	11/10/2011	Sampling Date:	11/07/2011
Reported:	11/16/2011	Sampling Type:	Soil
Project Name:	T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

A-2

Sample ID: A-MIDDLE OF ROAD @ 4' (H102451-40)

BTEX 80218		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2011	ND	1.93	96.4	2.00	2.90		
Toluene*	<0.050	0.050	11/14/2011	ND	1.86	92.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	11/14/2011	ND	2.11	105	2.00	4.96		
Total Xylenes*	<0.150	0.150	11/14/2011	ND	6.10	102	6.00	5.24		

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 70.7-118

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	11/14/2011	ND	463	116	400	3.29		

TPM 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4.20		
DRO >C10-C28	<10.0	10.0	11/15/2011	ND	204	102	200	6.29		

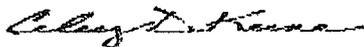
Surrogate: 1-Chlorooctane 134 % 55.5-154

Surrogate: 1-Chlorooctadecane 159 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and ability to render any claim arising, whether based in contract or tort, and its interest in the amount paid by client for analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the analytical service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

505-746-0807 FAX

**#2 Formally Known as #9 North of
Battery.**

Sample ID:

**This is the Cardinal Lab Results
Taken again for MR. Bratcher, to see
how deep the spill went with a Bore Rig,
because the Track Hoe could not go deep
enough the first samples ran.**

**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

505-746-0807 FAX

#1 S/W of Battery/#9 North of Battery.

Sample ID:

**This is the Cardinal Lab Results
Taken again for MR. Bratcher, to see
how deep the spill went on these two
locations. Could not go deep enough
with Backhoe so we brought in a
Trackhoe.**



December 27, 2011

GARY SMITH

TNT Backhoe Service

P.O. Box 133

Artesia, NM 88211

RE: OXY T-BONE FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 12/22/11 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/fair/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TNT Backhoe Service
 GARY SMITH
 P.O. Box 133
 Artesia NM, 88211
 Fax To: (505) 746-1885

Received:	12/22/2011	Sampling Date:	12/21/2011
Reported:	12/27/2011	Sampling Type:	Soil
Project Name:	OXY T-BONE FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: #1 S/W OF BATTERY (H102772-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride <i>AT-14'</i>	256	16.0	12/27/2011	ND	464	116	400	3.51		

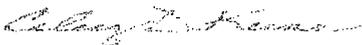
Sample ID: #9 NORTH OF ROAD (H102772-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride <i>AT-11'</i>	496	16.0	12/27/2011	ND	464	116	400	3.51		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

From: Jodi Henson
To: martinboys@pvtnetworks.net
Date: Tuesday, January 03, 2012 8:19:29 AM
Subject: H102451, H102777

[H102772 JUDAH.pdf](#), [H102451 TNT.pdf](#)

Gary,

I wasn't sure which one of these you needed so I sent both. Let me know if you need anything else.

Jodi

February 9, 2012

Gary Smith
Judah Oil
1703 North Roselawn
Artesia, NM 88210

Re: Oxy T-Bone Federal #1

Enclosed are the results of analyses for samples received by the laboratory on 02/02/12 14:41.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

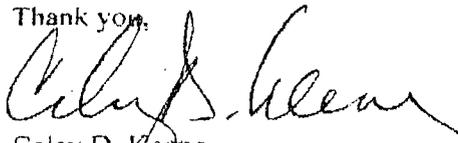
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Thank you,



Celey D. Keene
Laboratory Director/Quality Manager

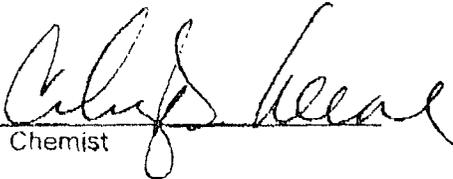
ANALYTICAL RESULTS FOR
JUDAH OIL
ATTN: GARY SMITH
1703 NORTH ROSELAWN
ARTESIA, NM 88210

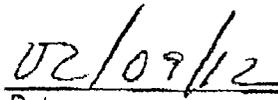
Receiving Date: 02/02/12
Reporting Date: 02/09/12
Project Owner: JUDAH OIL
Project Name: OXY T-BONE FEDERAL #1
Project Location: NOT GIVEN

Analysis Date: 02/06/12
Sampling Date: 02/01/12
Sample Type: SOIL
Sample Condition: INTACT @10°C
Sample Received By: AM
Analyzed By: AP

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H200265-1	#2 AT 45'	736
Quality Control		416
True Value QC		400
% Recovery		104
Relative Percent Difference		3.9

METHOD: Standard Methods 4500-ClB
Note: Analysis performed on a 1:4 w:v aqueous extract.


Chemist


Date

H200265 Judah Oil

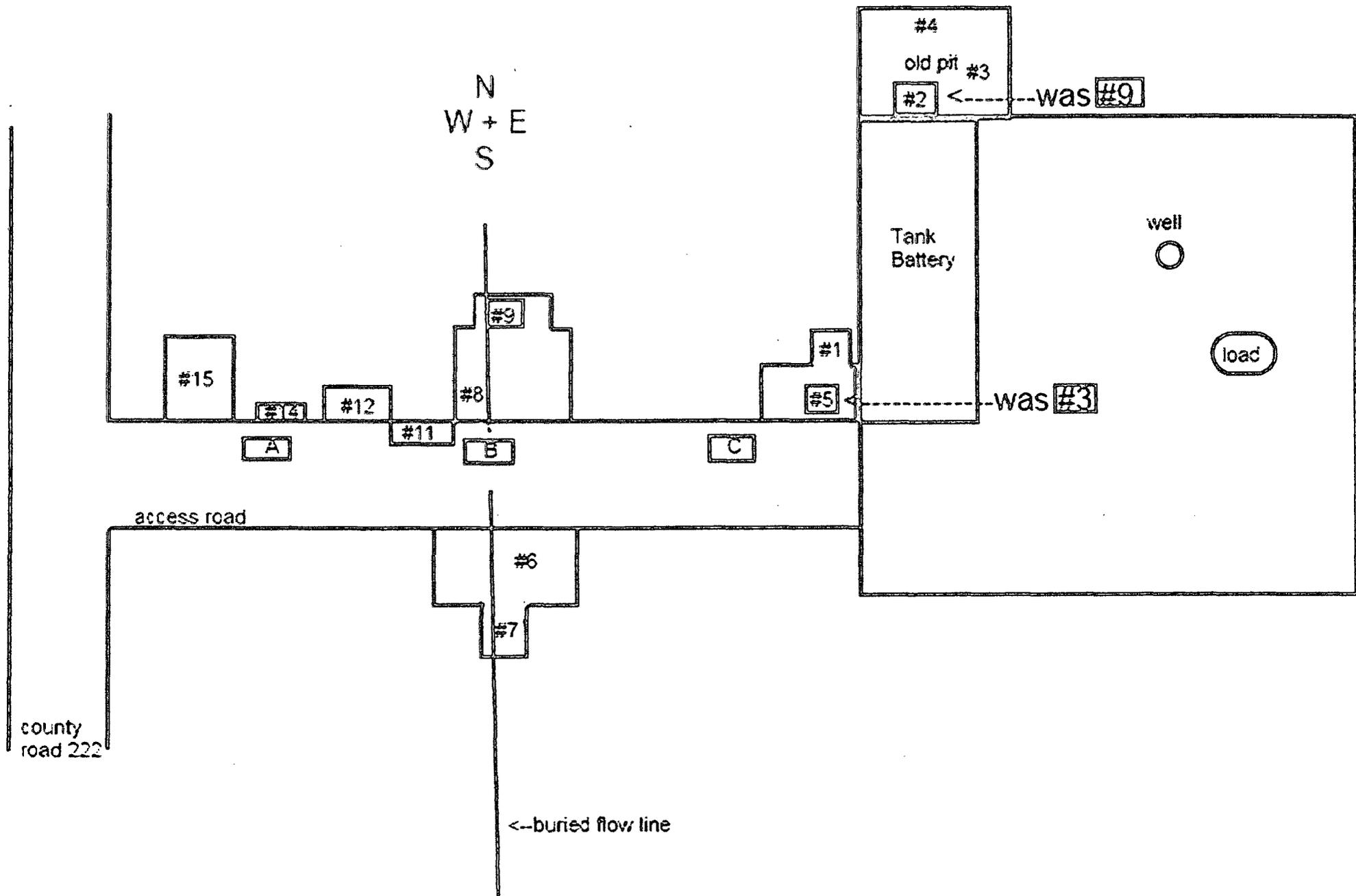
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505-365-7827
505-365-7634**

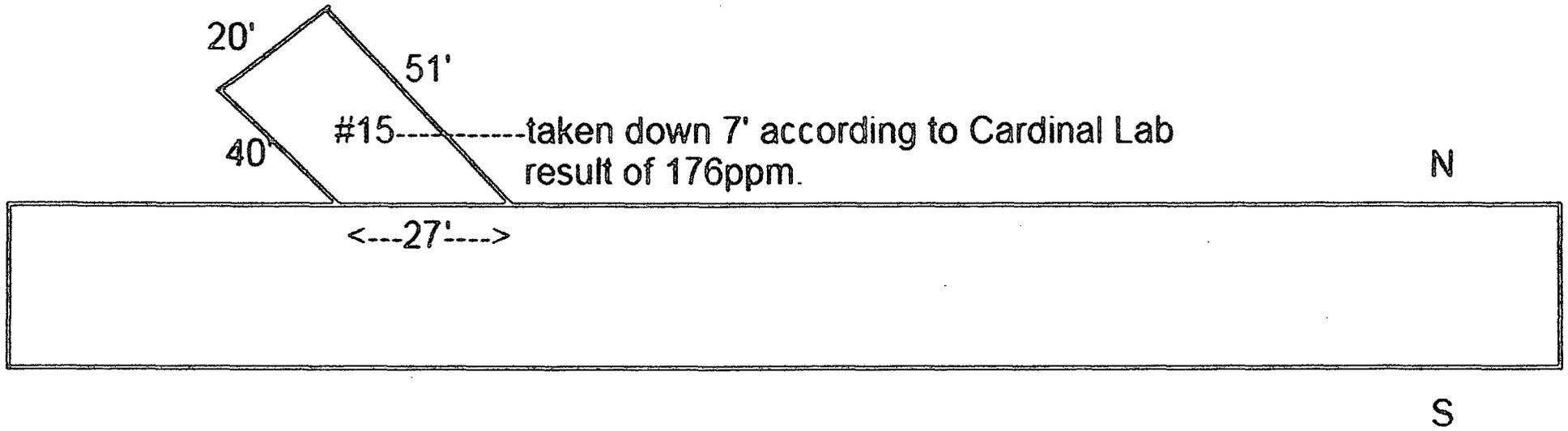
505-746-0807 FAX

Maps of each location, the depth each was taken down and the Cardinal Lab Results as to why it was taken down to that depth.

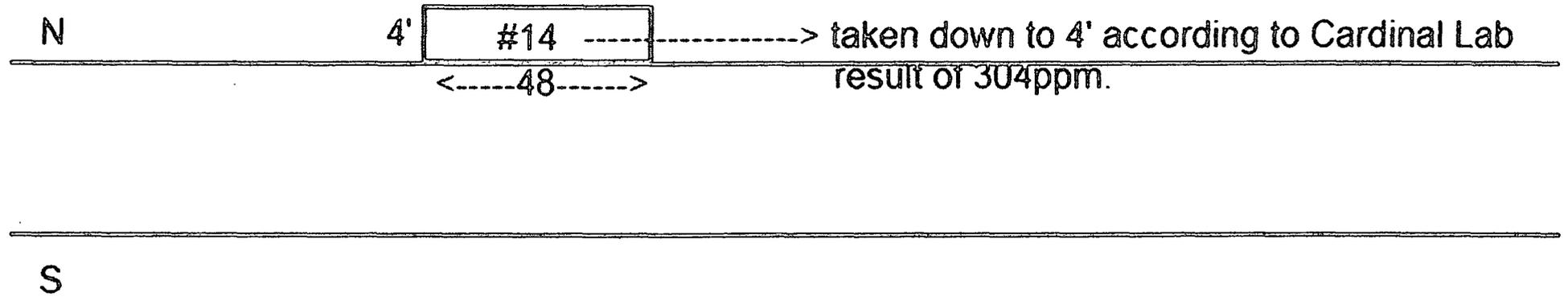
juan on 2011
y T-Bone Federal #1
(pill) samples ran in field
en sent to cardinal lab. 11-10-11



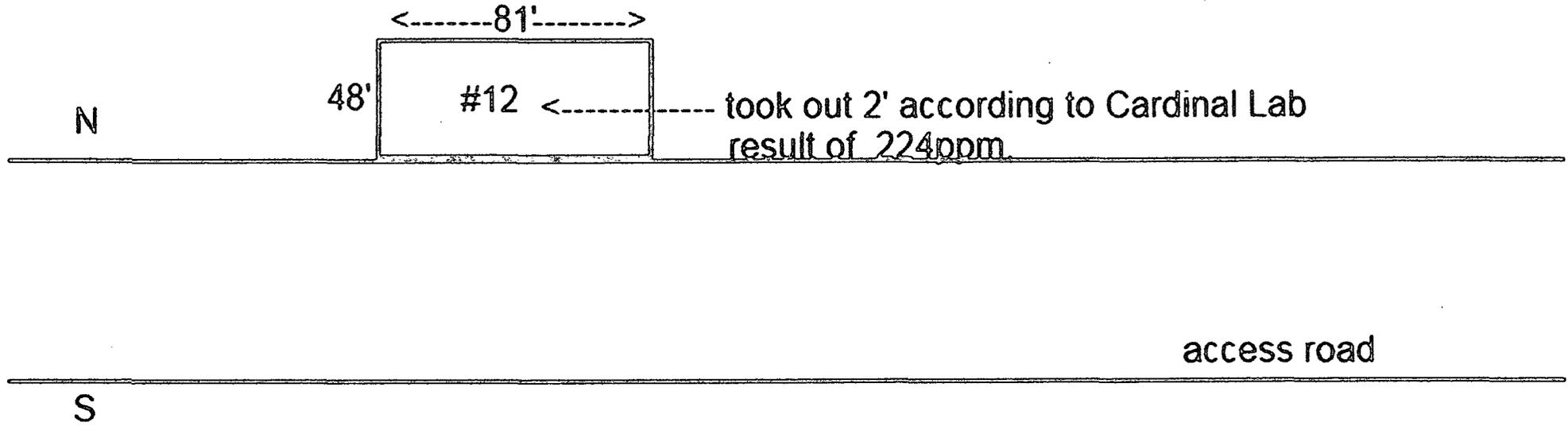
XY T-Bone Fed #1
North of road #15



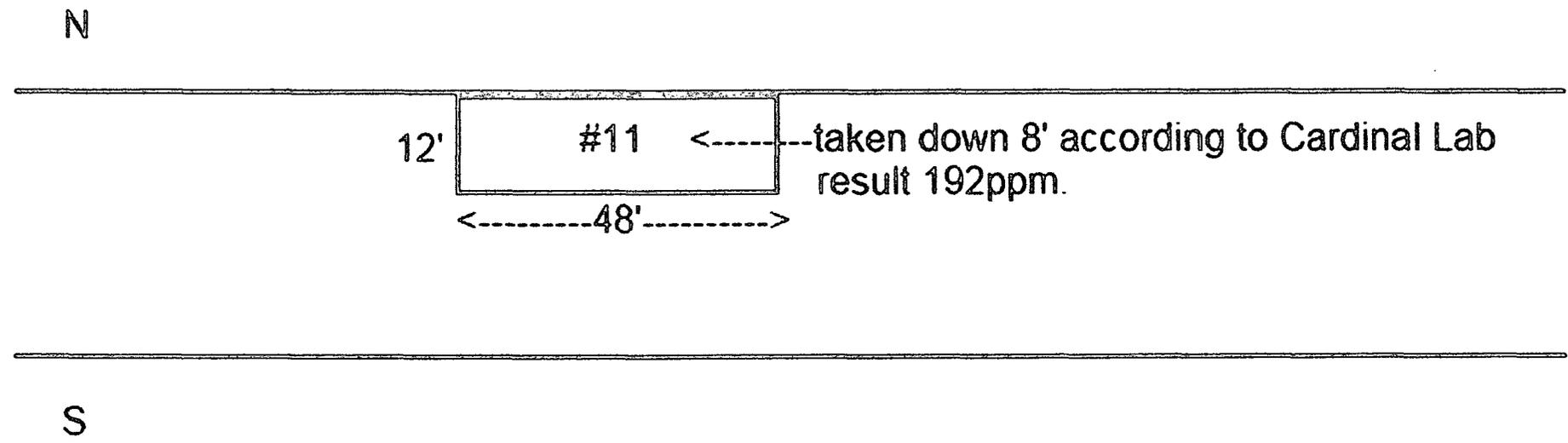
XY T-Bone Fed #1
North of road #14.



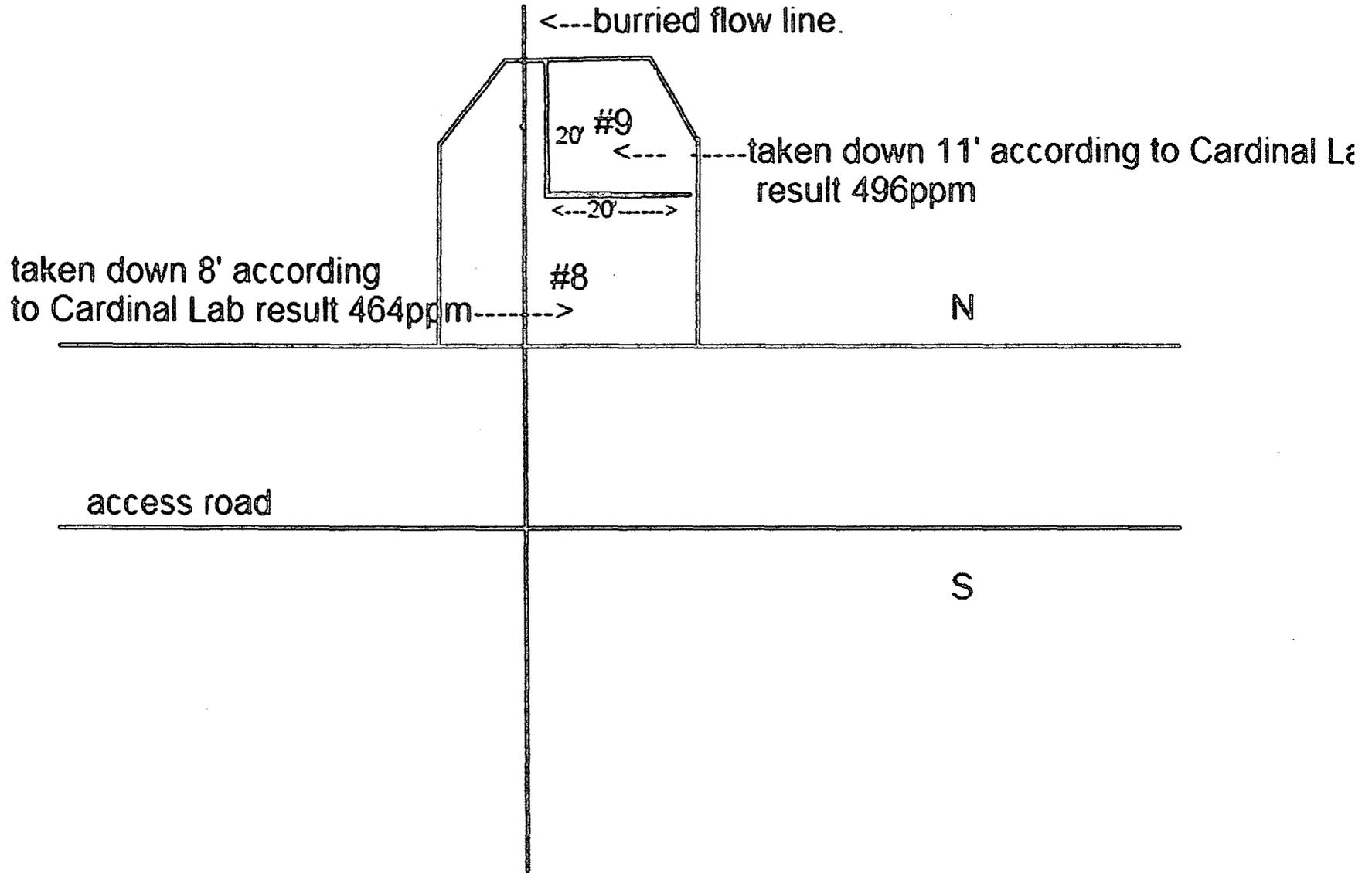
DXY T-Bone Fed #1
North of road #12



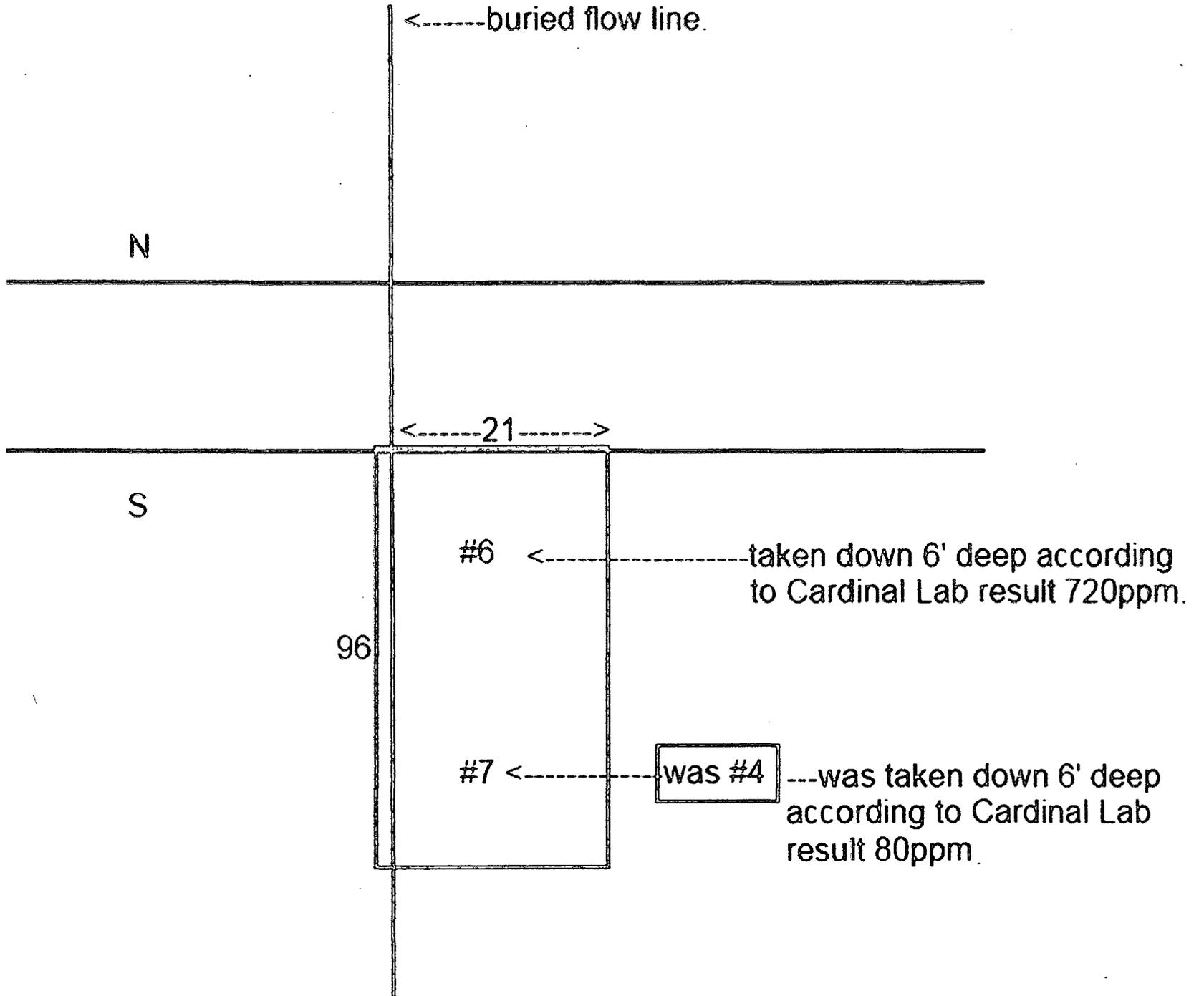
XY T-Bone Federal #1
North of access road #11



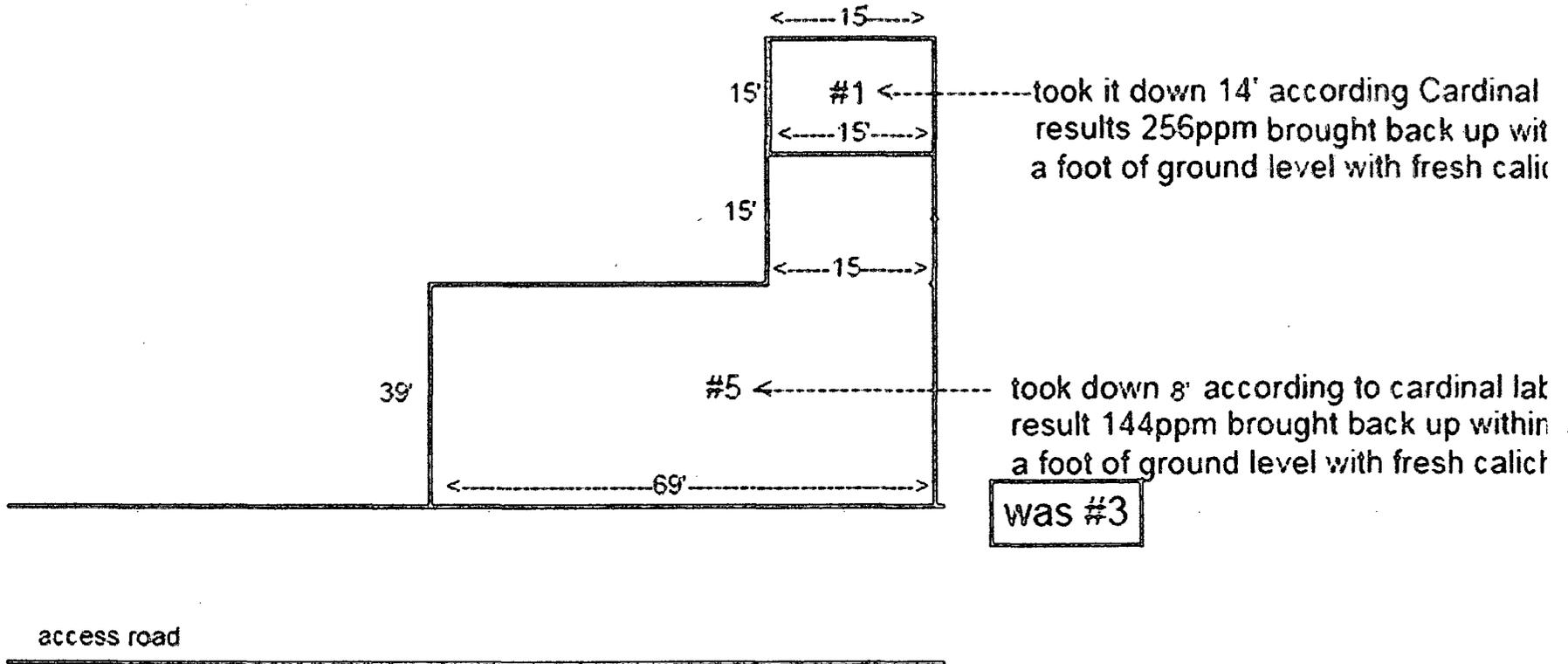
XY T-Bone Fed #1
Middle Section North.



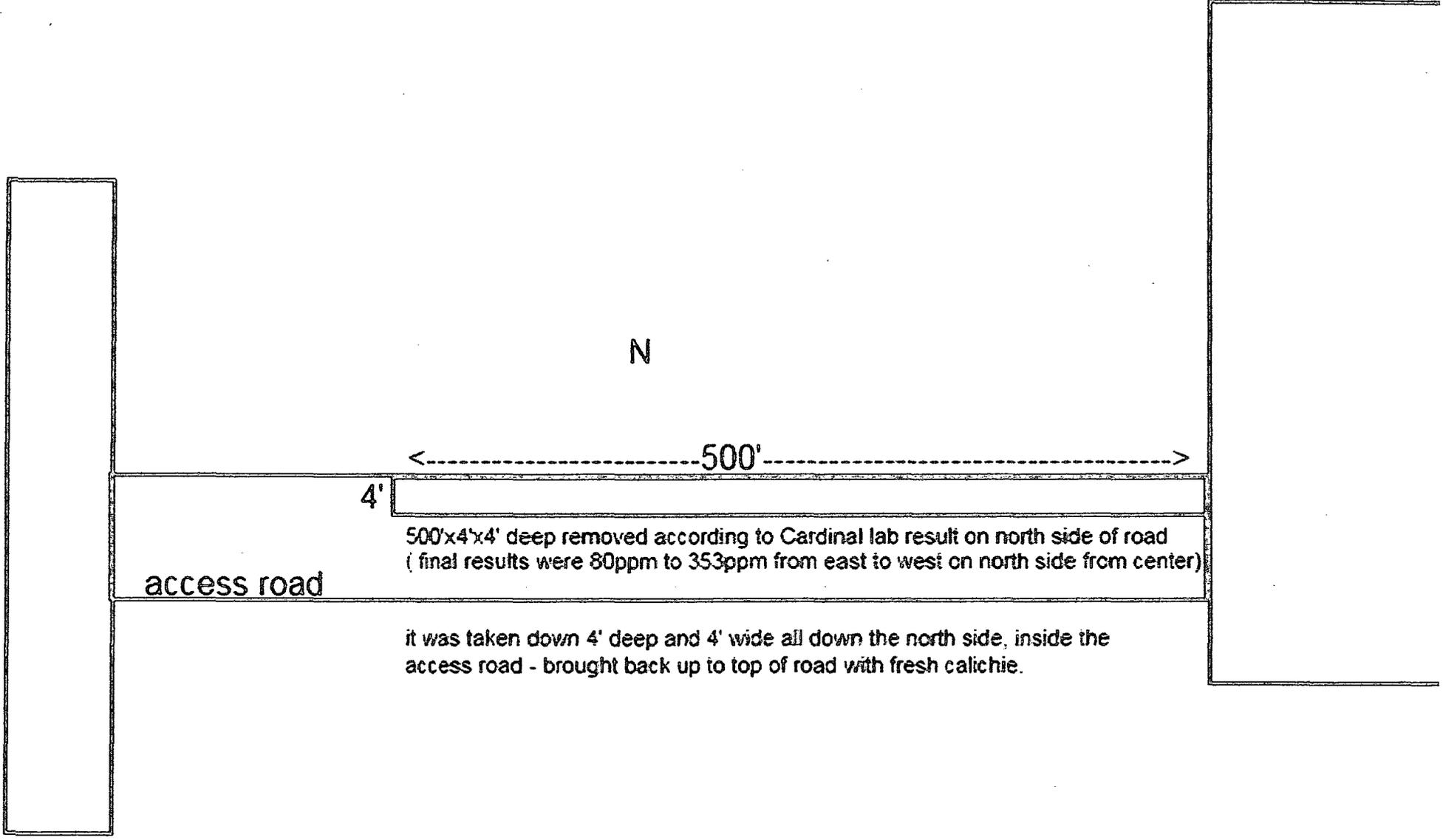
oxy T- Bone Fed #1
Middle section South.



oxy T-Bone south west of Battery



y T-Bone Federal #1 access road north side.



