

Robin Terrell  
Mewbourne Oil Company  
PO Box 5270  
Hobbs, New Mexico 88241

015-35163

OK copy

August 22, 2007

Mike Bratcher  
NMOCD District 2 Office  
1301 W. Grand  
Artesia, New Mexico 88210

RE: Geronimo 23 Federal 002- Final Pit Closure

**Geronimo 23 Federal 002**

API: 30-015-35163

23-18S-31E

660' FSL & 2310' FWL

Depth to Ground Water: 300'

Planned Analytical Testing: Chlorides

Site Ranking Score: 0 (zero)

Primary Land Use: Ranching and Oil & Gas Production

Pursuant to Pit Rule 50 of the New Mexico Oil Conservation District of the State of New Mexico regulatory requirement for pit closure, please accept the following documentation for final closure of the drilling pit for the aforementioned location.

An Insitu burial trench was excavated and lined with 12mil HDPE liner on the north end of the reserve pit after analytical chloride tests were performed and showed the area to be within acceptable limits of chlorides. All drill cuttings were stiffened and transferred to the lined Insitu trench. Upon transferring all pit contents to the lined burial trench, field tests were performed on the soil directly beneath the lined drill pit area. The field results of chloride delineation of the impacted material are as follows:

Northwest	7' 2020mg/kg	Northeast	7' 2390mg/kg
	10' 1250mg/kg		10' 80mg/kg
	12' 375mg/kg		
Southwest	7' 2380mg/kg	Southeast	7' 1820mg/kg
	10' 80mg/kg		10' 80mg/kg

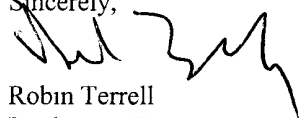
After field tests were performed, Mike Bratcher of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted

Soil samples were collected, prepared and packaged per EPA guidelines and forwarded to Trace Analysis in Lubbock, Texas for official analytical testing. Please find the official analytical results attached hereto.

Pursuant to NMOCD Pit Rule 50 a 20mil HDPE liner was placed on the top of the Insitu trench to seal in the impacted soils and the stiffened drill cuttings. The pit area was backfilled with clean native material, contoured to the surrounding terrain and reseeded with an approved native seed mixture.

Please review the attached documentation and contact me at 505-393-5905 with any questions or concerns.

Sincerely,

  
Robin Terrell  
Production Engineer

Accepted for record  
NMOCD

/sjt



Valley Energy Services, Inc.

PO Box 207  
Loving, NM 88256

# Invoice

Date	Invoice #
8/22/2007	588

Bill To
Mewbourne Oil Company Robin Terrell PO Box 5270 Hobbs, NM 88241

Terms	Rep
Due on receipt	SJT

Location
Geronimo 23 Federal 002

Quantity	Item Code	Description	Price Each	Amount
45	Enviro Sampling	Pulled field samples from open pit, performed field analyticals	65.00	292 50T
1	Enviro Consulting	report	65 00	65 00T
1	Enviro Sampling	Prepared and sent samples to Trace Analysis	65 00	65 00T
48	Mileage Charge		0 50	24 00T
		New Mexico Sales Tax	6.3125%	28 19
D322/NT				
			<b>Total</b>	\$474 69

Report Date: September 7, 2007

Work Order: 7090631  
Geronimo 23 Fed #002Page Number: 1 of 1  
Eddy County, NM

## Summary Report

Robin Terrall  
Mewbourne Oil Company  
P. O. Box 5270  
Hobbs, NM, 88220

Report Date: September 7, 2007

Work Order: 7090631

Project Location: Eddy County, NM  
Project Name: Geronimo 23 Fed #002

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
135449	NW-12'	soil	2007-08-22	12:00	2007-09-06
135450	NE-10'	soil	2007-08-22	12:30	2007-09-06
135451	SW-10'	soil	2007-08-22	13:00	2007-09-06
135452	SE-10'	soil	2007-08-22	13:30	2007-09-06

