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# **REPORTS**

**DATE:**

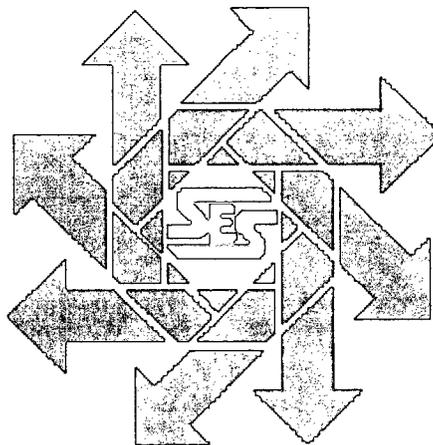
2001

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**Chevron USA**  
**Phase II Site Assessment**  
**Elbert Shipp NCT-A #1**  
**Section 21, Township 19S, Range 37E**  
**Lea County, New Mexico**

**March 1, 2001**



RECEIVED

MAR 22 2001

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION

**Prepared For:**

**Chevron USA**  
**P.O. Box 1949**  
**Eunice, New Mexico 88231**

**Prepared By:**

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***703 E. Clinton Suite 102***  
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**I. Background**

Safety & Environmental Solutions, Inc. (SESI) was engaged in March of 2001 to perform a Phase II site assessment of an old flare pit area on the lease known as Elbert Shipp NCT-A #1 which is located in Section 21, Township 19S, Range 37E in Lea County, New Mexico. (Appendix A – Vicinity Map). The scope of work for this assessment includes excavation with a backhoe for delineation of the suspected pit area to determine extent of possible contamination.

**II. Work Performed**

SESI began the excavating and sampling services for this project at 1:00 p.m. on March 1, 2001. E.L. Gonzales of the NMOCD (New Mexico Oil Conservation Division) was on site and the work performed was as per his instruction and approval.

The total pit area measured 20 foot on all four sides. Excavation was performed at three different points. (See Site Plan). The first point of excavation was at the center of the pit area. Three samples were taken at this point. The first sample obtained was from surface to 6" and a field test was run for TPH (Total Petroleum Hydrocarbons), which read 2500ppm. The second sample was taken at 3' and field tested for TPH, which read 1030ppm. The third sample was taken at 4' and field tested for TPH, which read 153ppm. This sample was also preserved in an appropriate container and transported under chain of custody to Cardinal Laboratories of Hobbs, New Mexico for third party confirmation.

The second point of excavation was 30' east of the center of pit. A sample was taken from surface to 6" and field tested for TPH, which read 250ppm. The second sample was taken at 18" and the field test read 85ppm.

The third and final point of excavation was 30' south-southeast from the center of the pit. Two samples were obtained at this point. The first was from surface to 6" and the field test read 282ppm. The second sample was taken from 1.5-2' and the field test read 53ppm.

