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.

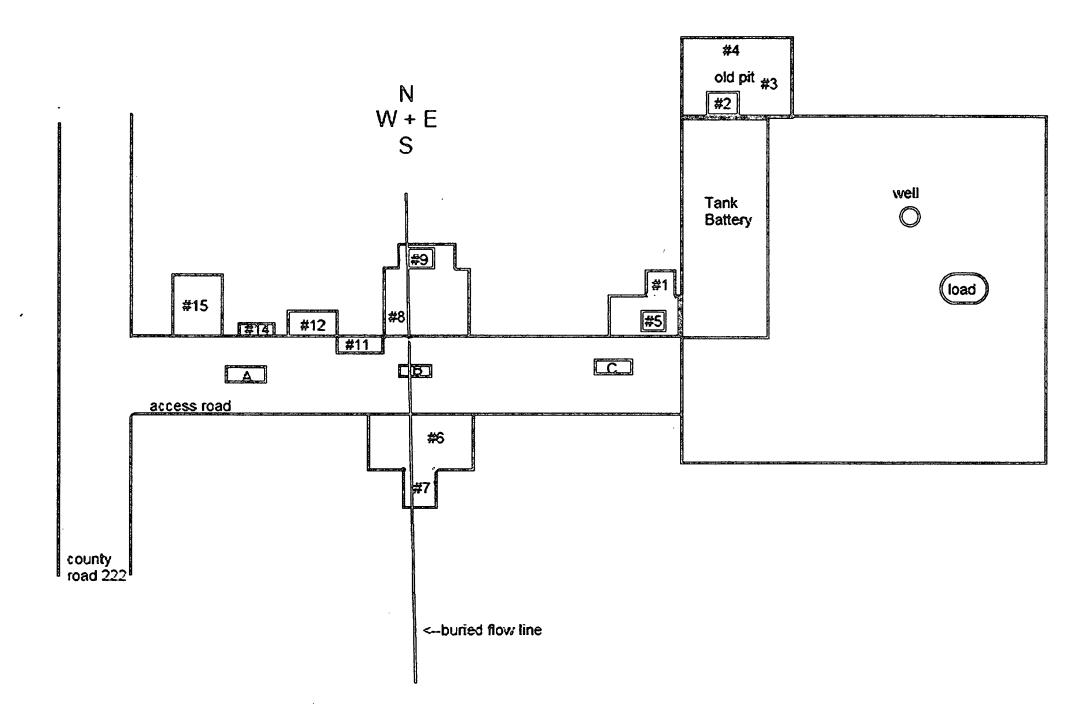
As to the scope of work Judah Oil would remove the contaminated soil six foot in depth; truck it to a registered land field for disposal. A 20mil liner placed down to prevent leaching up into root system. Calichie will be trucked in to raise the areas within a foot of ground level. Top soil will then 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





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

DISPOSAL

Lease:

T BONE SWD BATT

Well: Rig:

PO:

Memo:



'JAN & 0 2012

RECEIVED



ltem	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:

Subtotal:

\$504.00

CRI HOLDINGS, LLC

NM Sales Tax (6.8125%):

\$34.34

PO BOX 671798

DALLAS TX 75267-1798

Total: \$538.34

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



CRI HOLDINGS, LLC

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

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

Invoic

Date: Invoice #: 1/31/2012 95150

Terms:

Due Upon Receipt

Generator:

JUDAH OIL

Lease:

OXY T-BONE FEDERAL

Well:

1

Rig: PO:

Memo:





FEB 1 3 2012

		ı								
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
ont 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
ont 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
ont 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
ont Soil	12.00			\$21.00	\$252.00	42022	1/24/2012	NA	BLAZE CAPANELLA	TNT
ont 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



CRI HOLDINGS, LLC

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

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Invoic

Date: Invoice #: 1/31/2012 95150

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Generator:

JUDAH OIL

Lease:

OXY T-BONE FEDERAL

Well:

1

Rig: PO: Memo:

Item	Qty De	sc 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 .	BLAŽE 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	BLAŽE 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
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 CAMPENELLI 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



CRI HOLDINGS, LLC

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

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

Invoic

Date: Invoice #: 1/31/2012 95150

Terms:

Due Upon Receipt

Generator:

JUDAH OIL

Lease:

OXY T-BONE FEDERAL

Well:

1

Rig: PO:

Memo:

tem	Qty	Desc	Disc	Price	Amount		Date	3rd Party#		Trucking Co
ont Soil	12.00			\$21.00	\$252.00	42391	1/25/2012	NA	BLAZE CAMPANELLA	RACMER
ont 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
ont Soil	20.00	31, AP 8		\$21.00	\$420.00	42406	1/25/2012	NA	BLAZE CAMPANELLI A	TNT
ont Soil	12.00			\$21.00	\$252.00	42629	1/26/2012	NA	BLAZE CAMPANELLA	TNT
ont Soil	12.00			\$21.00	\$252.00	42631	1/26/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
ont Soil	20.00	.,,.,.		\$21.00	\$420.00	42637	1/26/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
ont Soil	12.00			\$21.00	\$252.00	42640	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
ont Soil	20.00			\$21.00	\$420.00	42641	1/26/2012	NA	BLAZE CAMPANELLI A	TNT
ont Soil	12.00			\$21.00	\$252.00	42642	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
ont Soil	20:00			\$21.00	\$420.00	42646	1/26/2012	NA	BLAZE CAMPANELLA	TNT
ont Soil	12.00			\$21.00	\$252.00	42663	1/26/2012	NA	BLAZE CAMPANELLA	TNT
ont Soil	12.00	-		\$21.00	\$252.00	42664	1/26/2012	NA	BLAZE CAMPANELLA	TNT
ont Soil	12.00			\$21.00	\$252.00	42665	1/26/2012	NA	LAZE CAMPANELLA	HERNANDEZ TRUCKING
ont Soil	12.00			\$21.00	\$252.00	42666	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
ont Soil	12.00			\$21.00	\$252.00	42668	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
ont Soil	20.00			\$21.00	\$420.00	42669	1/26/2012	NA	BLAZE CAMPANELLA	PALLARES TRUCKING
ont 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
ont Soil	12.00			\$21.00	\$252.00	42696	1/26/2012	NA	BLAZE CAMPANELLI A	TNT
ont Soil	12.00		. <u> </u>	\$21.00	\$252.00	42699	1/26/2012	NA	BLAZE CAMPANELLA	TNT
ont Soil	12.00	- 4		\$21.00	\$252.00	42709	1/26/2012	NA	BLAZE CAMPANELLA	HERNANDEZ TRUCKING
ont Soil	12.00			\$21.00	\$252.00	42710	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
ont Soil	12.00			\$21.00	\$252.00	42713	1/26/2012	NA	BLAZE CAMPANELLA	RACMER
ont Soil	20.00			\$21.00	\$420.00	42718	1/26/2012	NA	BLAZE CAMPANELLI A	PALLARES TRUCKING
ont Soil	20.00			\$21.00	\$420.00	42720	1/26/2012	NA	BLAZE CAMPANELLA	TNT
ont Soil	12.00			\$21.00	\$252.00	42727	1/26/2012	NA	BLAZE CAMPANELLA	TNT
ont Soil	12.00			\$21.00	\$252.00	42728	1/26/2012	NA	BLAZE CAMPANELLA	TNT



CRI HOLDINGS, LLC

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

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

Invoic

Date: Invoice #: 1/31/2012 95150

Terms:

Due Upon Receipt

Generator:

JUDAH OIL

Lease:

OXY T-BONE FEDERAL

Well:

1

Rig: PO:

Memo:

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party#	Co. Man	Trucking Co
Cont Soil	12.00		<u> </u>	\$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		<u> </u>	\$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
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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
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 CAMAPANELL 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 1	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



CRI HOLDINGS, LLC

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

> Bill To JUDAH OIL P.O. BOX 568 ARTESIA, NM 88

Invoic

Date:

1/31/2012

Invoice #:

95150

Terms:

Due Upon Receipt

Generator:

JUDAH OIL

Lease: Well: **OXY T-BONE FEDERAL**

1

Rig: PO: Memo:

1	ARTESIA, NM 88211	9						
ltem -	Qty Desc Disc	Price	Amount	Ticket	Date	3rd Pa	rty# 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	NÄ	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	BLAQZE CAMPANELLL 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
DEMIT	TO:						Subtotali	\$45,207,00

REMIT TO:

CRI HOLDINGS, LLC PO BOX 671798 DALLAS TX 75267-1798 1000 yrds 56 - 20 69 - 12 (1) - 17

130

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:

08:14:08 AM OP: 215 Original Call Date: 12/16/2011 Time:

12/16/2011 Transmit Date: Time: 08:21:16 AM Work to Begin Date: 12/20/2011 Time: 08:14:00 AM

TNT BACKHOE SERVICES Company:

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:

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:

2012010116 Seq. No: 0 Ticket No:

Update of:

Original Call Date: 01/03/2012 08:00:28 AM OP: 190 Time:

Transmit Date: 01/03/2012 Time: 08:04:08 AM Work to Begin Date: 01/05/2012 Time: 07:52:00 AM

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 Address:

County: EDDY City: RURAL EDDY , 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:

Work Being Done For: JUDAH OIL

The following utility owners have been notified: LIN

EP22 SPHB 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.

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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: 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: Overhe

Street: Overhead Lines: Blasting:

Easement: Mechanical Boring: Premarked: '

Work Being Done For: JUDAS OIL

The following utility owners have been notified: SPHB LIN PENA NMGCT

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.

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 \$W-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 Hydorcarbons

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

Cardinal Laboratories is accreditated 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.

Clay D. Kene

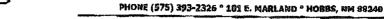
This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Page 1 of 10





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

Protect Name: Project Number: **OXY T-BONE FEDERAL #1**

Project Location:

NONE GIVEN EDDY COUNTY, NM Sampling Date:

Sampling Type:

10/31/2011

Soil ** (See Notes)

Sampling Condition: Sample Received By:

Jodi Henson

Sample ID: NORTH #6 (H102407-01)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Rosult 9060 Reporting Limit 16.0

Analyzed 11/09/2011 Method Blank MO

8\$ 464

85

464

BS

464

'% Recovery 116

True Value QC 400

RPD

0.00

Sample ID: NORTH #5 (H102407-02)

Chloride, 5N4500CI-B

Analyzed By: AP

Analyte

Reporting Limit

Reporting Limit

16.0

Analyzed

Analyzed

11/09/2011

Method Blank ND

% Recovery

True Value OC

RPD Qualifier

Qualifier

Chloride

Chloride

Chloride

Chloride

1800

Result

432

Result

16.0 11/09/2011

116

116

400

0.00

Sample ID: #3 ROAD (H102407-03)

Chigride, SN4500CI-B

Analyte

mg/kg

Analyzed By: AP

Method Blank

ND

% Recovery

True Value QC

400

400

RPD

0.00

Qualifler

Sample ID: #1 ROAD (H102407-04)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Reporting Umit Analyte 32.0 16.0

Analyzed 11/09/2011 Method Blank NĐ

BŞ 464 % Recovery 116

Truc Value QC

RPD

Qualifier 0.00

Cardinal Laboratories

*=Accredited Analyte

Calago There

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 10

Dana 7



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBES, NM 88240

Analytical Results For:

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

Received:

Chloride, SM4500CI-B

11/07/2011

Reported:

11/10/2011

Project Name:

OXY T-BONE FEDERAL #1

Project Number:

NONE GIVEN

Project Location:

EDDY COUNTY, NM

mg/kg

Sampling Date.

Sampling Type:

10/31/2011 Soil

Sampling Condition: Sample Received By:

** (See Notes)

Jodl Henson

Sample ID: NORTH #10 (H102407-05)

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 (H:	102407-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
. Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualmer
Chloride	9200	16.0	11/09/2011	ND	464	116	400	0.00	•
Sample ID: NORTH #9 (H:	L02407- 0 7)		·						
Chloride, SN4300CI-B	m9	/kg	Anatyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifica
Chloride	320	16.0	11/09/2011	ND	464	116	400	0.00	
Sample ID: NORTH #1 (H:	102407-08)								
Chloride, 5144500CI-B	ang	/kg	Anafyze	d ву; др					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8\$	% Recovery	True Value QC	RPD	Qualifler
Chloride	240	16.0	11/09/2011	NÐ	464	116	400	0.00	
Sample ID: #7 ROAD (H10	2407-09)								
Cintaride, SN4500CI-8		/kg	Analyzo	d By: AP					
Annhas	Result	Reporting Limit	Analyzed	Mcthod Blank	85	% Recovery	True Value QC	RPD	Qualifler
Analytic	114.2414	· •							

Analyzed By: AP

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Leaking and Carcings. Cardinate leaking and clicicia derivation requires for the product or text, small Pt bright to the influence pack by district for many officers and the clicician of the product of the influence pack by district or consequence may any office clicician when inspect conduction in the pack consequence of the registration of the production of the packets of the pa

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Celey D. Keene, Lab Director/Quality Manager

Page 3 of 10



PHONE (575) 393-2326 " 161 E. MARLAND " HOBBS, NM 88246

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: Project Name: 11/10/2011

OXY T-BONE FEDERAL #1

Project Number: Project Location:

Analyte:

NONE GIVEN **EDDY COUNTY, NM**

Sampling Date: Sampling Type:

Sampling Condition:

Sample Received By:

10/31/2011

Soil

** (See Notes) Jodi Henson

Sample ID: #8 ROAD (H102407-10)

Chloride, 5M4588CI-B

Chloride

Chloride

Chloride

Chloride

Chloride

mg/kg

Result

15000

Result

5440

<16.0

3040

Result

4640

Reporting Limit 16.0

Reporting Limit

16.0

Analyzed 11/09/2011

Analyzed

11/09/2011

Method Blank

ND

Analyzed By: AP

BS

464

85

464

% Recovery

116

True Value QC

ŘPD

400

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

Chloride, SN4500CI-B Analyte

ពាច្ច/kg

Analyzed By; AP

Method Blank

ИD

% Recovery 116

True Value OC 400

RPD 0.00

0.00

Qualifler

Qualifier

Sample ID: BACKGROUND EAST (H102407-12)

Chiaride, SM4500CI-B Anelyte

mg/kg Result Reporting Limit

16.0

Analyzed By: AP Analyzed

11/09/2011

Analyzed

11/09/2011

Method Blank

ND

85

464

% Recovery

True Value QC

RPQ Qualifier

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

Chloride, SM4500CI-B Analyte

mg/kg Result Reporting Limit

16.0

Analyzed By: AP

Method Blank

NO

65

464

35

464

% Recovery

116

Truc Value QC

400

RPD

0.00

Qualifier

Sample ID: #12 ROAD (H102407-14)

Chloride, SN4500Cl-B

nig/kg

Reporting Limit

16.0

Analyzed 11/09/2011

Analyzed By: AP Method Blank

ND

116

400

0.00

% Recovery

116

True Value QC

400

RPD

Qualifler 0.00

Cardinal Laboratories

Analyte

*=Accredited Analyte

Celleg Tothera

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 10.



Phone (575) 393-2226 ° 161 E. Marland ° Hobbs, RM 80240

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: Project Location:

Analyte

Analyto

NONE GIVEN

EDDY COUNTY, NM

Sampling Date:

10/31/2011

Sampling Type:

% Recovery

116

Solt

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

Sample ID: #14 ROAD (H102407-15)

	Chloride,	SM4500CI-B
--	-----------	------------

Chloride

Chloride

nig/kg

Result

1550

Result

560

Analyzed By: AP

Analyzed Method Slank 11/09/2011

85

464 116 Truc Value QC 400

RPD

0.00

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

Chlori	de,	SM	450	oc	1-B

Analyzed By: AP

Method Blank ND

ND

85 % Recovery True Value QC 400

RPD

Qualifier

Qualifier

Sample ID: #10 ROAD (H102407-17)

Chloride, SN4500Cl-B

mg/kg

Analyzed By: AP

Analyte

Result

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed

Analyzed

11/09/2011

Method Biank

85

464

% Recovery True Value QC

RPD

0.00

Qualifier

Chloride

Chloride

Chloride

3520

Result

4400

Result

12400

16.0

11/09/2011

ND

448

112

Sample ID: SOUTH EAST PUDDLE (H102407-18)

Chloride, SN4500CI-B

Analyzed By: AP

400

0.00

Analyte

Reporting Limit

Analyzed

Method Blank

88

% Recovery

True Value OC

RPD Qualifier

Sample ID: #9 ROAD (H102407-19)

ND

0.00

Chlorido, 5M4500CI-B

11/09/2011

ND

448

112

112

400

400

mg/kg

Reporting Limit

16.0

16.0

Analyzed By: AP Analyzeg

11/09/2011

Method Blank

448

% Rocovery True Value QC RPD

0.00

Qualifler

Cardinal Laboratories

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*=Accredited Analyte

Celego Hama

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 10

Page 5/10

5753932476



Phone (575) 393-2326 ° 161 E. Marland ° Hobbs, NM 88240

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: Project Name: 11/10/2011

OXY T-BONE FEDERAL #1

Project Number:

EDDA

NONE GIVEN

Sampling Date:

Sampling Type:

.