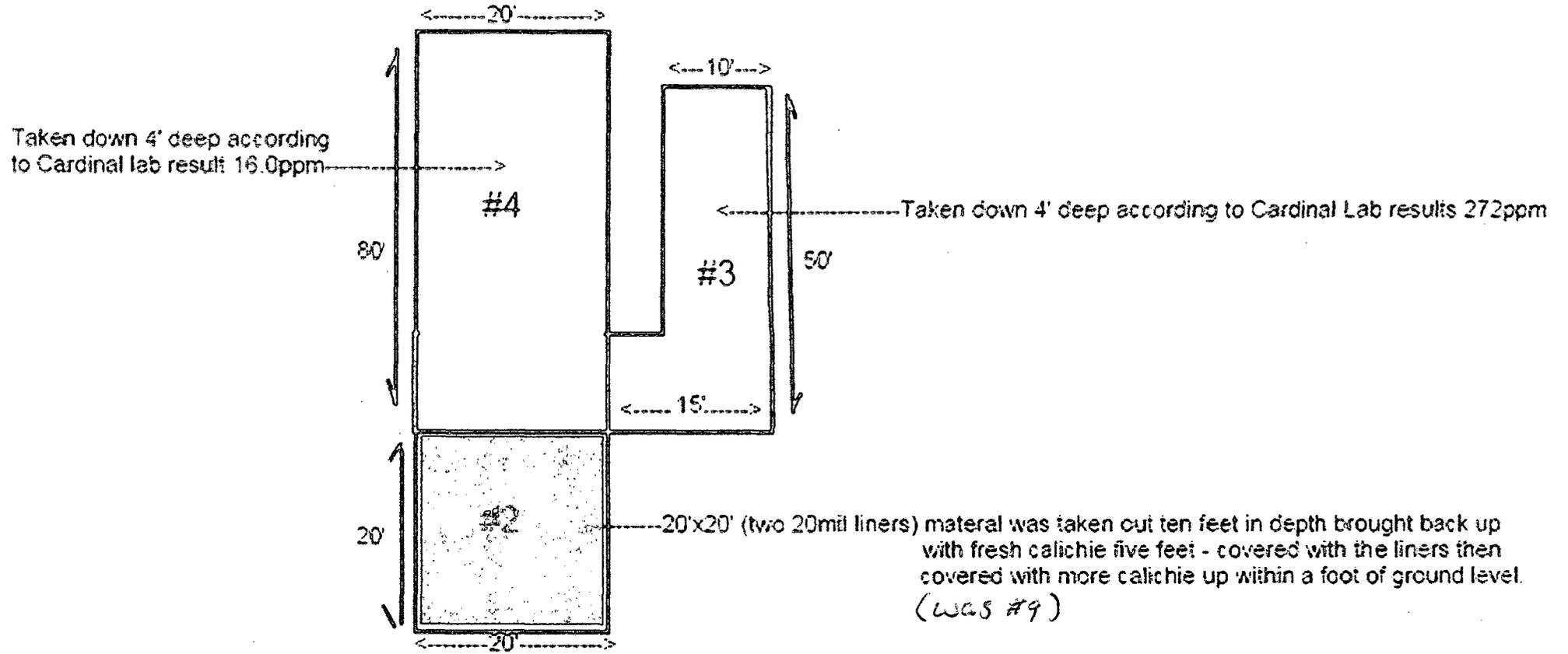
4'

<-----500'----->

access road

500'x4'x4' deep removed according to Cardinal lab result on north side of road
(final results were 80ppm to 353ppm from east to west on north side from center)

it was taken down 4' deep and 4' wide all down the north side, inside the
access road - brought back up to top of road with fresh caliche.

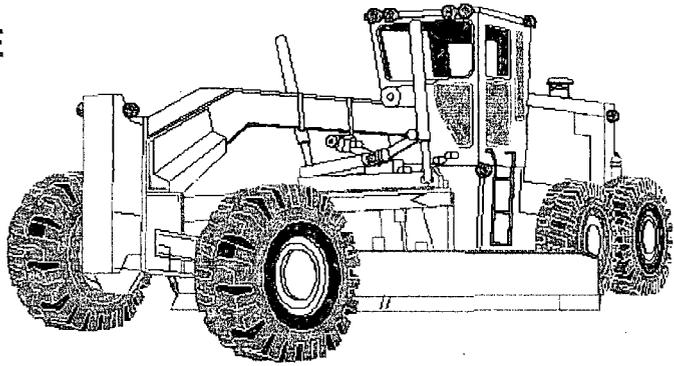


**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

505-746-0807 FAX

NM Caliche Material Information.

NEW MEXICO STATE LAND OFFICE
CALICHE MATERIAL PURCHASE
Royalty Report



COMPLETE, SIGN, AND RETURN THIS FORM WITH
YOUR ROYALTY PAYMENT

TO: NEW MEXICO STATE LAND OFFICE
HOBBS FIELD OFFICE
2827 N. DAL PASO, SUITE 117
HOBBS, NEW MEXICO 88240

DATE 02/10/12

PERMIT NO. CO 4068

EXPIRATION DATE 02/24/12

PERMITTEE TNT Backhoe Services

ROYALTY DUE DATE 02/10/12

PIT NO. 477

INST.: C. S.

PURCHASER:

NAME TNT Backhoe Servies

PHONE # (505) 365-7827

ADDRESS P.O. Box 133

Artesia NM 88211

MATERIAL:

TYPE: Caliche

AMOUNT USED: 1000

UNIT COST: 1.25

ESTIMATED CUBIC YARDS: 1000

TOTAL COST: 1,250.00

TONS: _____

MATERIAL SOURCE:

SECTION 2 TOWNSHIP 19S RANGE 31E SUBDIVISION SW4SW4

MATERIAL USE: WELL PAD / ROAD CONSTRUCTION

OPERATOR JUDAH OIL

WELL NAME T-BONE FED 31

WELL LOCATION SEC 33 TWP 18S RGE 31E SUBDIVISION _____

OTHER USE:

LOCATION: SEC _____ TWP _____ RGE _____

FOR WHOM FURNISHED: _____

SIGNATURE _____

NEW MEXICO STATE LAND OFFICE

CALICHE MINING PERMIT NO. CO 4038

THIS AGREEMENT, dated this 10th day of January 20 12, made and entered into between the STATE OF NEW MEXICO, acting by and through the undersigned, its COMMISSIONER OF PUBLIC LANDS, hereinafter called the "Commissioner," and TNT BACKHOE SERVICES hereinafter called the "Permittee,"

WITNESSETH, the Commissioner in consideration of the payment of the sum of thirty dollars (\$30.00) as an application fee, receipt of which is hereby acknowledged, together with the submission of the written application, agrees to and hereby does convey and grant to the permittee the non-exclusive right and privilege to, at any and all times during the term hereinafter provided for, enter upon, explore, produce and remove caliche from the following described real property situated in the county of Eddy, New Mexico.

<u>INSTITUTION</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SUBDIVISION</u>	<u>ACRES</u>
C. S.	2	19S	31E	SW4SW4	40.00

Pit Site No. 477

TO HAVE AND TO HOLD said land and pit sit for a term of 15 days beginning from the date first written above and ending 1/24/12, subject to the terms and conditions set out in Attachment A, and by reference is made a part hereof.

IN WITNESS WHEREOF, the state of New Mexico has hereunto signed and caused its name to be signed by its Commissioner of Public Lands thereunto duly authorized, with the seal of his office affixed, and the Permittee has signed this agreement to be effective the day and year first written above.

SEAL

STATE OF NEW MEXICO
Ray Powell
COMMISSIONER OF PUBLIC LANDS

EXECUTED IN TRIPLICATE

Ray Smith
PERMITTEE

SUBSCRIBED AND SWORN to before me this 10th day of January 20 12

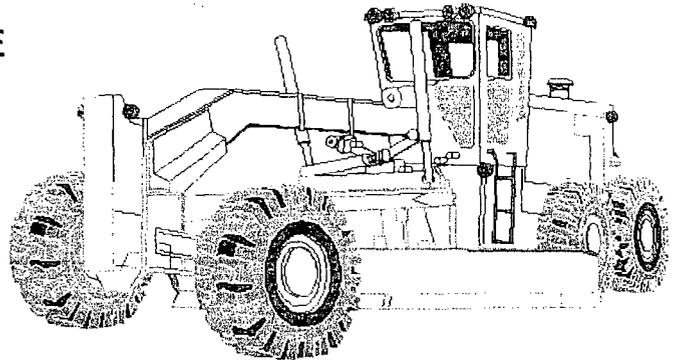
My commission expires:

June 8, 2015

Tommy Hone
NOTARY PUBLIC

This permit must be in the possession of permittee or agent at the pit location during extraction.

NEW MEXICO STATE LAND OFFICE
CALICHE MATERIAL PURCHASE
Royalty Report



COMPLETE, SIGN, AND RETURN THIS FORM WITH
YOUR ROYALTY PAYMENT

TO: NEW MEXICO STATE LAND OFFICE
HOBBS FIELD OFFICE
2827 N. DAL PASO, SUITE 117
HOBBS, NEW MEXICO 88240

DATE 01/27/12

PERMIT NO. CO 4054

EXPIRATION DATE 02/10/12

PERMITTEE TNT Backhoe Services

ROYALTY DUE DATE 01/27/12

PIT NO. 477

INST.: C. S.

PURCHASER:

NAME TNT Backhoe Servies

PHONE # (505) 365-7827

ADDRESS P.O. Box 133
Artesia NM 88211

MATERIAL:

TYPE: Caliche

AMOUNT USED: 1000

UNIT COST: 1.25

ESTIMATED CUBIC YARDS: 1000

TOTAL COST: 1,250.00

TONS: _____

MATERIAL SOURCE:

SECTION 2 TOWNSHIP 19S RANGE 31E SUBDIVISION SW4SW4

MATERIAL USE: WELL PAD / ROAD CONSTRUCTION

OPERATOR JUDAH OIL

WELL NAME T-BONE FED 31

WELL LOCATION SEC 33 TWP 18S RGE 31E SUBDIVISION _____

OTHER USE:

LOCATION: SEC _____ TWP _____ RGE _____

FOR WHOM FURNISHED: _____

SIGNATURE _____

NEW MEXICO STATE LAND OFFICE

CALICHE MINING PERMIT NO. CO 4054

THIS AGREEMENT, dated this 27th day of January 20 12, made and entered into between the STATE OF NEW MEXICO, acting by and through the undersigned, its COMMISSIONER OF PUBLIC LANDS, hereinafter called the "Commissioner," and TNT BACKHOE SERVICES hereinafter called the "Permittee,"

WITNESSETH, the Commissioner in consideration of the payment of the sum of thirty dollars (\$30.00) as an application fee, receipt of which is hereby acknowledged, together with the submission of the written application, agrees to and hereby does convey and grant to the permittee the non-exclusive right and privilege to, at any and all times during the term hereinafter provided for, enter upon, explore, produce and remove caliche from the following described real property situated in the county of Eddy, New Mexico.

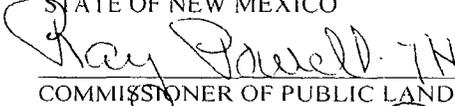
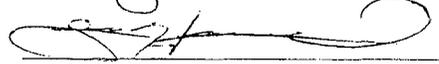
<u>INSTITUTION</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SUBDIVISION</u>	<u>ACRES</u>
C. S.	2	19S	31E	SW4SW4	40.00

Pit Site No. 477

TO HAVE AND TO HOLD said land and pit sit for a term of 15 days beginning from the date first written above and ending 2/10/12, subject to the terms and conditions set out in Attachment A, and by reference is made a part hereof.

IN WITNESS WHEREOF, the state of New Mexico has hereunto signed and caused its name to be signed by its Commissioner of Public Lands thereunto duly authorized, with the seal of his office affixed, and the Permittee has signed this agreement to be effective the day and year first written above.

SEAL

STATE OF NEW MEXICO

 COMMISSIONER OF PUBLIC LANDS

 PERMITTEE

EXECUTED IN TRIPLICATE

SUBSCRIBED AND SWORN to before me this 27th day of January 20 12

My commission expires:

June 8, 2015


 NOTARY PUBLIC

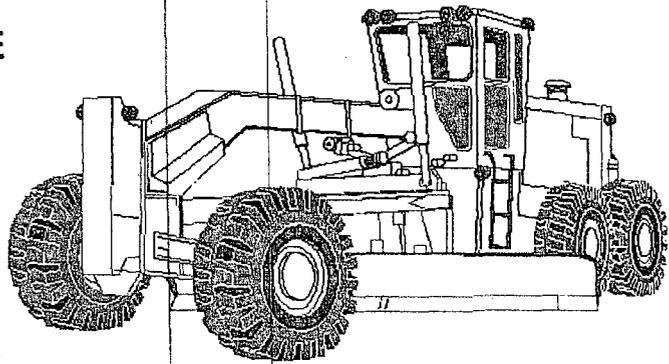
This permit must be in the possession of permittee or agent at the pit location during extraction.

ATTACHMENT A

TERMS AND CONDITIONS OF CALICHE PERMIT NO. CO 4054

- 1) The Permittee agrees to pay to the Commissioner as royalty a sum equal to the step scale royalty set out in the Rules and Regulations for each and every cubic yard of mineral material removed from the pit site. The Permittee shall pay (if applicable) the sum of ten percent (10%) of the total estimated royalty due prior to the execution of this agreement, with the remaining balance due within thirty (30) days after termination of the permit.
- 2) The Permittee, with the consent of the Commissioner, may at any time surrender or relinquish this permit to the Commissioner; provided, however, that no relinquishment shall be approved or recognized by the Commissioner where the royalties have not been paid or the permit is not otherwise in good standing.
- 3) This permit is nonassignable. Transfers thereof are to be made by relinquishments to the Commissioner. The Commissioner may revoke this permit at any time for violation of any of the terms and conditions thereof.
- 4) The Commissioner shall have the right to inspect all records, books or accounts pertaining to mining, extraction, transportation and returns of materials taken from the lands.
- 5) The Permittee shall post and maintain signs at all vehicular entrances to pits and excavations advising as to state ownership and warning against trespass.
- 6) Before the Permittee shall commence development or operation upon the lands embraced herein, he shall execute and file with the Commissioner a damage bond in an amount of \$ Advanced Royalty in favor of the state of New Mexico, for the benefit of the Commissioner, its surface leasee, patentee or contract purchaser, to secure the payment of such damage to the range, livestock, water, crops or other tangible improvements on the lands as may be suffered by reason of development, use and occupation of the lands by the said Permittee, and the Permittee shall be liable and agree to pay for all such damages to the range, livestock, water, growing crops, or other tangible improvements upon the land. In addition, the Permittee shall execute a performance bond of not less than two thousand dollars (\$2,000) when the total estimated royalty exceeds two thousand dollars (\$2,000). An advance royalty of not less than ten percent (10%) of the estimated royalty to be paid may be tendered in lieu of the performance bond. This bond shall serve to guarantee payment of royalties to become due under this permit, and to ensure compliance with all other permit provisions.
- 7) This permit is made subject to all the provisions and requirements applicable thereto which are to be found in various acts of the Legislature of New Mexico and the Rules of the State Land Office, the same as though they were fully set forth herein, and said laws so far as applicable to this permit, are to be taken as a part hereof.
- 8) Nothing herein contained shall be held or construed to prevent the Commissioner from issuing additional permits on said lands or from leasing or letting the said lands or any portion thereof for grazing or agricultural purposes, or for leasing them for the exploration, development and production of products from deposits other than caliche, including but not limited to geothermal resources, oil and gas, potash, coal, salt, or for leasing them for the operation of a business, or for selling them under a deferred purchase contract with minerals reserved, or for patenting them with minerals reserved, or for the issuance of rights-of-way and easements over, upon, or across them for public highways, railroads, tramways, telegraph, telephone and power lines, irrigation works, mining, logging and for any of the purposes mentioned hereinabove in this paragraph, and for other purposes.
- 9) All mining operations hereunder shall conform with good mining practices and shall be carried on in a workmanlike manner. The Permittee agrees that in mining the mineral material hereunder, he will, at his own expense, first remove the overburden if necessary. If reclamation is necessary and requested by the Commissioner after the expiration of this permit, then the Permittee shall be responsible for restoration work which shall include the following:
slope pit to a 5:1 slope in and around area of mineral extraction when finished
Must make 811 call before digging
- 10) Payment of all sums due the Commissioner by the Permittee under the term of this permit, including but not limited to payment of royalties and fees shall be made at the Office of the Commissioner of Public Lands, Post Office Box 1148, Santa Fe, New Mexico 87504, or the Hobbs Field Office, 3830 N. Grimes, Suite C, Hobbs, New Mexico 88240, and after notice given, the Commissioner may require such payments to be made in cash or certified exchange.
- 11) The Permittee, at his own expense, shall fully comply with all laws, regulations, rules, ordinances, and requirements of the city, county, state, federal authorities and agencies, in all police powers pertaining to public health and welfare, including but not limited to conservation, sanitation, aesthetics, pollution, cultural properties, fire, and ecology. Such agencies are not to be deemed third party beneficiaries hereunder; however, this clause is enforceable by the Commissioner as herein provided or as otherwise permitted by law.
- 12) The State has a continuing option to purchase at any time and from time to time, at the market price prevailing in the area on the date of the purchase all or any part of the mineral materials (caliche) that will be produced from the lands covered by this permit.
- 13) The Permittee agrees to pay interest on delinquent royalty payments under this contract at the rate of one percent (1%) per month, or fraction of a month, accruing from the date said payment becomes due.
- 14) The Permittee shall save and hold harmless, indemnify and defend the State of New Mexico, the Commissioner of Public Lands, and his agent or agents, in their official and individual capacities, of and from any and all liability claims, losses, or damages arising out of or alleged to arise out of or indirectly connected with the operations of the Permittee hereunder, off or on the hereinabove described lands, or the presence of said land of any agent, contractor or subcontractor of Permittee.
- 15) Additional stipulations: _____

**NEW MEXICO STATE LAND OFFICE
CALICHE MATERIAL PURCHASE
Royalty Report**



COMPLETE, SIGN, AND RETURN THIS FORM WITH
YOUR ROYALTY PAYMENT

TO: NEW MEXICO STATE LAND OFFICE
HOBBS FIELD OFFICE
2827 N. DAL PASO, SUITE 117
HOBBS, NEW MEXICO 88240

DATE 01/10/12

PERMIT NO. CO 4038

EXPIRATION DATE ~~01/24/12~~

PERMITTEE TNT Backhoe Services

ROYALTY DUE DATE 01/11/12

PIT NO. 477

INST.: C. S.

PURCHASER:

NAME TNT Backhoe Servies

PHONE # (505) 365-7827

ADDRESS P.O. Box 133

Artesia NM 88211

MATERIAL:

TYPE: Caliche

AMOUNT USED: 500

UNIT COST: 1.25

ESTIMATED CUBIC YARDS: 500

TOTAL COST: 625.00

TONS: _____

MATERIAL SOURCE:

SECTION 2 TOWNSHIP 19S RANGE 31E SUBDIVISION SW4SW4

MATERIAL USE: WELL PAD / ROAD CONSTRUCTION

OPERATOR JUDAH OIL

WELL NAME T-BONE FED 31

WELL LOCATION SEC 33 TWP 18S RGE 31E SUBDIVISION _____

OTHER USE:

LOCATION: SEC _____ TWP _____ RGE _____

FOR WHOM FURNISHED: _____

SIGNATURE _____

NEW MEXICO STATE LAND OFFICE

CALICHE MINING PERMIT NO. CO 4068

THIS AGREEMENT, dated this 10th day of Feb. 20 12, made and entered into between the STATE OF NEW MEXICO, acting by and through the undersigned, its COMMISSIONER OF PUBLIC LANDS, hereinafter called the "Commissioner," and TNT BACKHOE SERVICES hereinafter called the "Permittee,"

WITNESSETH, the Commissioner in consideration of the payment of the sum of thirty dollars (\$30.00) as an application fee, receipt of which is hereby acknowledged, together with the submission of the written application, agrees to and hereby does convey and grant to the permittee the non-exclusive right and privilege to, at any and all times during the term hereinafter provided for, enter upon, explore, produce and remove caliche from the following described real property situated in the county of Eddy, New Mexico.

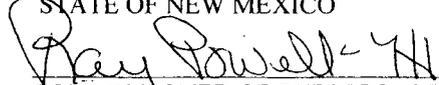
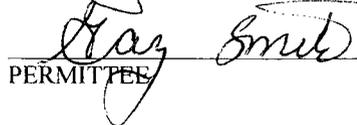
<u>INSTITUTION</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SUBDIVISION</u>	<u>ACRES</u>
C. S.	2	19S	31E	SW4SW4	40.00

Pit Site No. 477

TO HAVE AND TO HOLD said land and pit sit for a term of 15 days beginning from the date first written above and ending 2/24/12, subject to the terms and conditions set out in Attachment A, and by reference is made a part hereof.

IN WITNESS WHEREOF, the state of New Mexico has hereunto signed and caused its name to be signed by its Commissioner of Public Lands thereunto duly authorized, with the seal of his office affixed, and the Permittee has signed this agreement to be effective the day and year first written above.

SEAL

STATE OF NEW MEXICO

 COMMISSIONER OF PUBLIC LANDS

 PERMITTEE

EXECUTED IN TRIPLICATE

SUBSCRIBED AND SWORN to before me this 10th day of Feb. 20 12.

My commission expires:

June 8, 2015


 NOTARY PUBLIC

This permit must be in the possession of permittee or agent at the pit location during extraction.

ATTACHMENT A

TERMS AND CONDITIONS OF CALICHE PERMIT NO. CO 4068

- 1) The Permittee agrees to pay to the Commissioner as royalty a sum equal to the step scale royalty set out in the Rules and Regulations for each and every cubic yard of mineral material removed from the pit site. The Permittee shall pay (if applicable) the sum of ten percent (10%) of the total estimated royalty due prior to the execution of this agreement, with the remaining balance due within thirty (30) days after termination of the permit.
- 2) The Permittee, with the consent of the Commissioner, may at any time surrender or relinquish this permit to the Commissioner; provided, however, that no relinquishment shall be approved or recognized by the Commissioner where the royalties have not been paid or the permit is not otherwise in good standing.
- 3) This permit is nonassignable. Transfers thereof are to be made by relinquishments to the Commissioner. The Commissioner may revoke this permit at any time for violation of any of the terms and conditions thereof.
- 4) The Commissioner shall have the right to inspect all records, books or accounts pertaining to mining, extraction, transportation and returns of materials taken from the lands.
- 5) The Permittee shall post and maintain signs at all vehicular entrances to pits and excavations advising as to state ownership and warning against trespass.
- 6) Before the Permittee shall commence development or operation upon the lands embraced herein, he shall execute and file with the Commissioner a damage bond in an amount of \$ Advanced Royalty in favor of the state of New Mexico, for the benefit of the Commissioner, its surface lessee, patentee or contract purchaser, to secure the payment of such damage to the range, livestock, water, crops or other tangible improvements on the lands as may be suffered by reason of development, use and occupation of the lands by the said Permittee, and the Permittee shall be liable and agree to pay for all such damages to the range, livestock, water, growing crops, or other tangible improvements upon the land. In addition, the Permittee shall execute a performance bond of not less than two thousand dollars (\$2,000) when the total estimated royalty exceeds two thousand dollars (\$2,000). An advance royalty of not less than ten percent (10%) of the estimated royalty to be paid may be tendered in lieu of the performance bond. This bond shall serve to guarantee payment of royalties to become due under this permit, and to ensure compliance with all other permit provisions.
- 7) This permit is made subject to all the provisions and requirements applicable thereto which are to be found in various acts of the Legislature of New Mexico and the Rules of the State Land Office, the same as though they were fully set forth herein, and said laws so far as applicable to this permit, are to be taken as a part hereof.
- 8) Nothing herein contained shall be held or construed to prevent the Commissioner from issuing additional permits on said lands or from leasing or letting the said lands or any portion thereof for grazing or agricultural purposes, or for leasing them for the exploration, development and production of products from deposits other than caliche, including but not limited to geothermal resources, oil and gas, potash, coal, salt, or for leasing them for the operation of a business, or for selling them under a deferred purchase contract with minerals reserved; or for patenting them with minerals reserved, or for the issuance of rights-of-way and easements over, upon, or across them for public highways, railroads, tramways, telegraph, telephone and power lines, irrigation works, mining, logging and for any of the purposes mentioned hereinabove in this paragraph, and for other purposes.
- 9) All mining operations hereunder shall conform with good mining practices and shall be carried on in a workmanlike manner. The Permittee agrees that in mining the mineral material hereunder, he will, at his own expense, first remove the overburden if necessary. If reclamation is necessary and requested by the Commissioner after the expiration of this permit, then the Permittee shall be responsible for restoration work which shall include the following:
slope pit to a 5:1 slope in and around area of mineral extraction when finished
Must make 811 call before digging
- 10) Payment of all sums due the Commissioner by the Permittee under the term of this permit, including but not limited to payment of royalties and fees shall be made at the Office of the Commissioner of Public Lands, Post Office Box 1148, Santa Fe, New Mexico 87504, or the Hobbs Field Office, 3830 N. Grimes, Suite C, Hobbs, New Mexico 88240, and after notice given, the Commissioner may require such payments to be made in cash or certified exchange.
- 11) The Permittee, at his own expense, shall fully comply with all laws, regulations, rules, ordinances, and requirements of the city, county, state, federal authorities and agencies, in all police powers pertaining to public health and welfare, including but not limited to conservation, sanitation, aesthetics, pollution, cultural properties, fire, and ecology. Such agencies are not to be deemed third party beneficiaries hereunder; however, this clause is enforceable by the Commissioner as herein provided or as otherwise permitted by law.
- 12) The State has a continuing option to purchase at any time and from time to time, at the market price prevailing in the area on the date of the purchase all or any part of the mineral materials (caliche) that will be produced from the lands covered by this permit.
- 13) The Permittee agrees to pay interest on delinquent royalty payments under this contract at the rate of one percent (1%) per month, or fraction of a month, accruing from the date said payment becomes due.
- 14) The Permittee shall save and hold harmless, indemnify and defend the State of New Mexico, the Commissioner of Public Lands, and his agent or agents, in their official and individual capacities, of and from any and all liability claims, losses, or damages arising out of or alleged to arise out of or indirectly connected with the operations of the Permittee hereunder, off or on the hereinabove described lands, or the presence of said land of any agent, contractor or subcontractor of Permittee.
- 15) Additional stipulations: _____

**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

505-746-0807 FAX

BLM Top Soil Information.

Jim Rutley

NMNM-126781 Com

Number _____ UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 RECEIPT FOR MINERAL MATERIAL
 NEGOTIATED CASH SALE CONTRACT
 (\$2,499 or less for vegetative material)
 (\$2,000 or less for mineral material)

SEC. 1 CONTRACT TERMS
(check appropriate block)

- (a) All materials in contract area in excess of estimated quantity are reserved by the United States.
- Severance and/or Removal in excess of that quantity will subject the Purchaser to trespass action.
- (b) The quantity of material is predetermined amount and may be more or less than the actual amount.
- (c) Payment shall be made prior to
- Severance and/or Removal of additional units which exceed estimated quantity

State New Mexico
 Field Office/District Carlsbad Field Office
 Date of Sale February 9, 2012
 Name of Purchaser Judah Oil, LLC
 Address (include zip code)
 P.O. Box 568
 Artesia, NM 88211

SEC. 2 GENERAL STIPULATIONS
(check appropriate block)

Removal of all materials must be in strict accordance with instructions of the Authorized Officer and the following conditions and requirements:

KIND OF PRODUCT	UNITS	EST. QTY	RATE/UNIT (\$)	PRICE (\$)
Sand	LCY	240	\$1.70	\$408.00
				\$0.00
				\$0.00
ROAD MAINTN FEE or MAT. SITE REC. FEE	LCY	240	\$1.00	\$240.00
TOTAL PURCHASE PRICE				\$648.00

No material shall be severed removed unless marked or otherwise designated by the Authorized Officer. Title to material sold under this contract shall remain in United States and shall not pass to Purchaser until such material has been removed from the contract area. If this contract involves severance of vegetative material, risk of loss and damage borne by the Purchaser after the material is cut, handling herein shall be construed to relieve the Purchaser from liability for any breach of contract or any wrongful or negligent act or to the violation of any applicable regulation of the Department of the Interior. Purchaser shall take such measures for prevention and suppression of fire on the contract area and other United States lands as are required by applicable laws and regulations. Purchaser shall dispose of material in accordance with instructions from the Authorized Officer. If the Purchaser violates any of the provisions of this contract, the Authorized Officer may, by written notice, suspend any further operations of the Purchaser, except such operations as may be necessary to remedy any violations. If the Purchaser fails to remedy all violations within thirty (30) days after receipt of the suspension notice, the Authorized Officer may, by written notice, cancel this contract, take appropriate action to recover all damages suffered by Government by reason of such violation, and inform the Purchaser that they will not be issued any further contracts for up to three (3) years. Forest Practice Removal Receipt Not(s): _____

Contract expires (date)
 2 weeks from 'Date of Sale'

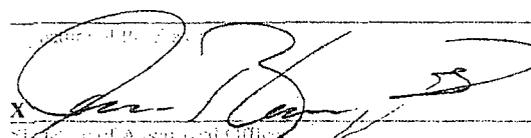
Pit: T17S, R31E, Sec. 25: SWSW.
 Job: T. 18S, R. 31E, Sec. 33: Oxy, T-bone Fed #1 Unit C, Road Repair

Contract No. _____
 COUNTY _____
 PRICE \$408.00
 COUNTY _____
 PRICE \$240.00
 TOTAL PRICE \$648.00

SEC. 3 SPECIAL STIPULATIONS
(check appropriate block)

The Special Provisions and/or Maps attached are made a part of this contract and are to be complied with.
 *Community Pit Stipulations apply. Purchaser must have a copy of contract present in each vehicle handling minerals on site. Berm pit entrance upon completion.
 No Trackhoes allowed

Purchaser hereby certifies that he is an owner or lessee of the land and purchasing material is a citizen of the United States. Purchaser acknowledges that he has read and understands the terms and conditions of this contract and the attached provisions.


 Jim Rutley
 Field Manager

Number

ck # 18420

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
**VEGETATIVE OR MINERAL MATERIAL
 NEGOTIATED CASH SALE CONTRACT**
 (\$2,499 or less for vegetative material)
 (\$2,000 or less for mineral material)

NMNM-126781 Com

SEC. 1 CONTRACT TERMS
(check appropriate block)

- (a) All materials in contract area in excess of estimated quantity are reserved by the United States.
- Severance and/or Removal in excess of that quantity will subject the Purchaser to trespass action.
- (b) The quantity of material is predetermined amount and may be more or less than the actual amount.
- (c) Payment shall be made prior to
- Severance and/or Removal of additional units which exceed estimated quantity.

State: **New Mexico**

Field Office/District: **Carlsbad Field Office**

Date of Sale: **March 7, 2012**

Name of Purchaser: **Judah Oil, LLC**

Address (include zip code):
**P.O. Box 568
 Artesia, NM 88211**

SEC. 2 GENERAL STIPULATIONS
(check appropriate block)

Removal of all materials must be in strict accordance with instructions of the Authorized Officer and the following conditions and requirements:

No material may be severed removed unless marked or otherwise designated by the Authorized Officer. Title to material sold under this contract shall remain in United States and shall not pass to Purchaser until such material has been removed from the contract area. If this contract involves severance of vegetative material, risk of loss shall be borne by the Purchaser after the material is cut. Nothing herein shall be construed to relieve the Purchaser from liability for any breach of contract or any wrongful or negligent act or for any violation of any applicable regulation of the Department of the Interior.

Purchaser shall take such measures for prevention and suppression of fire on the contract area and other United States lands as are required by applicable laws and regulations. Purchaser shall dispose of refuse in accordance with instructions from the Authorized Officer.

If the Purchaser violates any of the provisions of this contract, the Authorized Officer may, by written notice, suspend any further operations of the Purchaser, *except* such operations as may be necessary to remedy any violations. If the Purchaser fails to remedy all violations within thirty (30) days after receipt of the suspension notice, the Authorized Officer may, by written notice, cancel this contract, take appropriate action to recover all damages suffered by Government by reason of such violation, and inform the Purchaser that they will not be issued any further contracts for up to three years.

Forest Product Removal Receipt No(s): _____

SEC. 3 SPECIAL STIPULATIONS
(check appropriate block)

The Special Provisions and/or Maps attached are made a part of this contract and are to be complied with.
***Community Pit Stipulations apply. Purchaser must have a copy of contract present in each vehicle handling minerals on site. Berm pit entrance upon completion.**
No Trackhoes allowed

KIND OF PRODUCT	UNITS	EST. QTY	RATE/UNIT (\$)	PRICE (\$)
Sand	LCY	500	\$1.70	\$850.00
				\$0.00
				\$0.00
ROAD MAINT. FEE or MAT. SITE REC. FEE	LCY	500	\$1.00	\$500.00
TOTAL PURCHASE PRICE				\$1,350.00

Purchaser is liable for total purchase price shown above. There will be no refunds. Additional payment, if any, will be made in accordance with Sec. 1 (c). This contract is made under terms of Sec. 1 () and the stipulations indicated.

Contract Expires (date): **2 weeks from 'Date of Sale'**

Location of Sale (Contract Area):
**Pit: T17S, R31E, Sec. 25: SWSW.
 Job: T. 18S, R. 31E, Sec. 33: Oxy, T-bone Fed #1 SWD, Road Repair**

RECEIVED AS PAYMENT IN FULL		
ACCOUNT	COUNTY	PRICE
P.D. (5881)	Eddy (015)	\$850.00
O & C (5882)		
CBWR (5897)		
FEHRF (5900)		
Road Maintenance Fee (9110) or (9120)		
Material Site Reclamation (5310) or (5320)		\$500.00

Purchaser certifies that he/she is twenty-one years of age or older and if purchasing timber is a citizen of the United States. Purchaser acknowledges that he/she has read and understands the terms and conditions of this contract and any attached provisions.

