

**Oxy USA WTP LP
Roaring Springs 13 Federal #4
Work Plan
Section 13, Township 21S, Range 23E
Eddy County, New Mexico**

~~30-015-29350~~
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October 23, 2007

Prepared for:

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I. Company Contact(s)

NAME	Company	Telephone	E-mail
Rick Kerby	Oxy	505-887-8337	rick_kerby@oxy.com

II. Background

The subject site is a release, which occurred on July 4, 2007. This release was caused by a corroded flow line and a closed valve. Approximately 100 barrels of produced water was released, of which 20 barrels were recovered.

III. Driving Directions to Location

Leaving Carlsbad and US 285 North, turn west (left) onto NM 137. Proceed straight on NM 137 to Marathon Road (ECR 401), turn south (left) onto Marathon Road. Proceed straight on Marathon Road to Gray Oak Road (ECR 403), turn west (right) onto Gray Oak Road. Proceed straight on Gray Oak Road for approximately 1 mile to the pipeline road (lease road). Turn north (right) onto pipeline road, and proceed straight approximately 0.4 miles to location on right-of-way.

III. Surface and Ground Water

The closest groundwater of record was listed with the Office of the State Engineer. This well is located in Section 13, Township 21 South, Range 23 East. The depth of water is less than 50', giving this well a ranking of 20.

IV. Soils

The soils are sand at surface to 2', and between 2' to 3', a rock layer was encountered.

V. Delineation Plan

On August 24, 2007, Safety and Environmental Solutions, Inc. (SESI) was onsite to delineate two areas – the south leak site, which is approximately 150' x 35'; and an older leak site just north (which was present at the time Oxy acquired the location), which is approximately 300' x 60'. SESI used a hand auger to delineate both of the areas. Chloride field samples were elevated to the 3' depth. The results are listed in Appendix C – Chloride Samples.

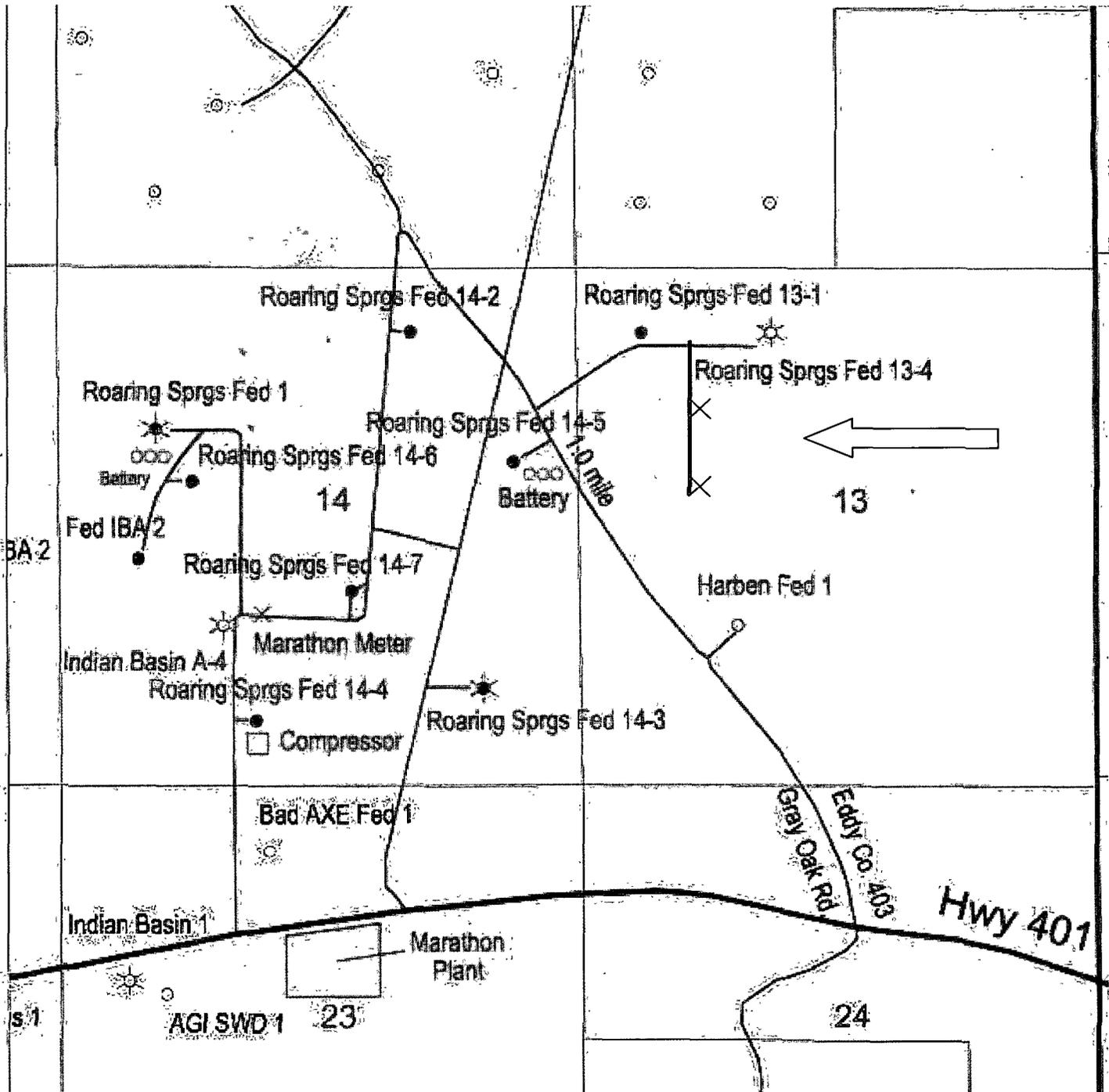
VI. Work Plan

Ground was disked to 6". Manure, oat hay, and uncontaminated dirt was mixed in. Ground was re-seeded with BLM #3 seed mixture and watered. Both sides will be monitored for growth during the next growing season to determine if further action is needed.

VII. Figures & Appendices

- Figure 1 – Vicinity Map
- Appendix A – C-141
- Appendix B – Site Photos
- Appendix C – Chloride Samples

Figure 1
Vicinity Map



Appendix B
Site Photos
Hard copy File

Appendix C
Soil Samples

Soil Samples

Sample Point	Chlorides
#1 Surface	5932
#1 1' bags	3876
#1 2' bags	6428
#1 3' bags	5468
Background #1 1' bags	<124
#2 Surface	1108
#2 1' bags	5932
#2 2' bags	5032
#3 Surface	6428
#3 1' bags	6428
#4 Surface	20,072
#4 1' bags	2620
#4 2' bags	2532
#5 Surface	>24,000
#5 1' bags	6516
#5 2' bags	6516
Background #2 1' bags	<124