Spil
** (See Notes)

Sampling Condition: Sample Received By:

Jodi Henson

10/31/2011

Project Location:

EDDY COUNTY, NM

Sample ID: NORTH #3 (H102407-20)

Chloride,	\$14500CI-B	

CHOCKED STATES	1013/	,24	wine facts the Mr			'			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	Trun Value QC	RPD	Qualific
Chloride	3840	16.0	11/09/2011	ND	418	112	400	0.00	

Sample ID: #4 ROAD (H102407-21)

Chouge, 2442000-6	mg/	KQ	Austarc	d By: AP	·					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8\$	% Recovery	True Value QC	RPD	Qualific	
Chloride	4960	16.0	11/09/2011	ND	448	112	400	0.00		
						k				

Sample ID: SOUTH EAST OF NORTH SPILL (#102407-22)

Chloride, SM4589CI-8 mg/kg		^r log	. Analyzed By: AP					_	
Analyte	Result	Reporting Limit	Antifyzed	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, SM4500CI-B	mg	kg	Analyze	d By: AP					
Analytic	Result	Reporting Limit	Analyzed	Mothod Blank	85	% 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)

	Double to: 4 To work (11 Tow	741-0-1								
Chloride, SM4500Cl-8 mg/kg				Analyzed By: AP						
	Analytic	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
	Chloride	12008	16.0	11/09/2011	, ам	448	112	400	0.00	
								i		

Cardinal Laboratories

*=Accredited Analyte

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aling Litherna

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 10





Notes and Definitions

NO 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 SM4500CH6 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

PLEASE NOTE: Laiding and Connected. Condessity said should retrieve encode for any disto descent, whether he converted to converted or tirt, shall be asserted to the amount plan by skilling them for the plantage and the converted to the converted or tirt, shall be asserted to the properties of the converted to the properties of the converted to the plantage of the converted to the co

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 10



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(7) - 17 - 17 - 17 - 17 - 17 - 17 - 17 -	(575) 393-2326 FAX (575) 393-24	76																		
Company Name	LATER PLACE	44,5				The second second second	LI	0					ANA	LYSIS	RE	QUE	ST			
Project Manage	E Gury Smith				P.O). #:														
Address:	2013 Light Roselo	L. rat			Co	npany:	ग्रंब	1011								·	·			
City:	State State 1	Zij	g: 🥞	1 1 26/4	Att	n: <i>3/4/</i> 5		2000cella										1	. 1	
Phone #: 525	201 5053 Fax #:				Ad	dress:													, 1	
Project #:	Project Own	ei: _	ر. اد د نگ	lahad_	City	بري ^{نگر} ت (بورج)	5%													
Project Name:	CLKY I BOSE FEDERAL	12	Ī.		Sta	te: <u>(1)</u> 24	21p:	53612		!										
Project Locatio	,	,			Pho	one #:													. [
Sampler Name:	Gary Bruste				Fax													[
FOR LAS LEE ONLY		1	T	MATRIX		PRESERV.	SA	repling	ો											
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Linanna		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER	ACIDIBASE.	24	TE TIME	1					•					· •	
HID2401	North #C	┦≌	1.	0 5:00	12	4 8.0		31 8:00			-	-								
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1 - 4	\$ 2 Mores	-	! —	 :	-]	1			Y					- Bugs	1, 17 .					
PLEASE NOTE: TURB	T y A C L'A	ani ch	1034	mental placed a refer	- PX	soul be mile!	170.17	orthist butte death												
ನಾವೆಗಿದು. ಮಿಡಿಕೆಯ ಇಡುವೆ	t fair usambilis caux roto ya kai sadahan ik cook pa kitari majambi kitarana as karaban ik abilikat kataa	¥ 052.3	to with	r desides a case in the bid in	dracti:	esty Cartral 2	د وڪ برت	the app continues at a	شا عضوره ه	\$e										
Relinquished B	to other a rebords to common et sources hereinde to	Chick	d, seco	ved By:	s how	d (CIV MI DINS	4:44 W	Phone Re	J.	Ú Ye		No	Adari	Phone						
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† Cardinal cannot accept verbal changes. Please fax written changes to \$05-393-2476

Page 8 of 10



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2376 FAX (675) 393-2376

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(575) 317 -2328 FAX -(75) 393-247	DIST 'AS	ASALVAD CEVERAS	-
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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.) {Silvernitrate 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)

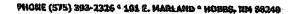
#15 – North of road. Cardinal Lab at 4' (3040ppm) chloride strip (3000ppm) at 5.5" Cardinal Lab (1100ppm) chloride strip (2000ppm) at 6.5" Cardinal Lab (176ppm) chloride strip (500ppm) {silver-nitrate test 141.8ppm} (Final result 176ppm) "A" - West end of access road, in middle of road. Cardinal Lab at 3.5" (880ppm) chloride strip (500 to 1000ppm) at 4' Cardinal Lab (353ppm) chlorine strip (0 to 500ppm) {silvernitrate 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.





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 Xvienes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

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

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

Method EPA 552.2

Hatoscetic 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.

alex & Kane

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

Page 1 of 31



PHONE (575) 393-2326 ° 101 E. MARLAND ° HORRS, NM 86240

Analytical Results For:

TNT Backhoe Service **GARY SMITH** P.O. Box 133 Artesia NM, 88211

Fax To:

(505) 746-1885

Received:

3

11/10/2011

Reported:

Chiaride, SM4500Ci-B

Chloride, SM4500CI-B

11/16/2011

Project Name:

NONE GIVEN EDDY COUNTY, NM

Project Number:

Project Location:

Analyte

Analyte

T-80NE FEDERAL #1

Sampling Date: Sampling Type: 11/07/2011

Soli

Sampling Condition: Sample Received By: Cool & Intact

Jadi Henson

All

Sample ID: #11-A N OF ROAD

(@3' (H102451-01)

Analyzed By: AP

mg/kg

Reporting Limit Result 1630 16.0

Analyzed 11/14/2011 Method Blank ND

85 % Recovery 464 116

True Value QC

RPD Qualifier

7.14

Chloride

Sample ID: #15-C- N OF ROAD @

5-5" (H102451-02) mg/kg

Reporting Limit

Analyzed By: AP

Analyzed By: AP

BS

400

Qualifier

Chloride

Chloride

Result 1100

16.0

11/14/2011

Antilvzed

Method Blank ND

432

108

% Recovery

True Velue QC 400

RPD 3.64

Batt Sample ID: #1 SW OF ROAD 6 /H102451~03)

Chloride, SM4500CI-B mg/kg Analyte

Result 2400

Reporting Limit 16.0

Analyzed 11/14/2011 Method Blank ND

88 432 % Recovery 108

True Value QC 400

RPD 3.64

Qualifier

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

Chlorido, SM45		mg/		Analyze						
	alyte	Result	Reporting Umit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3	1620	16.0	11/14/2011	ND .	432	108	400	3.64	

Cardinal Laboratories

*=Accredited Analyte

Colony Intrance -

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 31

2011-11-28 07:57

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Page 2



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

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: Project Name: 11/16/2011

T-BONE FEDERAL #1 NONE GIVEN

Project Number: Project Location:

Analyte

Analyte

Analyte

EDDY COUNTY, NM

Sampling Date:

Sample Recaived By:

11/09/2011

Sampling Type: Sampling Condition:

Soil Cool & Intact

3odi Henson

*5.53

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

4

Chloride, SM4500CI-B

mq/kp

Result

5760

Result

736

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed

11/14/2011

Analyzed

11/14/2011

Analyzed By: AP

85

432

85

432

% Recovery 108

True Value QC 400

RPD

3.64

Qualifier

Qualifier

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

Chloride, SM4500CI-8

Chloride

Chloride

Chloride

Chloride

mg/kg

Analyzed By: AP

Mcthod Blank

ND

Method Blank

NĐ

True Value QC

mg/kg

Analyzed By: AP

% Recovery

108

400

3.64

RPD

414

Sample ID: #14-A N OF ROAD(@ 2') H102451-07) Chloride, SM4500CI-B

Result

1720

944

3200

Febording Limit

16.0

16.0

Reporting Limit

16.0

Analyzea

Method Blank ND

85

% Recovery

True Value QC

RPD

Qualifier

@ 6' H102/151-08)

Sample ID: #11-B N OF ROAD

mg/kg

Analyzed By: AP

11/14/2011

432

108

400

3.64

XII

Chloride, SM4500Cl-B Analyte

Feparting Limit the sess

Analyzed 11/14/2011

Analyzed

11/14/2011

Method Blank ND

65 432 % Recovery 108

True Value QC

RPO

A9 * 11 Chloride

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

Chlorido, SM4500CI-B mp/kg inalyte Result

Analyzed By: AP

Method Bizmk

ND

RS

432

% Recovery

108

100

True Value QC

400

מפפ

3.64

3.64

Qualifier

Qualifier

Cardinal Laboratories

*=Accredited Analyte

Celley There

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 31

2011-11-28 07:58

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Page 3



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

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: Project Location:

NONE GIVEN

EDDY COUNTY, NM

Sampling Date: Sampling Type:

Solt

Sampling Condition: Sample Received By:

Cool & Intact Jodi Henson

11/09/2011

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

Chloride, SM4500CI-B

Chloride

Analyte

mg/kg

Reporting Limit

16.0

Reporting Umit

16.0

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed By: AP

Result 2640

Result

1170

Analyzad 11/14/2011 Method Blank ND

85 432 34 Recovery 108

True Value QC 400

Qualifier

RPD

3.64

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

ų١

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

Chloride, SM4500CI-B Analyte

Analyzed By: AP Analyzed

11/14/2011

11/14/2011

Analyzed

11/14/2011

Mcthod Blank

85

432

% Recovery

108

True Value QC RPD

Qualifler

Chloride

Chtorice, SM4500Cl-B Analyto

mg/kg

Reporting Limit Analyzed

Analyzed By: AP Method Blank

ND

ND

85

432

% Recovery 108

True Value QC 400

400

RPD

3,64

3.64

Qualifier

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

Chlorida, SM4500Cl-B

Analyte

Analyte

Regulf

11700

Result

720

2040

Analyzed By: AP

Method Blank

True Value QC

RPD

Qualifier

Chloride

Chloride

Chloride

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyzed

11/14/2011

Method Blank

85

432

65

432

% Recovery

108

% Recovery

108

400

True Value QC

400

3.64

RPD

3.64

Qualifler

Cardinal Laboratories

*=Accredited Analyte

Calley Tathana

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 31



CARDINAL aboratories

PHONE (575) 393-2326 " 101 E. MARLAND " MOBBS, NM 88248

Analytical Results For:

TNT Backhoe Service **GARY SMITH** P.O. Box 133 Artesia NM, 88211

Fax. To:

(505) 746-1885

Received:

11/10/2011

11/15/2011

Sampling Date:

11/10/2011

Reported: Project Name:

T-BONE FEDERAL #1

Sampling Type: Sampling Condition: Soil

NONE GIVEN

Sample Received By:

Cool & Intact Jodi Henson

Project Number: Project Location:

EDDY COUNTY, NM

Sample ID: #9-E PIT N OF BATT @ 14' (H1.02451-15)

Chloride, SM4500CI-8

Chloride, SM4500CI-8

mg/kg

Analyzed By: AP

Anatyte

Regult

Feporting Limit

Analyzed 11/14/2011 Method Blank ND

BS

% Recovery True Value QC

Qualifier

Chloride

13500

14000

16.0

432

108

3.64

PIT N OF BATT @ 10' (H102451-16)

mg/kg

Analyzed By: AP

Deepo as Backhoe

432

we could go

400

Paparting Limit 16.0

Analyzed

11/14/2011

85 % Recovery True Value QC 400

Qualifier

Chloride

Chlorido, SM4500CI-B **Analyte**

Chloride

Chloride

Sample ID: #9-D PIT N OF BATT @ 12' (H102451-17) mg/kg

Reporting Limit

16.0

Analyzed By: AP Analyzed

11/14/2011

Method Blank

ND

65

% Recovery

108

True Value QC

RPD

RPD

3.64

Qualifier

Chloride, SM4500CI-B

ND

432

108

400

3.64

#9-B PIT N OF BATT @ 8' (H102451-18)

Analyte Chloride

Result 4040

880

18200

Reporting Limit 16.0

16.0

Analyzed 11/14/2011 Method Black ND

BS. 432 % Recovery 108

108

True Value QC 400

RPO 3.64 Qualifier

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

Chicride, SM4500CI-B analyte Result Reporting Limit

Analyzed

11/14/2011

Method Blank ND

BS 432

% Recovery

True Value OC aph 400 3.64

Qualifler

Cardinal Laboratories

*=Accredited Analyte

Anniyacd By: AP

College To Kin

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 31

2011-11-28 08:00

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Page 5



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:

Project Location:

Analyte

NONE GIVEN

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Soil

Sampling Condition:

Sample Received By:

Cool & Intact

11/07/2011

Jodi Henson

Sample ID: #15-8 N SIDE OF ROAD @ 4' (H102451-20)

Chloride, SM4500Cl-B

Chloride

Chloride

mg/kg

3040

Result

128

Reporting Limit

16.0

Reporting Limit

16:0

Analyzed By: AP

Analyzed

11/14/2011

Analyzed

11/14/2011

Method Biank ND

85

432

85

432

% Recovery

True Value QC 400

rpo Qualifier

3.64

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

Chioride, 5M4500Ci-B Analyte

Analyzed By: AP

Method Blank

ND

% Recovery

108

108

True Value QC 400

RPD 3.64 Qualifier

Qualifier

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

Chloride, SM450QCI-B

Analyte

Analyte

Analyte

1100

Result

1960

Rosult

1380

Analyzed By: AP

16.0

Fenorting Limit

15.0

Reporting Limit

16.0

Reporting Limit

Analyzed 11/11/2011

Analyzed

11/11/2011

11/11/2011

Method Blank ND

89 448 % Recovery 112

True Value QC 400

RPO

0.00

56

Chloride

Chloride

Chloride

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

Chloride, SM4588CI-B

Analyzed By: AP

Mathod Riank

ND

ND

BS 448

85

448

% Récovery

True Value OC

400

RPD

Qualifier

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

Chloride, SM4500CI-8

112

0.00

mg/kg

Analyzod

Analyzed By: AP Method Blank

% Recovery

112

True Value QC

400

RPD

0.00

Qualiflet

Cardinal Laboratories

◆
□ Accredited Analyte

Colony Littleman

Celey D. Keene, Lab Director/Quality Manager

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2011-11-28 08:01

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Page 6

TNT Backhoe Service **GARY SMITH** P.O. Box 133 Artesia NM, 88211

Fax To:

(505) 746-1885

Received:

Reported:

11/10/2011

Project Name:

Project Number:

Analyte

roject Location:

11/16/2011

T-BONE FEDERAL #1

NONE GIVEN

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

11/07/2011

Soll

Cool & Intact

Jodi Henson

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

Chloride, SM4500CHB

mg/kg

Analyzed By: AP

Analyzed

Method Blank

88 % Recovery

True Value QC

RPD 0.00

Qualifier

Chloride

912 16.0

Reporting Limit

11/11/2011

ND

448

112

400

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

Chipride, SM4500CI-B Analyte

nig/kg

Reporting Limit

Analyzed

Method Blank

Analyzed By: AP

Analyzed By: AP

% Recovery

True Velue QC

400

Qualifier

Chloride

Chloride

1140

752

Result

16.0

11/14/2011

ND

463

BS

116

RPD 3.29

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

Chloride, 5M4500Cl-B

Analyte

Analyte

mg/kg Reporting Limit Result

Analyzed

11/14/2011

Method Blank ND

88 463 % Recovery 116

True Value QC 400

apa

3.29

Qualifica

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Method Blank

89 % Recovery Truc Value QC

Qualifier

Chloride

576

Result

Reporting Limit 16.0

16.0

Analyzed 11/14/2011

ND

463

116

400

RPD 3.29

Cardinal Laboratories

*=Accredited Analyte

Change treas

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 31

2011-11-28 08:02

5753932476

Page 7/22



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: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: #3 SW OF BATT @ 8' (H102451-29)