**Sample: 135449 - NW-12'**

Param	Flag	Result	Units	RL
Chloride		44.0	mg/Kg	5.00

**Sample: 135450 - NE-10'**

Param	Flag	Result	Units	RL
Chloride		22.0	mg/Kg	5.00

**Sample: 135451 - SW-10'**

Param	Flag	Result	Units	RL
Chloride		377	mg/Kg	5.00

**Sample: 135452 - SE-10'**

Param	Flag	Result	Units	RL
Chloride		36.4	mg/Kg	5.00

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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-144  
June 1, 2004  
For drilling and production facilities, submit to appropriate NMOC District Office.  
For downstream facilities, submit to Santa Fe office

### Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒ X

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒ X

III 31 2007

OGD-ARTESIA

Operator: <u>Newbourne Oil Co.</u> Telephone: <u>505-393-5915</u> e-mail address: _____				
Address: <u>701 S. Cecil Hobbs N.M. 88440</u>				
Facility or well name: <u>Meromito B3#2</u> API #: <u>30-015-35163</u> U/L or Qtr/Qtr <u>N</u> Sec <u>23</u> T <u>18S</u> R <u>31E</u>				
County: <u>Sandoval</u> Latitude <u>N32-43-38.9</u> Longitude <u>W103-50-26.6</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> X				
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>				
<table border="1"> <tr> <td> <b>Pit</b>  Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/>  Workover <input type="checkbox"/> Emergency <input type="checkbox"/>  Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>  Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12 mil</u> Clay <input type="checkbox"/>  Pit Volume <u>500</u> bbl </td> <td> <b>Below-grade tank</b>  Volume: _____ bbl Type of fluid: _____  Construction material: _____  Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____ </td> </tr> </table>			<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12 mil</u> Clay <input type="checkbox"/> Pit Volume <u>500</u> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____
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Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points)	<u>250'</u>		
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points)	<u>No</u>		
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points)	<u>200'</u>		
Ranking Score (Total Points)		<u>0</u>		

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

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Closure work plan for drilling pit. Category 2 location: The drilling pit contents will be excavated from the pit area.
If there is evidence of contamination, the soil will be tested by lab and if contamination is confirmed, further remediation will be conducted according to guidelines. A trench will be installed. The trench will be lined with a 20-mil impervious liner and the excavated material will be placed on top and encapsulated.
The excavated pit will be backfilled with clean soil and the pit area as well as the trench will be covered and contoured with three feet of soil or like material capable of supporting native plant growth to prevent erosion and ponding of rainwater.
A one call and a 48 hour notice will be provided to the Oil Conservation Division. Pit WAS CLOSED 8-25-07

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

Date: 7-30-07 Printed Name/Title: JEFF RAMES AGENT NEWBOURNE Signature: [Signature]

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

Notify OGD 24 hours prior to beginning pit closure

Signed By [Signature]

Date: JUL 31 2007

Samples are to be obtained from Pit area and analysis submitted to NMOC District prior to back-filling. NOTIFY NMOC District 24 HOURS PRIOR TO OBTAINING SAMPLES.

If burial trench is constructed in pit area - Sample analyses are to be submitted to NMOC District PRIOR to lining the trench.

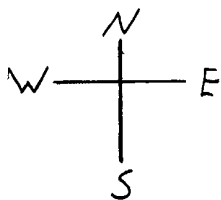
New bourn Geronimo 23 Feb com 2.

