

FIELD PIT SITE ASSESSMENT FORM

ELPS
EL PASO FIELD SERVICES

GENERAL

Meter: 93694
93695 Location: TOMMY BOLACK #1 DK/6L

Operator #: 8367 Operator Name: SOUTHLAND ROYALTY P/L District: KUTZ

Coordinates: Letter: M Section 1 Township: 30 Range: 12

Or Latitude _____ Longitude _____

Pit Type: Dehydrator X Location Drip: _____ Line Drip: _____ Other: _____

Site Visit Date: 3-22-94 Run: 02 21

SITE ASSESSMENT

NMOCD Zone: Inside _____
 (From NMOCD Vulnerable _____
 Maps) Zone ☒
 Outside ☐

Land Type: BLM ☐
 State ☐
 Fee ☒

Deninger
 DEPUTY OIL & GAS INSPECTOR

SEP 11 0 1996

Depth to Groundwater

Less Than 50 Feet (20 points) ☐
 50 Ft to 99 Ft (10 points) ☐
 Greater Than 100 Ft (0 points) ☒

Wellhead Protection Area :

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ YES (20 points) ☒ NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☐
 200 Ft to 1000 Ft (10 points) ☐
 Greater Than 1000 Ft (0 points) ☒

Name of Surface Water Body _____

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

TOTAL HAZARD RANKING SCORE: 0 POINTS

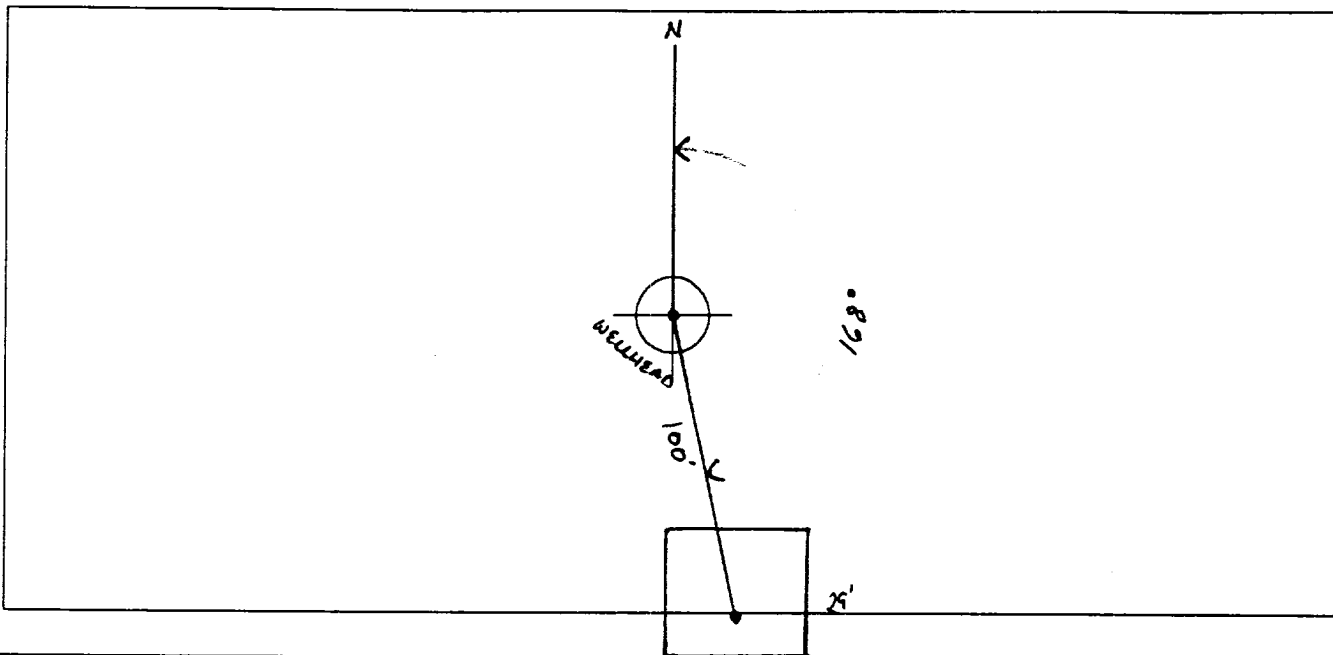
REMARKS

Remarks : 2 PITS ON LOCATION. WILL CLOSE ONLY ONE. DEHY
HAS NOT YET BEEN DISCONNECTED FROM PIT. DUAL LOCATION. BOTH
METERS SERVICE ONE PIT.