BTEX 80218	mg,	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	5.45	108	6.00	1.97	
••	,								

Surragate: 4-Bramafluarobenzene (PIL

98.3 %

70,7-118

Chloride, SM4500Ch-B	mg/kg		Analyzed By: AP			·			
Analyte	Result	Feporting Limit	Analyzed	Method Blank	86	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/14/2011	ИD	463	116	400	3.29	
TPH 8015M	nıg	/kg	Analyze	d By; 222					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/12/2011	ND	183	91.6	200	7.8 3	
DRO >C10-C28	<10.0	10.0	11/12/2011	ND	185	92.4	200	12.2	
Surragate: 1-Chlorooctane	67.4				• •		1.1 · · · · · · · · · · · · · · · · · ·		
Surrygae: 1-Cmoroociane	97.4	70 33.3-13	7						
Surrogate: 1-Chloraoctadecans	88.0	96 57.6-15	9						

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equation could underly new potentials. Described services country country, may be more country, and provides making any other country, and provides any other country, and provides any other country, and provides any other country, and country, and country, and country, and country, and country, and country of the stood cou

Calley Latherno -

Celey D. Keene, Lab Director/Quality Manager

Page 8 of 31



PHONE (575) 393-2326 * 101 E. MARLAND * HORBS, NM 88240

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:

Project Location:

NONE GIVEN **EDDY COUNTY, NM** Sampling Date:

11/09/2011

Sampling Type: Sampling Condition: Soil Cool & Intact

200

12.2

Sample Received By:

Jodi Henson

DRO >C10-C28 -

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

TEX 8021B	mg	mg/kg Analyze		ed Dy: MS		~			
Analyte	Result	Ceporting Umit	Analyzed	Mcthod Blank	85	% Recovery	True Value QC	RPD	Qualifier
Bonzene*	<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 Xylencs*	<0.150	0.150	11/11/2011	ND	6.45	108	6.00	1.97	
Surrogate: 4-Bromofluorobenzene (PIL	98.2	% 70,7-11						•	* 0 * 0 * n.
Chloride, SM4500Cl-B	mg,	kg	Analyzo	d By: AP	****			~~~	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	45 Recovery	True Value QC	RPO	Qualifier
Chloride	1220	16.0	11/14/2011	ND	463	116	400	3.29	
TPH 8015M	ពេញ,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C5-C10	<10.0	10.0	11/15/2011	ND.	183	91.6	200	7.83	

ND

185

92.4

11/15/2011

Surrogate: 1-Chlorooctane 59.2 % 55.5-154 Surrogate: 1-Chlorooctadecane 72.6 % 57.6-158

As deep as we could go!

<10.0

10.0

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PLEASE NOTE: " LUMBBY 'end OF

Cally 2. Kenn

Celey D. Keene, Lab Director/Quality Manager

Page 9 of 31



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NP 88240

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:

Soll

Project Name:

T-BONE FEDERAL #1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample Received By:

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

BYEX 80218	mg	kg	Analyzo	d By: MS	*	-			
Analyte	Result	Reporting Umit	Analyzed	Mothed Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzenc*	<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	
Ethylbenzenc*	<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-Bromoftworobenzene (PIL	99.4	% 70.7-11	8			•			
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyto	Result	Reporting Limit	Antalyzed	Method Blank	85	% Recovery	True Value QC	RPD.	Qualifler
Chloride	2560	16.0	11/14/2011	ND	153	116	400	3.29	
TPH 8015M	mg,	kg	Analyzo	d By: MS	~~~				
Anelyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/15/2011	ND	190	95.2	200	4,20	
DRQ >C10-C28	<10.0	10.0	11/15/2011	ND .	204	102	500	6.29	
Surrogate: 1-Chloroactane	121 :	% 55.5-15	4		***	• • • • • • • • • • • • • • • • • • • •			• •
Surrogate: 1-Chlorooctadecane	145	× 57.6-15	8						

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Calley L. Kana

Celey D. Keene, Lab Director/Quality Manage:

Page 10 of 31



TNT Backhoe Service GARY SMITH P.O. Box 133 Artesia NM, 88211

Fax To:

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Received:

11/10/2011

11/16/2011

Sampling Date: Sampling Type: 11/07/2011

Reported:

T-BONE FEDERAL #1

Soil

Project Name:

Sampling Condition:

Cool & Intact

NONE GIVEN

Sample Received By:

Jodi Henson

Project Number: Project Location:

EDDY COUNTY, NM

Sample ID: #8 N OF ROAD @ 7' (H102451-32)

BTEX 80218	mg/	kg	Analyze	d By: MS		-			
Analyto	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene**	<0.050	0.050	11/11/2011	ND	2.02	101	2.00	2.54	
Tolucne*	<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	•
Survogate: 4-Bronigfluorahenzene (PIL	98.9	% 70.7-11	8 ,						14.1
Chloride, SM4500CI-B	mg/	kg	Anelyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	65	% Recovery	True Value QC	RPD	Qualifica
Chloride	464	16.0	11/14/2011	ND	463	116	400	3.29	
TPM 8015M	mg/	kg	Analyze	d By: MS					· · · · · · · · · · · · · · · · · · ·
Analyte	Rosult	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifica
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	105 %	i. 6 <i>55,5-15</i>	 4			* *			
Surragate: 1-Chlorooctadecane	130 %	6 57.6-15	.8						

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PULLACE MOTHS: LEGISTRY and Demogra. Condust's labelling and dignits contraction and print course companies which be desired whered unless made in military. All cinimis, including those for negligence and

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Page 11 of 31



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:

Project Location:

EDDY COUNTY, NM

Jodi Henson



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

BTEX 8021B	mp/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	13 5	% 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	% 70.7-11	8			. सहस्र १ (क) १ (तमा क्षेत्र ६८० ६८० व्यक्ति ।			
Chlorido, SM4300CJ-0	mp/	kp	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifler
Chloride	176	16.0	11/14/2011	ND	463	116	400	3.29	
TPH 8015M	mg/	kg	Analyae	d By: MS		****			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% 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	1165	% 55.5 - 15	4				A U.S. A SAME AND STREET		***** * **** / *
Surrogate: 1-Chlorooctadecane	140 5	% 57.6-15	8						

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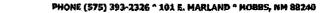
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PLEASE NOTE: LINEWRY and Demonstern Conductive Stability and closely and All clokes, including these for negligence and licits for incidental or consequential damages,

Colony to trans

Celey D. Keene, Lab Director/Quality Manager

Page 12 of 31





TNT Backhoe Service **GARY SMITH** P.O. Box 133 Artesia NM, 88211

Fax To:

(505) 746-1885

Received:

11/10/2011

Sampling Date: Sampling Type: 11/07/2011

Reported:

11/16/2011

Soil

Project Name:

T-BONE FEDERAL #1 NONE GIVEN

Sampling Condition:

Cool & Intact

Project Number: Project Location:

EDDY COUNTY, NM

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg,	/kg	Analyze	d By: MS		-		***************************************	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifler
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	аи	6.45	108	6.00	1.97	
Surrogate: 4-Bromofluorobenzene (PIL	97.6	% 70.7-11	8		, .	e english special p	15 No. 5 19No 12 S. C. C.		
Chloride, SM4500CI-B	mg	kg	Analyze	d By: AP	-	Marrier and a second state of the second state		************	····
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	APO	Qualifier
Chloride	224	16.0	11/14/2011	αи	463	116	400	3.29	
TPH 8015M	pm,	kg	Analyzo	d By: MS					
Vusilite	Result	Reporting Limit	Anelyzed	Method Blank	85	% Recovery	True Value QC	RPO	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-Chloroactane	130	% 35 ,5-1 5	4	• •					
Surrogate: 1-Chlorooctadecane	153	% 57.6-15	8						

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Colony Zistana

Celey D. Keene, Lab Director/Quality Manage:

Page 13 of 31



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

EDDY COUNTY, NM

Project Number:

Project Location:

NONE GIVEN

Sampling Date:

11/10/2011

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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

BTEX 80210	mg/kg		Analyzed By: MS		~~~				
Analyte	Rosult	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifler
Benzene*	<0.050	0.050	11/14/2011	ND	2.02	10).	2.00	2.54	
Toluene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	4.88	
Ethylpenzene*	<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

104 %

70,7-118

Chloride, SM4500Cl-B	mg	/kg	Analyzo	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Umit	Analyzed	Method Blank	B\$	% Recovery	True Value QC	RPD	Qualiflor
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	аи	204	102	200	6.29	
			, .,						

Surrogate: 1-Chlorooctane

163 %

55.5-154

Surrogate: 1-Chlorooctadecane

193 %

57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Page 14 of 31



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: Project Location: NONE GIVEN
EDDY COUNTY, NM

Sampling Date:

11/07/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson



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

BTEX 8021B	mg.	kg	Analyzo	d By: MS					
Analyte	Result	Reporting Umit	Analyzed	Method Blank	88	% Recovery	True Value QC	RPD	Qualifier
8cnzene*	<0.050	0.050	11/14/2011	ND	2.02	101	2.00	2.54	
Toluene*	<0.050	0.050	11/14/2011	ИĎ	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 (FIL	95.0	% 70.7-11				ga — aga ara agherma	THE THE PERSON OF THE PERSON OF THE		
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	115	400	3.29	
TPH 8015M	mg,	/kg	Analyze	d By: MS					· · · · · · · · · · · · · · · · · · ·
Analyto	Result	Reporting Limit	Analyzed	Method Blank	85	% Rocavery	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	NO	204	102	200	6.29	
Surrogate: 1-Chlorooctane	124	% 55.5-15	 4			•			
Surrogate: 1-Chlorooctadecane	146	% 57. n- 15	S						

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Calony T. Kuma

Celey D. Keenc, Lab Director/Quality Manager

Page 15 of 31



PHONE (575) 393-2326.º 101 E. MARLAND " HOBBS, NW 88240

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Analytical Results For:

TNT Backhoe Service GARY SMITH P.O. Box 133 Artesia NM, 88211

Fax To:

(505) 746-1885.

ND-No detect

Received:

11/10/2011

Reported:

11/16/2011

Project Name:

T-BONE FEDERAL #1
NONE GIVEN

Project Number: Project Location:

EDDY COUNTY, NM

Sampling Date:

11/07/2011

Sampling Type:

Soft

Sampling Condition: Sample Received By: Cool & Intact

Jadi Henson

11#

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

ppm

BTEX 8021B	mg	///g	Anaiyze	0 BY: MS					
Analyte	Result	Reporting Umit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2011	NO	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	NĐ	2.24	112	2.00	2.22	
Total Xylenes*	<0.150	0.150	11/14/2011	DN	6.45	108	6.00	1.97	

Surragate: 4-Bromofluorohenzene (PIL

98.6 %

70.7-118

Chloride, SM4500C1-B	mg,	'kg	Analyze	d By; AP		-	· · · · · · · · · · · · · · · · · · ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	Truc Value QC	RPD	Qualifier
Chloride Good	192	1.6.0	11/14/2011	ND	463	116	400	3.29	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte:	Result	Reporting Umit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPO	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	
and the second s				W. W. C			to the transmission		

Surrogate: 1-Chlorocetane

143 %

55.5-154

Surrogate: I-Chlorocctadacana

170%

57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Page 16 of 31



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

Received: Reported: 11/10/2011

11/16/2011

Project Name: Project Number: T-BONE FEDERAL #1
NONE GIVEN

NON

Project Location:

EDDY COUNTY, NM

Sampling Date:

11/07/2011

Sampling Type:

Sall

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

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

BYEX 8021B	mg/kg		Analyzo	Analyzed By: MS					
Analyte	Result	Reporting Umit	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	26 70.7-11			•	e e e e e e e e e e e e e e e e e e e	, egregoria a se a per a sono de la como de		
Chloride, SM4509CI-B	mg/kg		Analyze	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	Analyze	d 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	% 55,5-15	4		· +- ·				
Surrogate: 1-Chlorocetadecane	177	% 57. 6-15	3						

Cardinal Laboratories

*=Accredited Analyte

RELECT NOTICE LISTERY, and Distribute. Sold Distribute Indigency and electric notations in any claim artistic, withflow beauted in contents or text, shell be bettered to use necessary pass by electric for management, and electric passage of the polyhedal and the cause electricis; of the highlighted annual to the management of the manageme

Celong Litime

Celey D. Keene, Lab Director/Quality Manager

Page 17 of 31



TNT Backhoe Service **GARY SMITH** P.O. Box 133 Artesia NM, 88211

Fax To:

(505) 746-1885

Received: Reported: 11/10/2011

11/16/2011

Project Name:

T-BONE FEDERAL #1

Project Number:

NONE GIVEN

Project Location:

EDDY COUNTY, NM

187%

57.6-158

Sampling Date:

11/10/2011

Soil

Sampling Type: Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: #4-B PIT N OF BATT (H10245%-39) A+6

BTEX 80218	mg/kg		Analyzed By: MS		·····	····			
Analyse	Result	Fuporting Limit	Analyzed	Method Blank	6\$	% Recovery	True Value QC	RPD	Qualifler
Benzene*	<0.050	0.050	13/14/2011	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	11/11/2011	ND	6.10	102	6.00	5.24	
Surragate: 4-Bromoftworobenzene (PIL	105	% 70.7-11	8	. 6 1 4 44 110 116	कामन ११ ज	TO THE CASE OF THE TOTAL TO THE	integrand to Nahi i in in mana napanggi di milai langga sa in	(4) 1(4)	• • •
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyto	Result	Ecporting Umit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualiflor
Chloride	<16.0	16.0	11/14/2011	ND	463	1.16	400	3.29	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	fleporting Limit	Analyzed	Method Blank	85	% 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	% <i>55.5-15</i>							

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

College Zi Kin

Celey D. Keene, Lab Director/Quality Manager

Page 18 of 31



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:

Soll

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

BTEX 80218	mp/kg		Analyzed By: M5						
Analyte	Result	Feporting Limit	Anatyzod	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2011	ND	1.93	96.4	2.00	2.90	
Taluene*	<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	
a management of the process of									

Surrogate: 4-Bromofluorobenzena (PIL

104 %

70.7-118

Chlande, SM4500Cl-B	mg/kg		Analyzed By: AP				*****		ب د د د د د د د د د د د د د د د د د د د
Analyte	Result	Reporting Limit	Analyzed	Mothod Blank	6\$	% Recovery	True Value QC	RPD	Qualifice
Chloride	352	16.0	11/14/2011	ND	463	116	400	3.29	
MALOB WYT	ntg/kg		Analyzod By: MS			18 ⁰ 014, paris - 1800, paris	***		
Analyte	Result	Acporting 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: I-Chlorooctane

134 %

Surrogate: 1-Chlorooctadecane

159 %

55.5-154 57.6-158

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Page 19 of 31

2011-11-28 08:05

5753932476

Page 19/22

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.ineq.ra.as.com/frekl/sa/lab_accred_certif_intol.

Cardinal Laboratories is accreditated 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.

they theme

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



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, SM4500Ci-B

Analyzed By: AP

Result Reporting Limit Analyzed

Method Blank ND

88

True Value QC % Recovery

RPD

Qualifier

Chloride

256

Result

496

16.0 12/27/2011

464

464

116

400

3.51

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

Chloride, SM4500Cl-B

Analyte

mg/kg

Reporting Limit

16.0

Analyzed By: AP

Analyzed

12/27/2011

Method Blank

ND

BS % Recovery

116

True Value QC

400

RPD

3.51

Qualifier

Chloride

At-11

Cardinal Laboratories

*=Accredited Analyte

RABSS FORE: Utility and Damanes. Contradic liability and clarify analysis consists for any citin arising weather pages in contrast or tout, drief as limited to the amount paid by Lieut for analysis. All claims, excluding some for negligative and shall be for incidental analysis. In no some shall Common be table for incidental contrast, and analysis of analysis analysis and analysis of the applicable sometic. In no sometistic Common be table for incidental common analysis of the applicable sometic for related to the performance of the common or contrast analysis. The common of the short stated incidental contrast analysis of whether such claims absorbed to the performance of the contrast analysis.