Friday 8-17-07

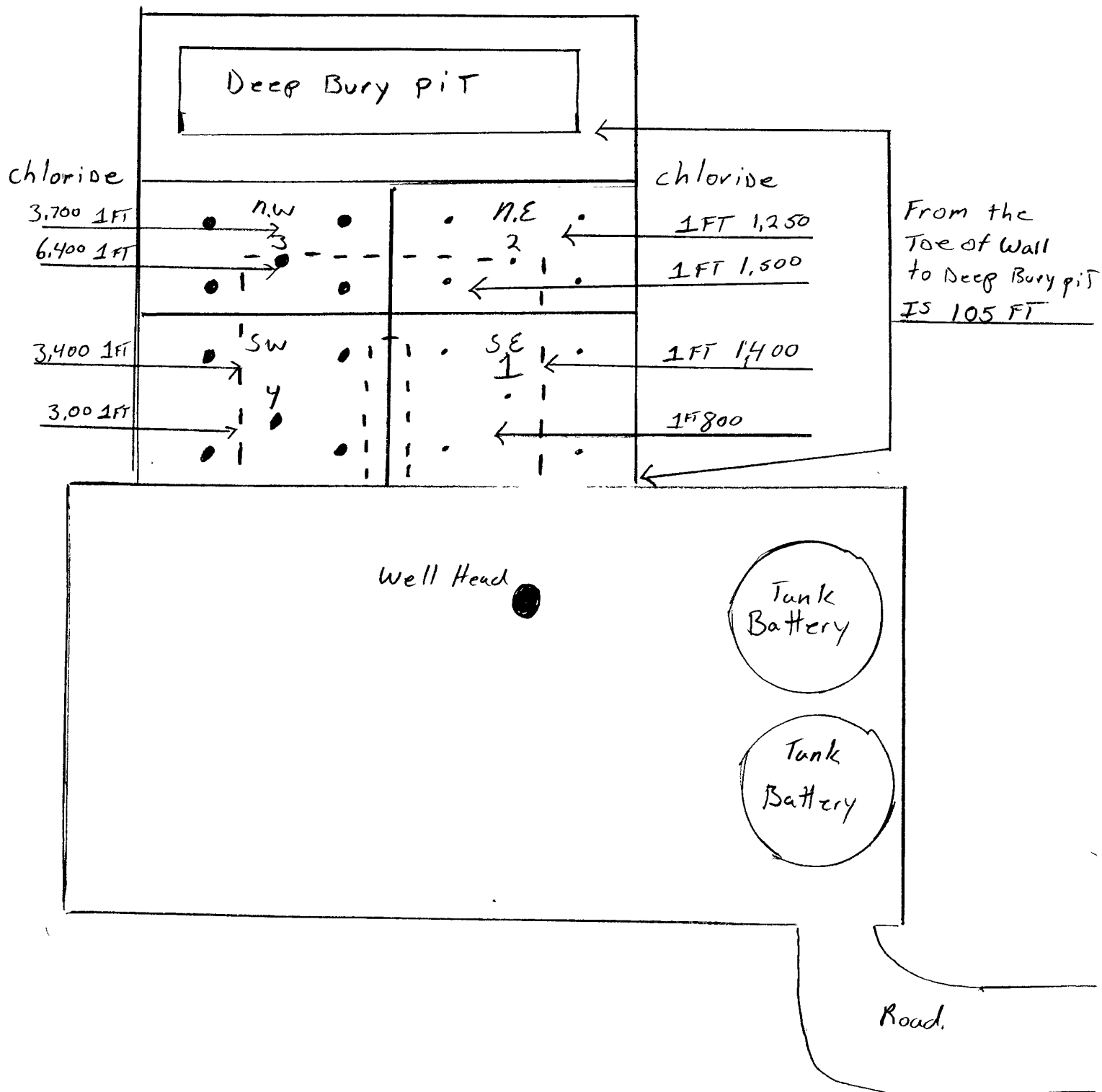
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Sample Where.