Signature of Purchaser: _____

X Signature of Authorized Officer: _____

Field Manager: _____

TNT BACKHOE SERVICE

P.O. BOX 133

ARTESIA, NM 88210

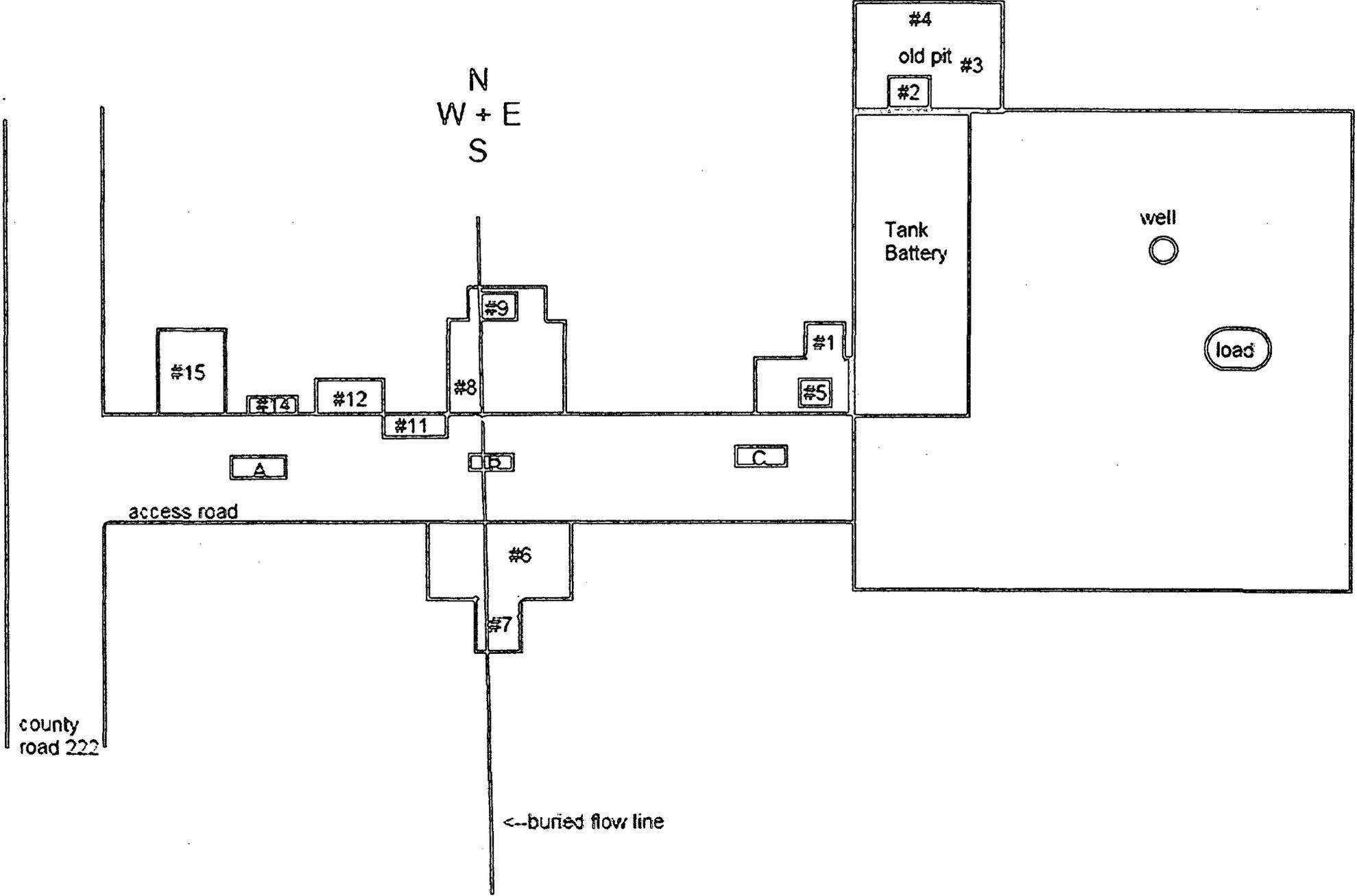
505-365-7827

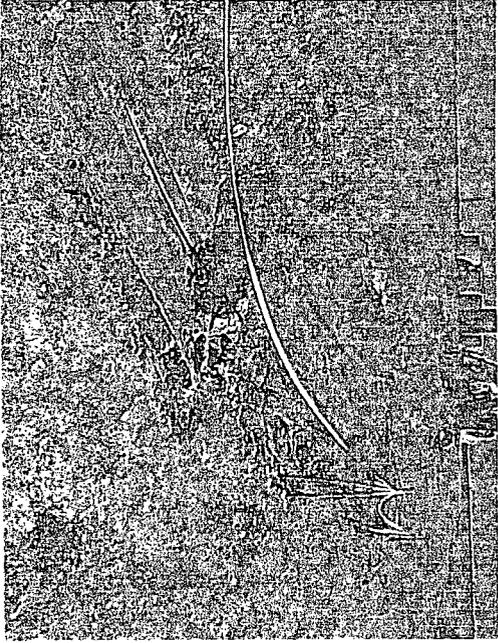
505-365-7634

505-746-0807 FAX

Pictures of job, included is a “map to give a visual as to the general area the picture came from.

Idaho oil 2011
T-Bone Federal #1
pills) samples ran in field
sent to cardinal lab. 11-10-11

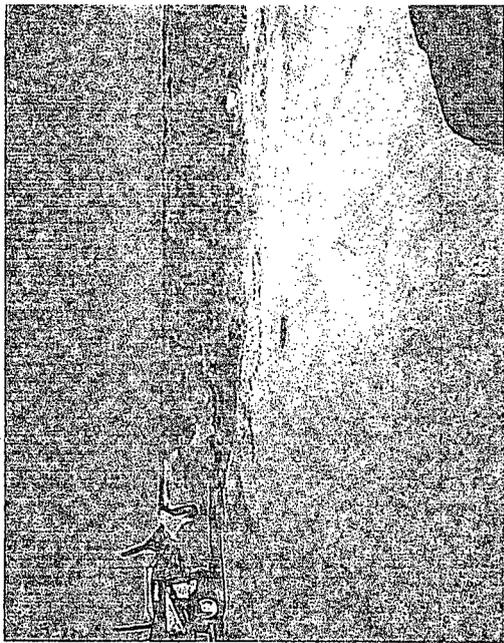
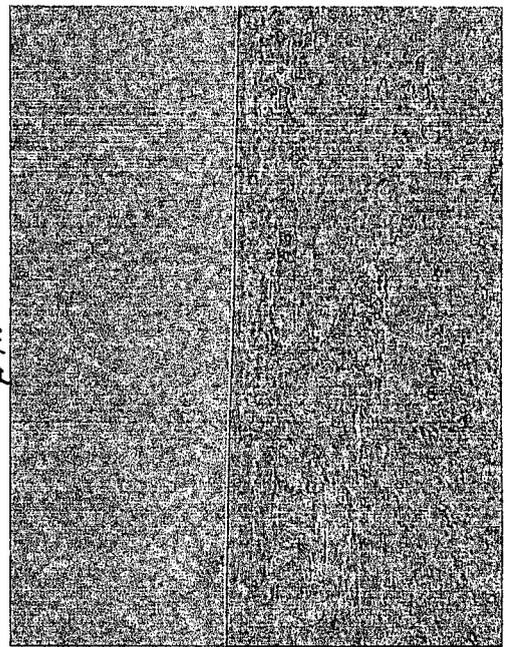
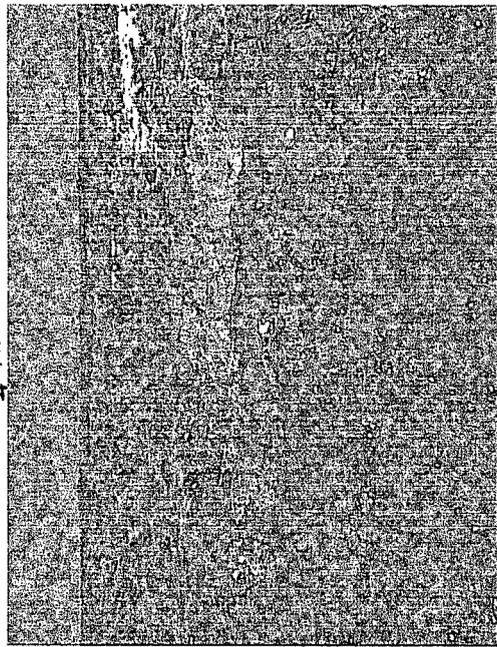
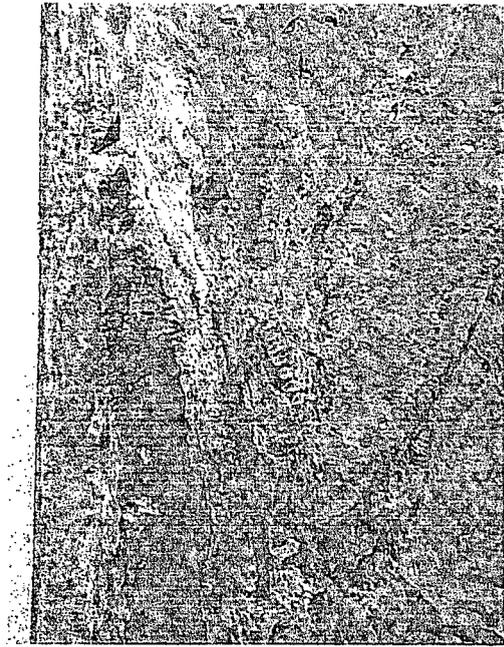
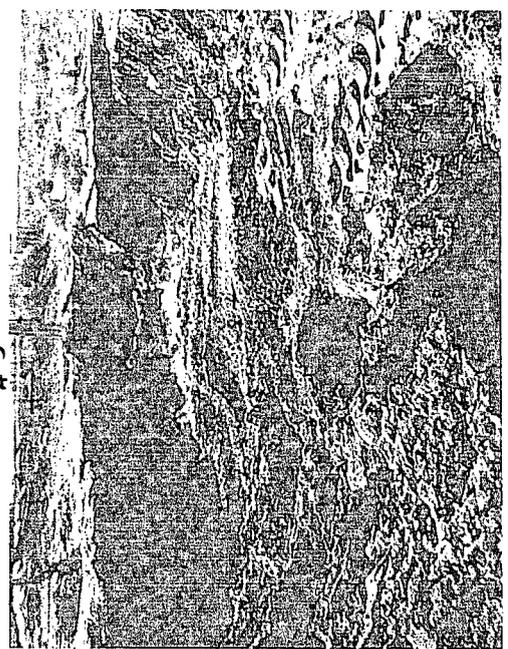
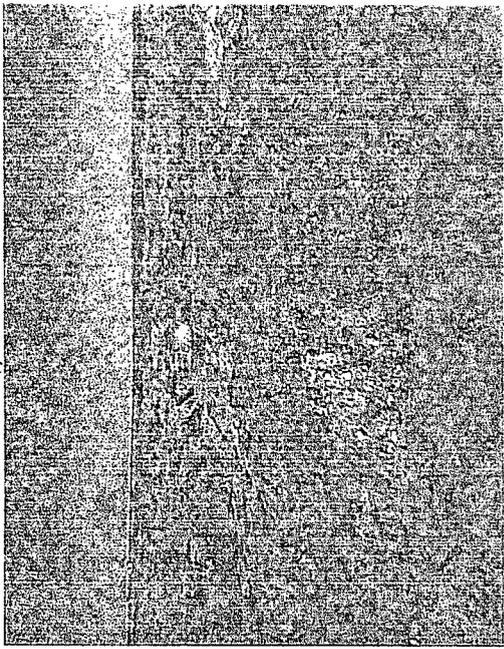




#11

12-20-11

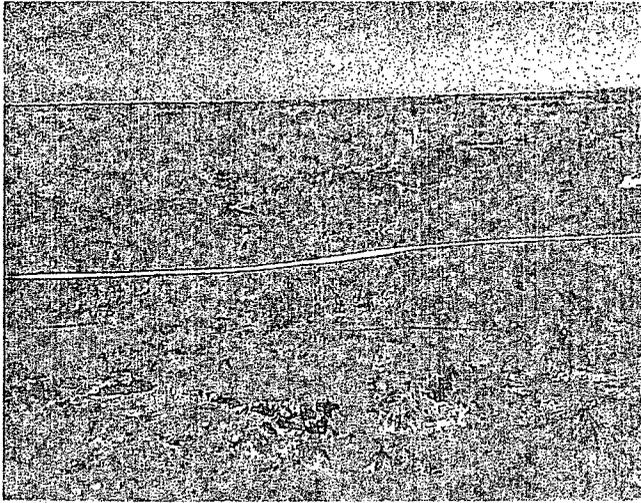
TOT



oxy-1-DOSE Fea ...

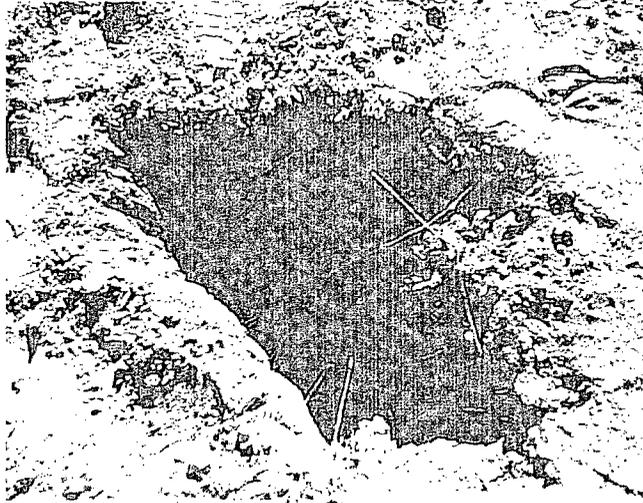
puaka oil

40



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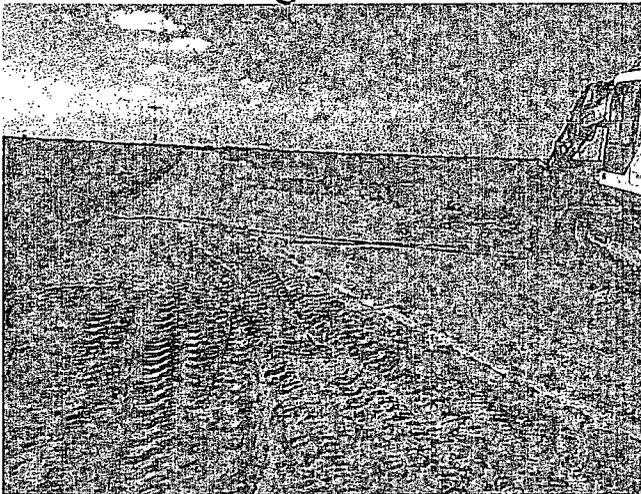
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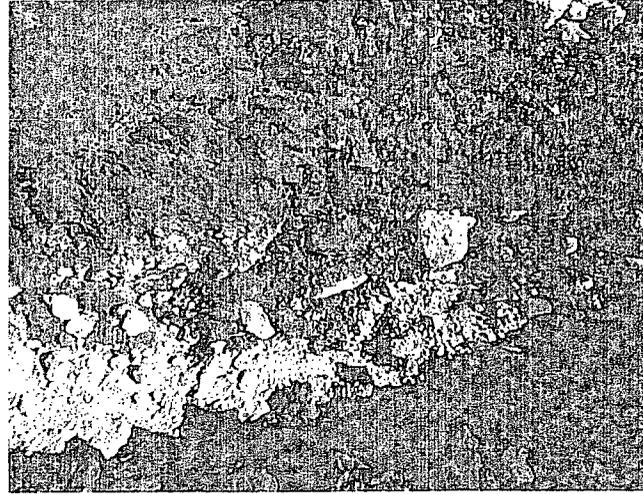
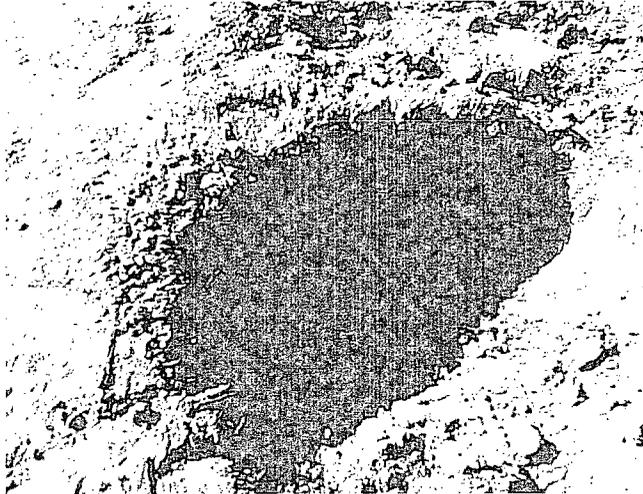
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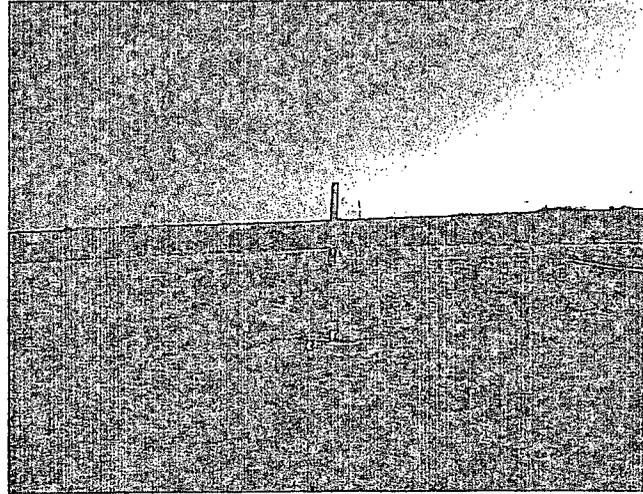
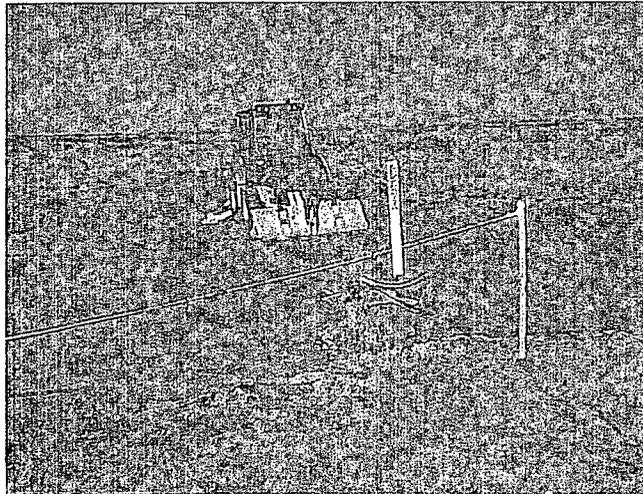
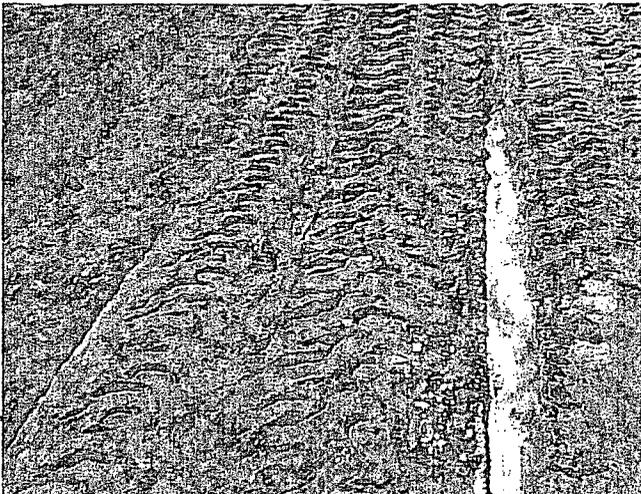
only 1 row, more...



C



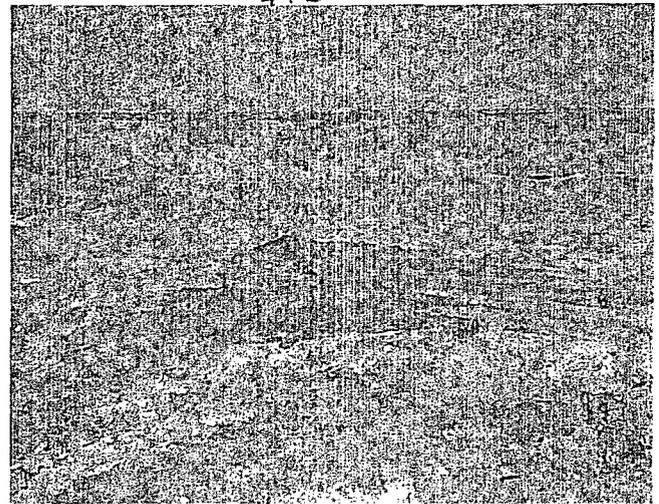
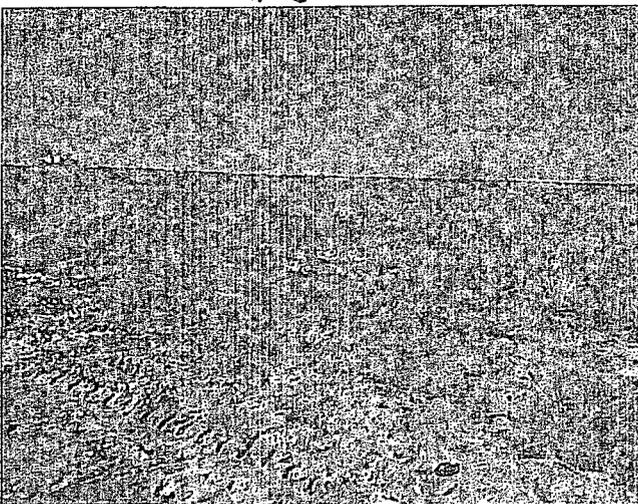
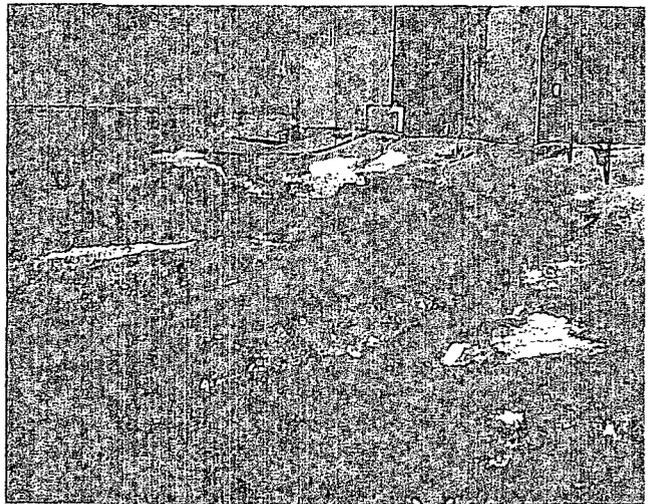
judok oil



#14 #5

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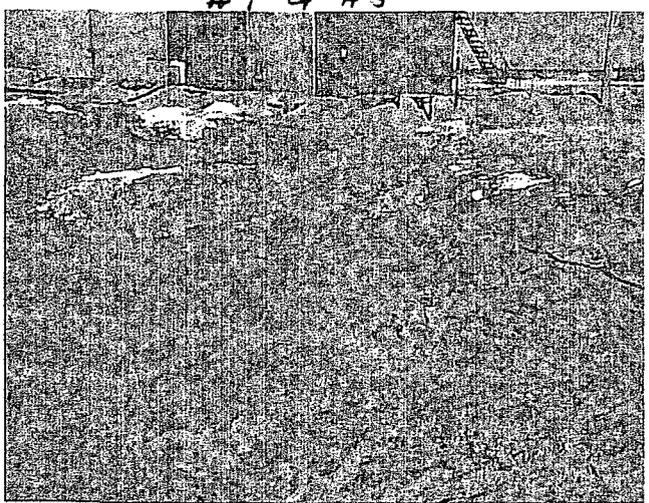


#14 #5

#12

#11

WAY 1-NONE TCU "1"

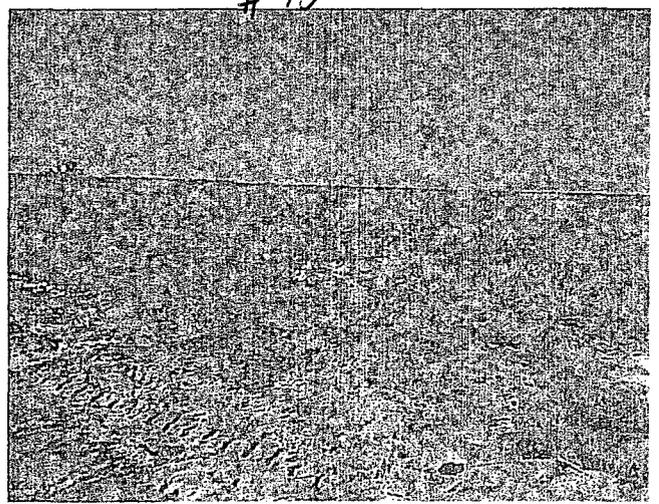
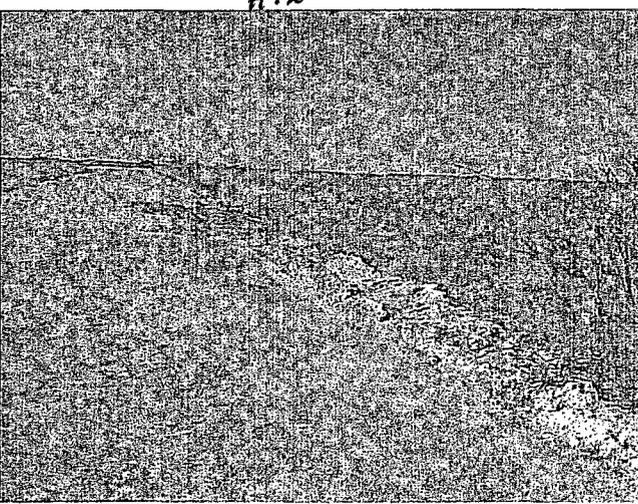
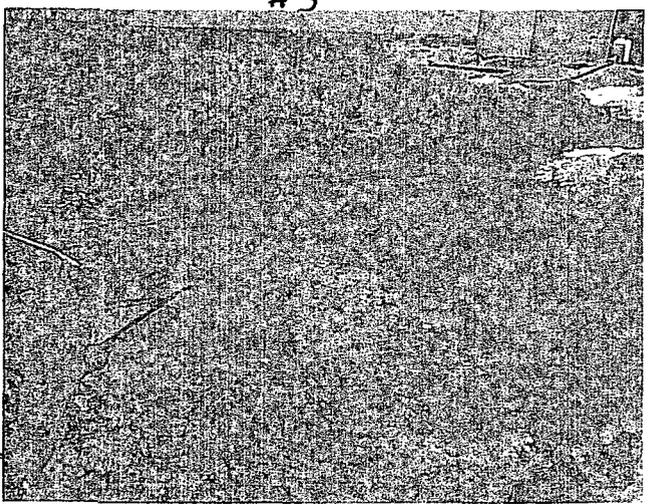


#5

#12

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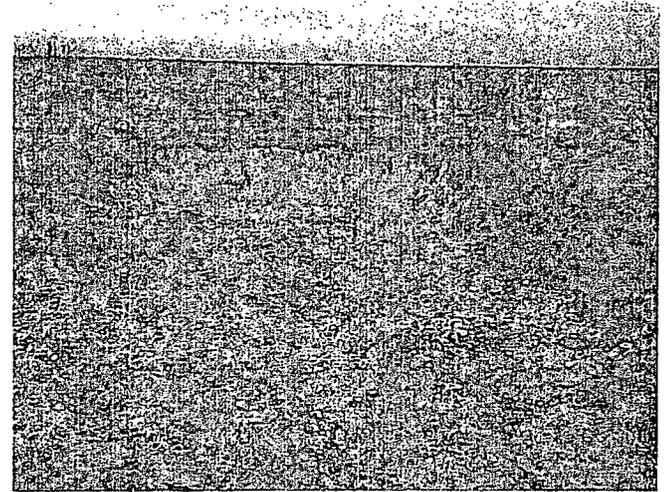
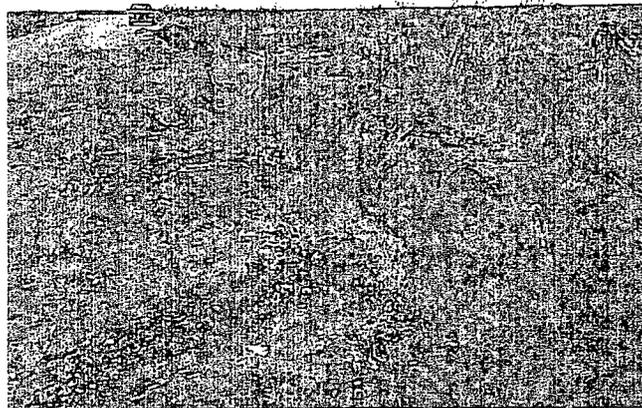
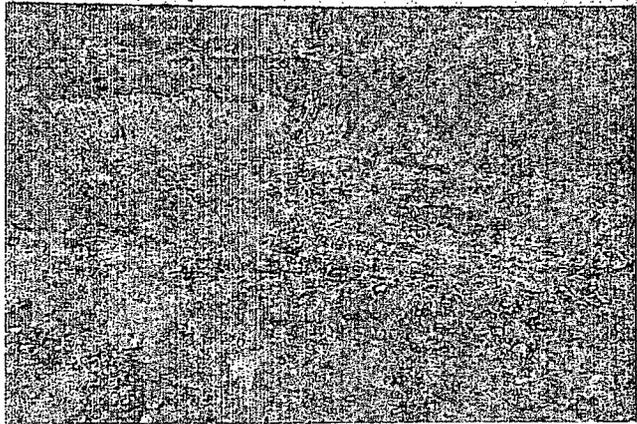
ROAD 011



#15

#15 and North of Access RD

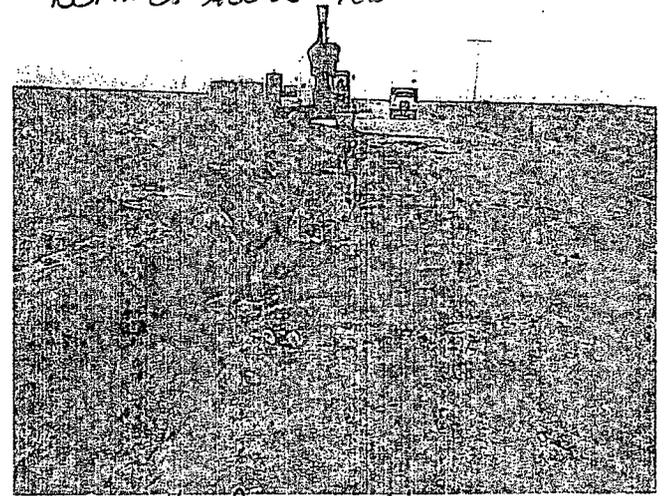
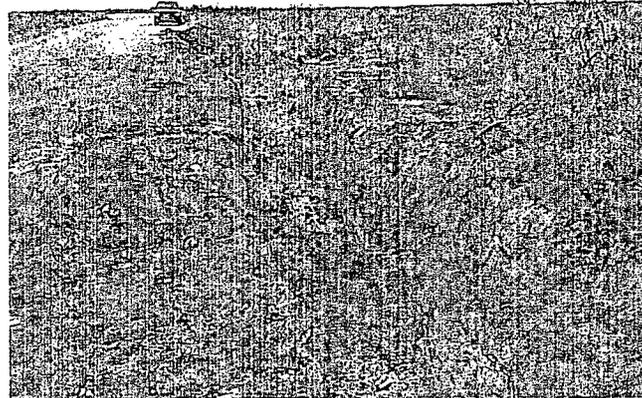
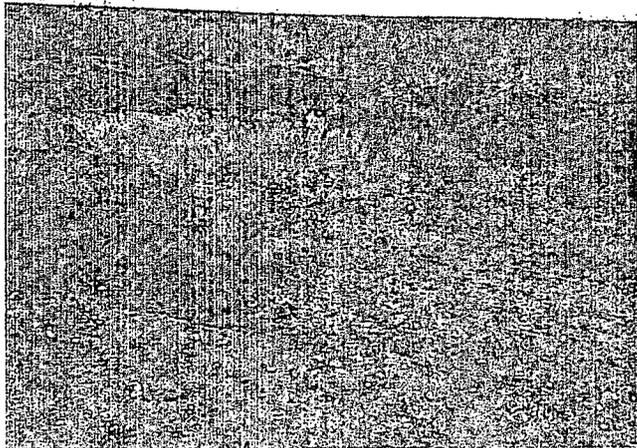
#15 and North of Access RD