Littling I will come so we

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

Jodi Henson From:

To: martinboys@pvtnetworks.net

Date: Tuesday, January 03, 2012 8:19:29 AM

Subject: H102451, H102777

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. Kegne

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		CI (mg/k g)
!	H200265-1	#2 AT 45'		736
·			•	
,			1	
			1	
i				!
1			ļ	
1			!	
]	Quality Control			416
i	True Value QC			400
	% Recovery	t Miffordoo		104
	Relative Percent	Comerence		3.9

METHOD: Standard Methods

4500-CFB

Note: Analysis performed on a 1:4 w;v aqueous extract.

Chemist

Date

H200265 Judah Oil

PLEASE NOTE: Linbility and Damages. Cardinate liability and client's exclusive remedy for any claim entering, whother based in contract or fort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatever shall be deemed unless made in writing and received by Cardinal within thirty (30) days after compellion of the approach 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, stilliotes or successors arising out of or related to the performance of convices hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated masons or otherwise. Results relate only to the samples identified above. This import shall not be reproduced investigation within writing approval of Cardinal Laborstories.

HULL THE BIOD AND AND INAL SESTE QUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-243	78						and otherwise in the control of the
Company Name: Judah Cil	manufacts #3 + -5-section 4 is 1, what	minored is any amount of	BIT I STATE OF THE PARTY OF THE	The ment of the	A N	4 - HS RECUE	ST
Project Manager: Gary Smith	TO THE OF SE						
Address: 1783 NONH Roselowin		dia ay.	da sk				
City: Artesia State N/A	. 2 22 (1727)			:			
Phone #: 525-203-8053 Fax #:			,	:			
Project#: Project Owns	thail or	161.25	4/4				
Project Name: OXy T-Bour Federal #/						· · · · · · · · · · · · · · · · · · ·	
Project Location:		o de la fri		,			
Sampler Name:		£ = + #	1の大連が高度であっている。 単心中・を埋める	j	1		
FOR LAE USE DNLY	241, (1)	PI SEC	SAMPL				
	(C)OMP LH.V. AYES (F)						
Lab I.D. Sample I.D.	24. A.	1 1	•				
Cab i.b. Sample i.b.				3			
H 200265	GIRAB OR (CARABON)	STURGE STURGE ICE (DOC	DATE THE				
-1 #2 at 45'		*****	442 3134.	Contract Decision Co.		and the same of th	
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Relinquished By: Date: 2, 2, 1, 1	Rec. ved By:	Alleria Albanderia.	en er en	C. S. Mariannessa.	T 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	This is the	POTTE TENTO
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Relinquished By: Date:	Rei Wed By:	etter gette	· · · · · · · · · · · · · · · · · · ·	The state of	can an	Telonts, me	,£.
Time:		a*		erzone kare j	Sp. 10.		
Delivered By: (Circle One)	Se ayes 103	Risa Balais	487				
	Dopt I test		- A				
Sampler - UPS - Bus - Other:	P Scot I tect	No. CIT	Discours (MSM) (SE v	ris kalkerraksztés rist	many pagament to 1984 246	androneniu (Liro (1880)) paganisatan kilo (1991) anna	اد المارية المارية على المارية المارية المارية المارية الماري

† Cardinal cannot accept verbal changes. Please fax exittee changes to 5.1 12 2011

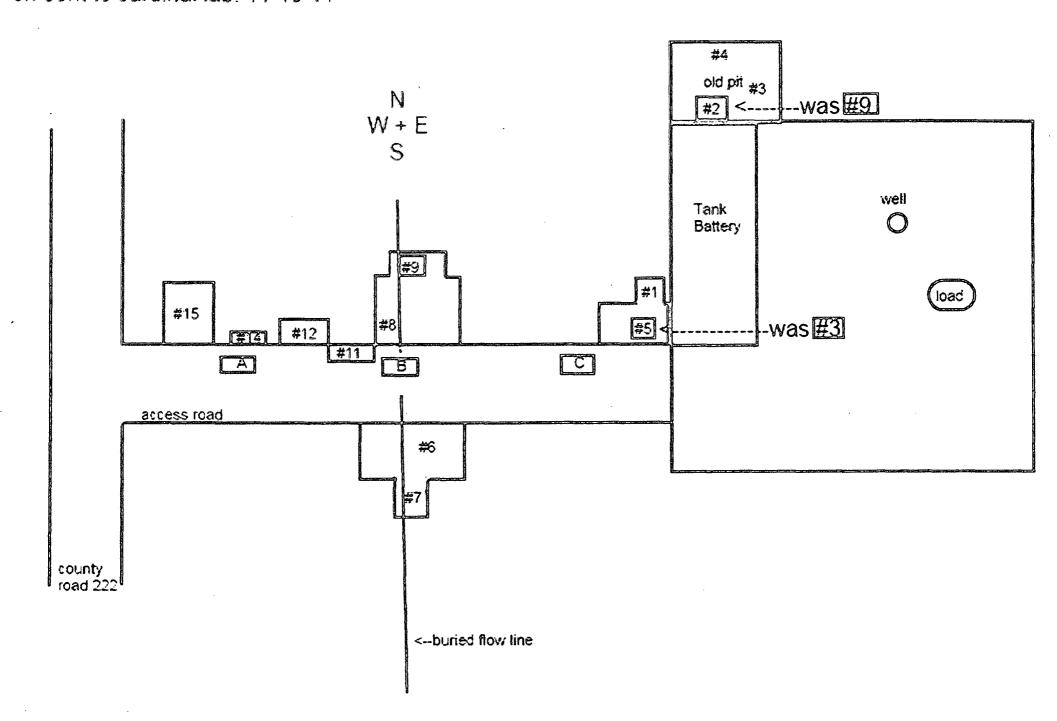
TNT BACKHOE SERVICE P.O. BOX 133 ARTESIA, NM 88210 505-365-7827 505-365-7634

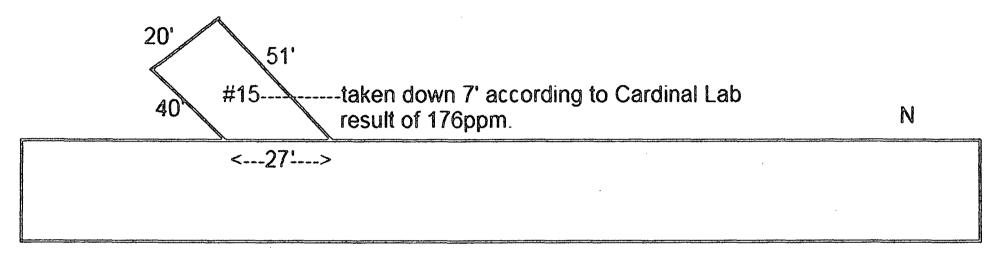
505-746-0807 FAX

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.

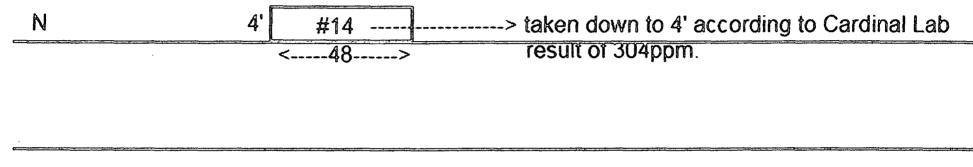
cy T-Bone Federal #1

pill) samples ran in field
en sent to cardinal lab. 11-10-11

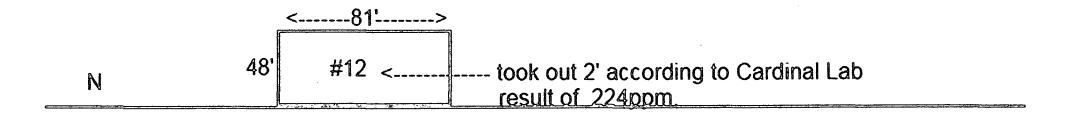




OXY T-Bone Fed #1 lorth of road #14.

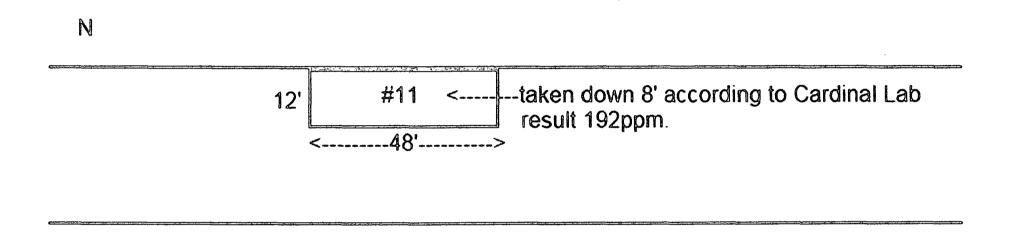


OXY T-Bone Fed #1 North of road #12

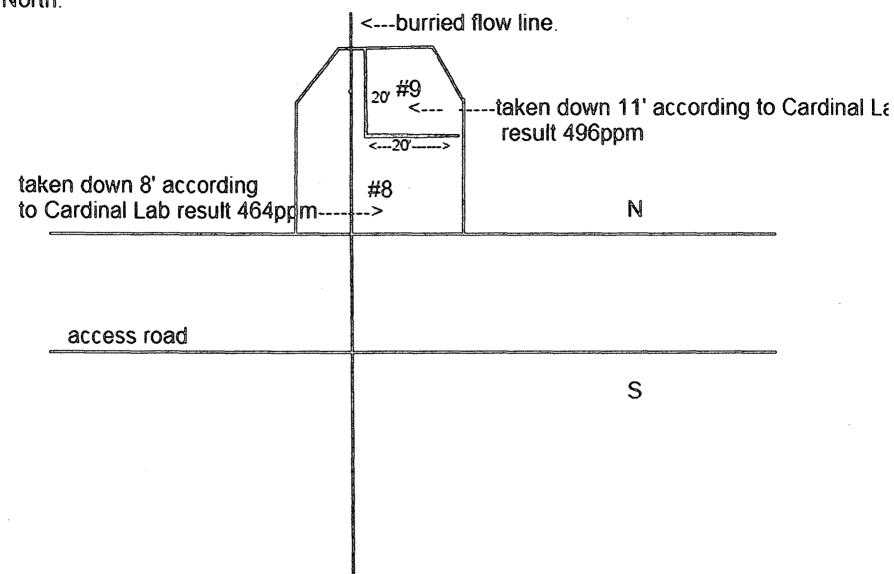


access road

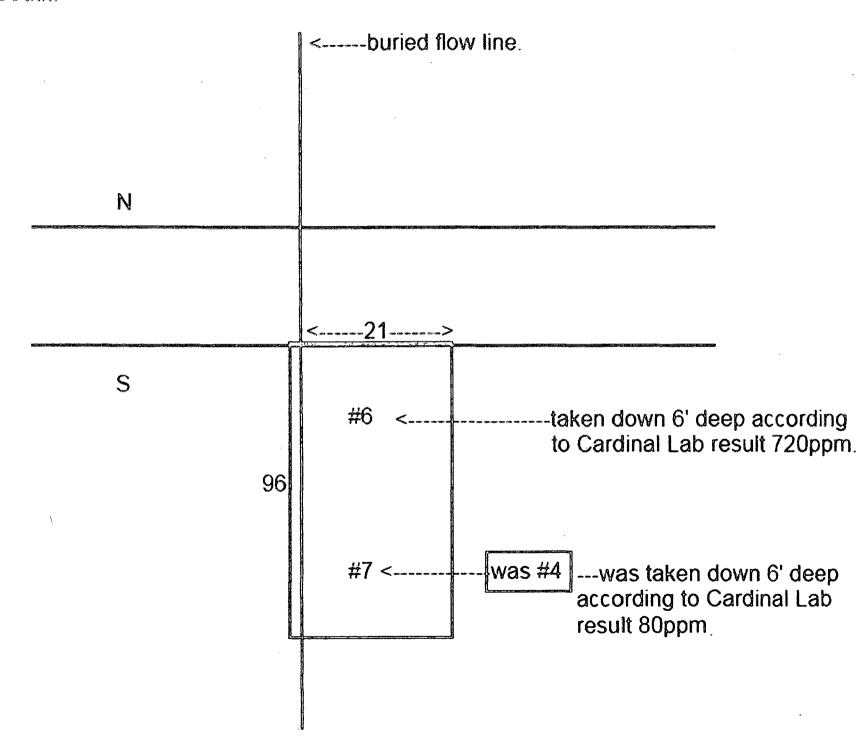
Y T-Bone Federal #1 orth of access road #11

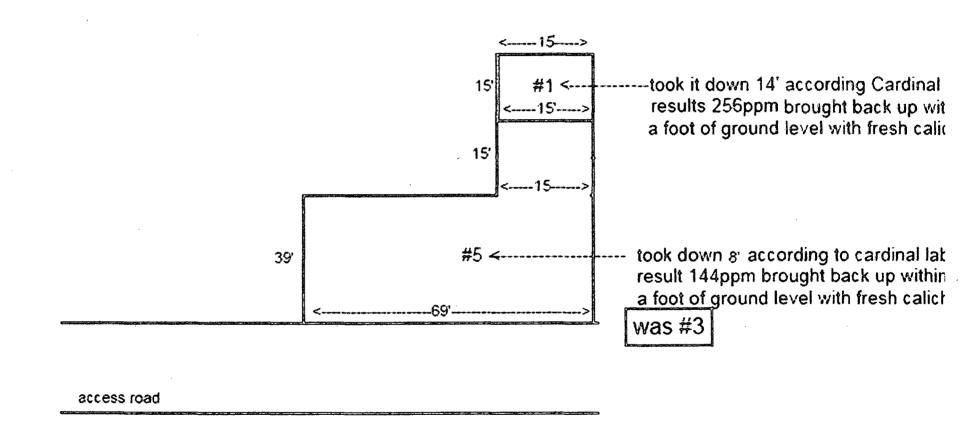


XY T-Bone Fed #1 iddle Section North.

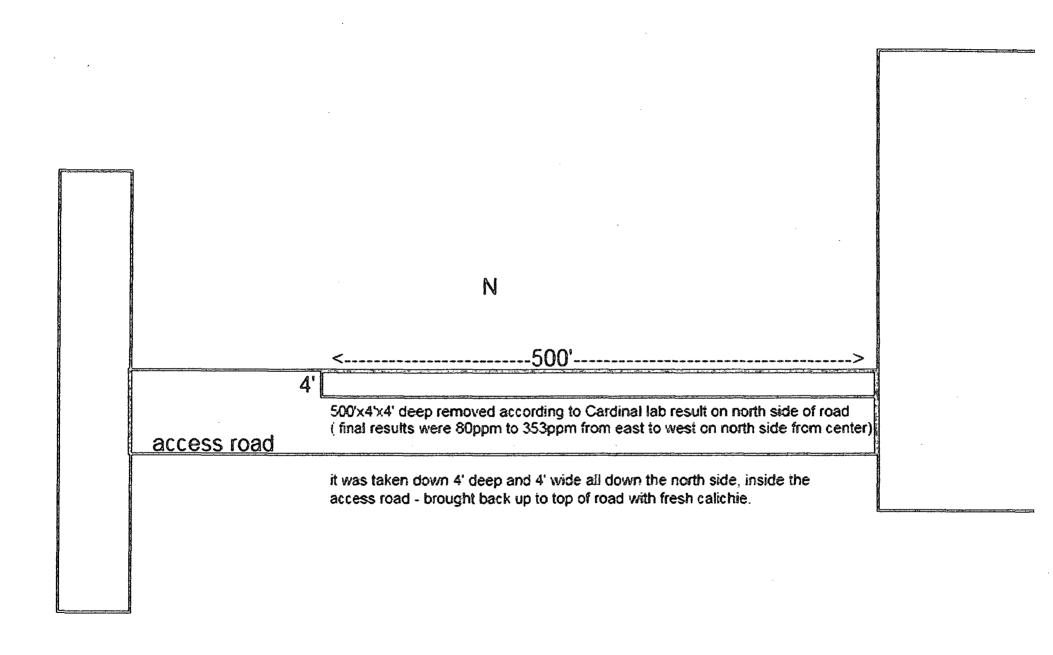


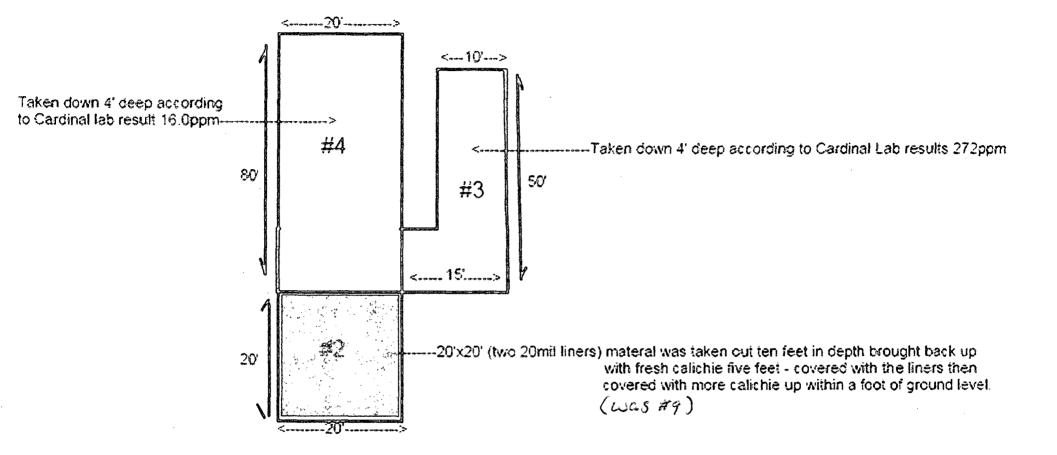
1xy T-Bone Fed #1 Aiddle section South.