Taken By Jesse  
Jeff

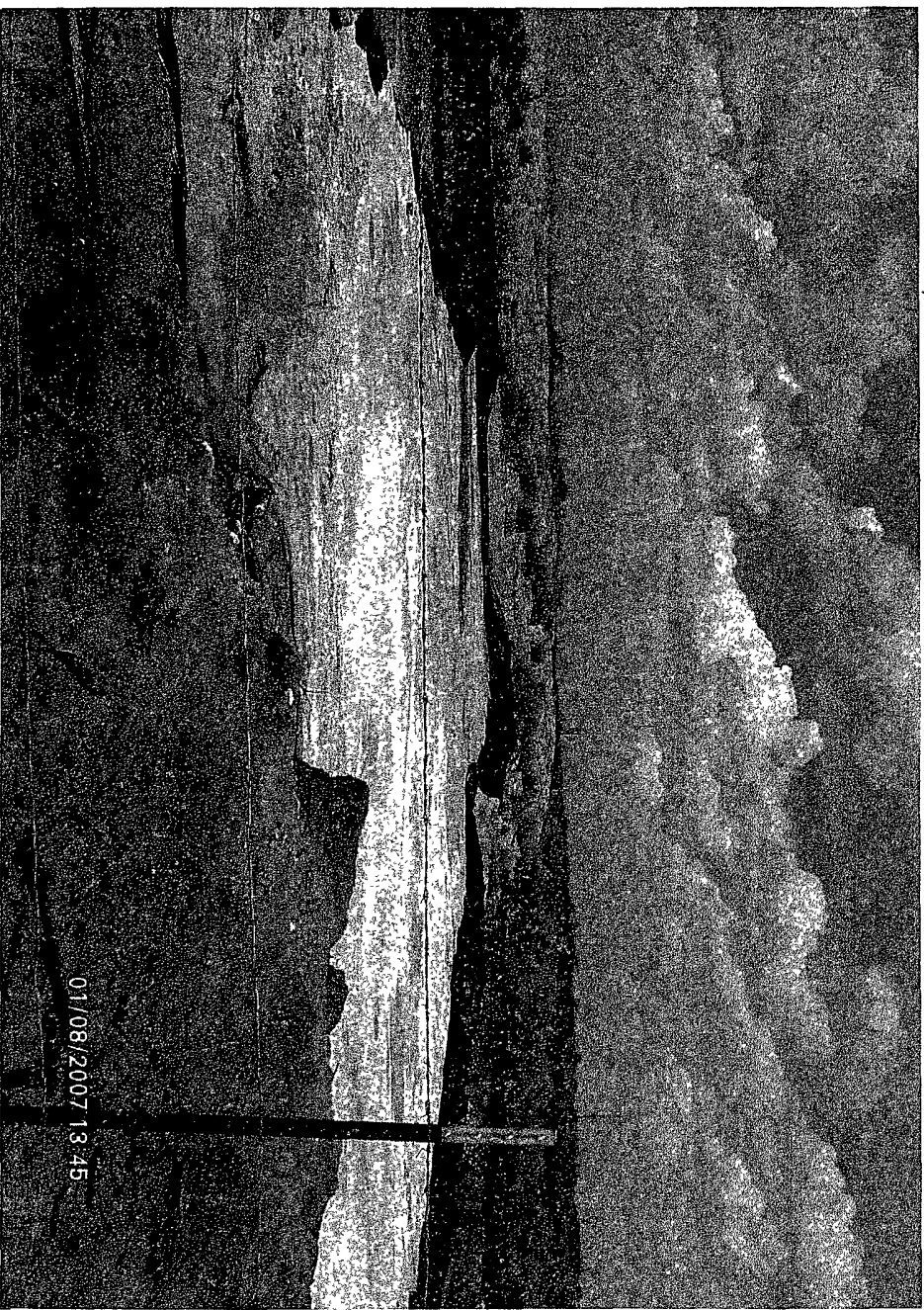


Sample Time 8:00 AM to 10:30 AM





01/08/2007 13:45