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#15 and North of Access RD

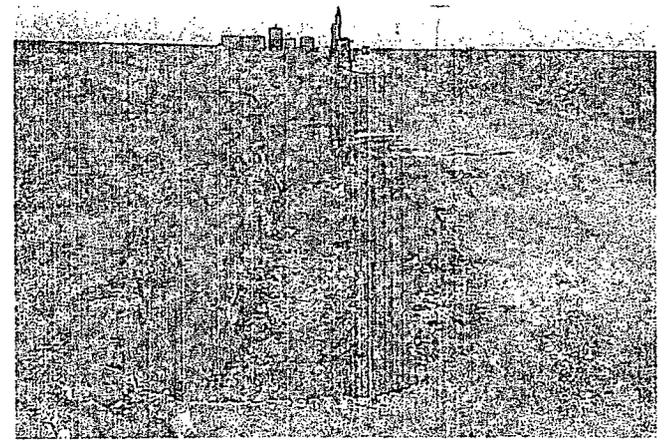
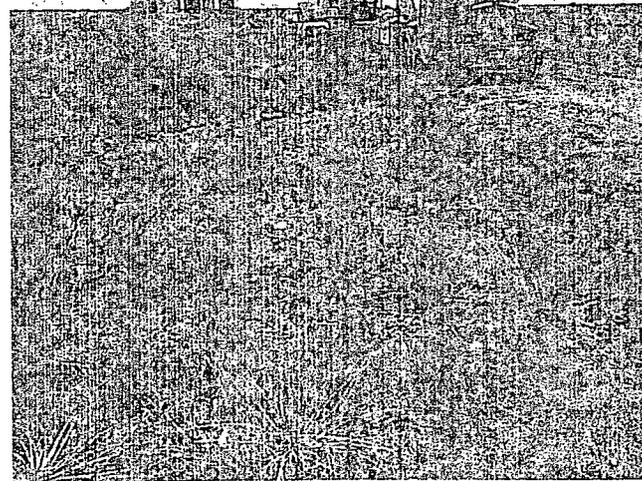
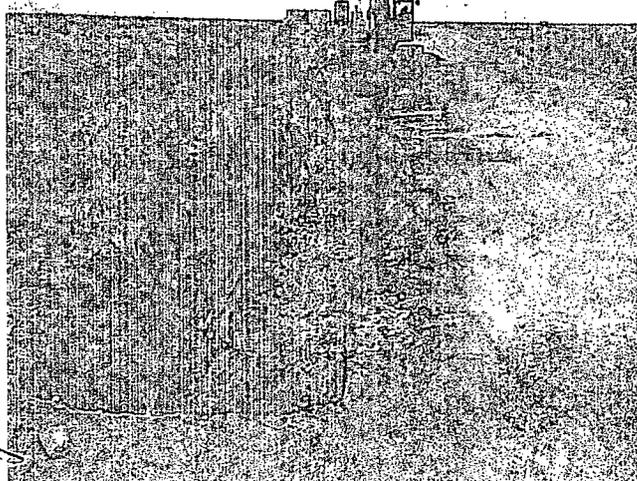
North of Access RD



North of access RD

#15 and North of access RD

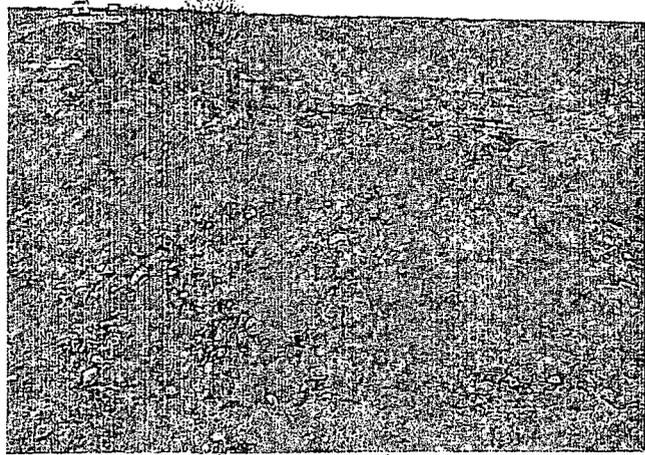
North of access Rd.



fudak oil

107, 1000, 1000

North of access road "Backfill"



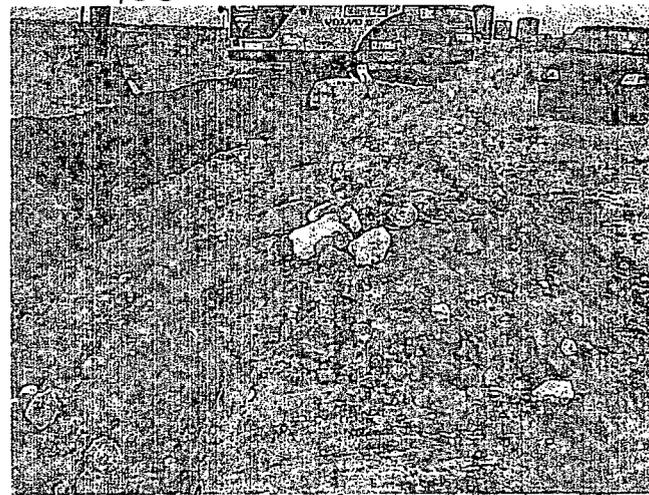
North of access rd



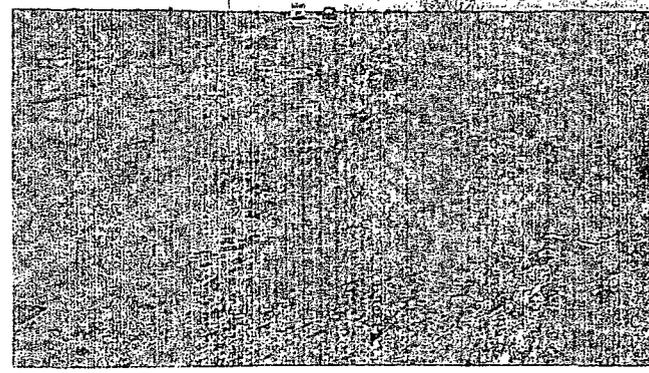
North of access rd



North of access road "Backfill"

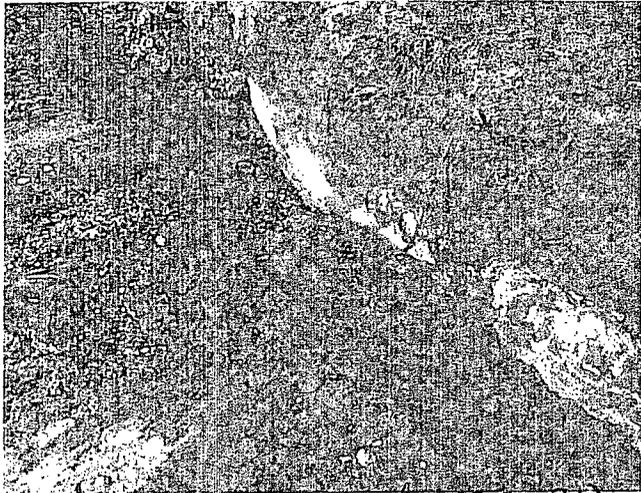


North of access Road "Back Fill"



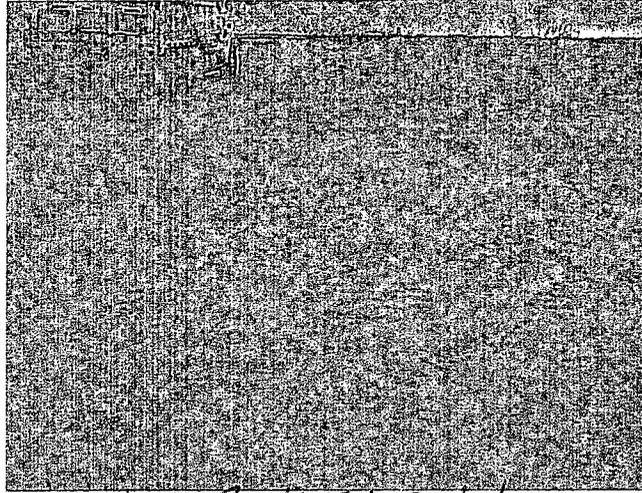
July 1991
June 01

North of access RD



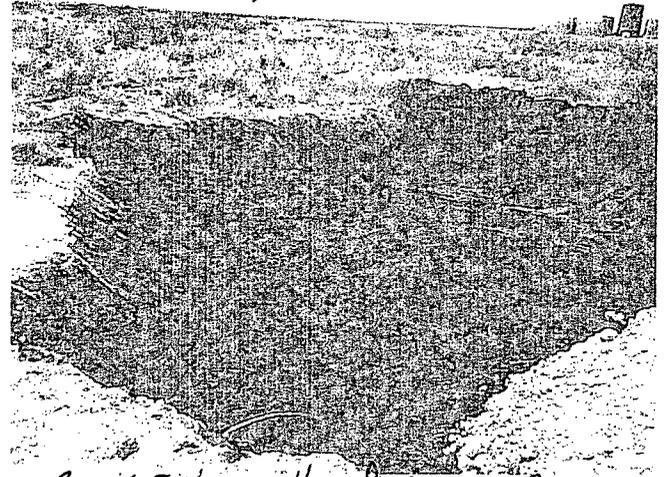
Back Fill North of access RD

#15 Back Fill Caliche

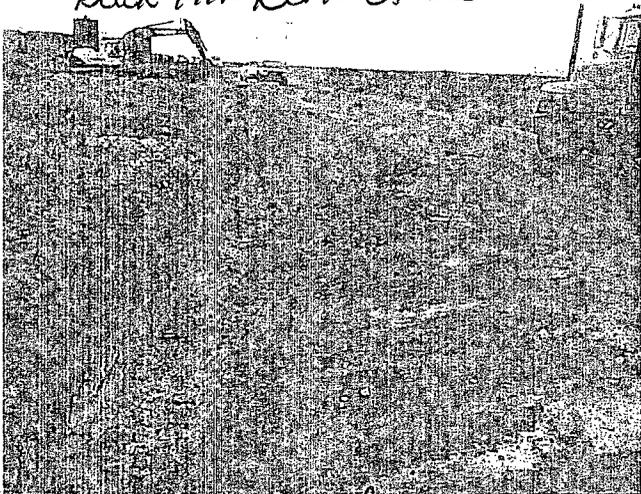


#15 Back Fill Caliche

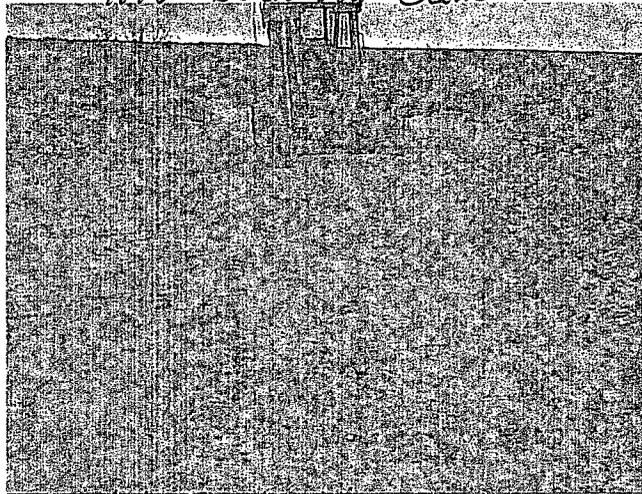
#12 - Water on top soil



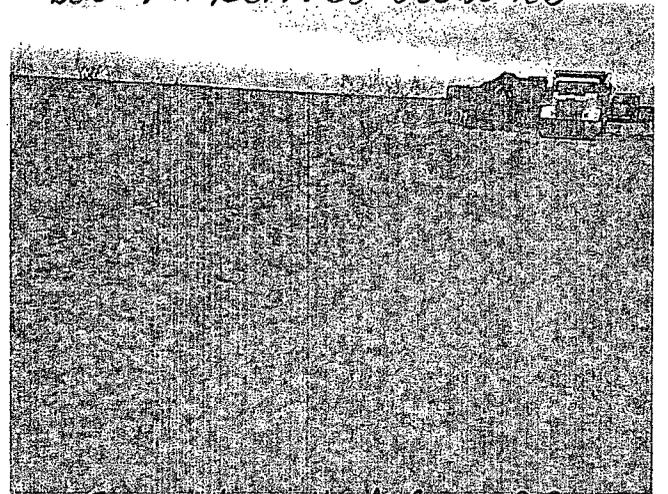
Back Fill North of access RD



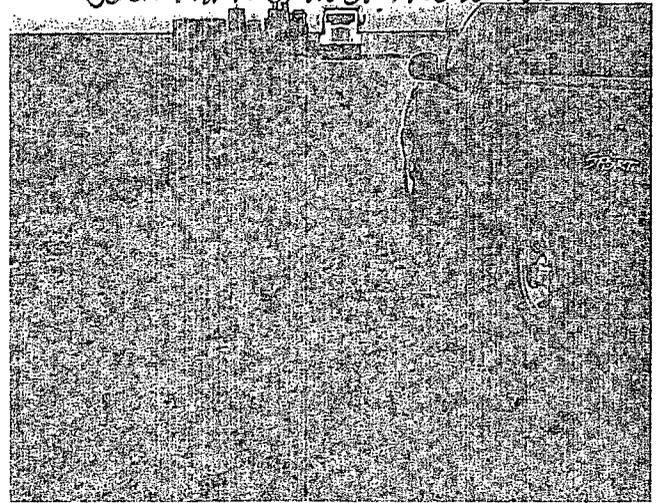
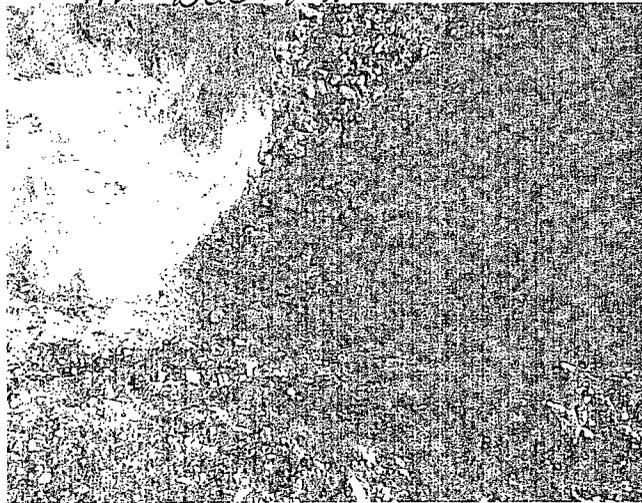
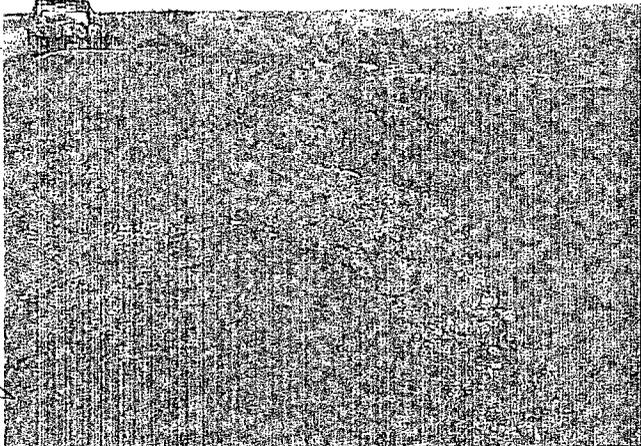
Back Fill North of access RD



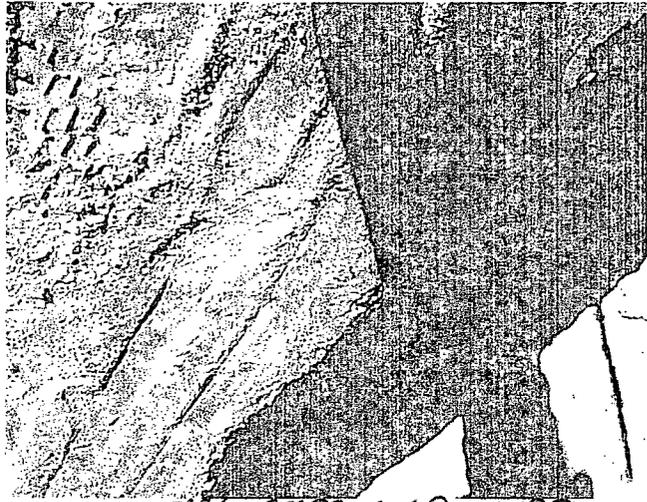
#11 Back Fill



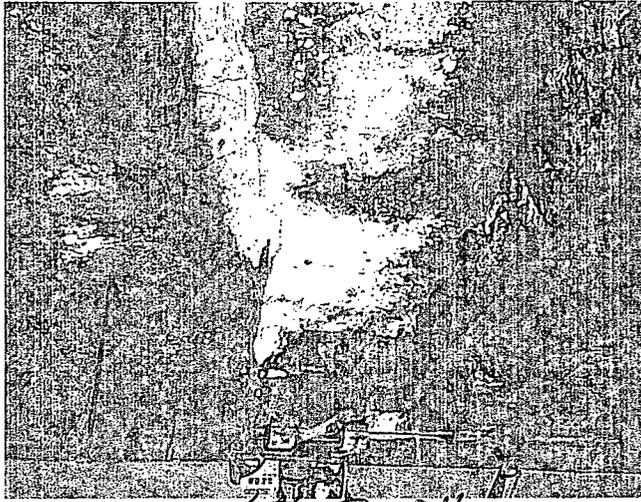
Back Fill North of Access RD



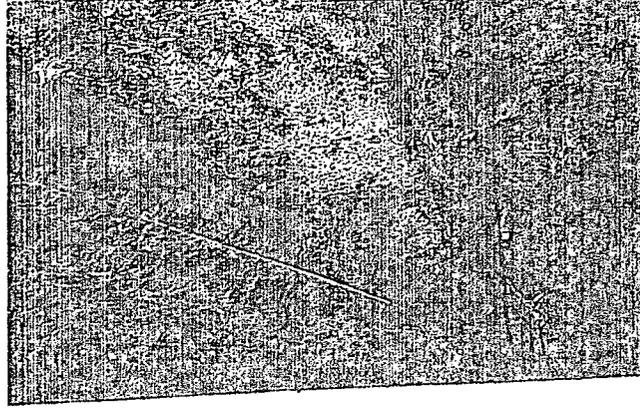
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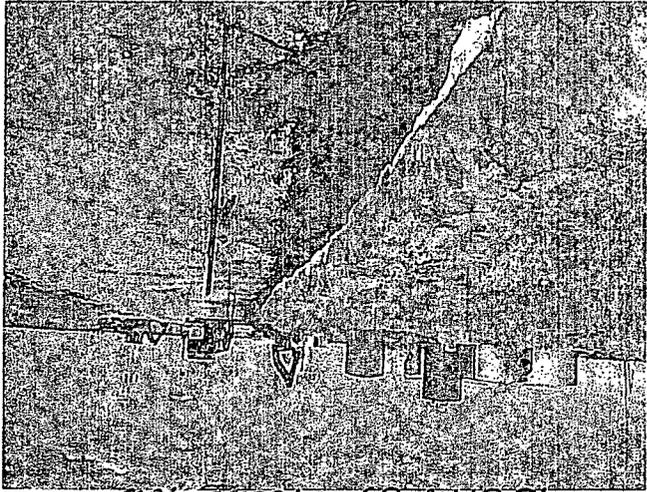
North of Access Rd



#C A #2



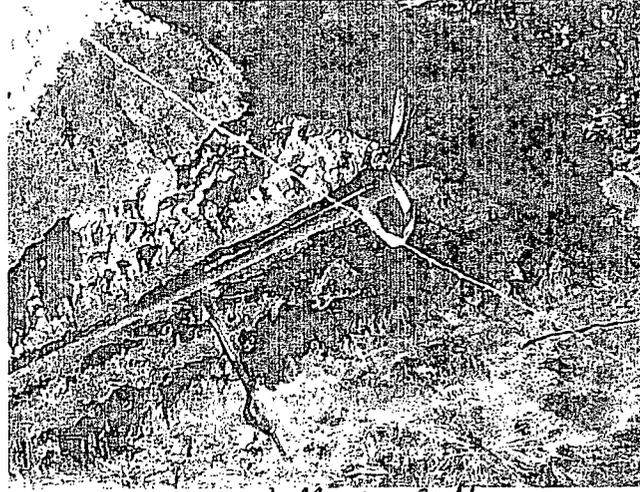
garrison



North of Access Rd



#C A #1

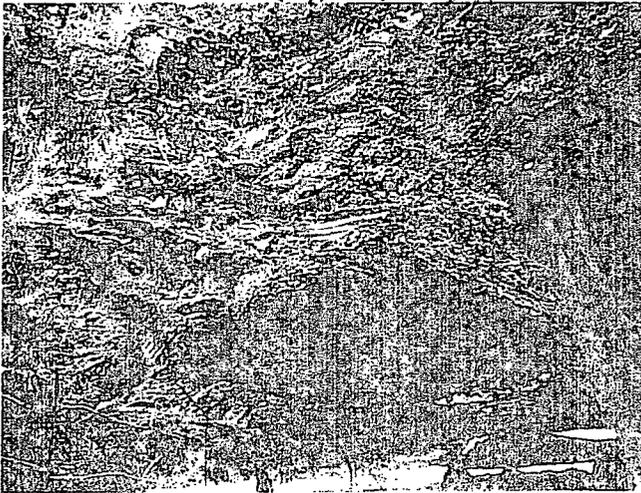


#C A #1

my Garrison



#C A #9



#C A #3



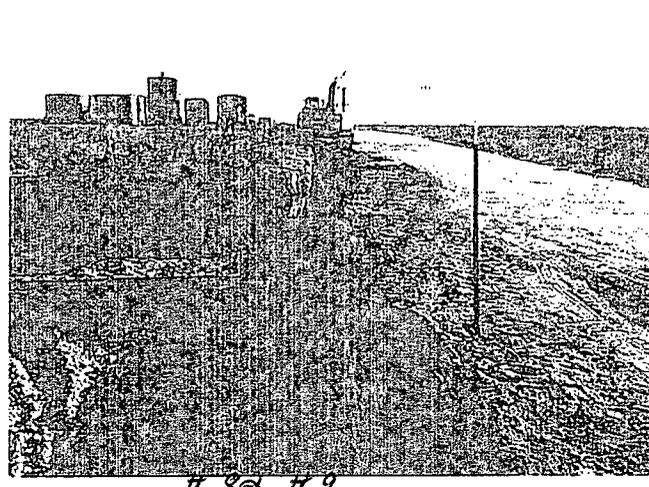
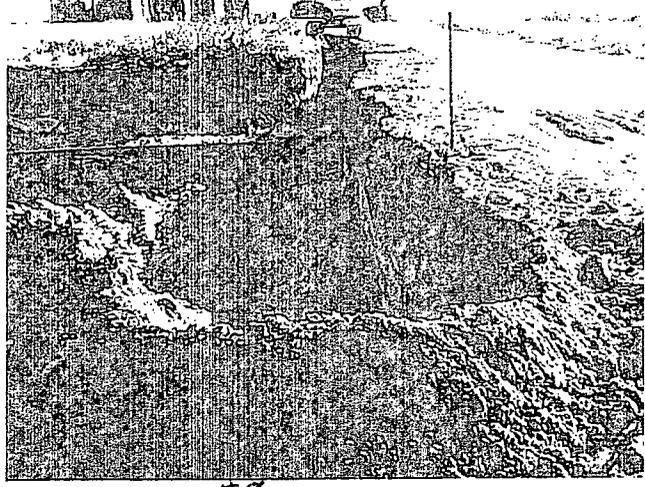
#C A #7

garrison

#8 & #9 & North Access RD

#8 & #9 & North of Access RD

North of Access RD

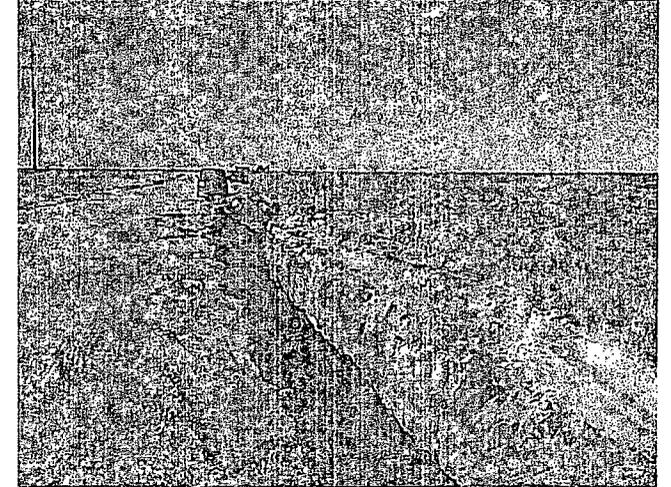
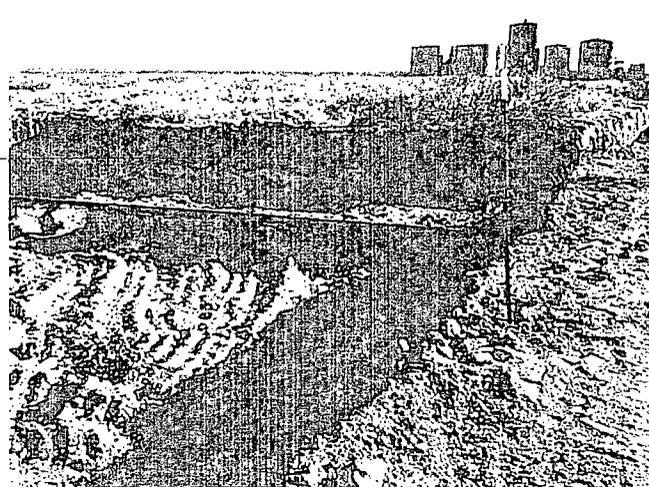
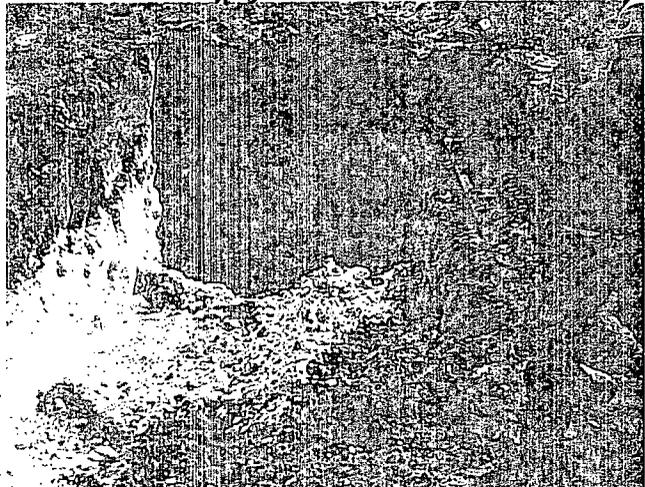


#8

#8 & #9

North of access RD

1-26-11

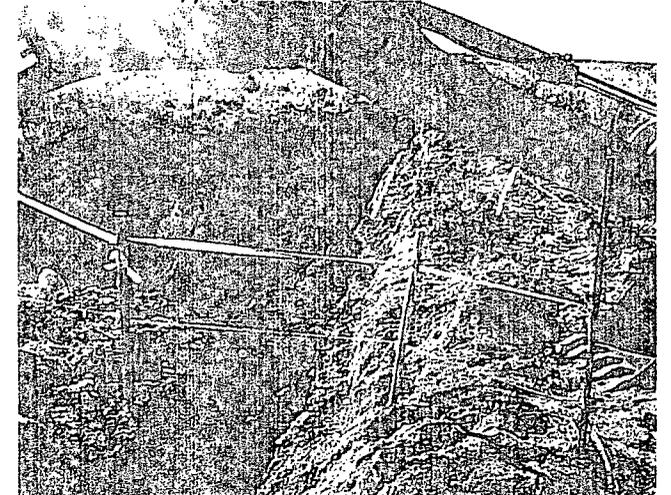
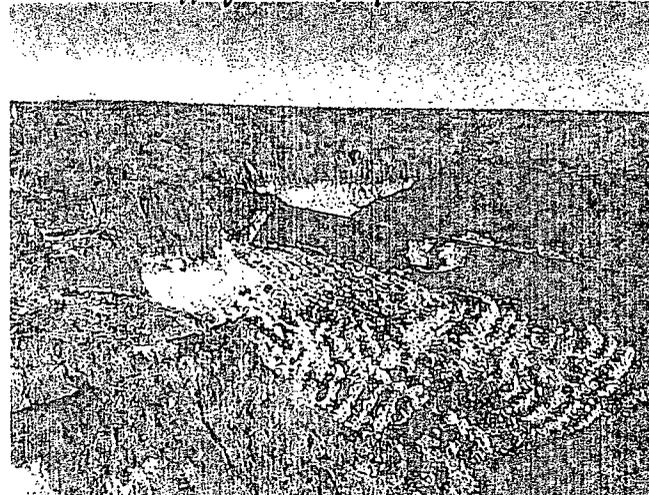