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





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

505-746-0807 FAX

NM Calichie 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	
ROYALTY DUE DATE 02/10/12	PIT NO. <u>477</u>
PURCHASER:	INST.: C. S.
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	
MATERIAL SOURCE: SECTION 2 TOWNSHIP 19	SRANGE31ESUBDIVISIONSW4SW4
MATERIAL,USE: WELL PAD / ROAD CONS	TRUCTION
OPERATOR	JUDAH OIL
WELL NAME	T-BONE FED 31
WELL LOCATION SEC 33 TWP 1	8S_RGE_31E_SUBDIVISION
OTHER USE:	
LOCATION: SEC TW	/P RGE
FOR WHOM FURNISHED:	
M-53.5 / REVISED 11/17/03 mm	SIGNATURE

CALICHE MINING PERMIT NO. CO 4038

					`	
THIS AGREEMEN						
between the STATI PUBLIC LANDS, I				lersigned,	its COMMIS	SSIONER OF
TOBLIC LANDS,		IOE SERVICES	anu			****
hereinafter called th						
WITNESSETH, the an application fee, application, agrees privilege to, at any remove caliche from Eddy	receipt of which is to and hereby does and all times durir	hereby acknowledges convey and grant to ag the term hereinaftes scribed real property	ed, together we the permittee er provided fo	ith the sul the non- r, enter up	omission of t exclusive rig on, explore,	he written ht and
INSTITUTION C. S.	SECTION 2	TOWNSHIP 19S	RANGE 31E		<u>DIVISION</u> W4SW4	ACRES 40.00
	-					
Pit Site No. 47						
TO HAVE AND T first written above A, and by reference	and ending1/2	subject to	n of 15 c	ays condition	beginning fr is set out in A	om the date. Attachment
IN WITNESS WH by its Commissione Permittee has signe	er of Public Lands	thereunto duly author	orized, with th	e seal of h	is office affi	
SEAL			Rai	R	MEXICO OF PUBLI	-7H
EXECUTED IN TI	RIPLICATE	Marin Company	PERMIT	TYPE	mile)
SUBSCRIBED AN	ND SWORN to be	fore me this10ti	day of _	Janu	ary 20	12 .
My commission ex	pires:					
June 8, 2015	-	(10m		1, Ha	212
			NOTAR	Y PUBLI	E \	
			•		↓ •	

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, SUIVE 147 HOBBS, NEW MEXICO 88240

DATE 01/2	7/12	PERMIT N	O	CO 4054
EXPIRATION DATE	02/10/12			
ROYALTY DUE DATE _	01/27/12	PIT NO4	.77	
PURCHASER:	•	INST.:	C. S.	
NAME TNT B	ackhoe Servies	PHONE #	(505) 365-	7827
ADDRESS P	O. Box 133	_		
Arte	esia NM 88211	-		
MATERIAL:				
TYPE:	Caliche	AMOUNT USED:	10	000
UNIT COST:	1.25	ESTIMATED CUBI	IC YARDS:	1000
TOTAL COST:	1,250.00	TONS:		
MÁTERIAL SOURCE:				
SECTION2	TOWNSHIP 19S	RANGE 31E SUBDIV	VISION	SW4SW4
MATERIAL USE: WELI	L PAD / ROAD CONSTRU	UCTION		v
OPERATOR		JUDAH OIL		
WELL NAME_		T-BONE FED 3	31	
WELL LOCATION	SEC 33 TWP 188	RGE 31E SUBDIVISION	١	
OTHER USE:				
LOCATION:	SECTWP_	RGE	ž	
FOR WHOM FURNISHE	ED:			,
M-53.5 / REVISED 11/17/03 mn				

APPLICATION FOR CALICHE MINING PERMIT UPON STATE LAND

Commissioner of Public Lands

P.O. Box 1148 Santa Fe, New Mexico 87504-1148 Sir: whose post office address is TNT Backhoe Services ____, State of ARTESIA, NEW MEXICO 88211 P.O. Box 133 hereby make application for a mining permit for the exploration, development and production of caliche upon the following described lands, or such portion thereof as may be available, situated in the county of . State of New Mexico: **TOWNSHIP SUBDIVISION ACRES** SECTION RANGE 40.00 19S SW4SW4 2 31E 477 (if known). Mineral Material type-caliche. This application is made for the purpose of extracting 1000 cubic yards of caliche from the permit site. The Applicant hereby submits the following: X The sum of thirty dollars (\$30.00) as an application fee; and a five thousand dollars (\$5,000) damage bond, or ten thousand dollars (\$10,000) blanket bond (if existing blanket bond on file, please note date of filing: a performance bond in the amount of two thousand dollars (\$2,000); or as ten percent (10%) advance royalty, if the total royalty due exceeds two the sum of \$ thousand dollars (\$2,000); or a performance bond or advance royalty is not required. X Advanced Royalty New Mexico Lea COUNTY OF TNT Backhoe Services Subscribed and sworn to, affirm, before me by (Applicant, agent, attorney-in-fact, or officer of corporation) 10th Feb. the above named applicant, this day of My commission expires: June 8, 2015

APPLICATION FOR CALICHE MINING PERMIT UPON STATE LAND

Commissioner of P.O. Box 1148 Santa Fe, New M	of Public Lands Mexico 87504-1148				
hereby make ap	P.O. Box 133	r such portion there	ARTESIA, oration, developme	NEW N	ose post office address is MEXICO 88211, duction of <u>caliche</u> ed in the county of
SECTION 2	TOWNSHIP 198	RANGE 31E	<u>SUBDIV</u> SW4S	1	ACRES 40.00
Pit Site No	477 (if known). M	Aineral Material typ	pe-caliche.		
This application	n is made for the purpo	ose of extracting	500 cub	ic yards o	f caliche from the permit site
X The sum a five the existing a perform the sum of thousand	of thirty dollars (\$30. obtained bond on file, plance bond in the amoof \$ as ter dollars (\$2,000); or nance bond or advance	00) as an application of damage bond, or olease note date of funt of two thousands percent (10%) advantages.	ten thousand dollar filing:) d dollars (\$2,000); vance royalty, if the	and or	blanket bond (if lty due exceeds two
X Adva	anced Royalty	e e Ny e	ву	Applic	e Services ant Authorized Agent
STATE OF	New Mexico Lea)) ss			
Subscr	ibed and sworn to, afl	firm, before me by	TNTB	ackhoe S	ervices
	(Applicant, age	nt, attorney-in-fact,	or officer of corpo	ration)	
the above name	d applicant, this	10th	day of Ja	nuary	20 12 .
My commission June 8, 2015			Jam	my 7	Vones

CALICHE MINING PERMIT NO. CO 4054

between the STAT PUBLIC LANDS, hereinafter called t WITNESSETH, th an application fee, application, agrees	E OF NEW MEXIC hereinafter called to TNT BACKH he "Permittee," e Commissioner in receipt of which is to and hereby does and all times during	CO, acting by and the "Commissioner," IOE SERVICES consideration of the hereby acknowledges convey and grant to get the term hereinaft	rough the under and	2_, made and entered rsigned, its COMMIS esum of thirty dollars the submission of the non-exclusive riguenter upon, explore, county of	SSIONER OF s (\$30.00) as he written ht and
Eddy	, New Mexic	0.			
INSTITUTION C. S.	SECTION 2	TOWNSHIP 19S	RANGE 31E	SUBDIVISION SW4SW4	<u>ACRES</u> 40.00
	77				
Pit Site No. 47					
TO HAVE AND To first written above A, and by reference	and ending 2/	10/12 , subject to		beginning from beginning from beginning from beginning from the beginn	
	er of Public Lands	thereunto duly author	orized, with the	and caused its name seal of his office aff written above.	
SEAL.			La	OF NEW MEXICO TOLK STONER OF PUBLI	CLANDS
EXECUTED IN T	RIPLICA FE		PERMIT	ree	
SUBSCRIBED A	ND SWORN to be	fore me this 27t	h day of	January 20) 12
My commission e:	xpires:		,	ı	
June 8, 2015			NOTARY	PUBLIC PUBLIC	men

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 \$\frac{Advanced Rovalty}{\text{oreal}}\$ 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 experise, 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 per-
nitted 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 (
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

DATE 01/10/12	PERMIT	NO.	CO 4038	
EXPIRATION DATE 01/24/12	1	!		
ROYALTY DUE DATE 01/11/12	PIT NO.	477		
PURCHASER:	INST.:	C	. S.	
NAMETNT Backhoe Servies	PHONE #	(50	5) 365-7827	
ADDRESS P.O. Box 133	_			
Artesia NM 88211	-			
MATERIAL:				
TYPE: Caliche	AMOUNT USE	D:	500	
UNIT COST: 1.25	ESTIMATED CU	BIC YAR	DS: 500	
TOTAL COST: 625.00	TONS:			
MATERIAL SOURCE: SECTION2TOWNSHIP19S	RANGE 31E SUBI	DIVISION	SW4SW4	
MATERIAL ÚSE: WELL PAD / ROAD CONSTRU				
OPERATOR	JUDAH OII			
WELL NAME	T-BONE FEL	31		_
WELL LOCATION SEC 33 TWP 18S	RGE 31E SUBDIVISI	on		
OTHER USE:				
LOCATION: SEC TWP_	RGE			
FOR WHOM FURNISHED:				
M-53.5 / REVISED 11/17/03 mm	SIGNATURE			

CALICHE MINING PERMIT NO. CO 4068

THIS AGREEMEN			Feb. 20 1	2, made and entere	ed into
between the STATE		CO, acting by and the	rough the unde	rsigned, its COMMI	SSIONER OF
PUBLIC LANDS, I			' and	**	
		HOE SERVICES			
hereinafter called th	e "Permittee,"				
WITNESSETH, the	Commissioner in	consideration of the	e navment of the	e sum of thirty dollar	rs (\$30,00) as
an application fee, r					
application, agrees					
privilege to, at any					
remove caliche from					, product and
	, New Mexic		,		
			*		
INSTITUTION	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	SUBDIVISION	<u>ACRES</u>
C. S.	2	19S	31E	SW4SW4	40.00
Pit Site No. 47	7				
TO HAVE AND TO	O HOLD said land	d and pit sit for a teri	m of 15 da	ys beginning fi	rom the date
first written above a				conditions set out in	
A, and by reference	is made a part he				
				*	
				and caused its name	
				seal of his office aff	ixed, and the
Permittee has signe	d this agreement t	to be effective the da	y and year first	written above.	
SEAL			─ STATE (SE NEW MEVICO	
SEAL				OF NEW MEXICO	
			\9\c,	1 47110VV	- 411
•	* +		COMMIS	SONER OF PUBL	IC LANDS
			Æ.		<i>K</i>
4				as smy	<u> </u>
EXECUTED IN TR	RIPLICATE		PERMIT	PES/	
	- ,	14	(
SUBSCRIBED AN	JD SWORN to be	fore me this 10th	day of	Feb. 20	n 12-
30B3CRBED AI		Tote the this	day 01	21	· · · · · · · · · · · · · · · · · · ·
My commission exp	pires:				
			<u> </u>	١,	
June 8, 2015			\sqrt{n}	mmy Ho	rec
			NOTARY	PUBLIC \	

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ATTACHMENT A

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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 \$
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
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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 (
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.

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

NMNW-126781 Com

Number LISSIC, I CONTRACT TERMS UNLEED STATES DEPARTMENT OF THE INTERIOR (check appropriate block) BUREAU OF LAND MANAGEMENT (a) All materials in contract area in excess of estimated FOR ATOM OR MARKAL MATERIAL amounts are reserved by the United States. NEGOTIATED CASH SALE CONTRACT Severance and/or A Removal in excess of real (\$2,499 or less for vegetative malerial) quantity will subject the Purchaser to trespass action. (\$2,000 or less for mineral material) ** (b) The quantity of material is predetermined amount and State New Mexico may be more or less than the actual amount. Field Office/District Carlsbad Field Office (c) Payment shall be made prior to Date of Sale Severance and/or XX Removal of additional imas February 9, 2012 Name of Purchaser which exceed estimated quantity Judah Oil, LLC Address (include zip code) P.O. Box 568 Artesia, NM 88211 SOC. 2 GENERAL STIPULATIONS (check appropriate block) RATE/UNIT PRICE Removal or all materials must be in strict accordance with UNITS EST. QTY (\$) instructions of the Authorized Officer and the following \$408.00 conditions and requirements: \$0.00 No make where the xxx severed xxx removed unless make the \$0.00 ROAD MAINT FEE of otherwise designated by the Authorized Officer. Title to material sold \$240.00 MAT. SITE REC. FEE ander this construct shall remain in United States and shall not pass to TOTAL PURCHASE PRICE \$648.00 Purchaser will such material has been removed from the contracthings are not all as in the said that expendence es. If this contract involves severance of vegetative material, risk of Approximate the William Control of the To reserve the random carbon raw loss and the bound by the Purchaser after the material in our bothing of the Chane is a series of case. Contract squies (date) 'wrein shall be construed to relieve the Purchaser from light by our any bread of contract or any wrongful or negligent act or to any 2 weeks from 'Date of Sale' violation of my applicable regulation of the Department of his Pit: T17S, R31E, Sec. 25: SWSW. Porchasor shall take such measures for prevention and suppression of Job: T. 18S, R. 31E, Sec. 33: Oxy, T-bone Fed #1 Unit C, Road Repair fire on the contract area and other United States lands as are recoined by applicable laws and regulations. Purchaser shall dispose on those - accordance with instructions from the Authorized Officer If the Purchaser violates any of the provisions of this contact the 1 7582 3 Eddy (015) \$408.00 Authorized Officer may, by written notice, suspend any funda-operations of the Purchaser, except such operations as may be CN R (369) necessary to remedy any violations. If the Furchaser falls to remees all violation within thirty (30) days after receipt of the suspension 7 (9) (5900) notice the Authorized Officer may, by written notice, cancel this contract, take appropriate action to recover all damages suffered by Road Mantesa (20 - c) Government by reason of such violation, and inform the Purchaser that the, will not be issued any further contracts for up to that the Mile of the Ka anrest Packett Removal Receipt No(s): \$240.00 150. J. (5.29) the of the confidence of the fire that is well as well as the fire of as indice and indicate maj property a SEC. 3 SPECIAL STIPULATIONS citizen. If the traite is takes, Princheson advisorable the training he has read and understands the (check appropriate block) ter is ano construents. as contract and acceptable of into-The KY Special Provisions and/or 🔀 Maps attached are made a p. c. o. 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

Number 18420

Address (include zip code)

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)

State	New Mexico	
Field Office/District	Carlsbad Field Office	
Date of Sale	March 7, 2012	
Name of Purchaser	Judah Oil, LLC	

P.O. Box 568 Artesia, NM 88211

WARRING WAR IN THE PARTY OF THE		B		
	,		RATE/UNIT	PRICE
KIND OF PRODUCT	UNITS	EST. QTY.	(\$)	(\$)
Sand	LCY	500	\$1.70	\$850.00
				\$0.00
The state of the s				\$0.00
ROAD MAINT. FEE or				
MAT. SITE REC. FEE	LCY	500	\$1.00	\$500.00
		TOTAL PURC	HASE 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'

NES NESERE SERVICE COME PROPERTY OF ESCUEDANCE.

CREW ESCUE A REPORT A REVISED SERVICE OF ESCUEDANCE.