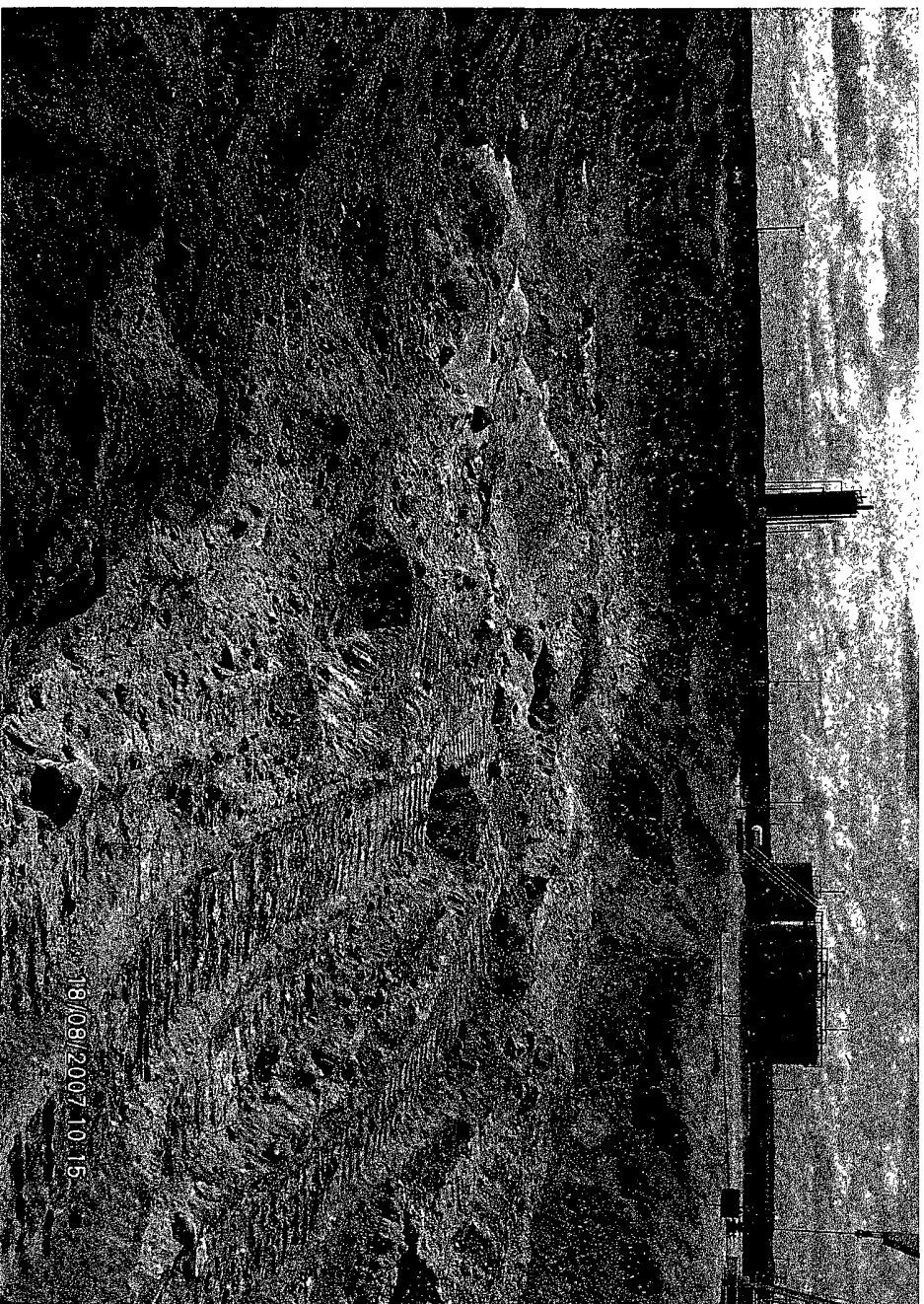
01/08/2007 13:45







18/08/2007 10:15



18/08/2007 10:15