#8 & #9

#8 & #9

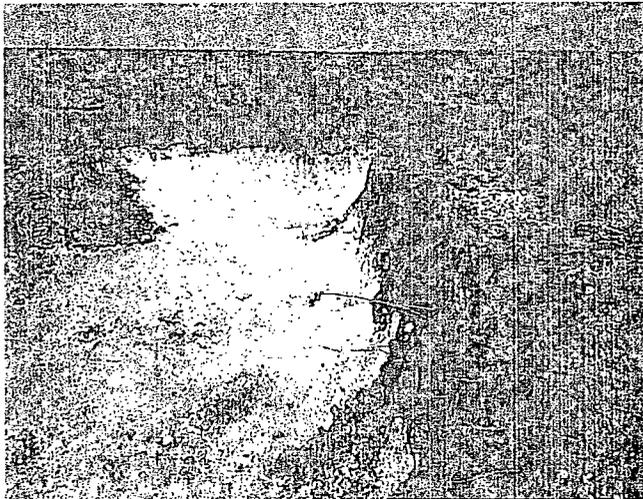
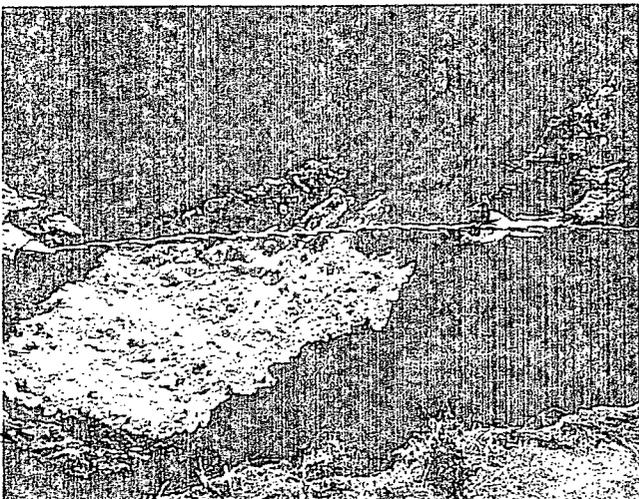
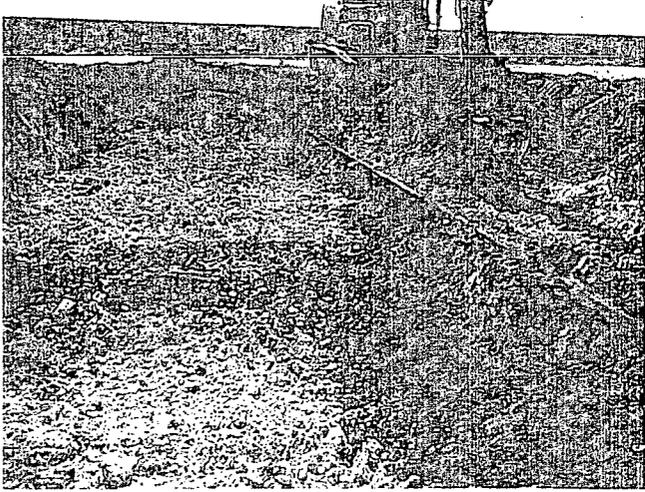
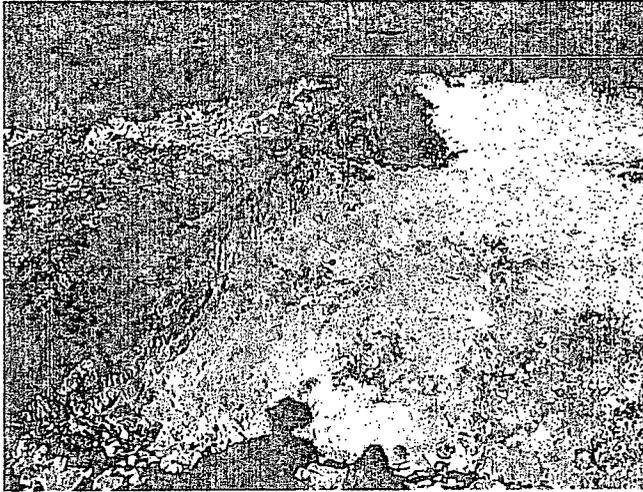
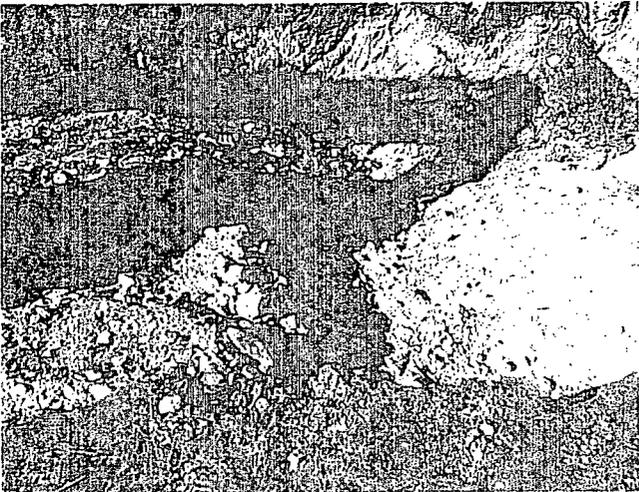
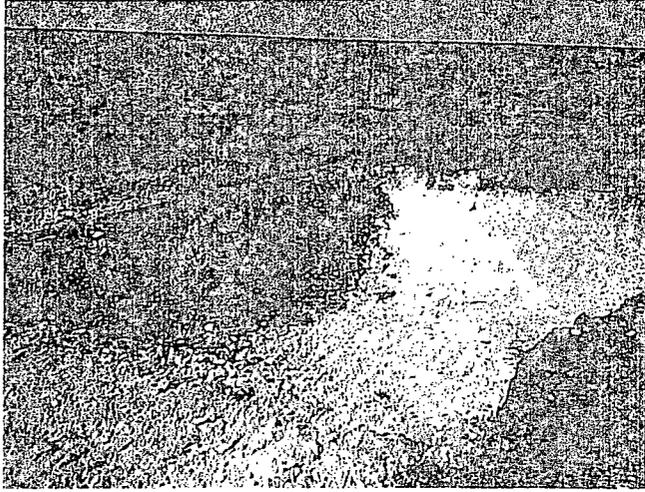
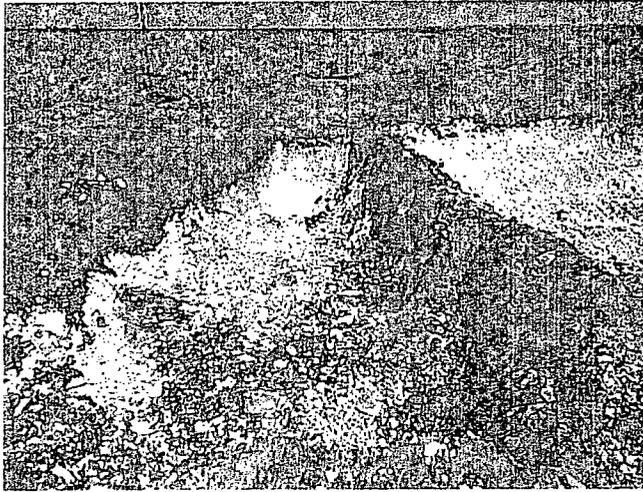
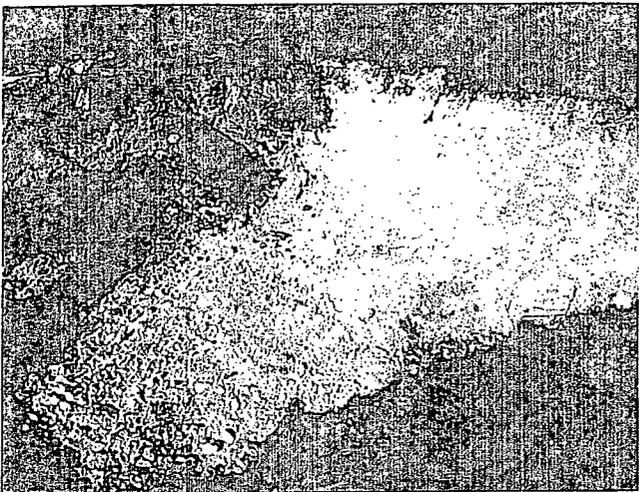
#6 & #7

1-27-2011



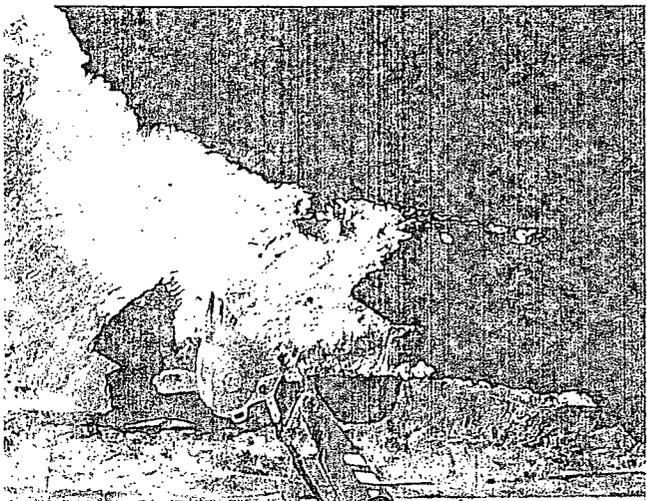
1-28-11

All # 8 of # 7



any more, will be

Advan 011



6# 7 8#



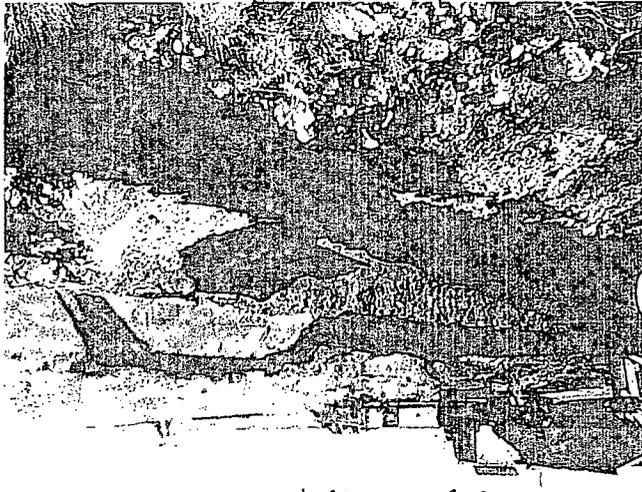
1# 7 8#



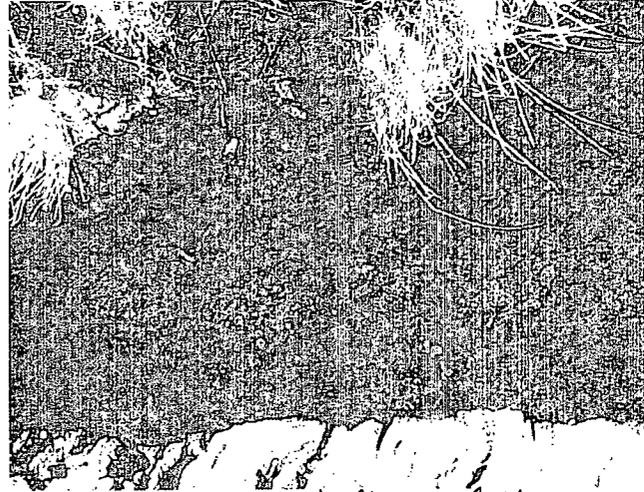
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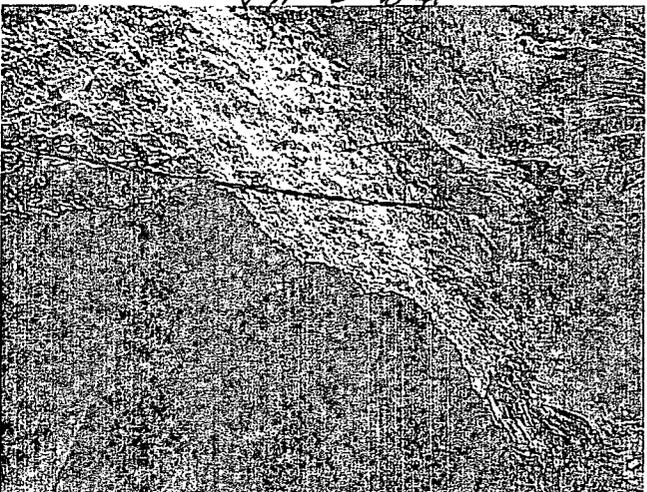
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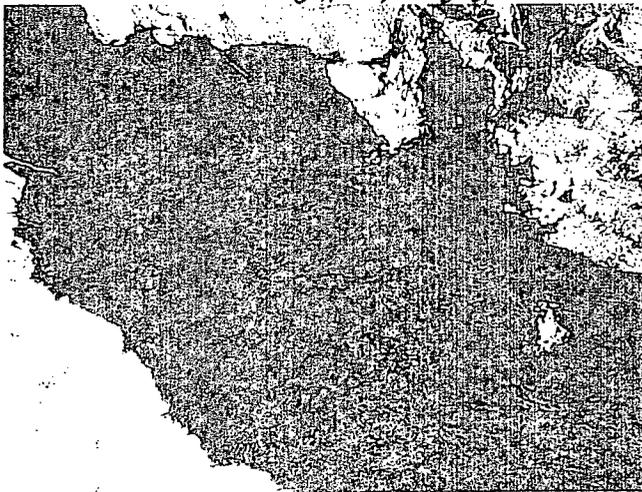
6# 7 8#



6# 7 8#



1# 7 8#



1# 7 8#



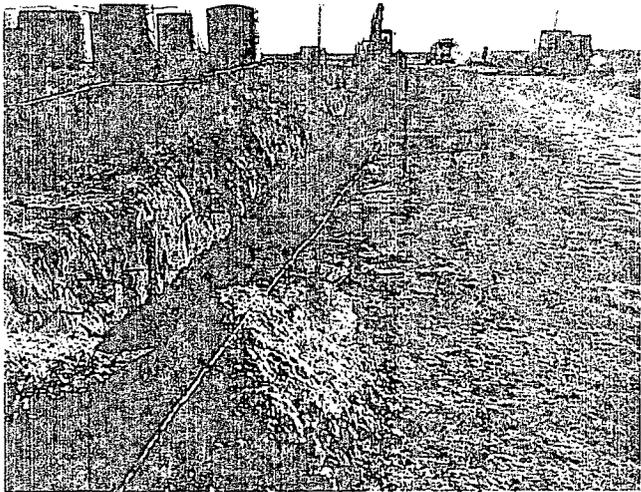
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1# 7 8#

1# 7 8#

North of Access RD Backfill
caliche



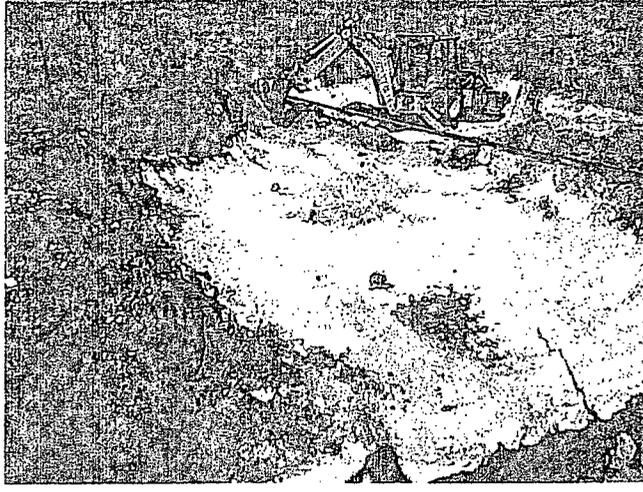
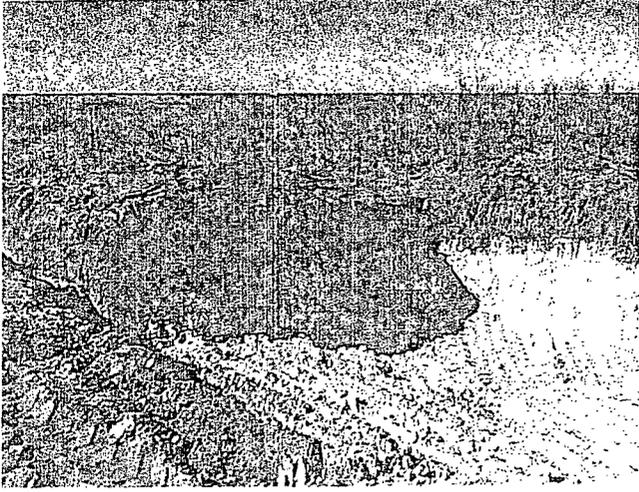
8 & # 9 EXCAVATION



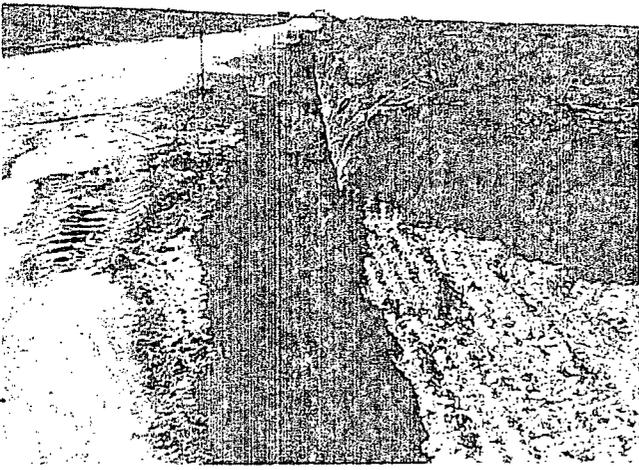
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All # 8 & # 9 Excavation

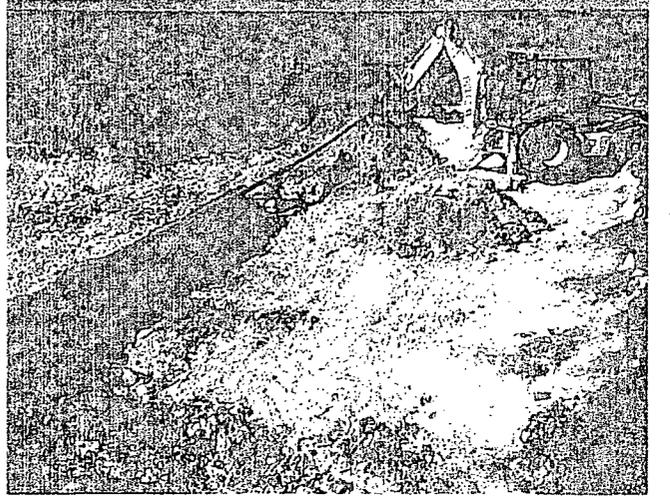
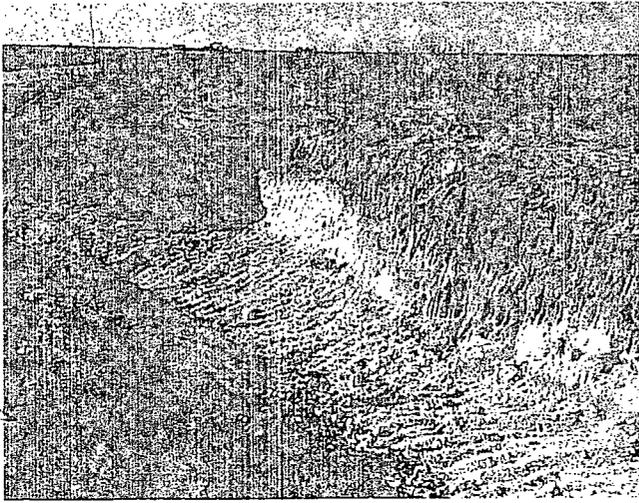
1212



1213



1214



5 & # 11 - Back Fill - Caliche



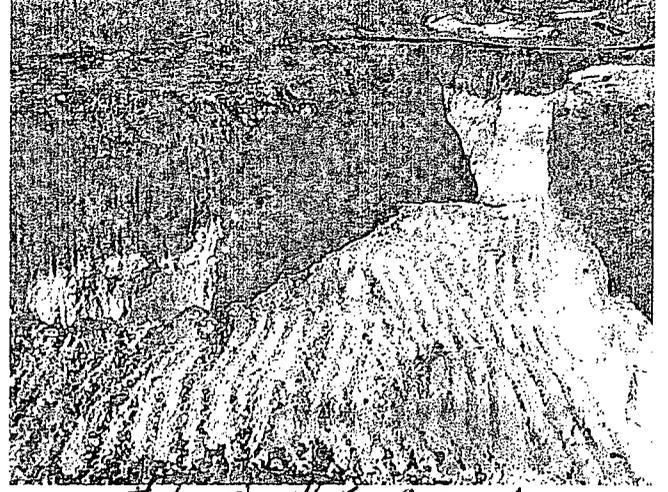
5 Back Fill Caliche

8 & # 9 Back Fill - Caliche



Bore Rig For # 2

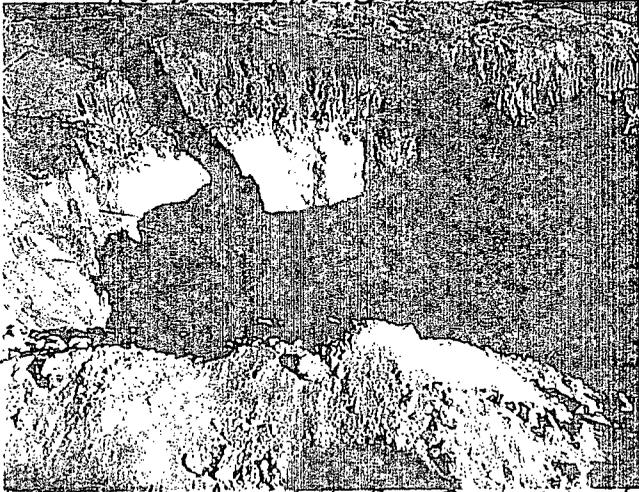
1 & # 5 - Excavation



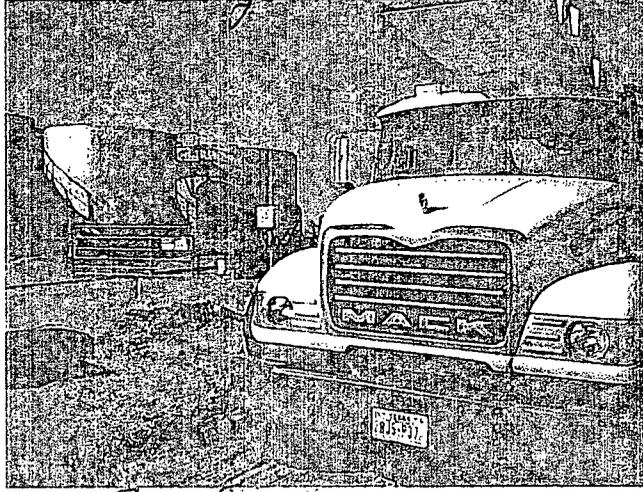
1 & # 5 Excavation

1-2-11

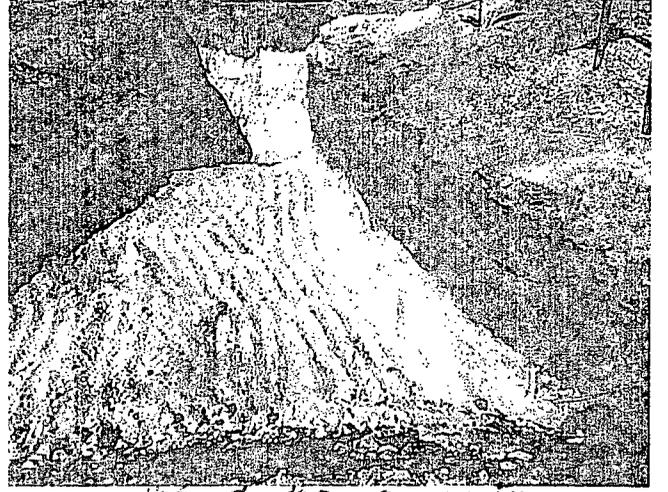
Oxy T-CONE Fea #1



North of access RD Back Fill Caliche

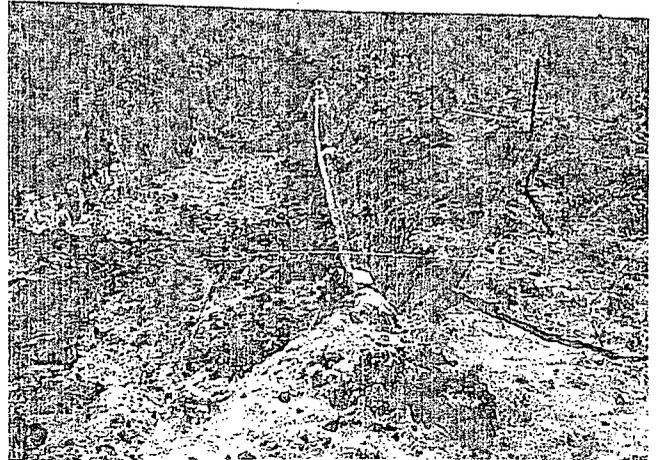
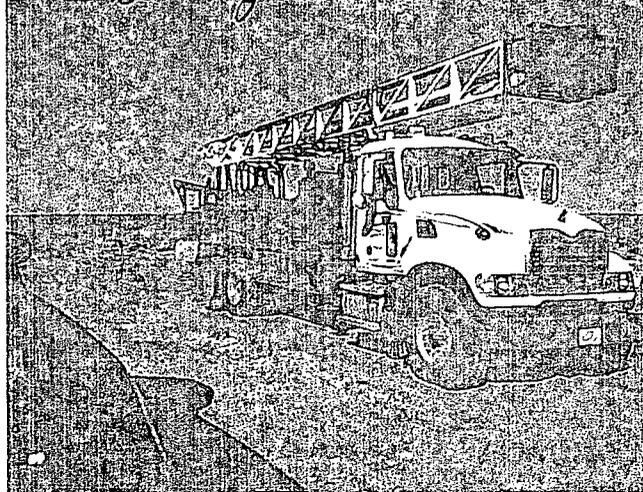
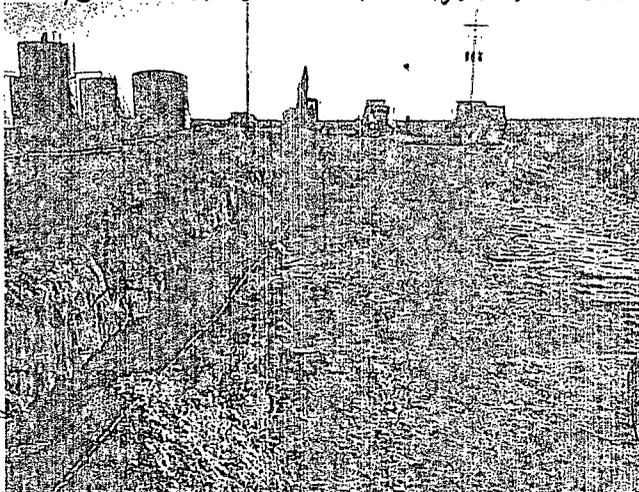


Bore Rig # 2

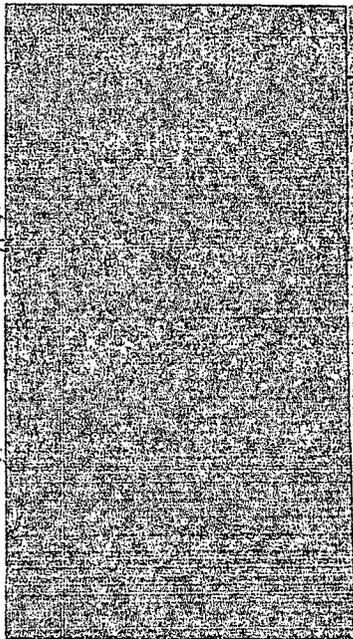


6 & # 7 Excavation

fusion oil



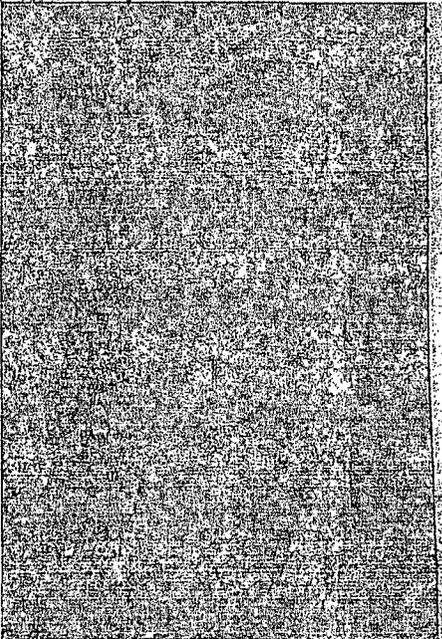
Access RD ADJN of #8 & #7
Back Fill



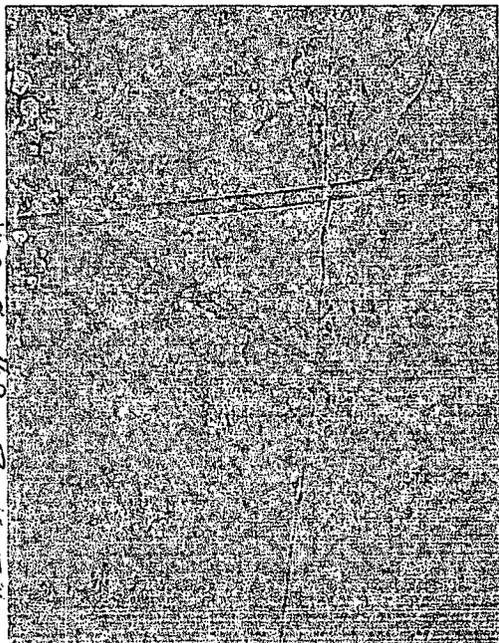
#11 - Back Fill



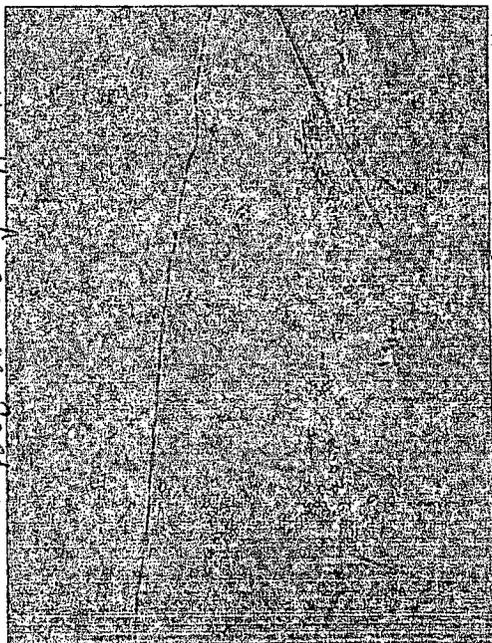
#12 - Back Fill



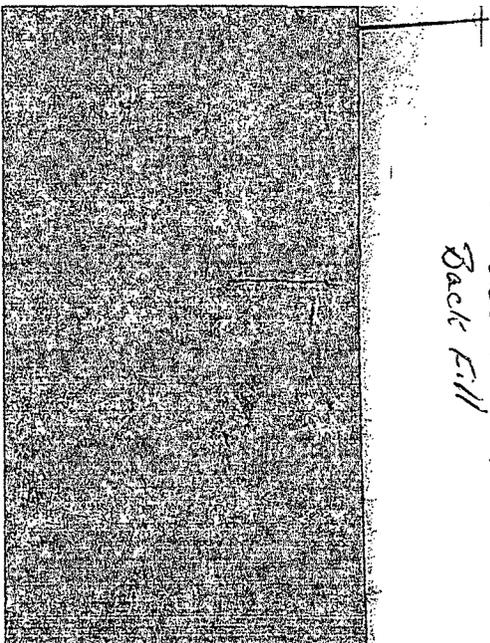
#8 & #9 - Back Fill



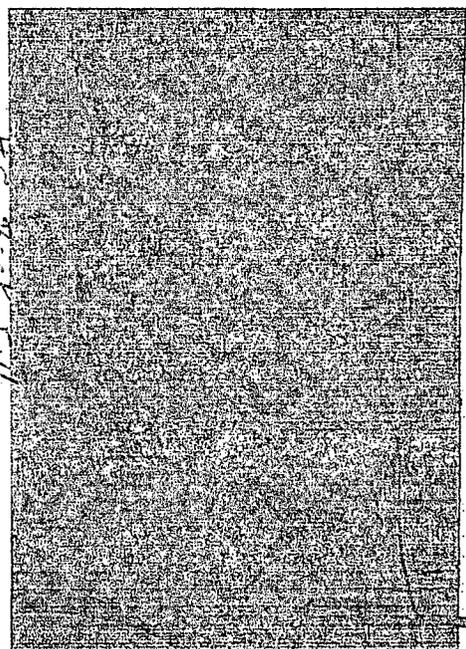
#8 & #9 - Back Fill



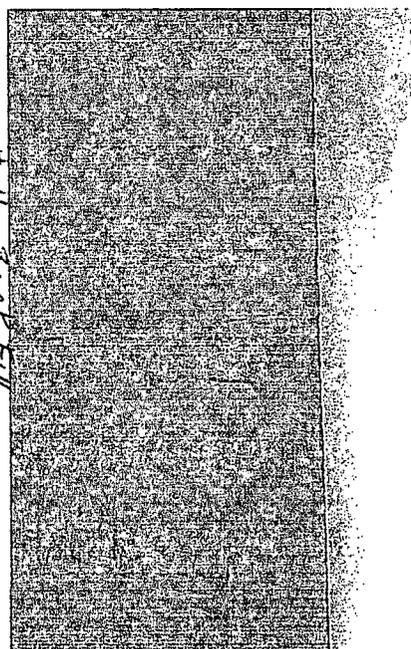
South of Access Road -
Back Fill



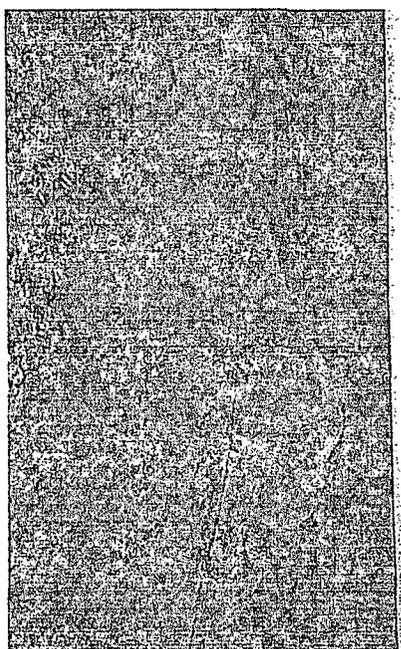
#1 & #5 Back Fill



#5 Back Fill



#11 Back Fill

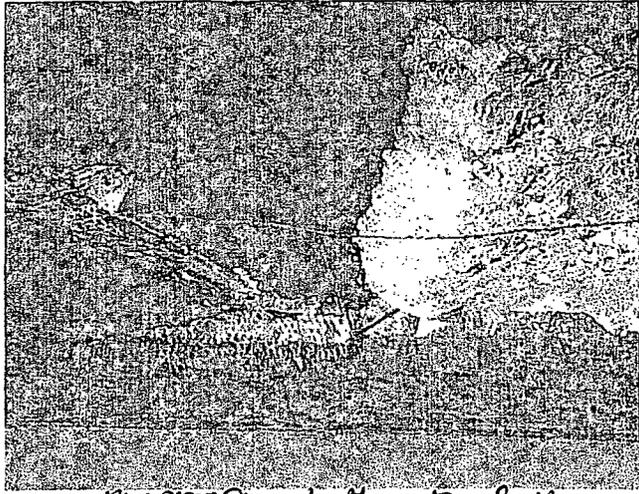


Access Rd

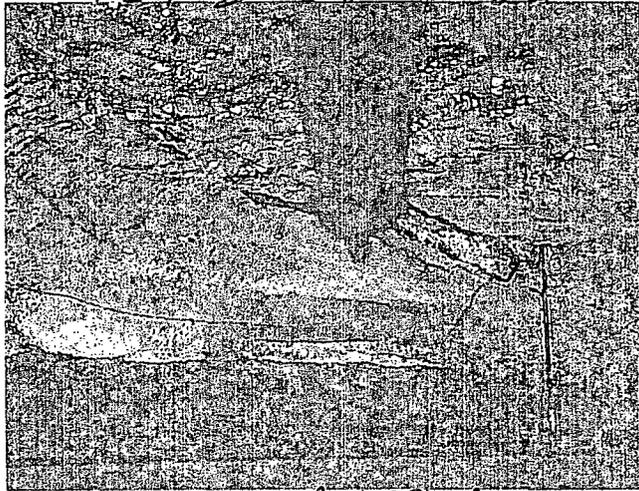
X-1-12 North side with...