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North ^{168°}~~347°~~ Footage to Wellhead 100'
 b) Degrees from North ^{3.22.94}~~25~~ Footage to Dogleg _____
 Dogleg Name _____
 c) Length : 30' Width : 29' Depth : 5'



REMARKS

Remarks :

STARTED TAKING PICTURES AT 12:31 P.M.
END DUMP

Completed By:

Robert Thompson
 Signature

3.22.94
 Date

4.22.94
RT

FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>93694</u> <u>93695</u> Location: <u>TOMMY BOLACK #1 DK/6L</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: _____ Section: _____ Township: _____ Range: _____</p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: _____ Area: <u>02</u> Run: <u>21</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input type="checkbox"/> (2)</p> <p>Land Type: BLM <input type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Wellhead Protection Area : Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? <input type="checkbox"/> (1) YES (20 points) <input type="checkbox"/> (2) NO (0 points)</p> <p>Horizontal Distance to Surface Water Body</p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>BARTON ARROYO</u></p> <p>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>20</u> POINTS</p>
EMARKS	<p>Remarks : _____</p> <p>_____</p> <p>_____</p>

FIELD T REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>93694</u> Location: <u>TOMMY BOLACK #1 DK/GL</u></p> <p>Coordinates: Letter: <u>M</u> Section <u>1</u> Township: <u>30</u> Range: <u>12</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>5-3-94</u> Area: <u>02</u> Run: <u>71</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>945066</u> <u>KP #16</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>188</u> PID Reading Depth <u>12'</u> Feet</p> <p style="text-align: center;">Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) Approximate Depth _____ Feet</p>
CLOSURE	<p>Remediation Method :</p> <p>Excavation <input checked="" type="checkbox"/> (1) Approx. Cubic Yards <u>125</u></p> <p>Onsite Bioremediation <input type="checkbox"/> (2)</p> <p>Backfill Pit Without Excavation <input type="checkbox"/> (3)</p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (3) Tierra</p> <p>Other Facility <input type="checkbox"/> (2) Name: _____</p> <p>Pit Closure Date: <u>5-3-94</u> Pit Closed By: <u>B.E.I</u></p>
REMARKS	<p>Remarks : <u>LINE MARKERS ON LOCATION. REAL Big Pit, Dual Location</u></p> <p><u>Remediating Pit To 12' Pit Looks Dry. Had Smellier got some</u></p> <p><u>Grey Looking sand 12' Soil Still grey Looking sand on Bottom</u></p> <p><u>of Pit. PID 188.</u></p>
	<p>Signature of Specialist: <u>Kelly Padilla</u></p>



20

FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP 16	945066
MTR CODE : SITE NAME:	93694/93695	N/A
SAMPLE DATE : TIME (Hrs):	5/3/94	1715
SAMPLED BY:	N/A	
DATE OF TPH EXT. : ANAL.:	5/5/94	5/5/94
DATE OF BTEX EXT. : ANAL.:	5/9/94	5/14/94
TYPE : DESCRIPTION:	VC	Brown Sand & Clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	20.12	MG/KG	5			
TOLUENE	20.12	MG/KG	5			
ETHYL BENZENE	0.62	MG/KG	5			
TOTAL XYLENES	7.1	MG/KG	5			
TOTAL BTEX	8.0	MG/KG				
ETHYL BTEX	8.0	MG/KG				
HEADSPACE PID	188	PPM				
PERCENT SOLIDS	87.6	%				

- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 -

The Surrogate Recovery was at 123 % for this sample All QA/QC was acceptable.

Narrative:

ATJ Results attached. Surrogate recovery was outside ATJ QC limits due to matrix interference.

DF = Dilution Factor Used

Approved By:

Date:

7/14/94



Analytical **Technologies**, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. 405331

May 19, 1994

El Paso Natural Gas Company
770 W. Navajo
Farmington, NM 87401



Project Name/Number: PIT PROJECT 24324

Attention: John Lambdin

On **05/06/94**, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **aqueous** and **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

Upon arrival, it was noted that sample 945055 contained headspace. The client was notified and the sample was analyzed "as is."

The laboratory was instructed to correct the sampling data for sample 945075 to 05/04/94.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jd

Enclosure

GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)
CLIENT : EL PASO NATURAL GAS CO. ATI I.D.: 405331
PROJECT # : 24324
PROJECT NAME : PIT PROJECT

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
17	945065	NON-AQ	05/03/94	05/09/94	05/14/94	1
18	945066	NON-AQ	05/03/94	05/09/94	05/14/94	5
19	945068	NON-AQ	05/04/94	05/09/94	05/12/94	1
PARAMETER			UNITS	17	18	19
BENZENE			MG/KG	<0.025	<0.12	0.037
TOLUENE			MG/KG	0.081	<0.12	0.19
ETHYLBENZENE			MG/KG	<0.025	0.62	0.028
TOTAL XYLENES			MG/KG	0.33	7.1	0.64

SURROGATE:

BROMOFLUOROBENZENE (%) 135* 123* 110

*OUTSIDE ATI QUALITY CONTROL LIMITS DUE TO MATRIX INTERFERENCE