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

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		የ 500.00
(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 Purchase

Signature of Authorized Officer

Field Field 5 (Jamus 2002)

Field Manager

NMNM-126781 Com

SEC. / CONTRACT TERMS

(check appropriate block)

- (a) All universals in contract area in excess of estimated quantity are reserved by the United States.
 - Severance and/or XX 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.

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 uniterial may be xx severed xx removed unless marked or

otherwise designated by the Authorized Officer. Title to material sold unifor 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 less 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 violetion 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 days 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 <u>must</u> have a copy of contract present in each vehicle handling minerals on site. <u>Berm</u> pit entrance upon completion.

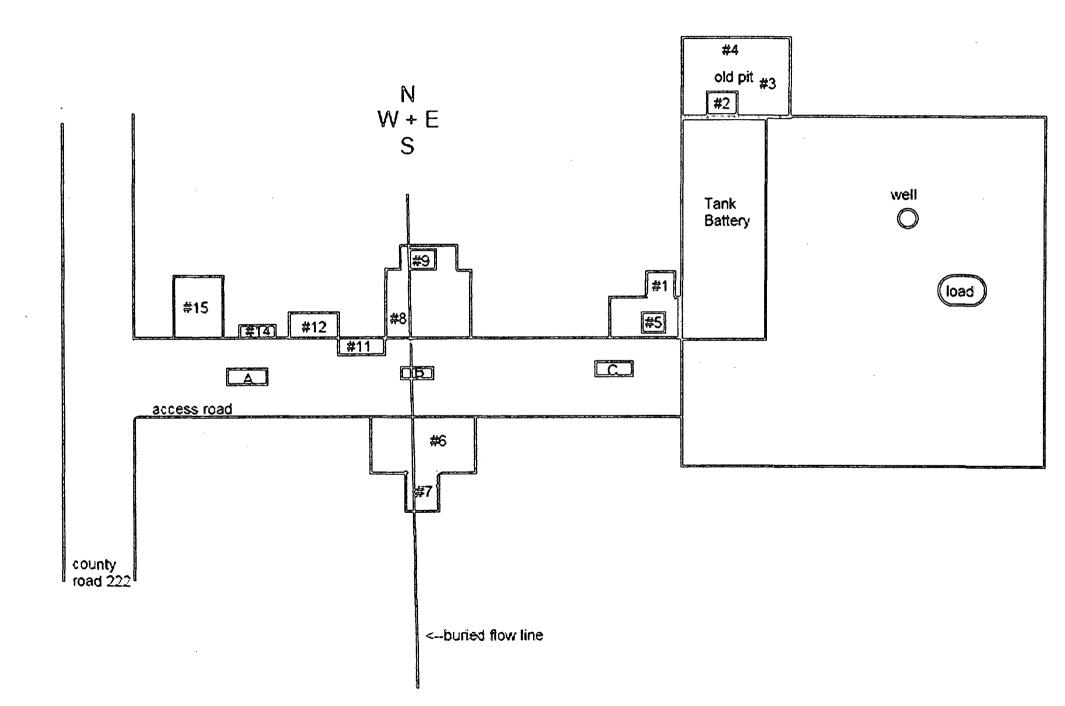
No Trackhoes allowed

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

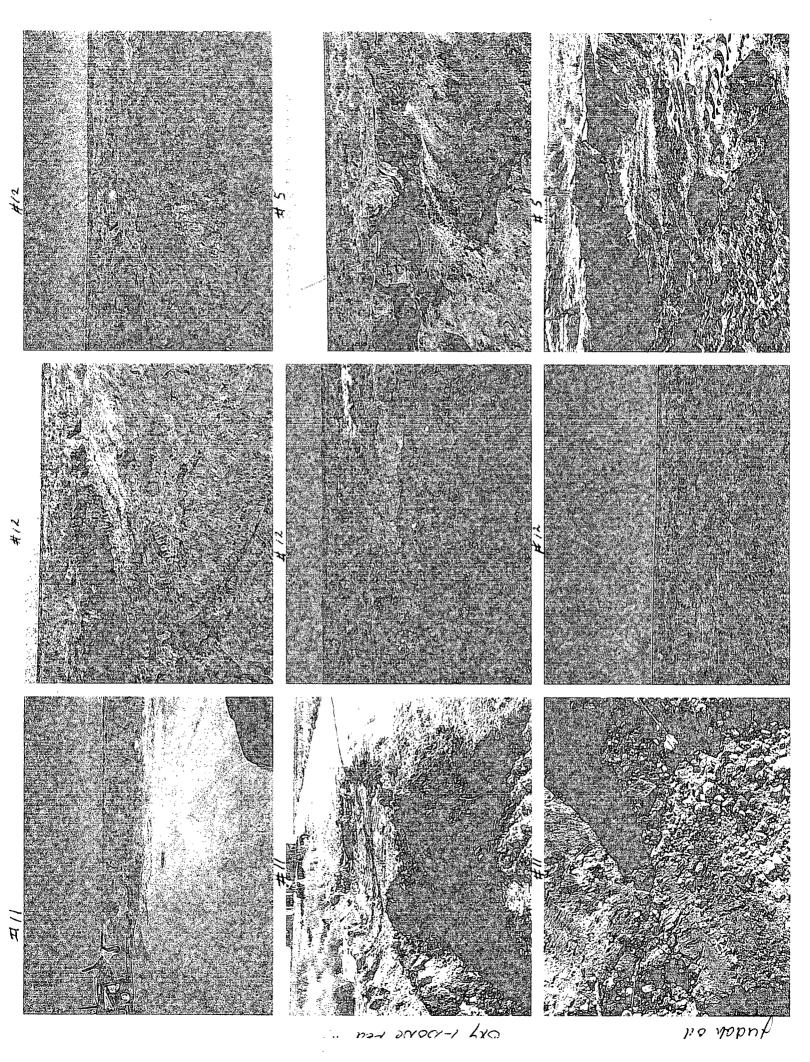
505-746-0807 FAX

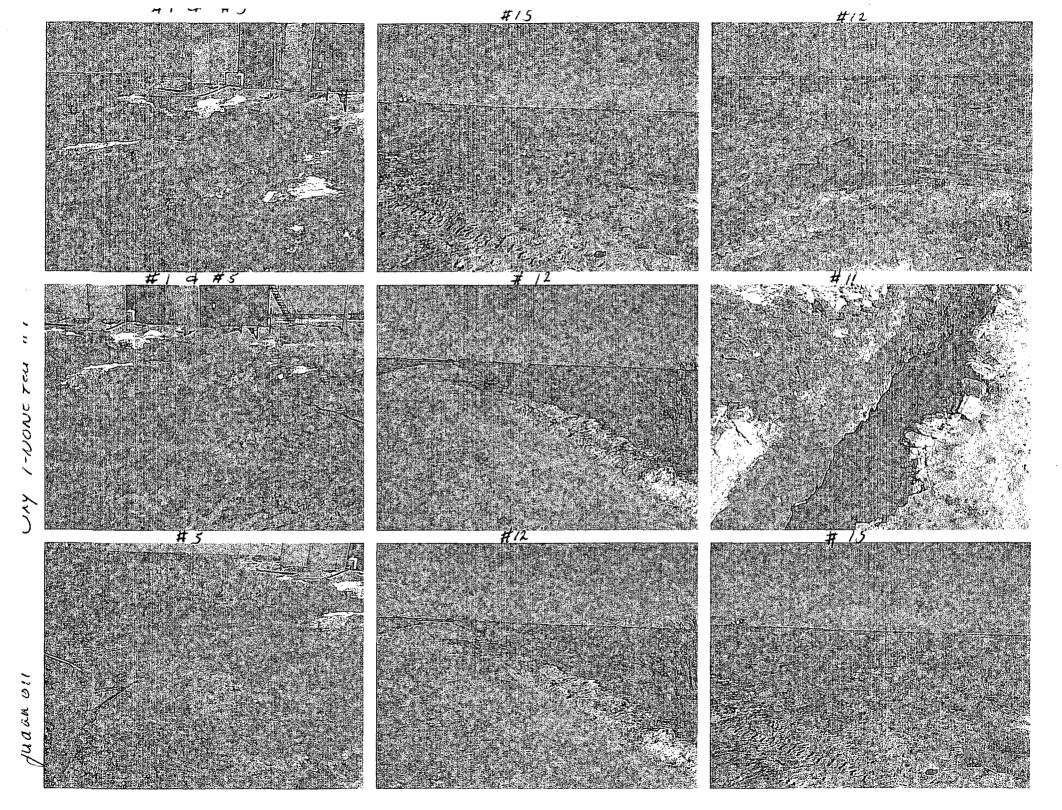
Pictures of job, included is a "map to give a visual as to the general area the picture came from.

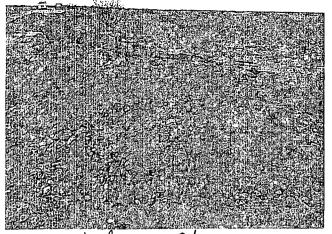
idah oil 2011 ty T-Bone Federal #1 pill) samples ran in field en sent to cardinal lab. 11-10-11



12-20-11







North of access Ad

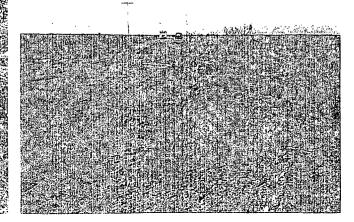


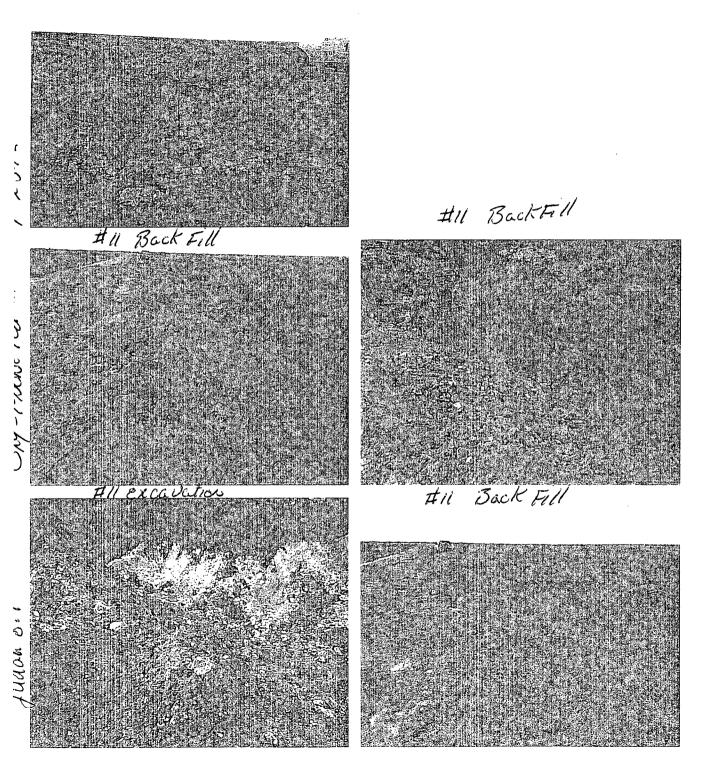
worth of access RD

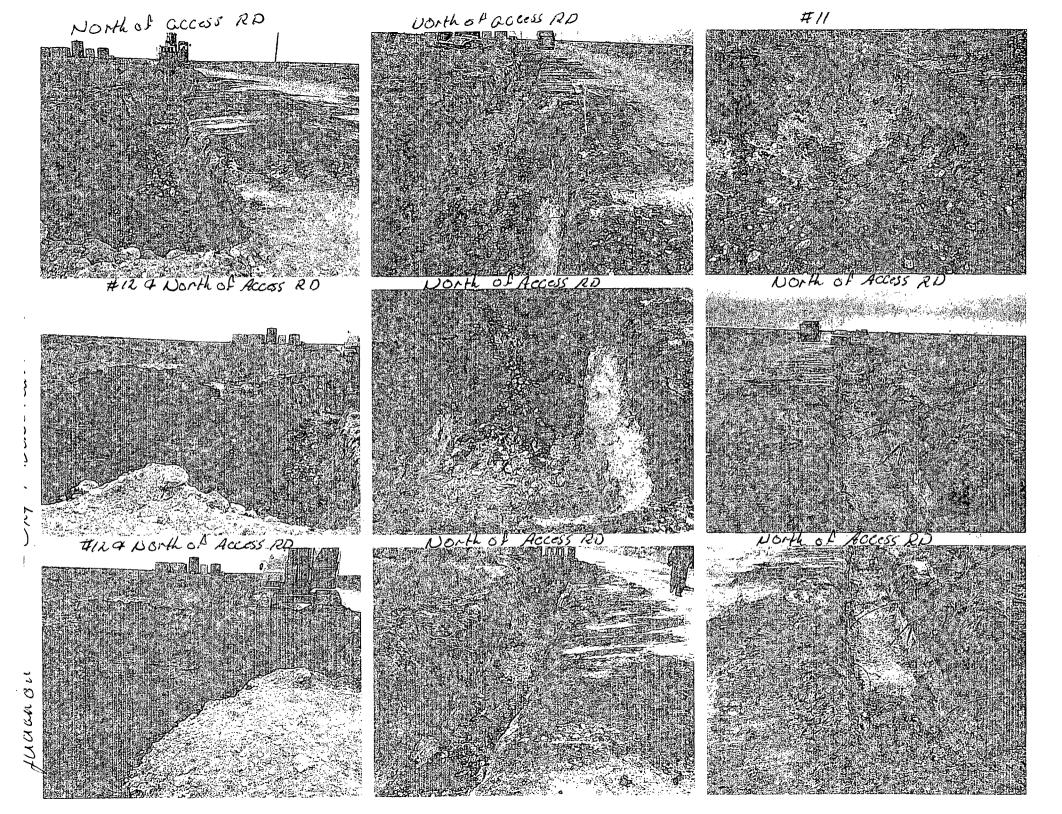


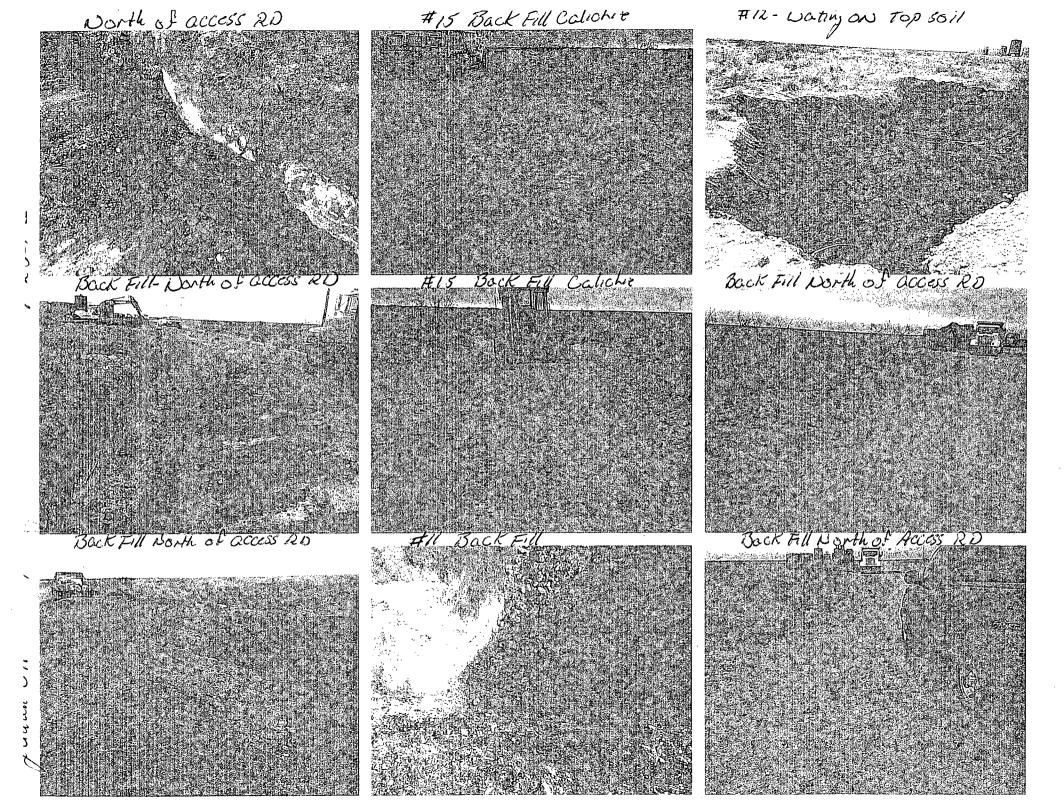
North of access Road "Backfill"