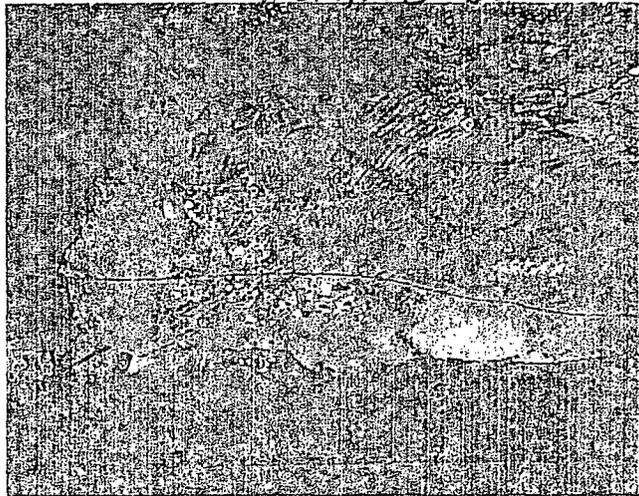
#9 Back Fill



#8 a #9 Back Fill



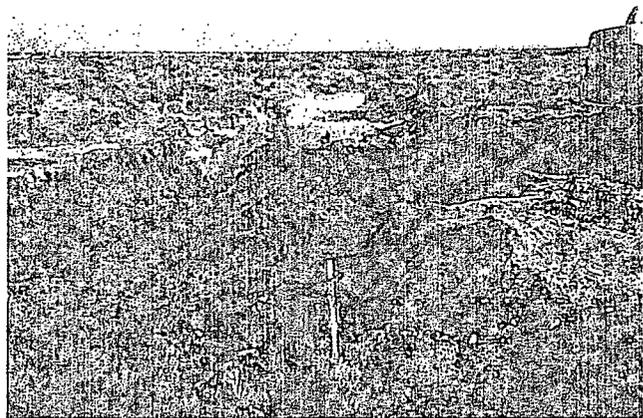
#8 Back Fill



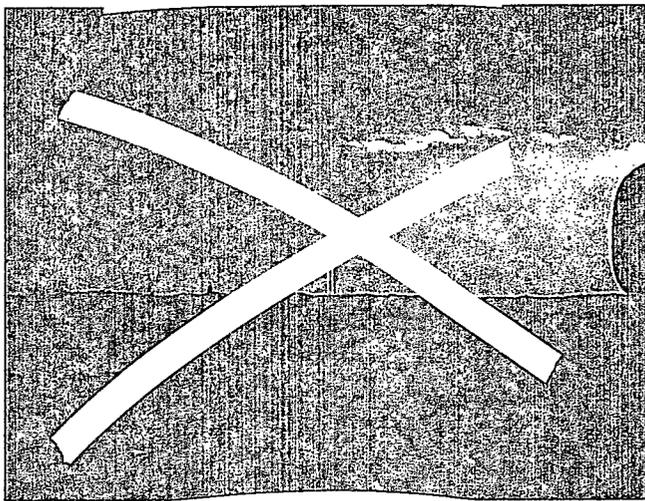
#8 Back Fill

Quarries on left & right side of road

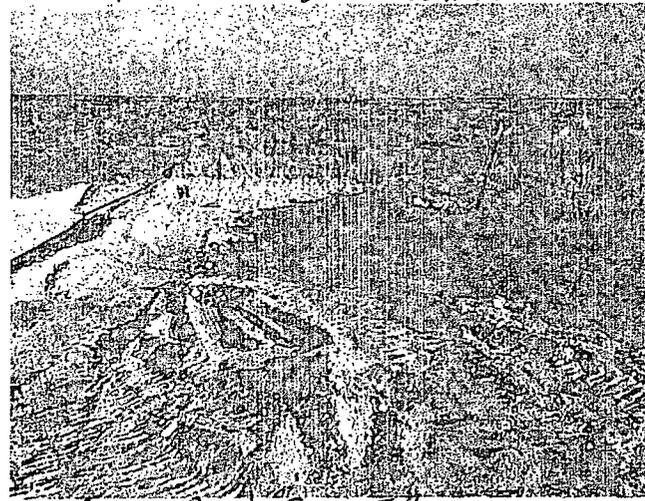
#1 NORTH OF BATTERY



#2 North of Battery



#7 DUCK CREEK WITH UGLIONE

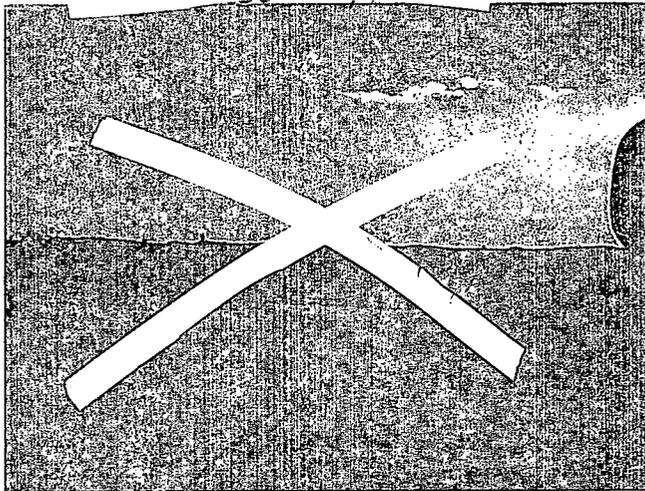


ACCESS ROAD BACK FILL

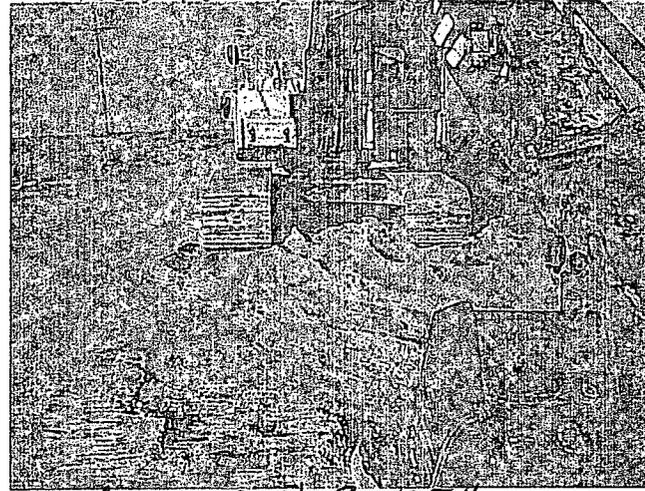
QUAD 011 - WY 1 NEW 100 2-7-12



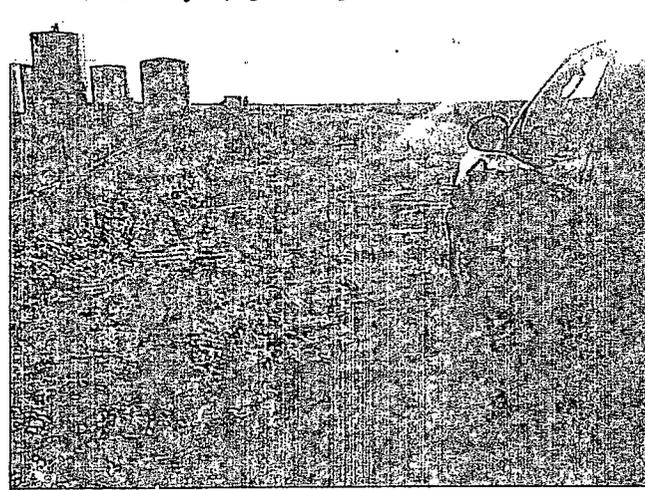
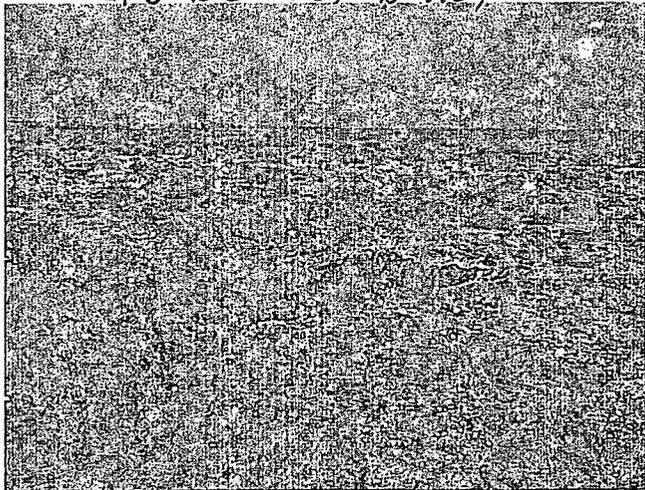
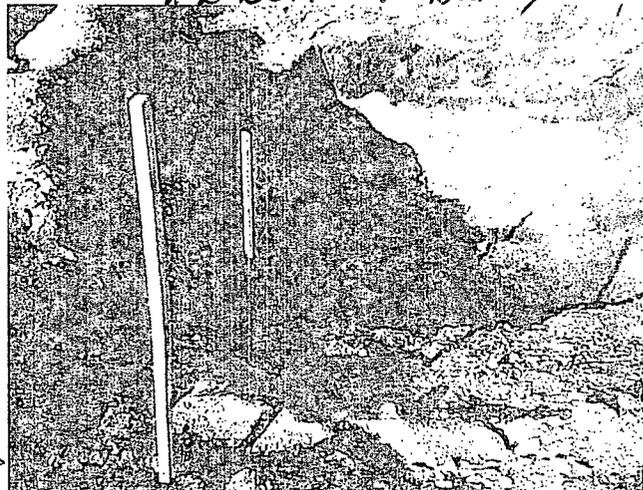
#2 North of Battery

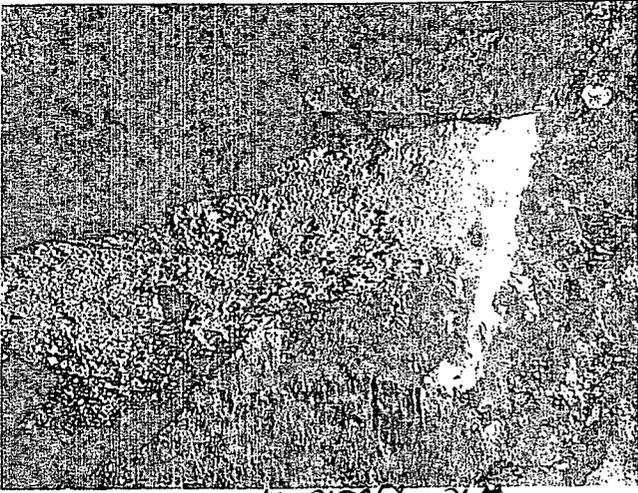


#3 North of Battery

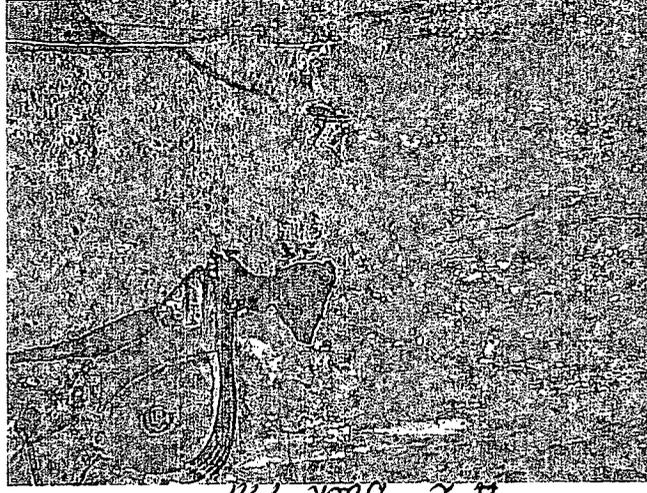


ACCESS ROAD BACK FILL





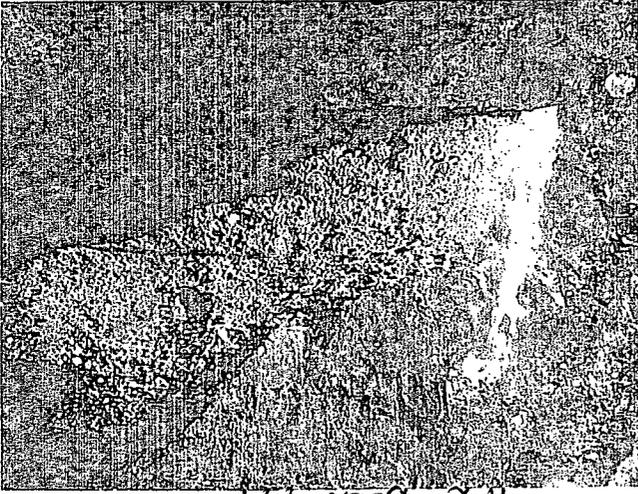
#2 Back Fill



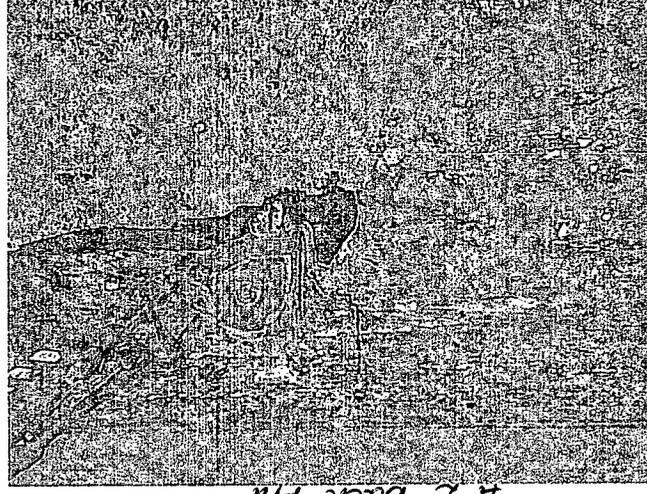
#2 Back Fill



#2 Layer 2-20 mil layers



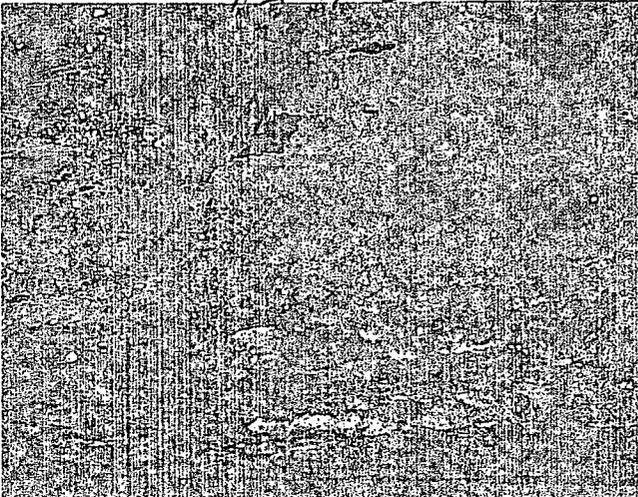
#2 Back Fill



#2 Back Fill



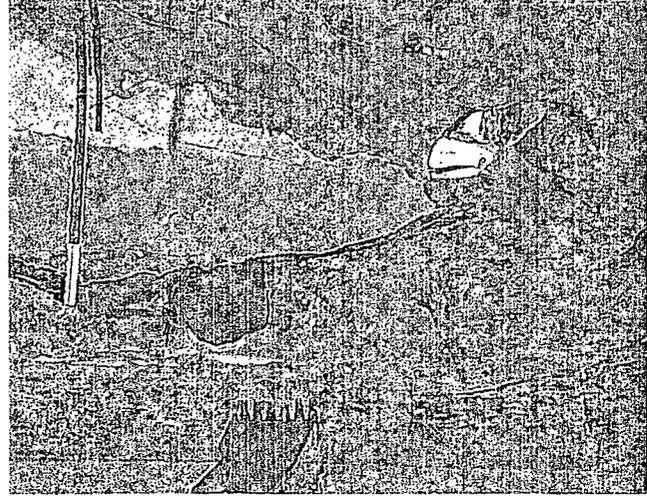
#2 Layer 2-20 mil layers



#2 Back Fill

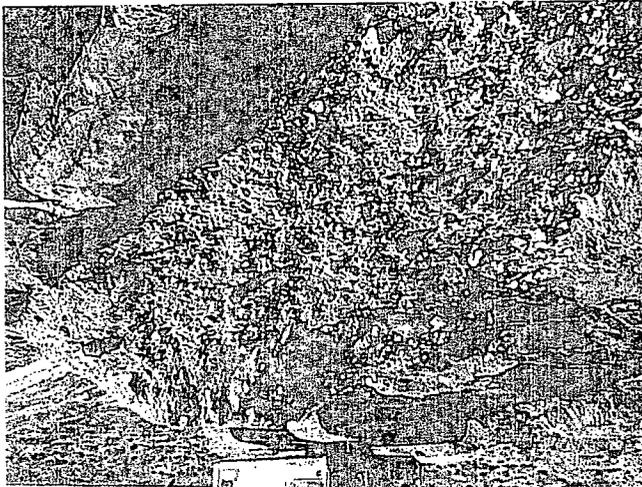


#2 Back Fill

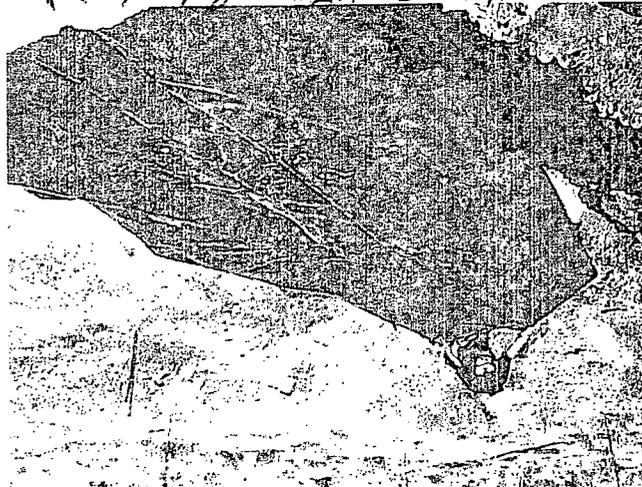


#2 Layer 2-20 mil layers

Judas oil - Oxy 1-DOUC red #1 - 2-13-12



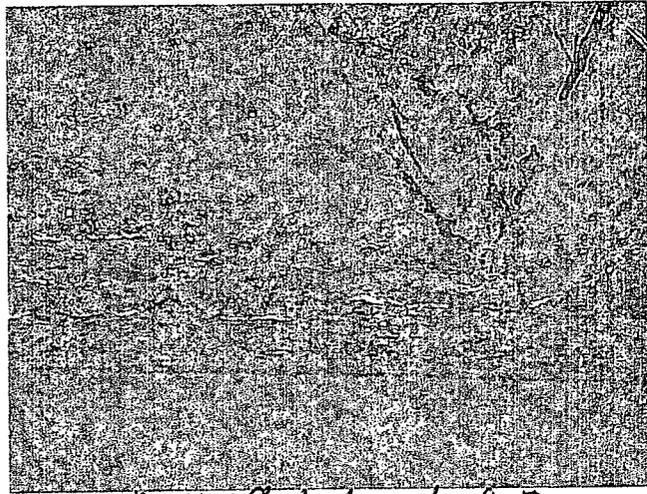
#2 BACKFILL - 11 log lines



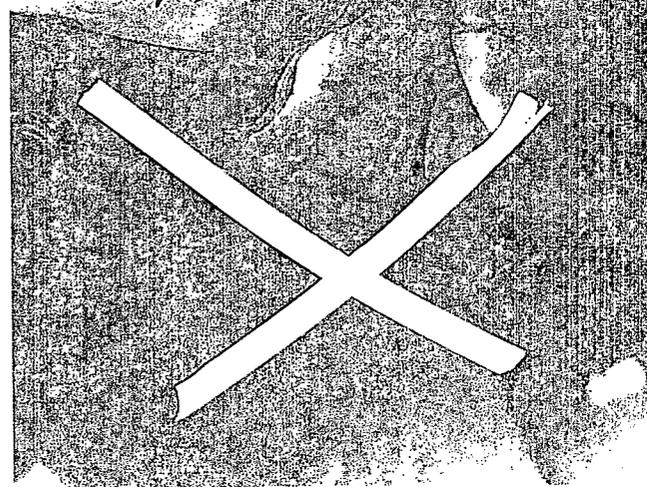
#3 BACKFILL - 11 log lines



#4 BACKFILL - 11 log lines



#5 BACKFILL



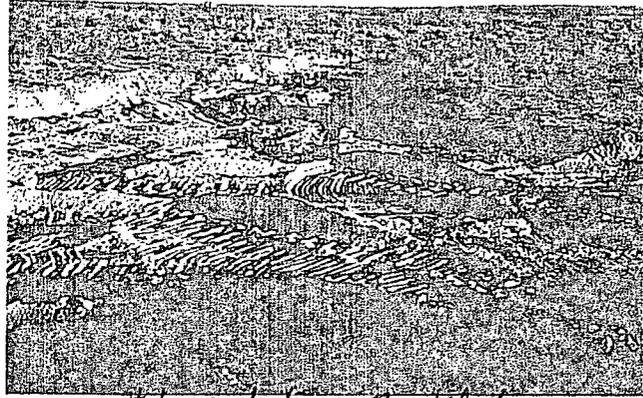
#6 BACKFILL

JUDAH 011 - CXY 1-1300C Feb 91 - 8-10-12

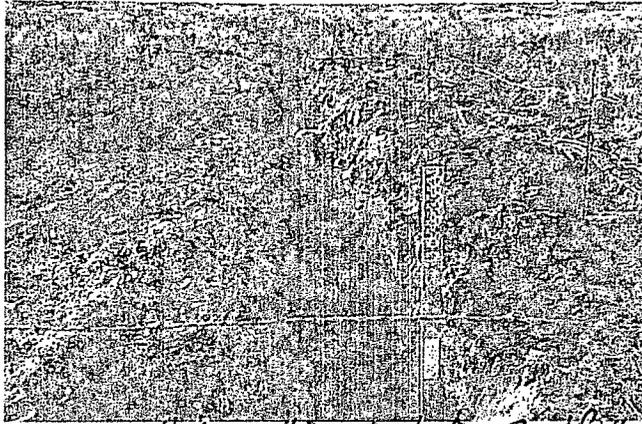
Juan 04 - 04 1-1000e record #1 - 7-27-12

#6 & #7 caliche Backfill

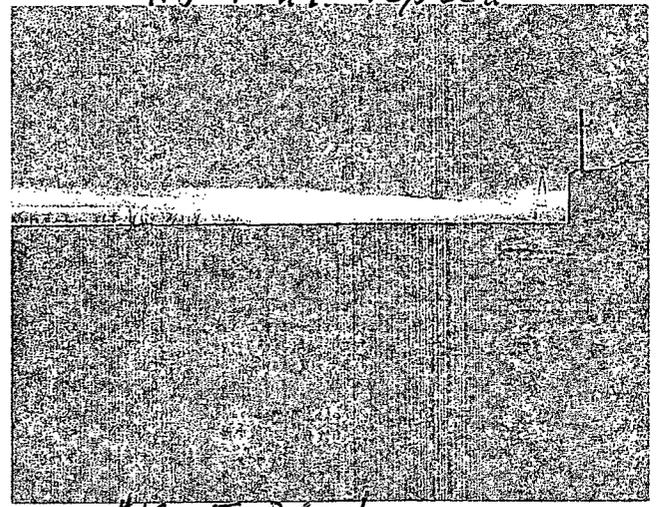
#10 & #11 Top Soil



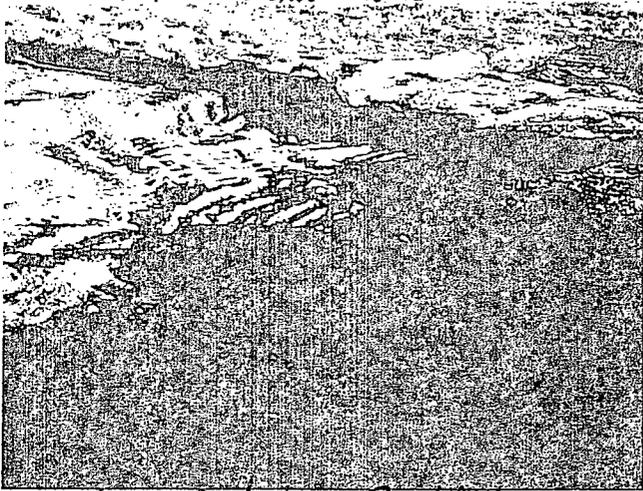
#4 caliche Backfill



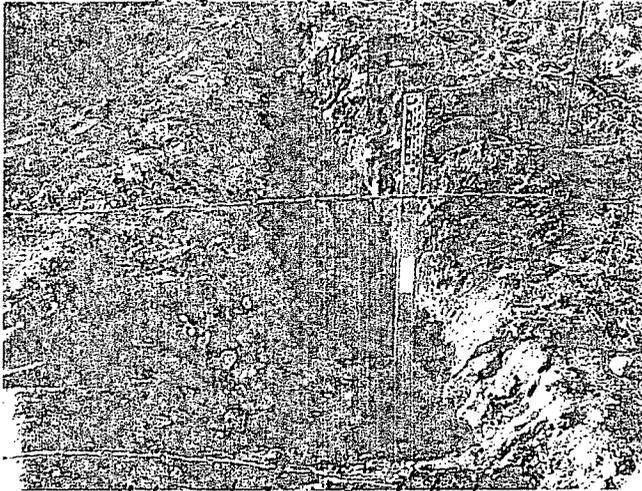
#6 & #7 Caliche Backfill



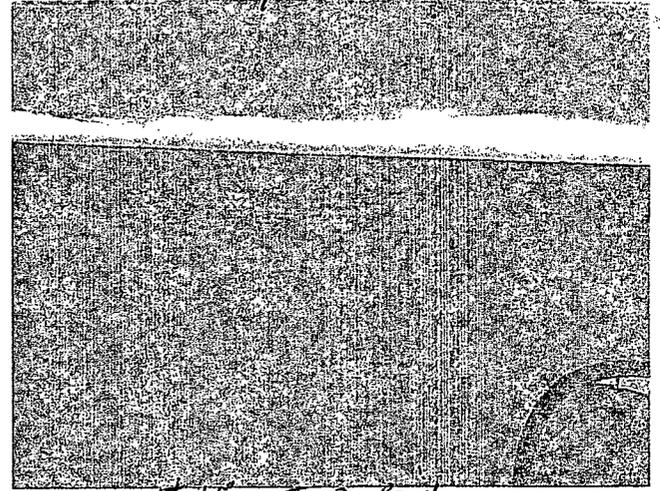
#12 Topsoil



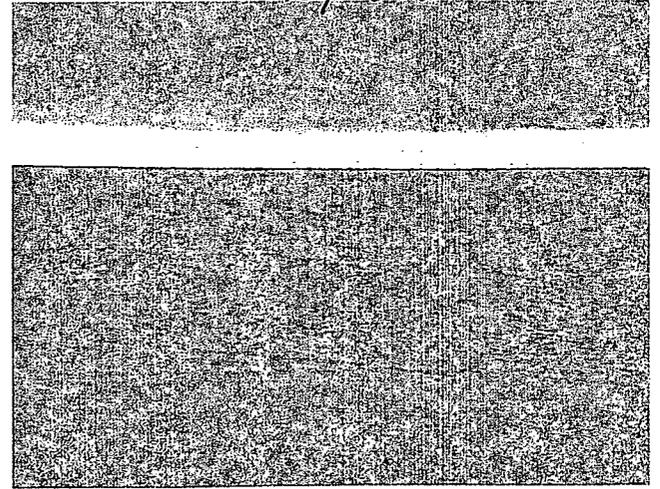
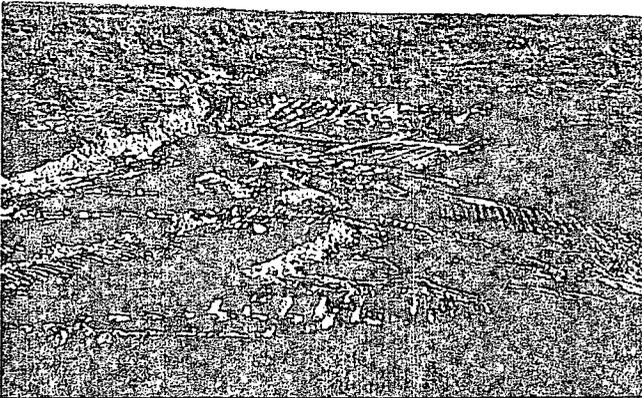
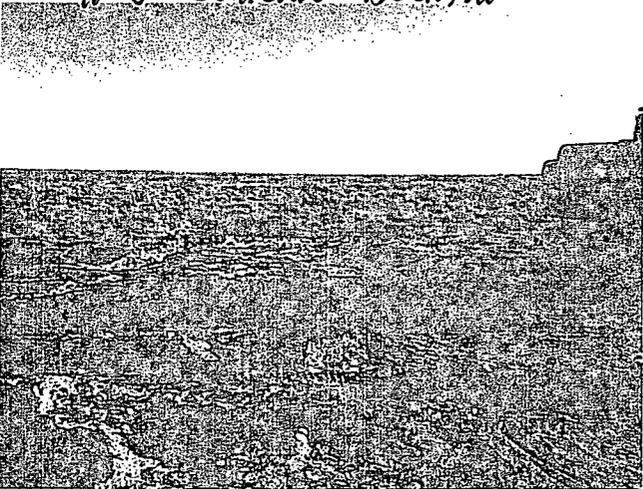
#3 Caliche Backfill