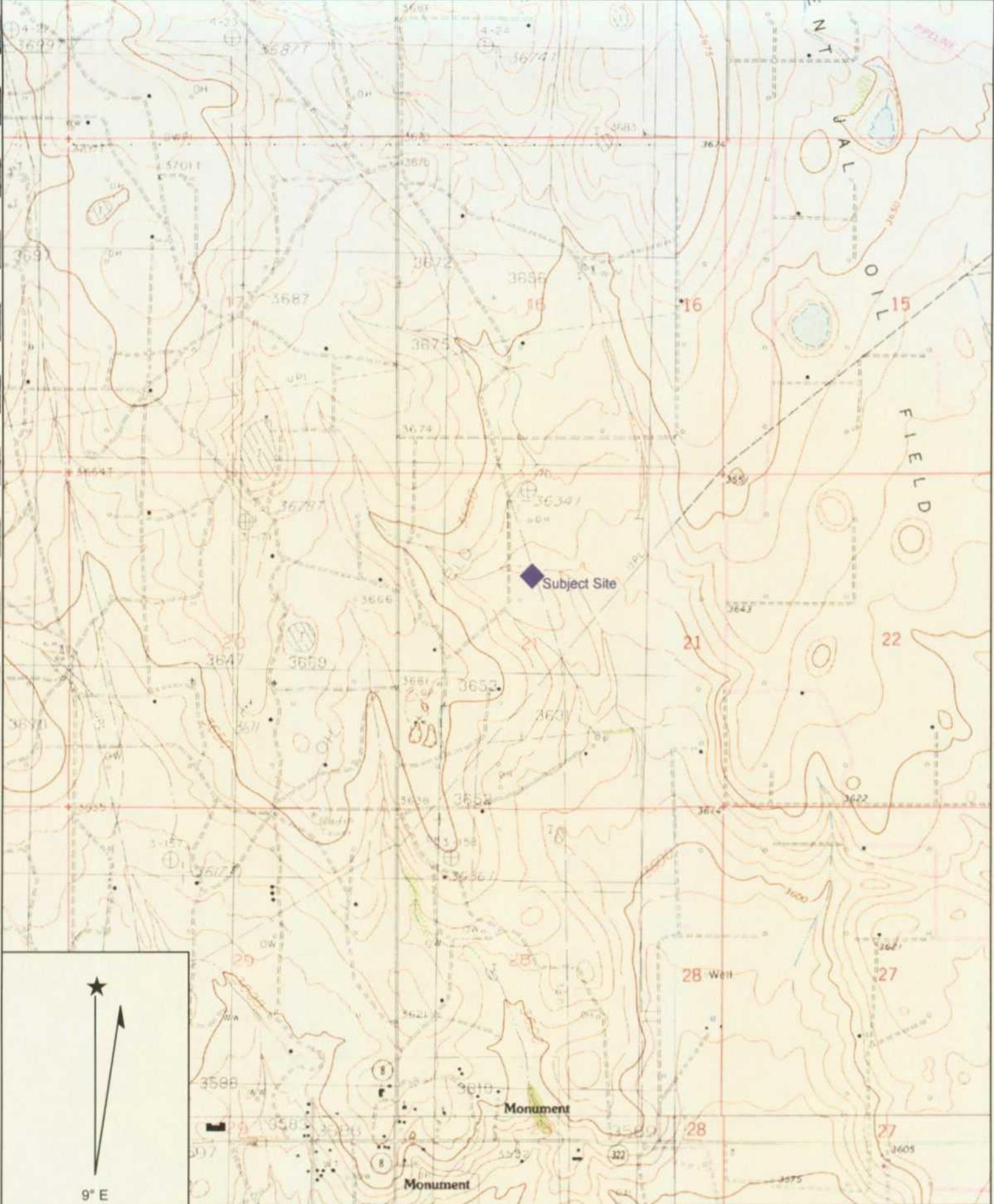
**Summary**

All field tests were performed using a Mega TPH Analyzer, serial #01196, which was calibrated on February 9, 2001. The results of the lab analysis as well as the field testing revealed no elevated TPH levels.

**IV. Appendices**

- A-Vicinity Map
- B-Site Plan
- C-Analytical Results

# Appendix A Vicinity Map

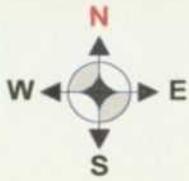


Name: MONUMENT NORTH  
 Date: 3/5/2001  
 Scale: 1 inch equals 2000 feet

Location: 032° 38' 50.2" N 103° 15' 33.4" W  
 Caption: Chevron USA  
 Elbert Shipp NCT-A #1  
 Vicinity Map

# Appendix B

## Site Plan



Old gas well

20'

Pit area

20'

Sample point #1

20'

Sample point #2

20'

Sample point #3

March 1, 2001

Not to scale

**Chevron USA**

**Site Plan**  
**Elbert Shipp NCT-A #1**  
**Unit F Section 21, T19S, R37E**

**Safety & Environmental**  
**Solutions, Inc.**



## Appendix C

# Analytical Results