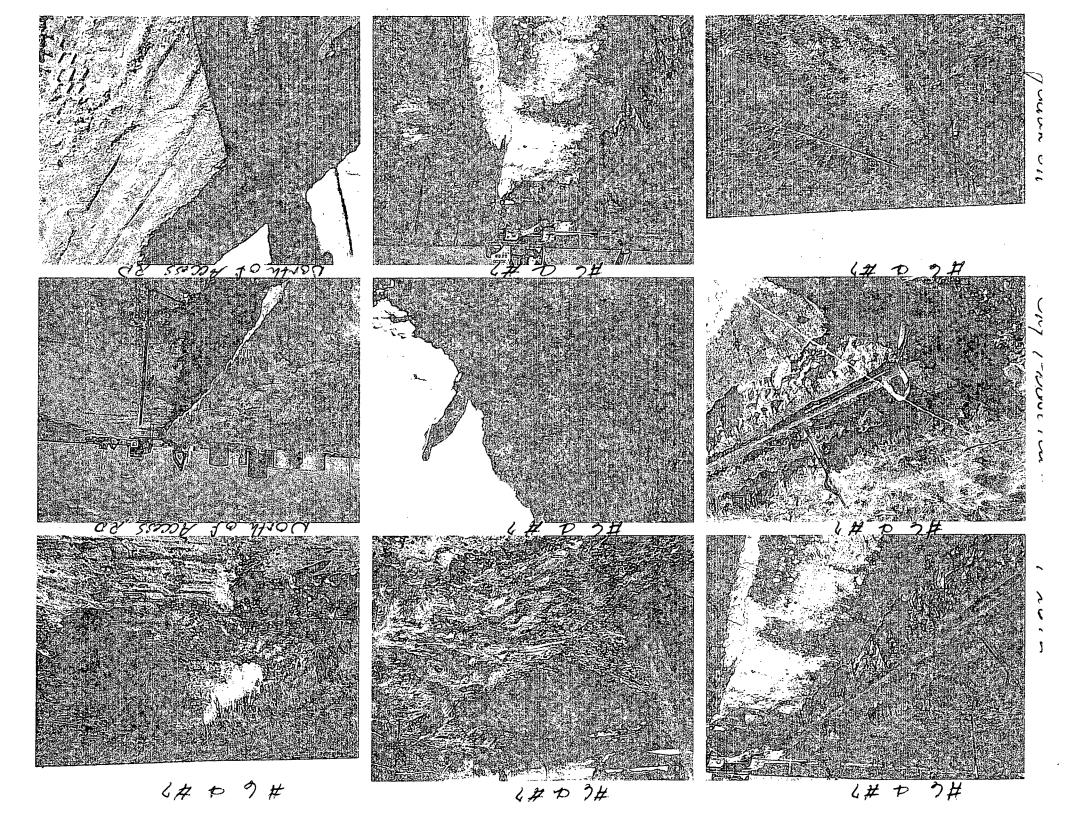


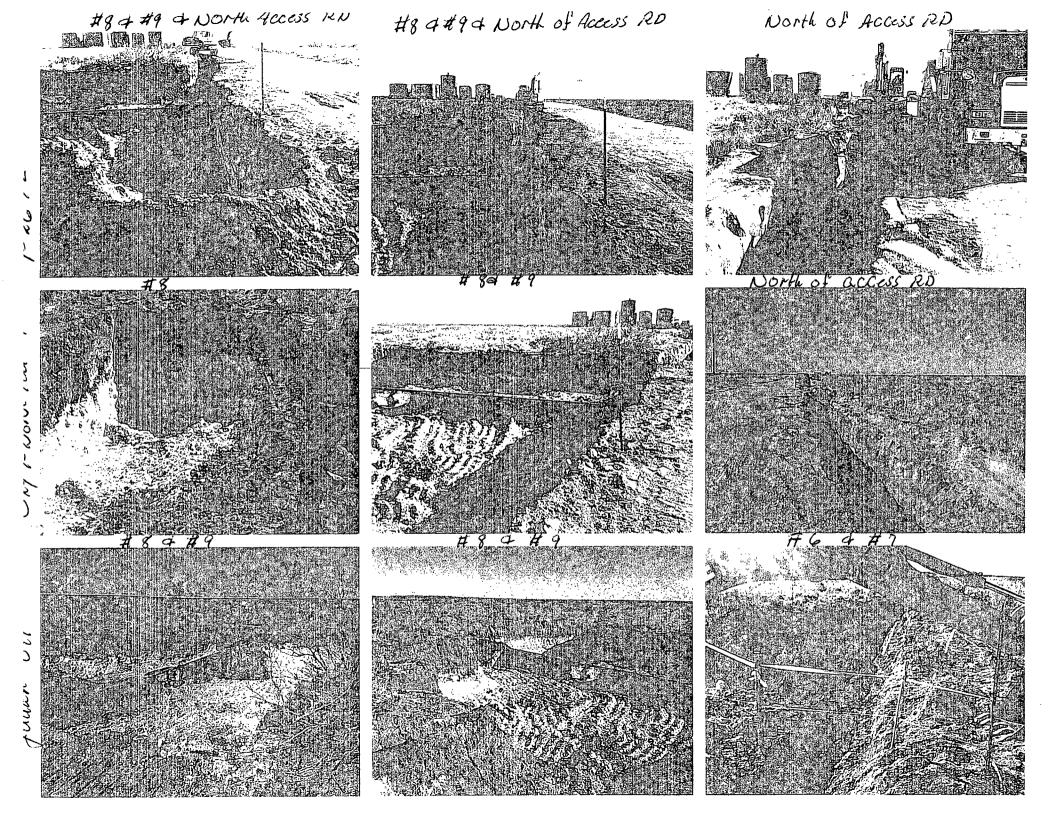


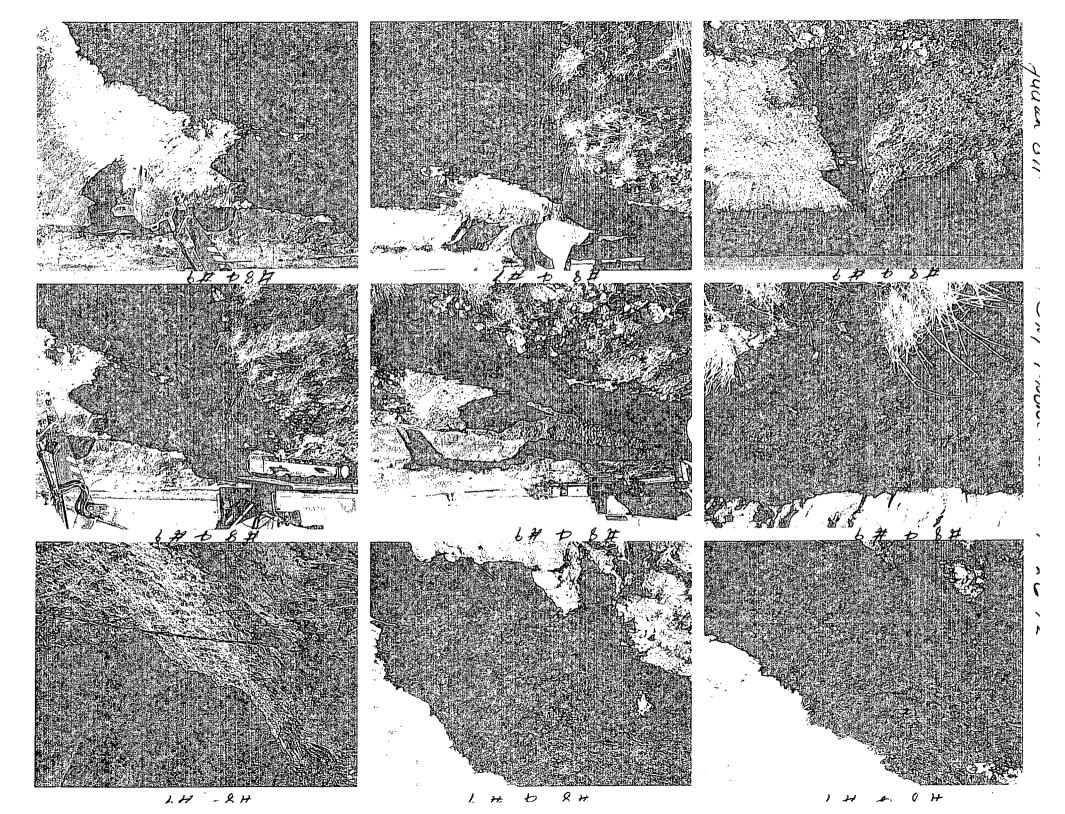




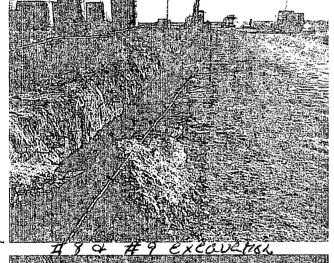
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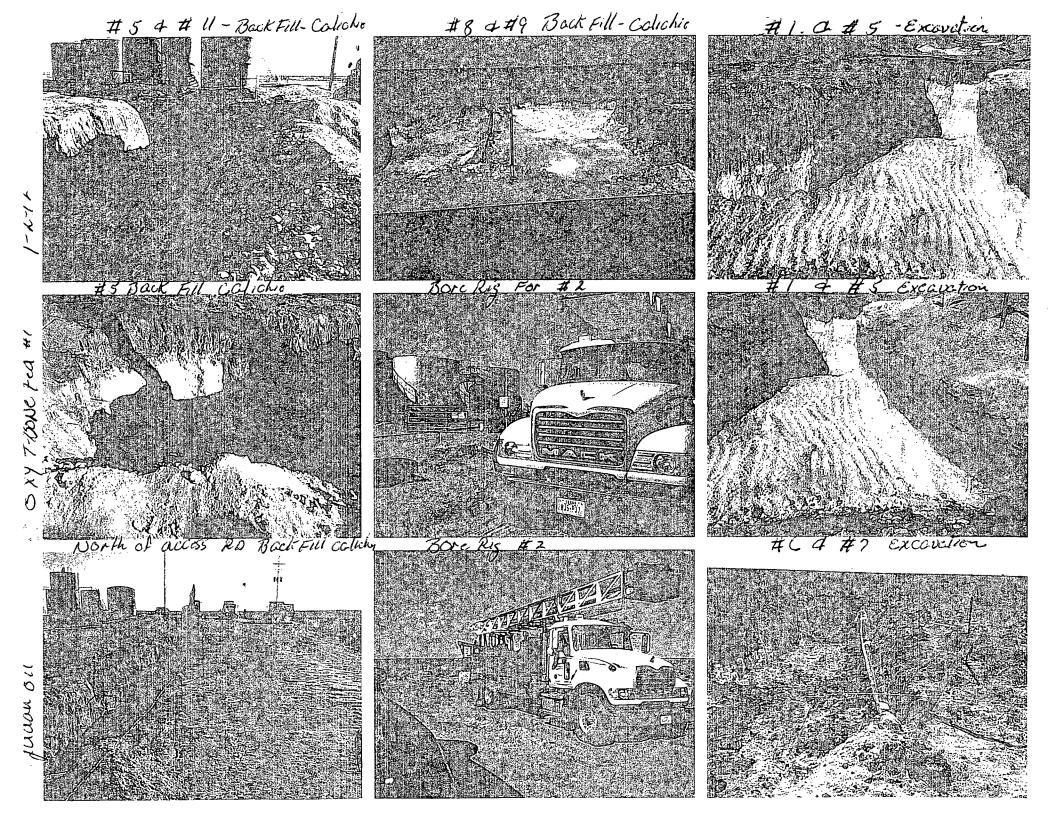