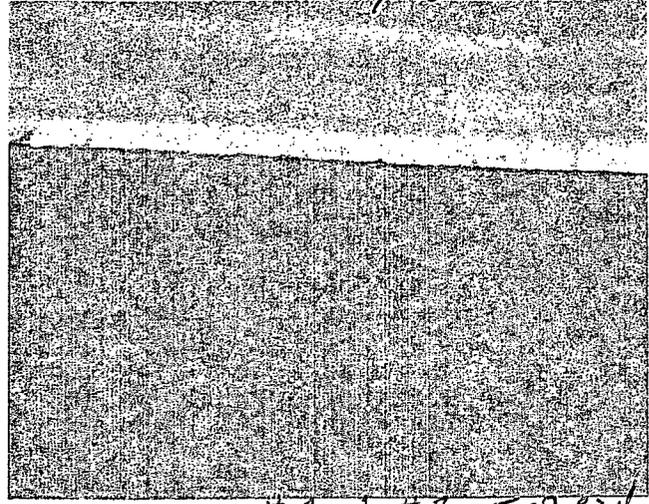
#4 Caliche Backfill



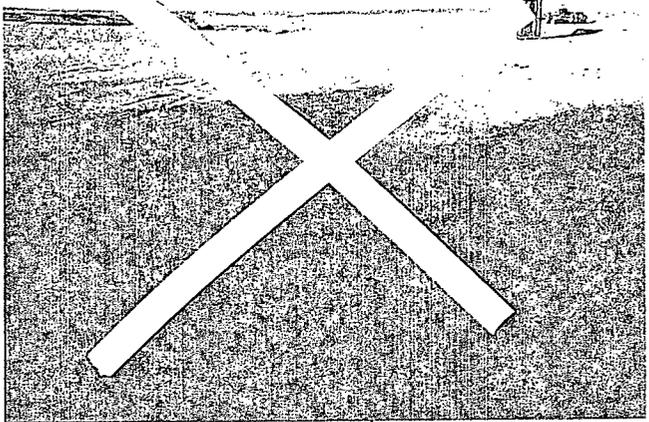
#15 Top Soil



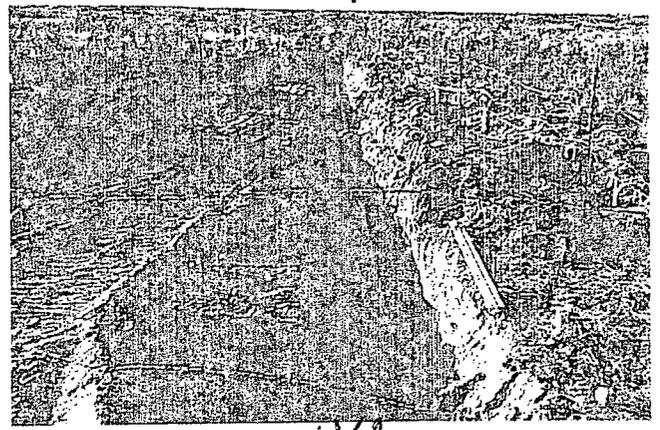
#10 Top soil



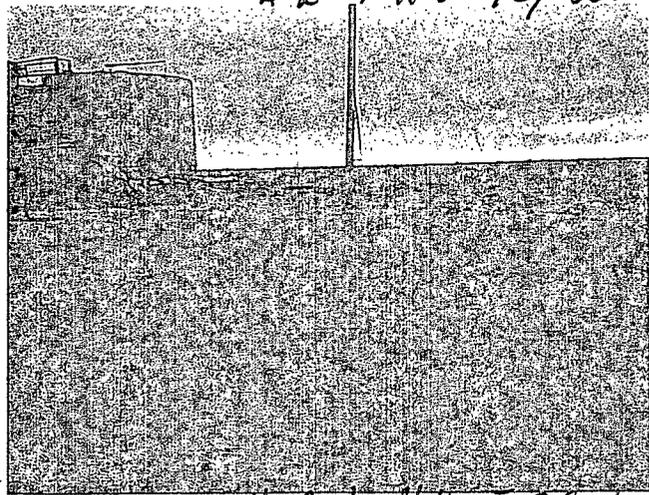
N/A



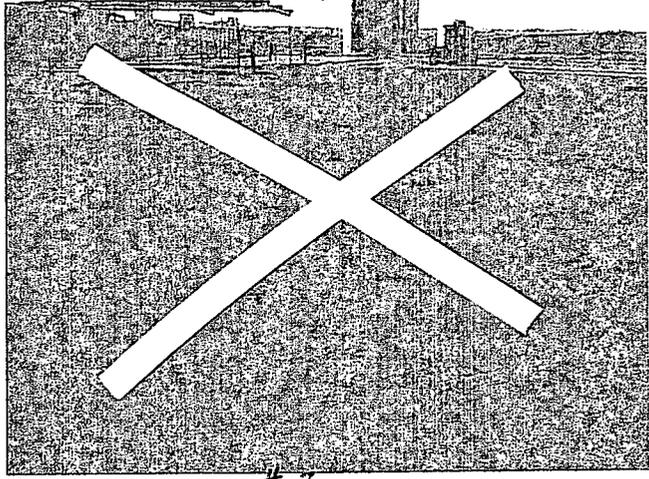
#6 & #7 caliche backfill



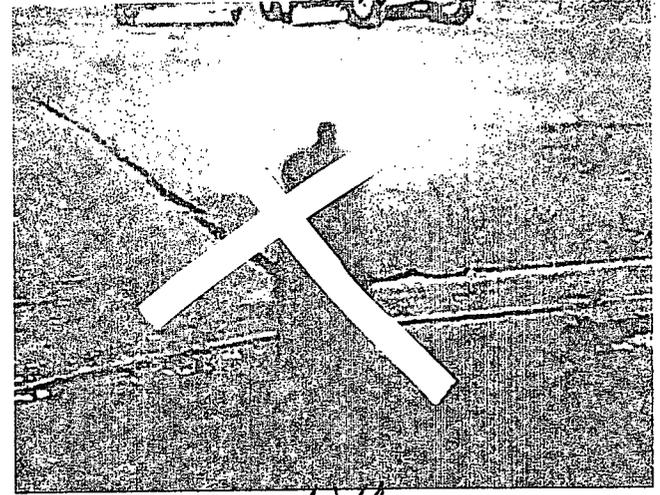
#2 & #3 Top soil



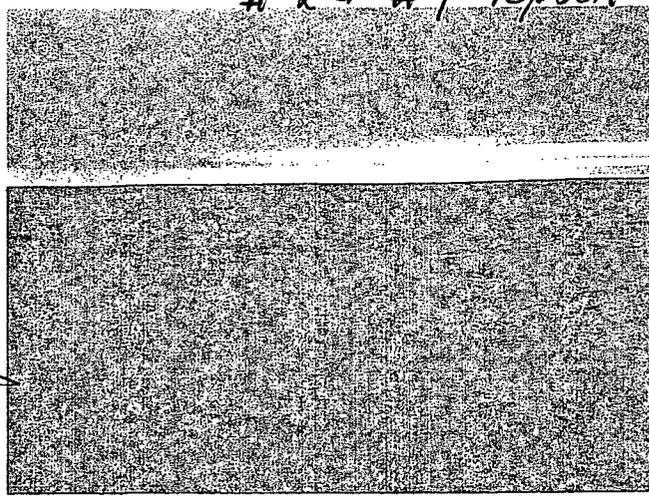
N/A



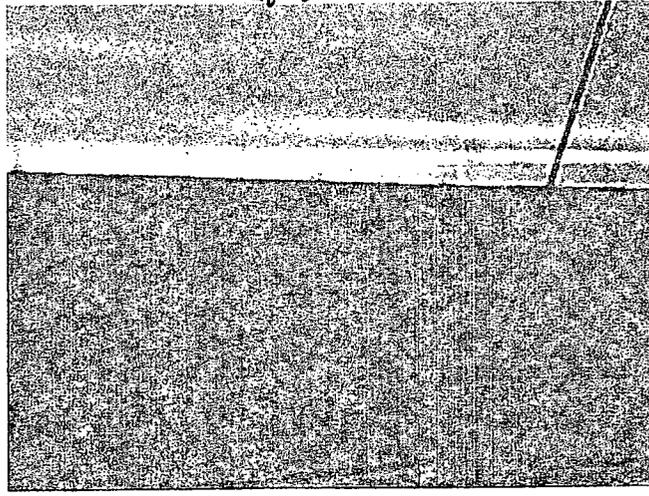
N/A



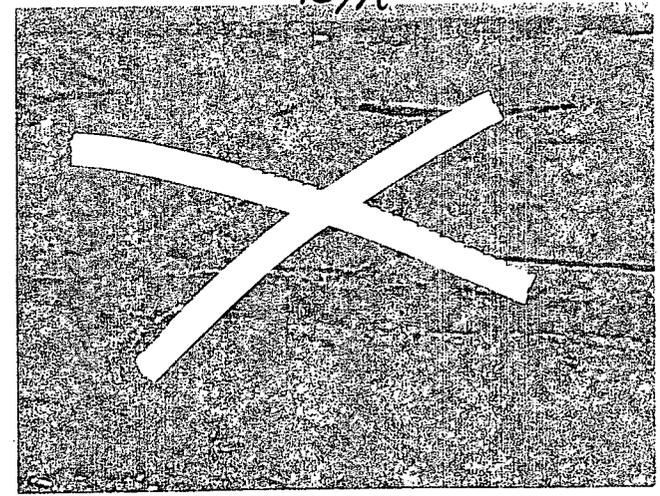
#2 & #4 Top soil



#5

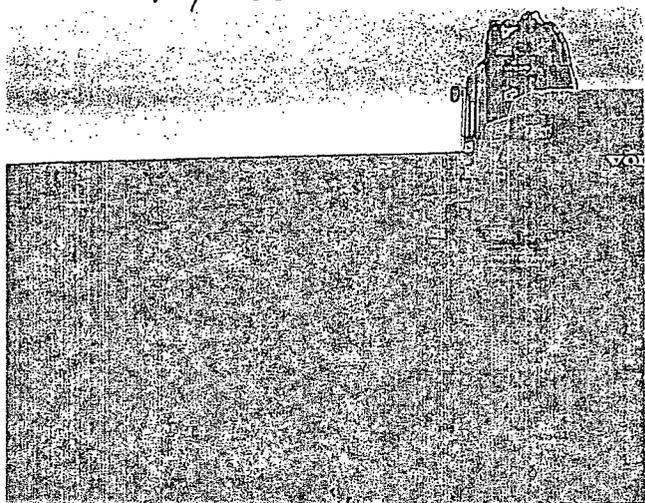


N/A



WLLP 8-2-77
100
fluid soil - only 1-2 days red soil

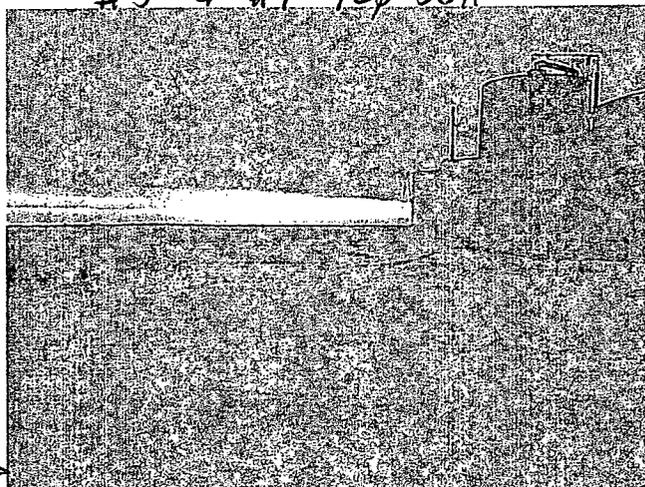
judah oil - oxy 1-30000 tea #1 #2 - 1/4



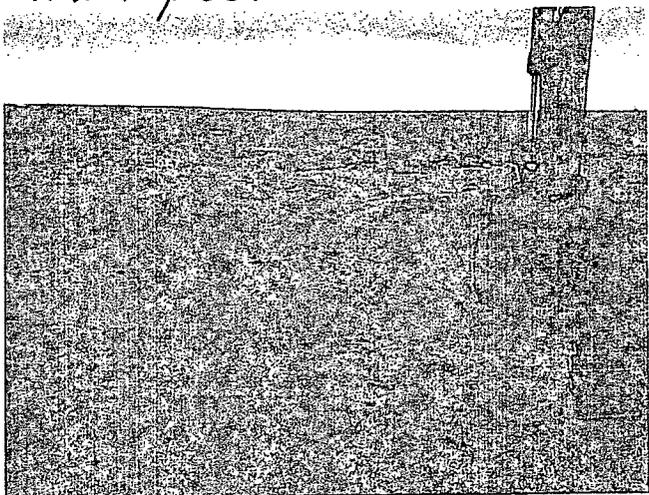
#2 Top soil



#3 & #1 Top soil



#2 Top soil

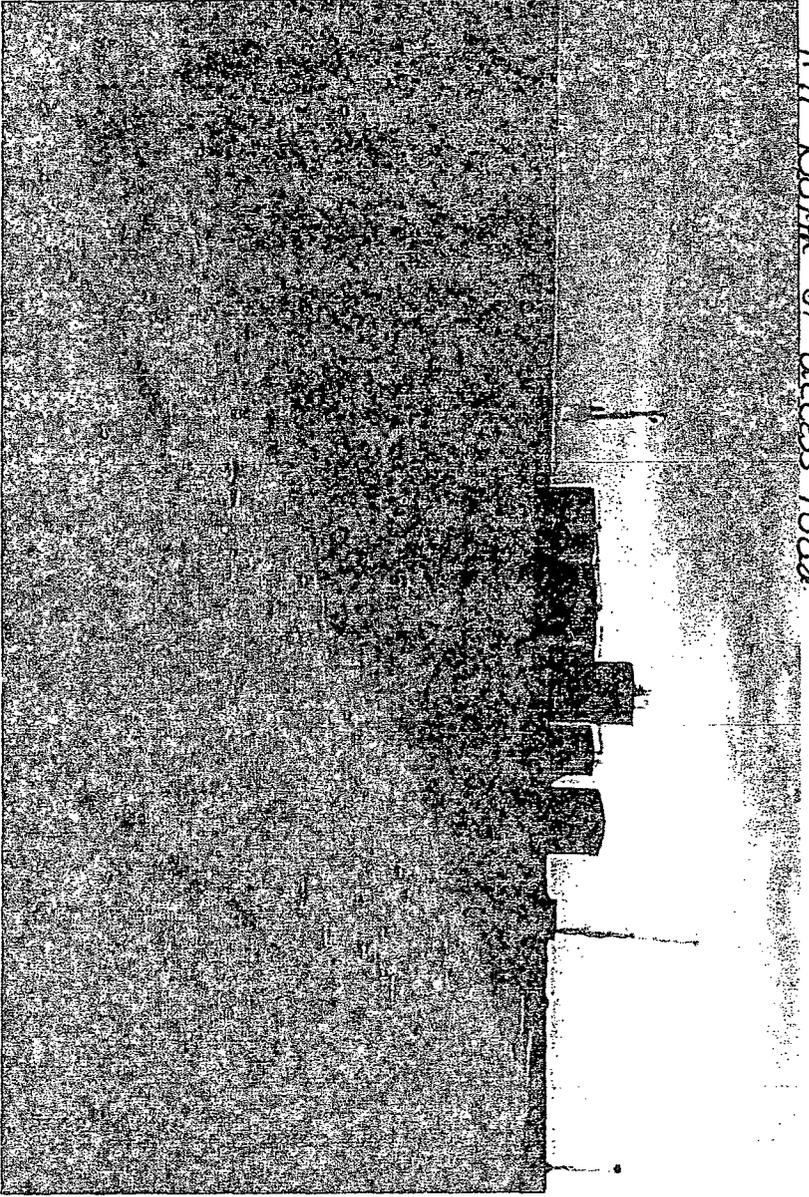


**TNT BACKHOE SERVICE
P.O. BOX 133
ARTESIA, NM 88210
505-365-7827
505-365-7634**

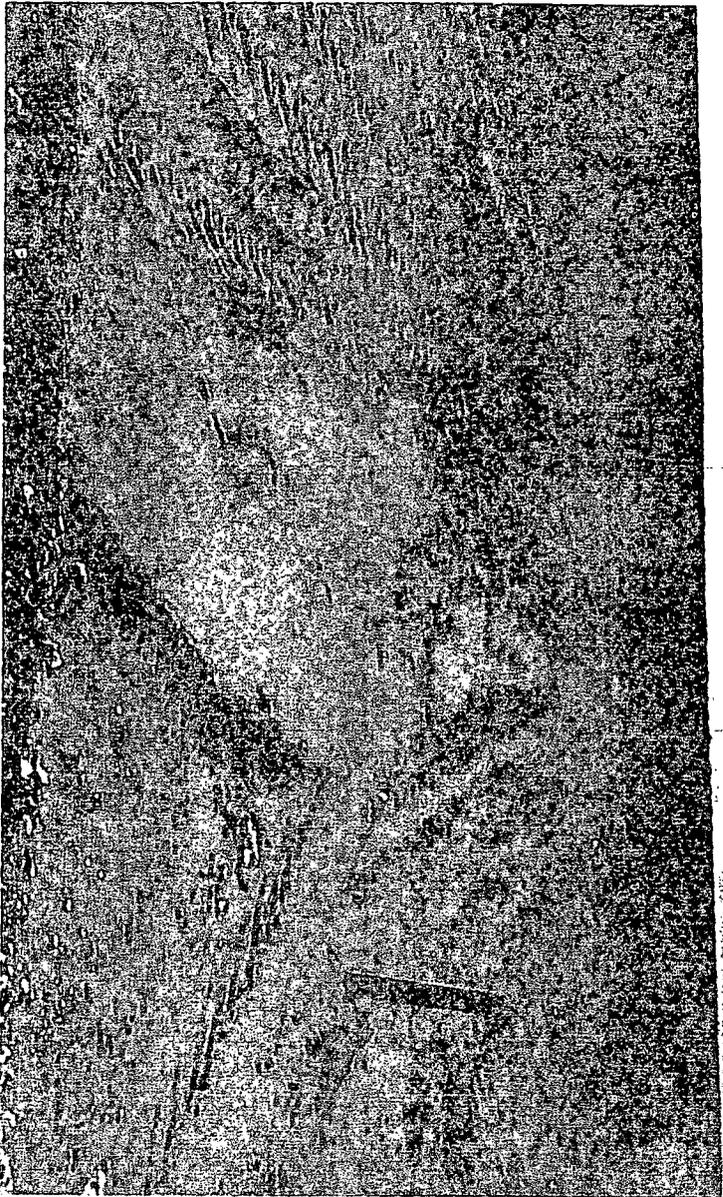
505-746-0807 FAX

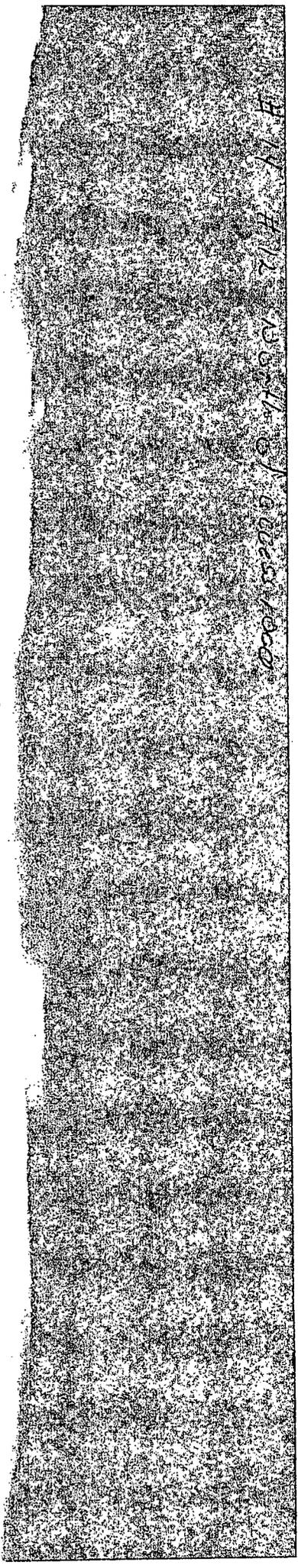
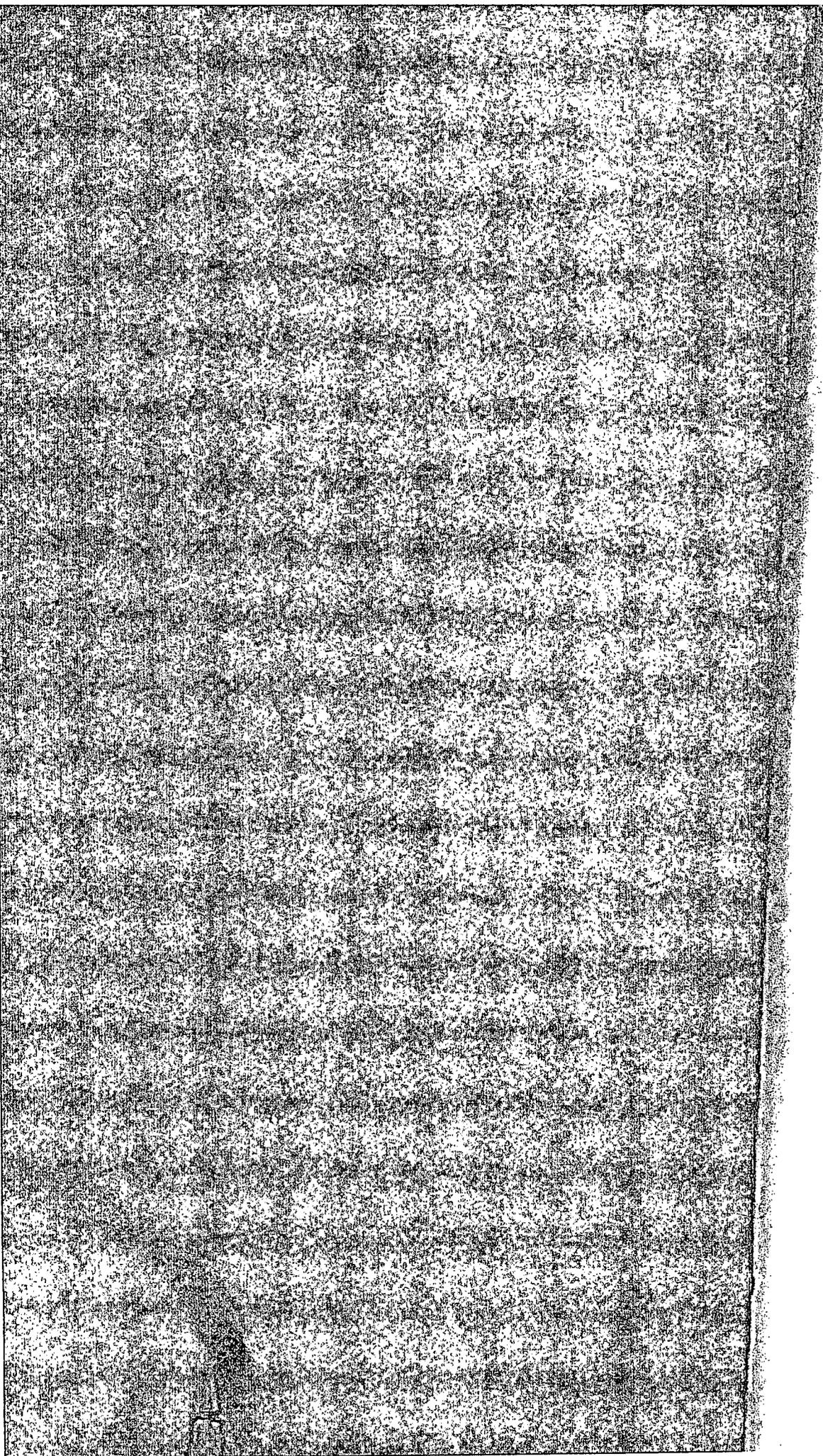
Pictures of Top soil "Blow Sand"

#11 North of access road



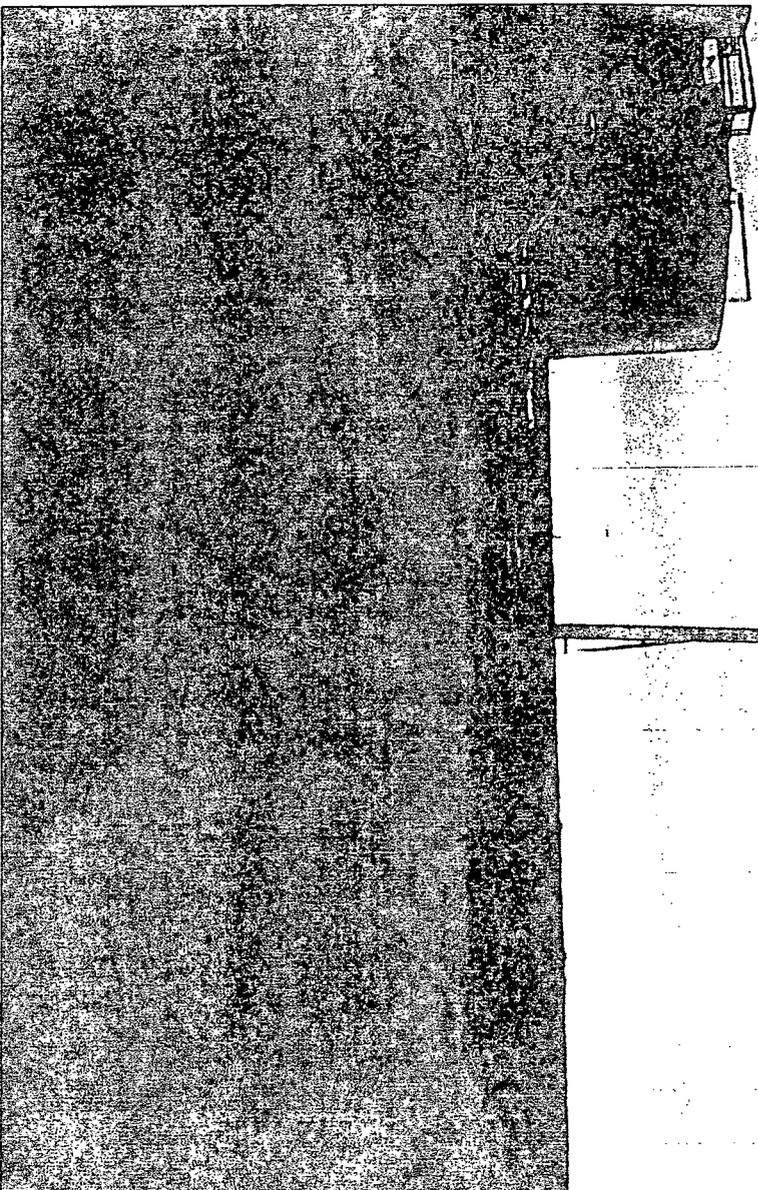
#C - 47 South of access road



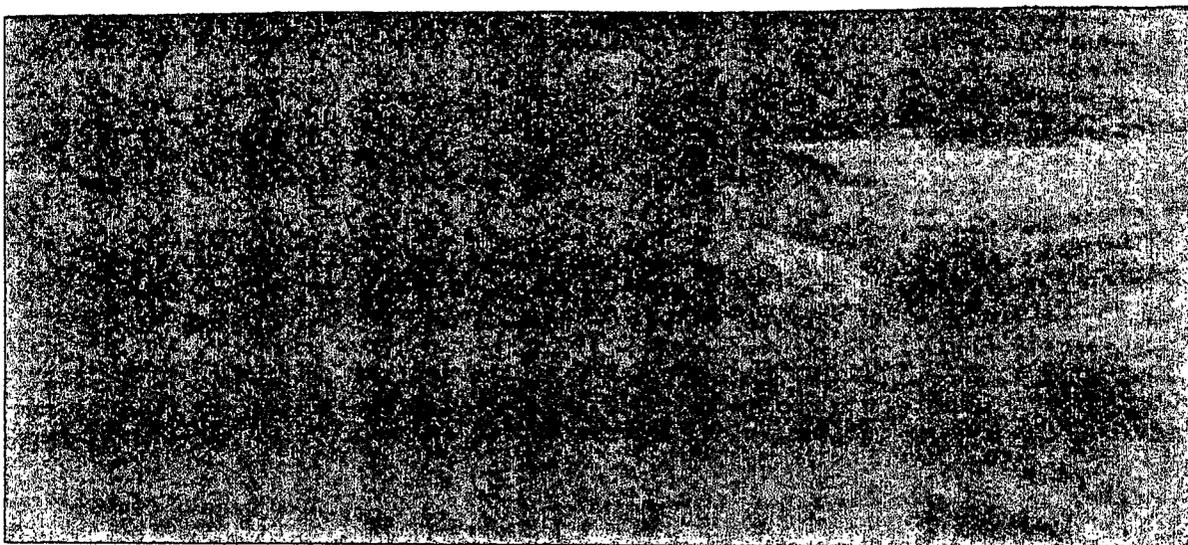


Handwritten text on the right edge of the narrow strip, oriented vertically. The text is difficult to read due to the grainy texture but appears to contain several lines of characters.

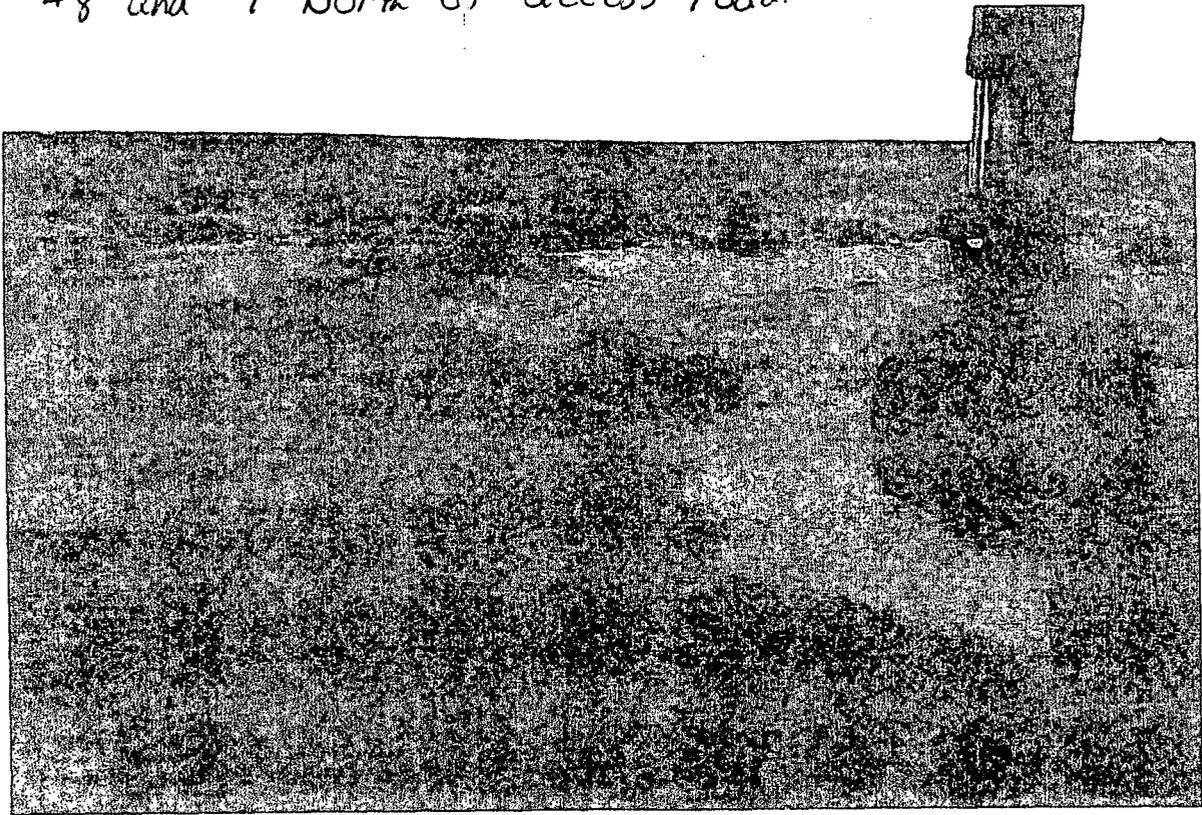
#2 #3 #4 North of Battery

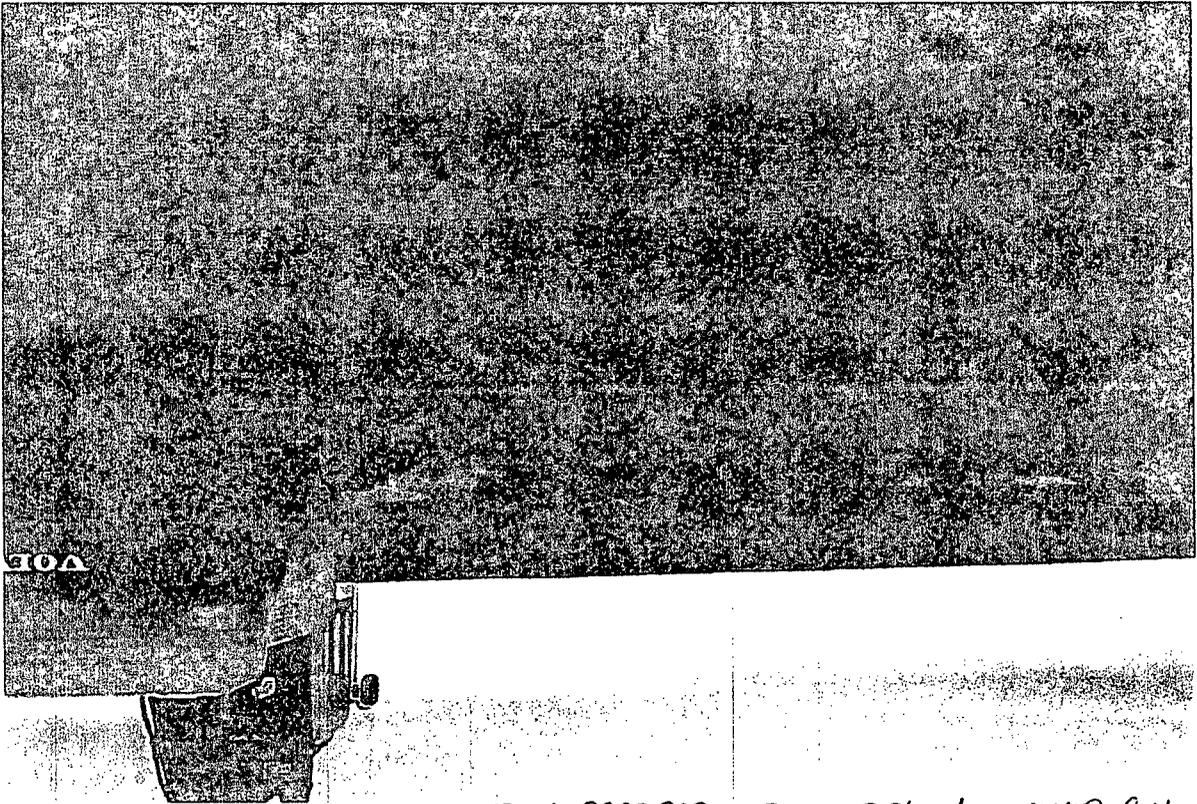


#8 and #9 North of access road.



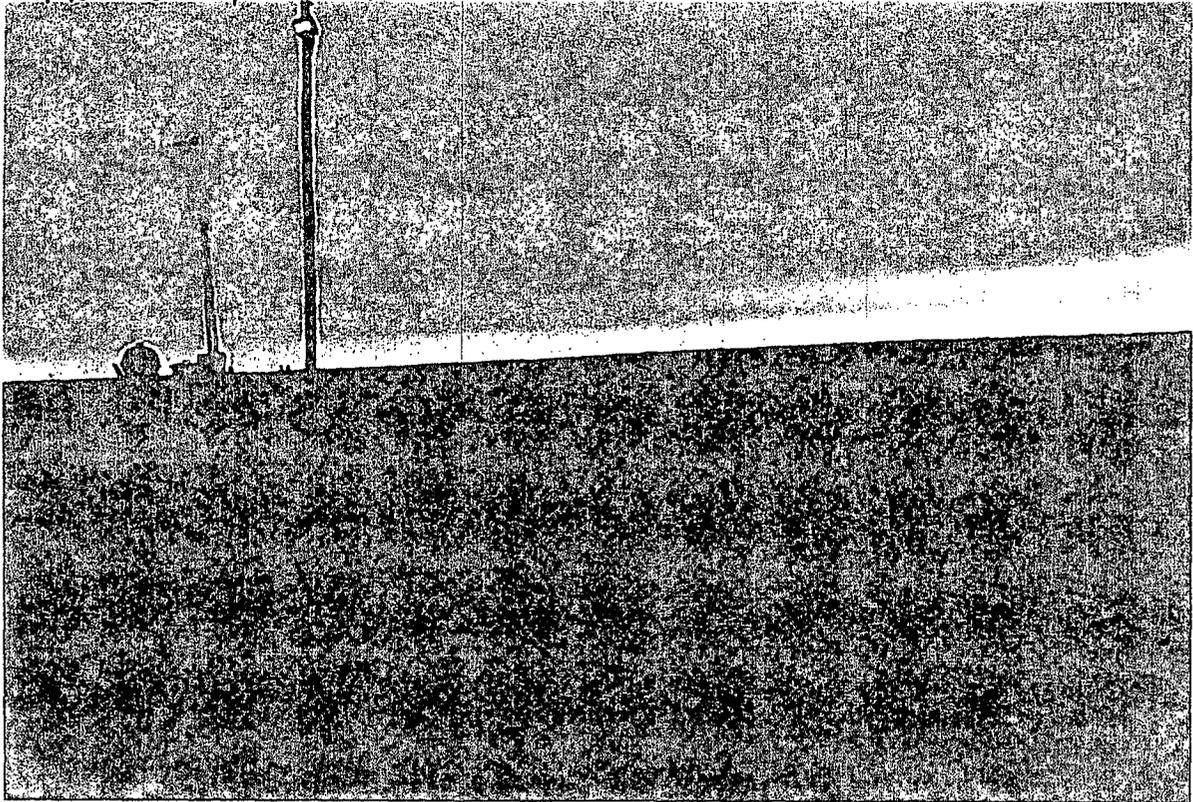
#8 and #9 North of access road.

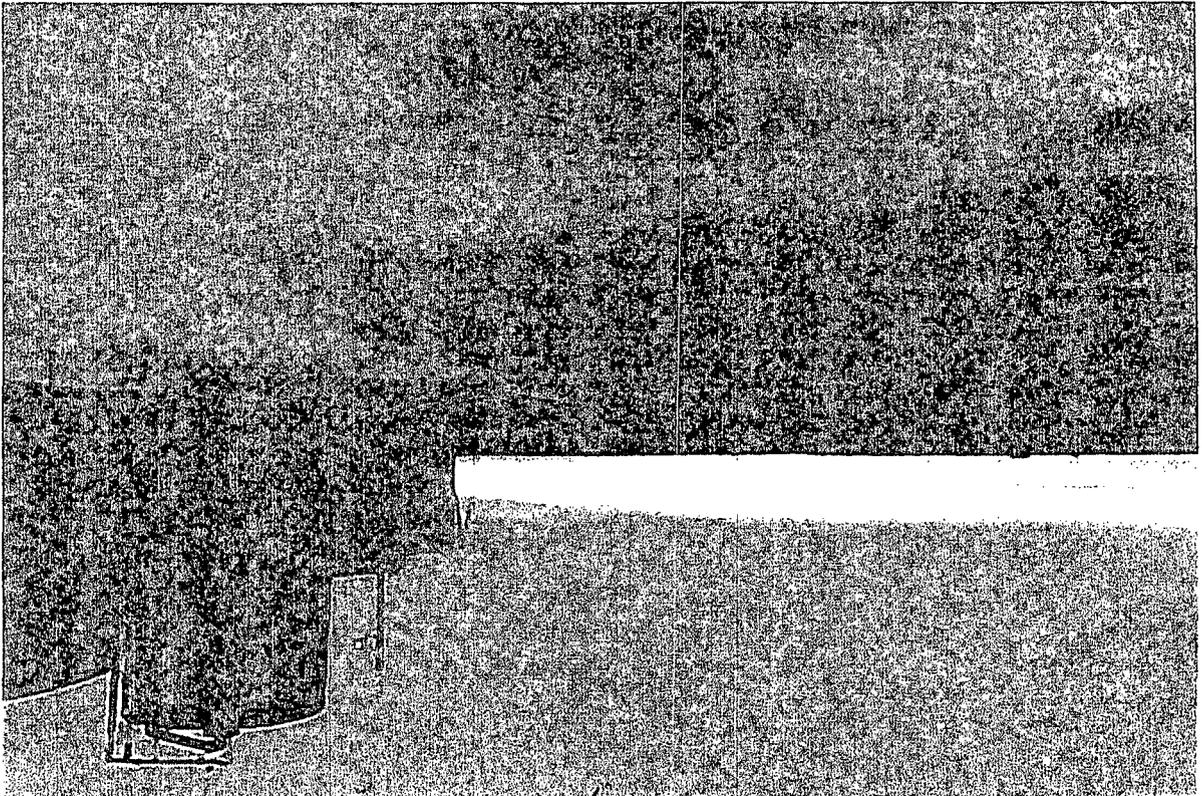




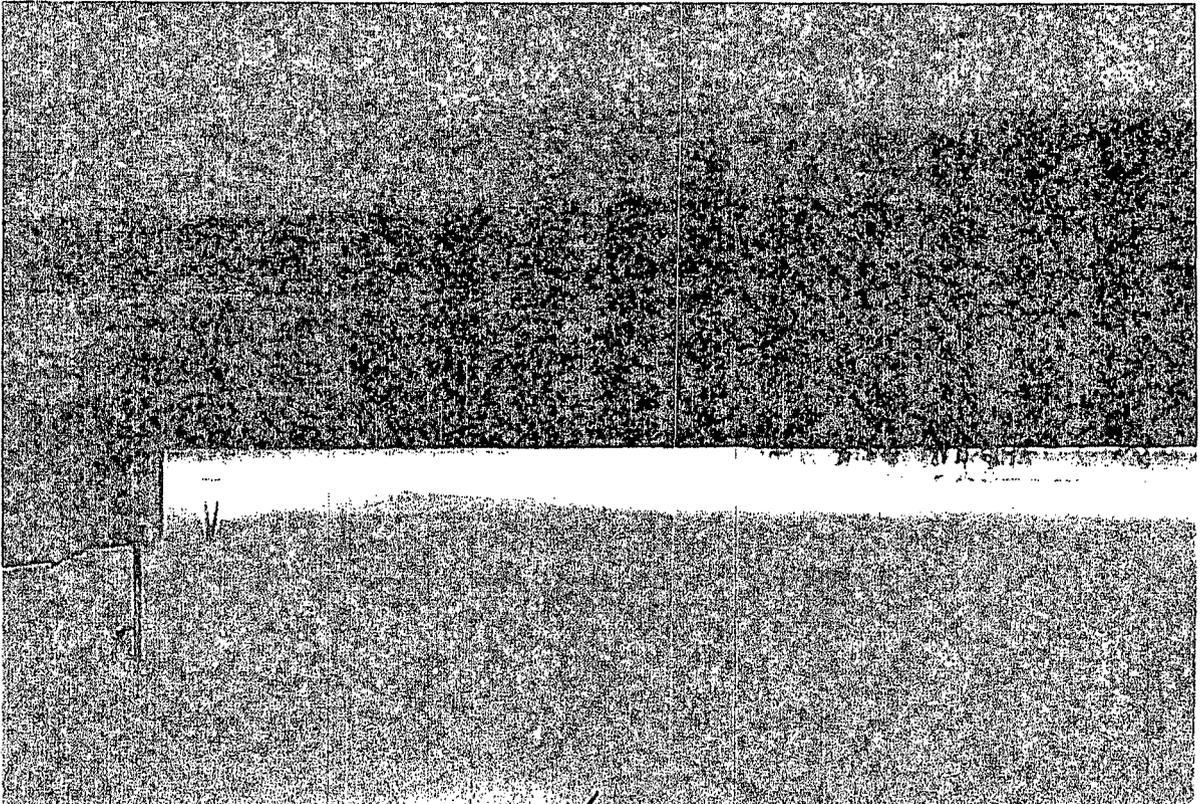
#8 and #9 north of access road.

#2 #3 #4 North of Battery

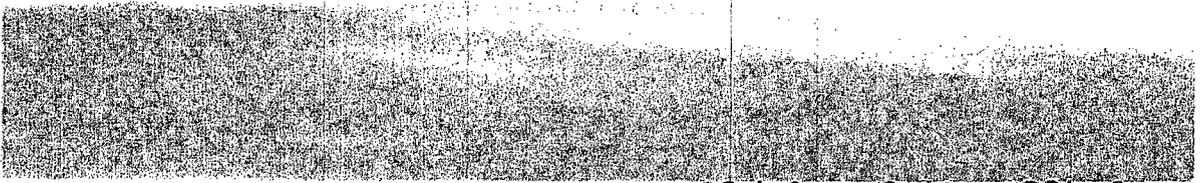
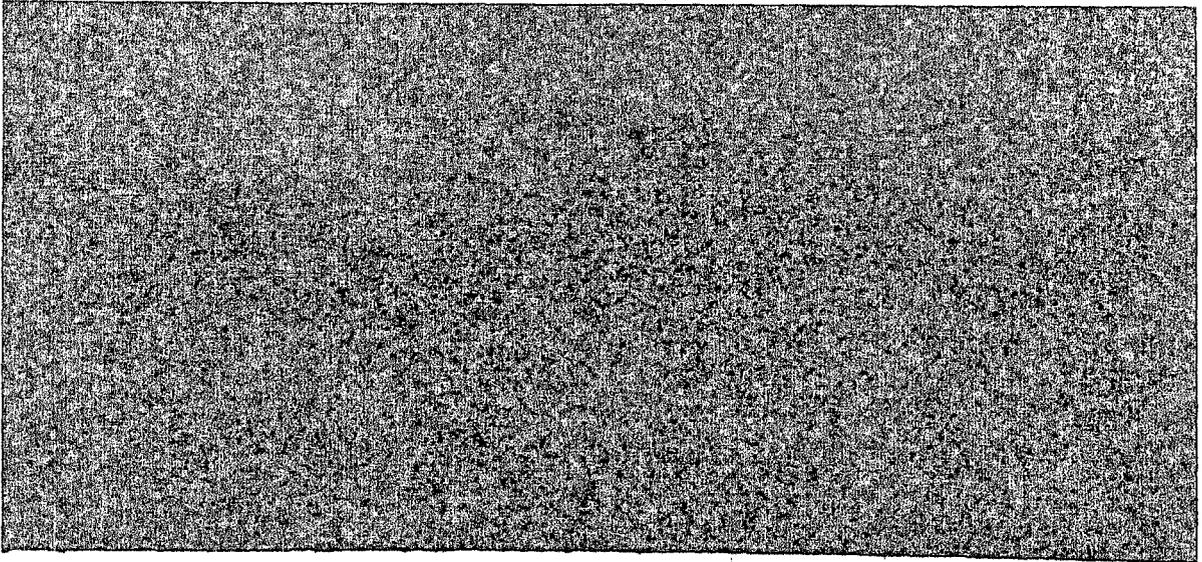




5 and # 1 SW of battery north of access road.

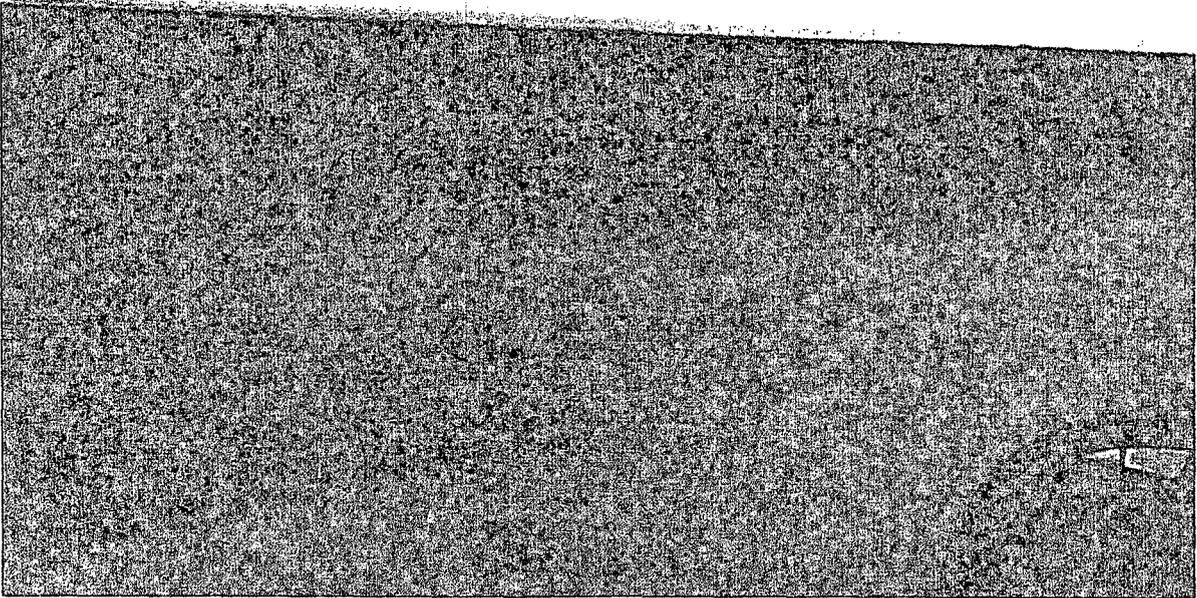
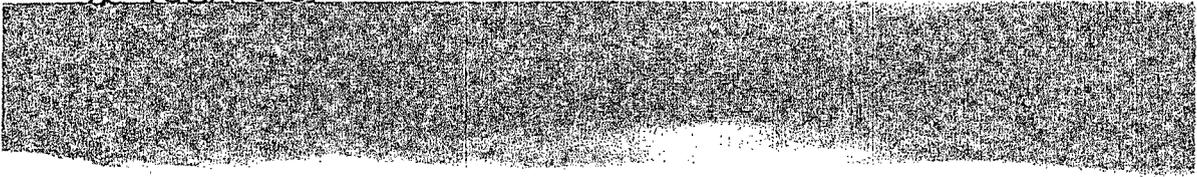


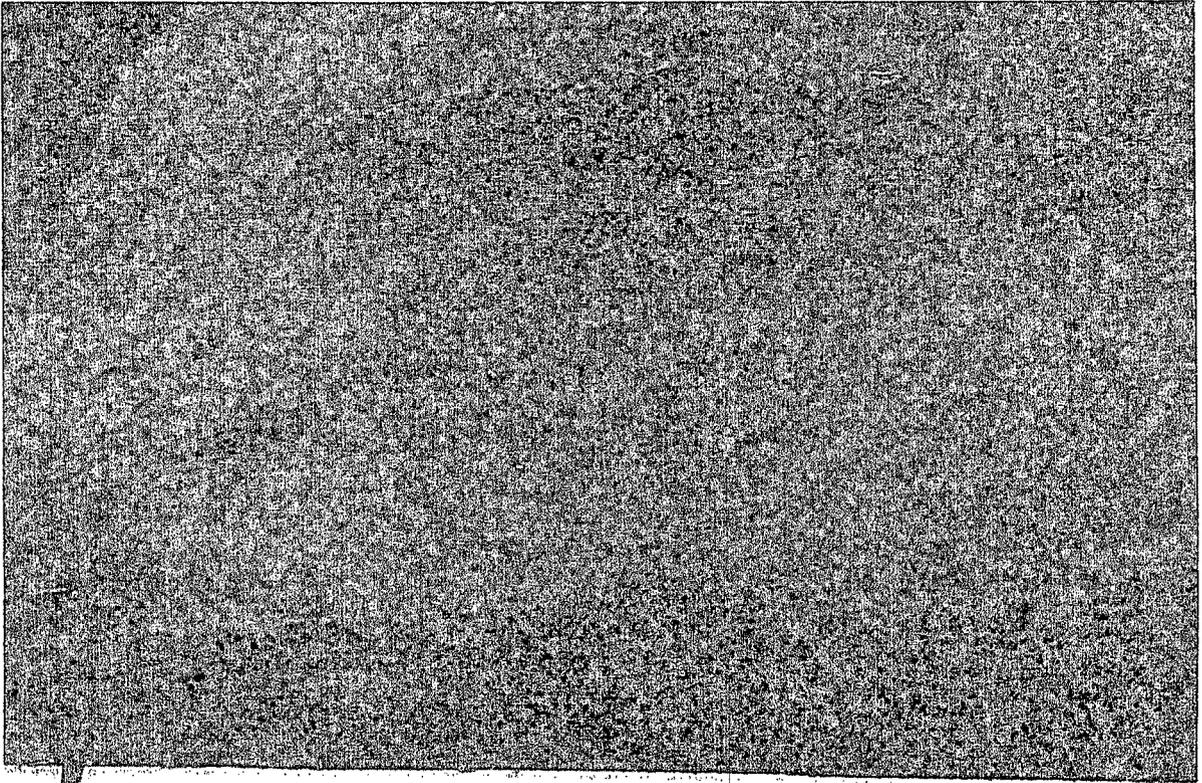
#5 and #1 sls of battery north of access road



#15 North of access road

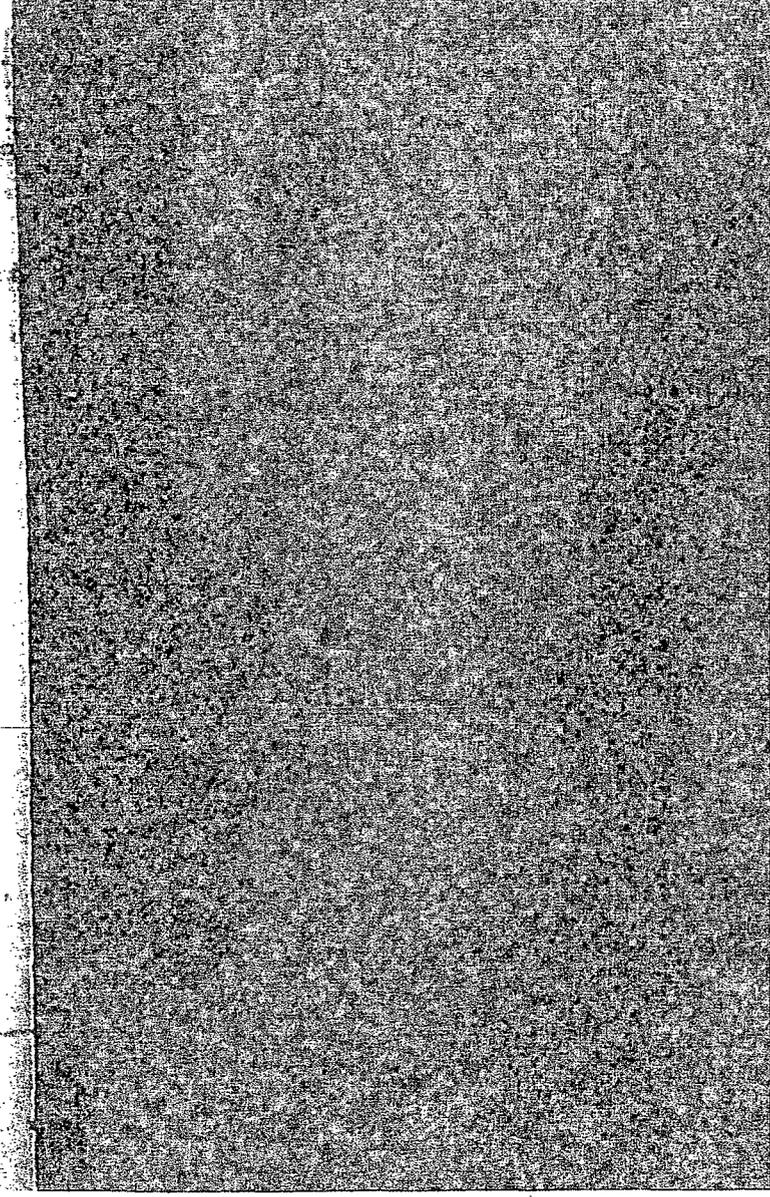
#12 North of access road



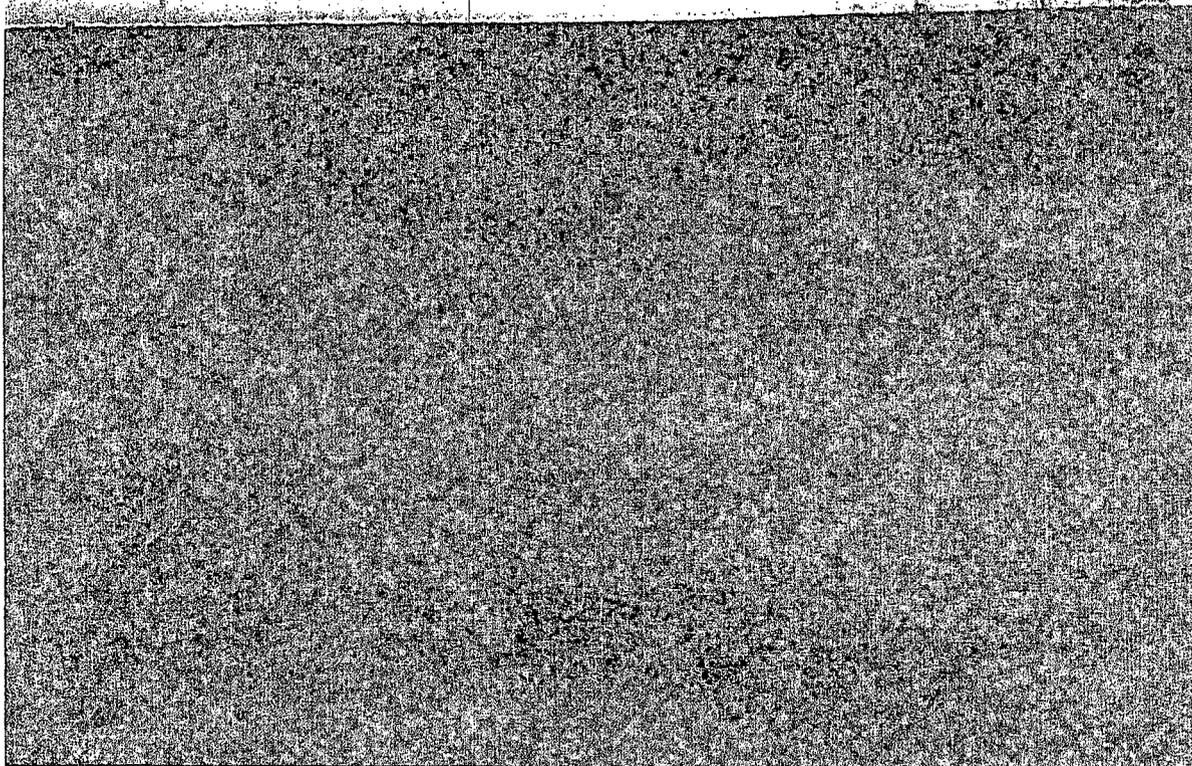


#1 North of access road - South/West of Tank Battery

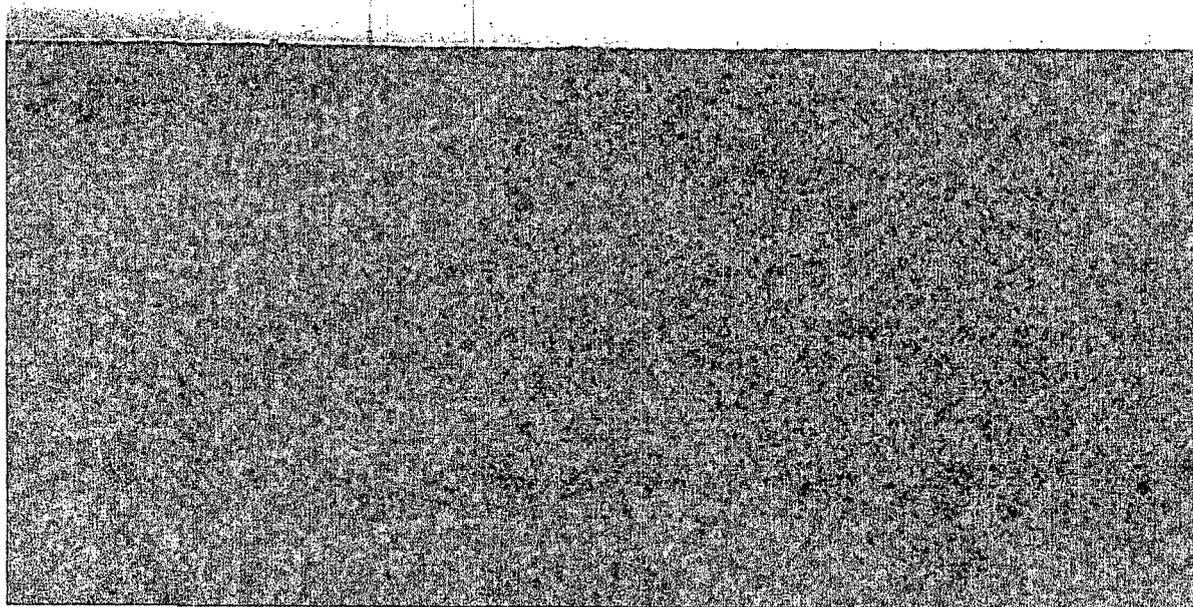
#5 North of access road



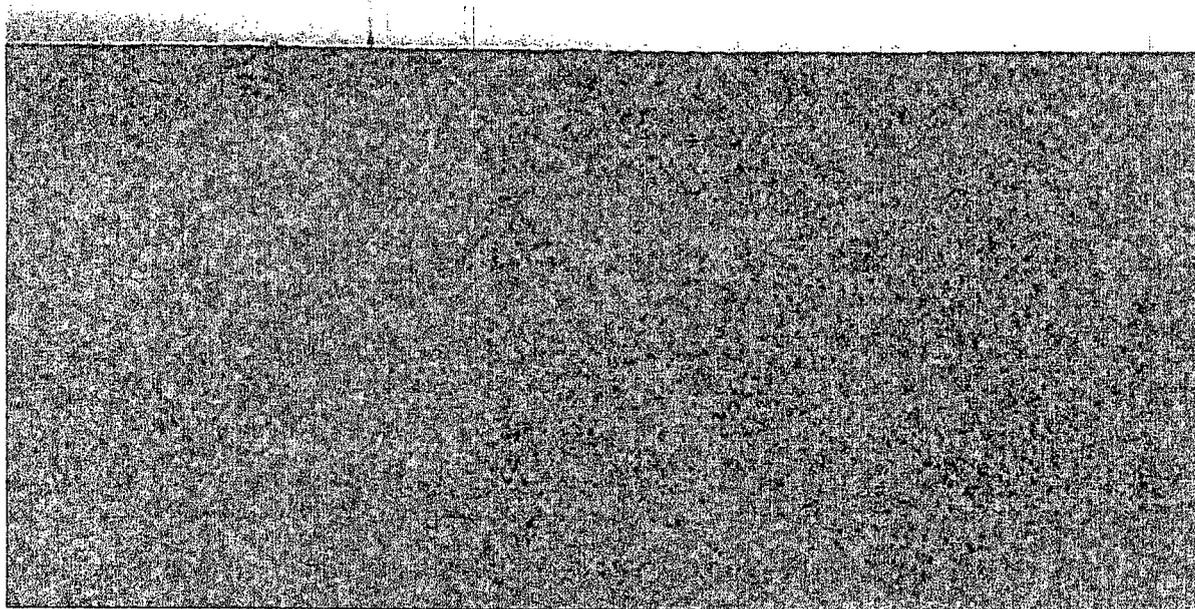
#5 North of access Road

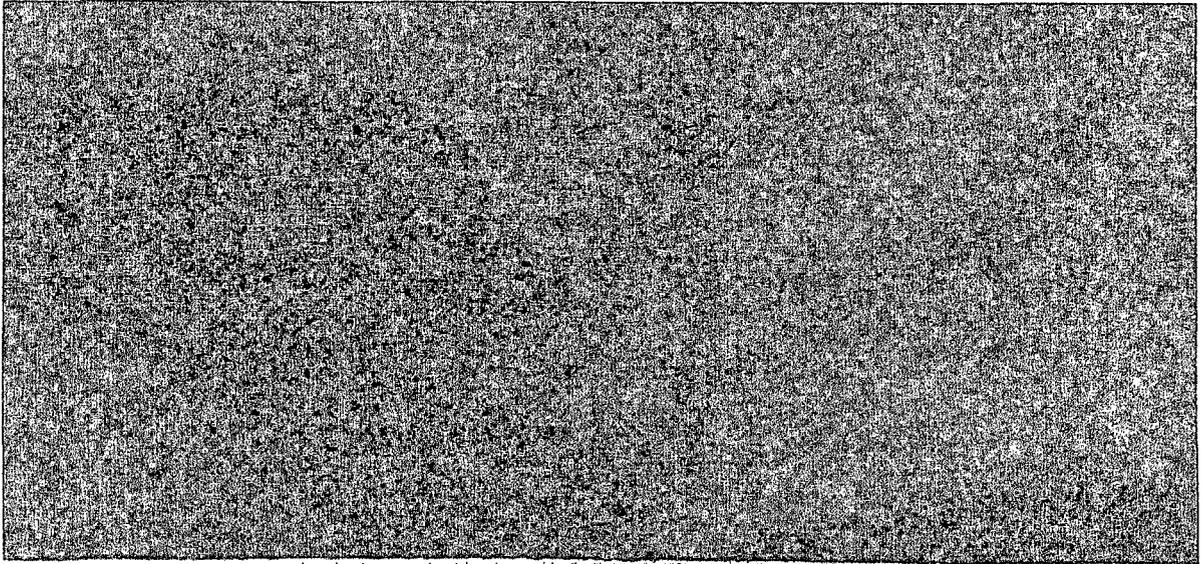


North of access road

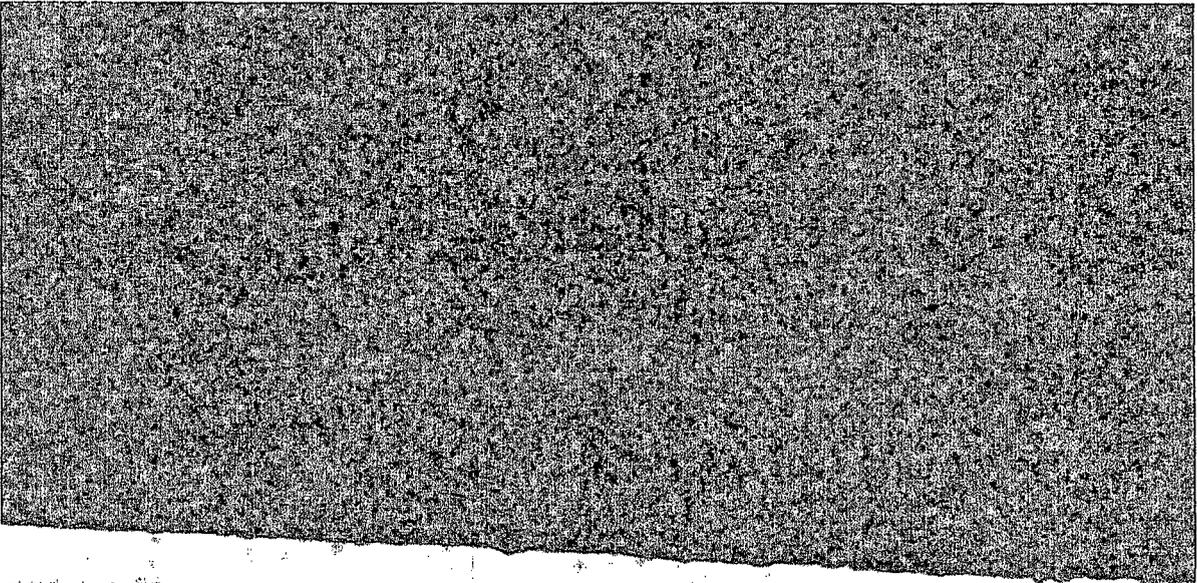


NORTH of ACCESS ROAD - backfill





North of access road - Geok fill



#8 and #9 North of access road