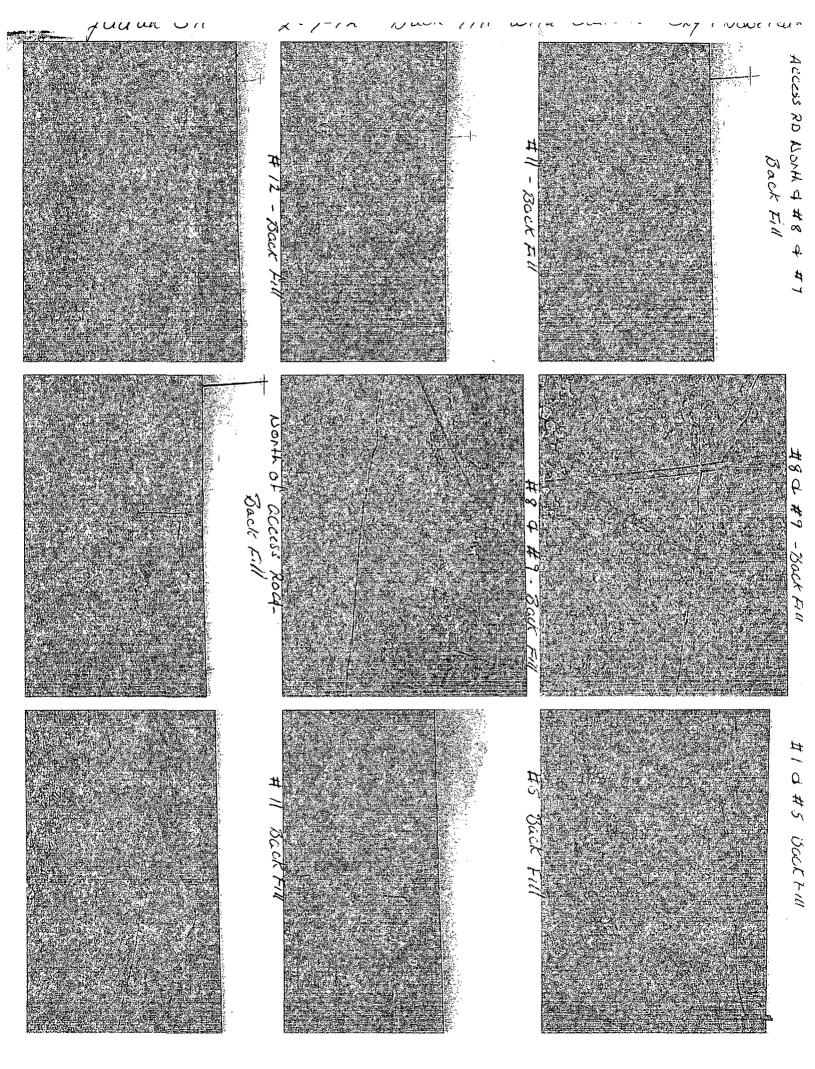
Northof Access RD Back Fill calichu

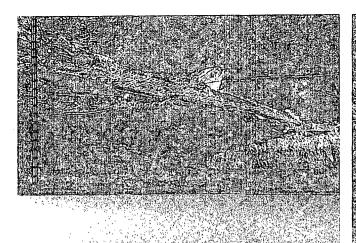




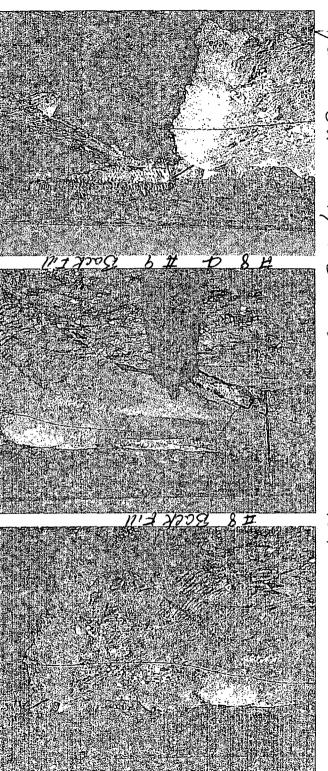
Excavation



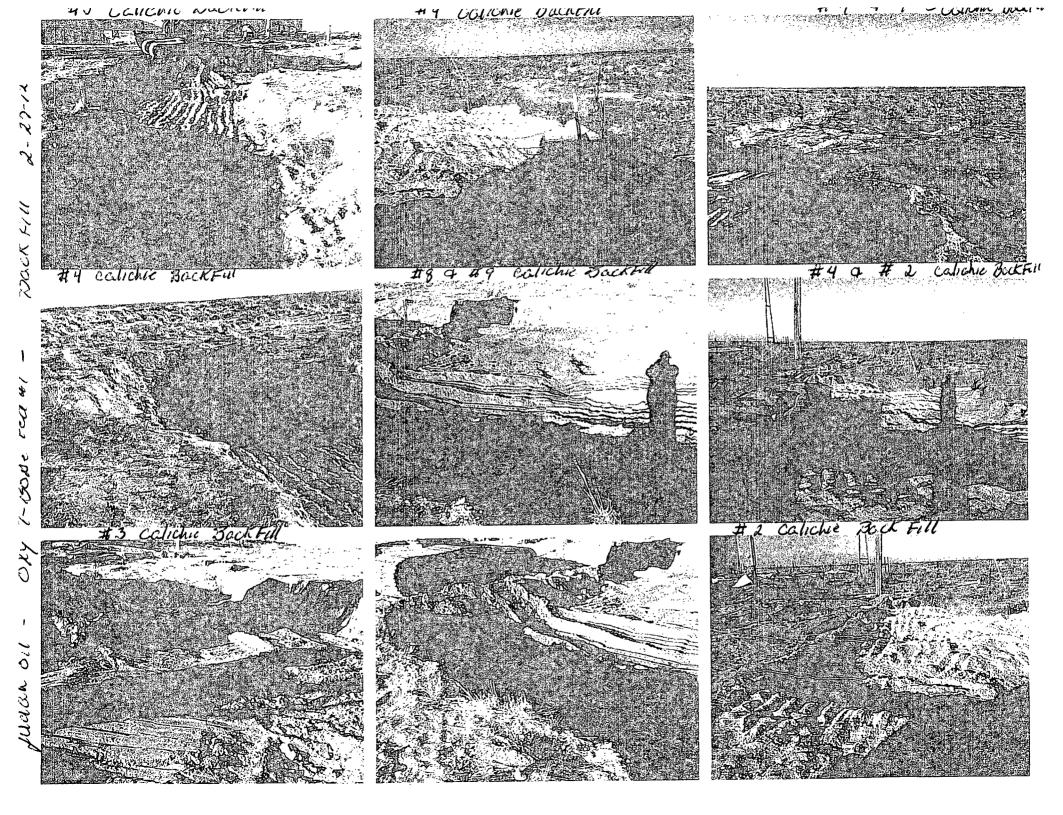


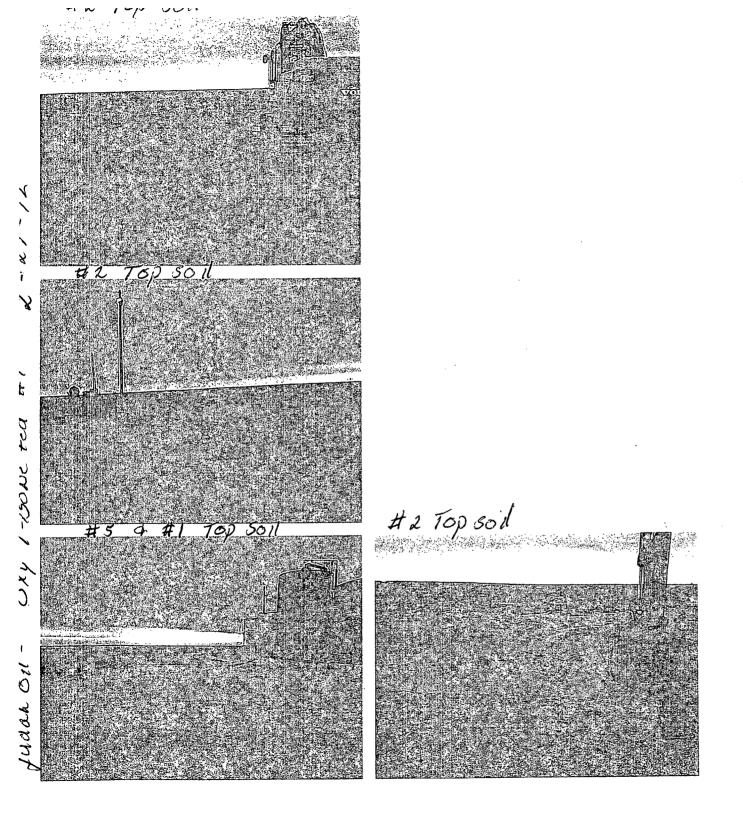


1:4708 P#



0 11

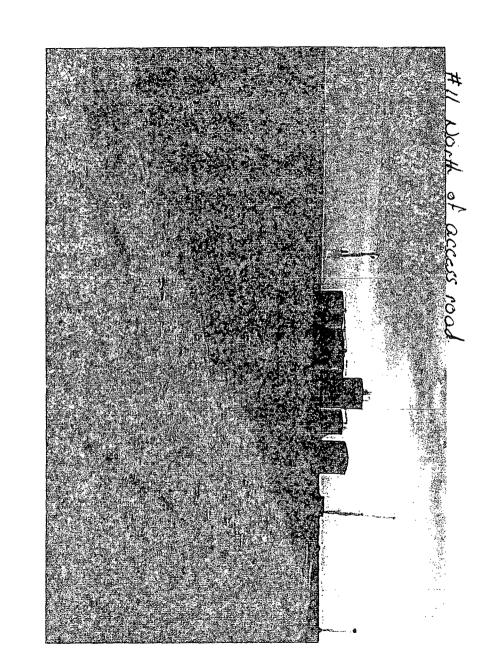




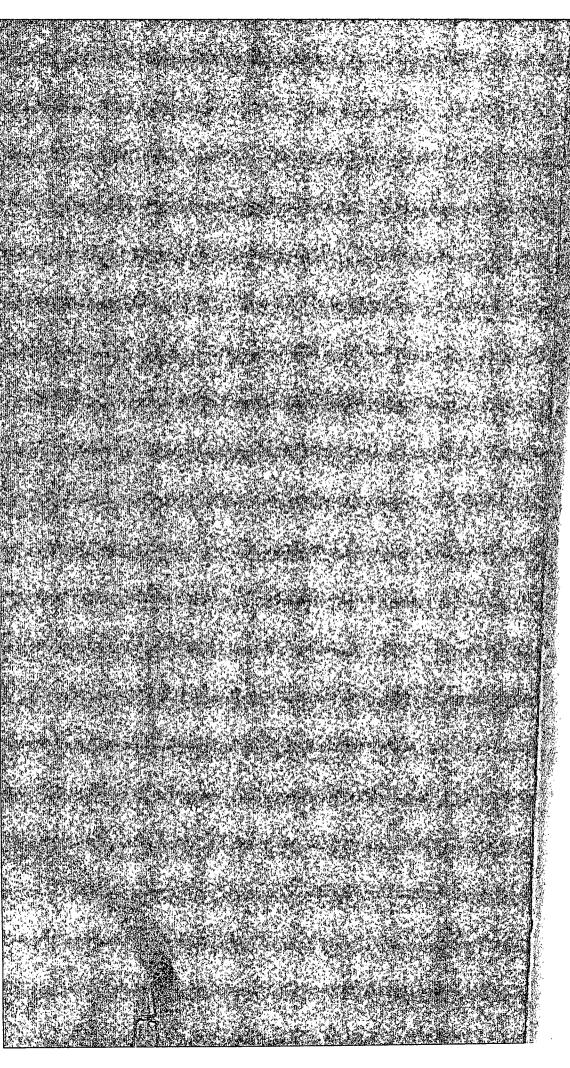
TNT BACKHOE SERVICE P.O. BOX 133 ARTESIA, NM 88210 505-365-7827 505-365-7634

505-746-0807 FAX

Pictures of Top soil "Blow Sand"

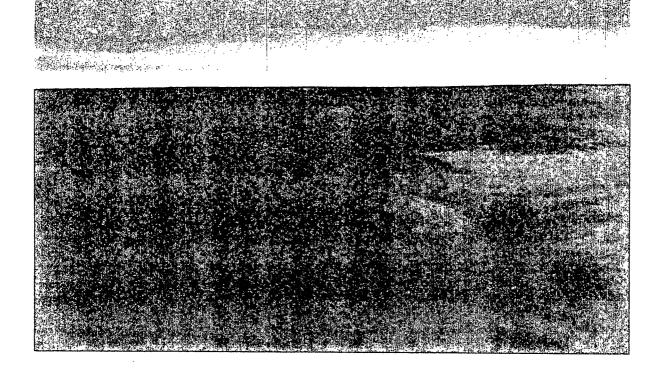




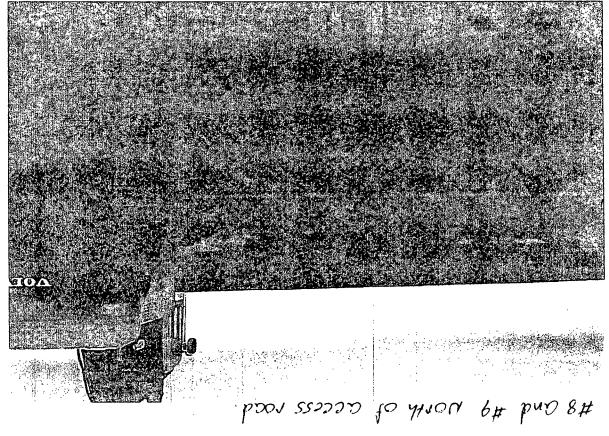


3 North

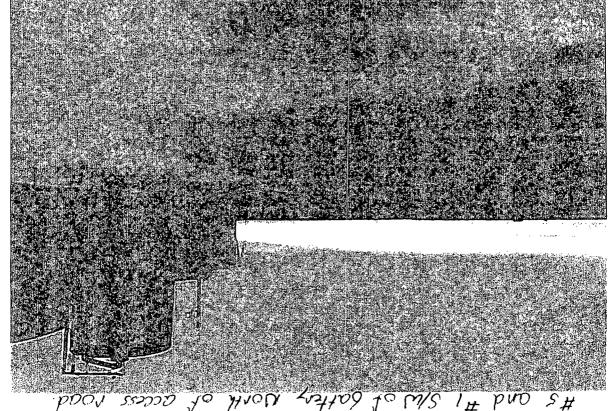
#8 and #9 North of access road.



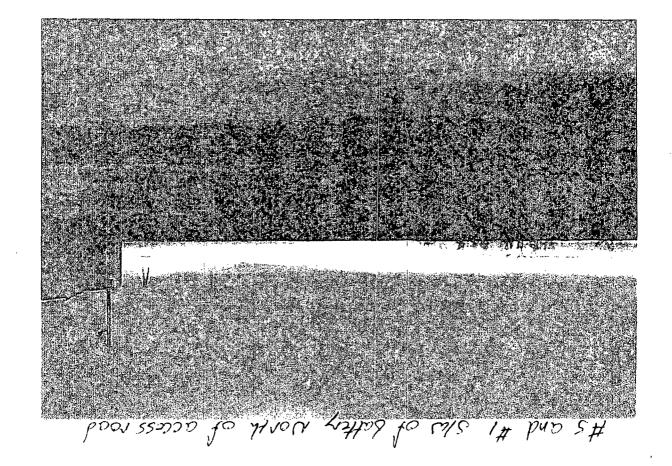
#8 and #9 North of access road.

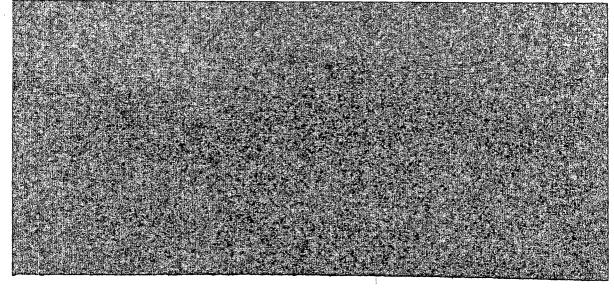


H2 H3 H4 North of Batkers



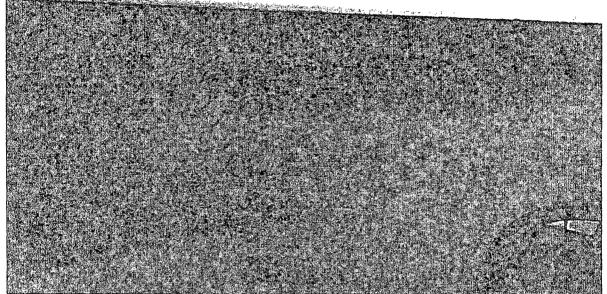
#5 and #1 5/W of batters North of access 10ad

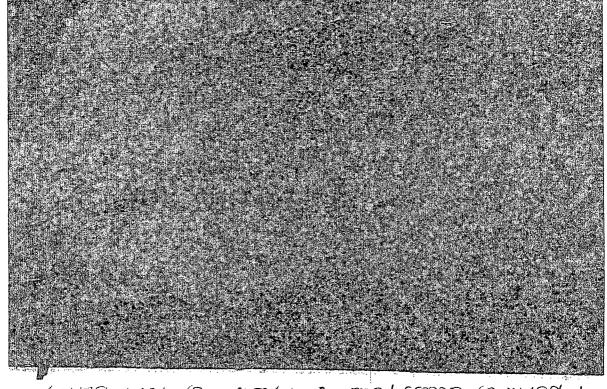




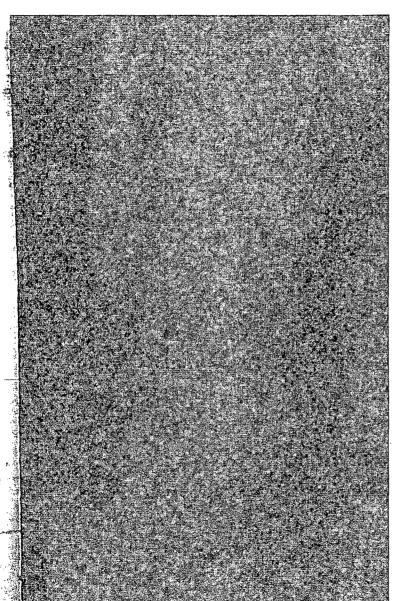
#15 North of access noad

#11 North of access road

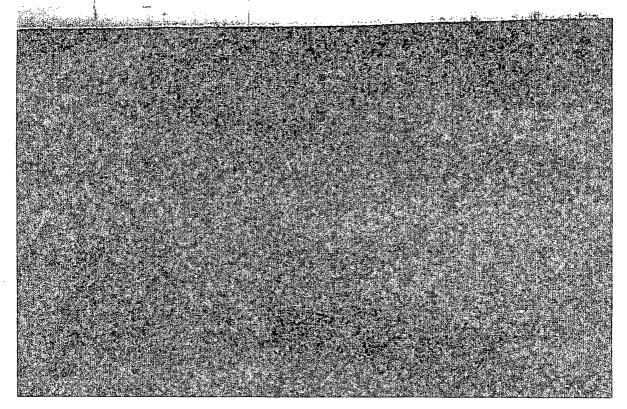




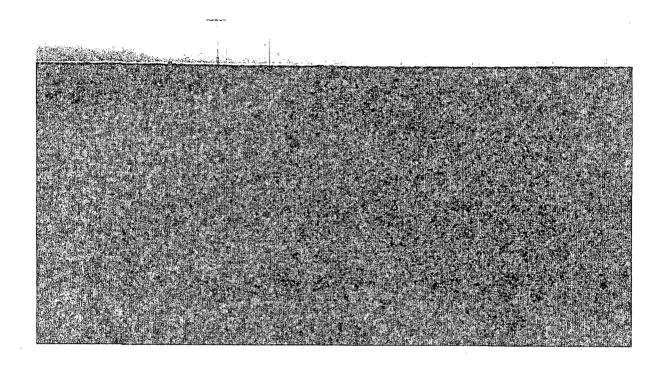
#1 NOrth of access road- Buthlwest of Tank Batters



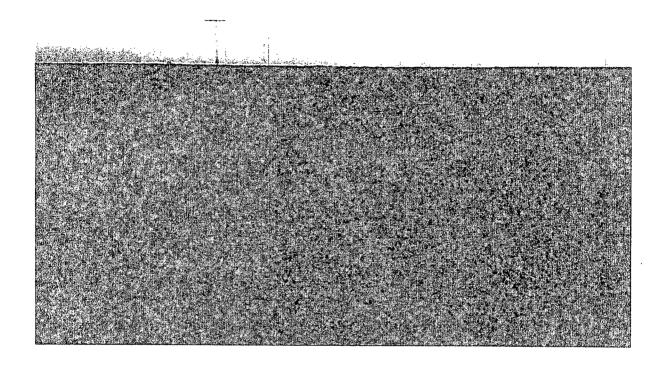
#5 North of access Road



North of access road



North of Access Road - backfill



North of access 20ad - Gockfill

