

United States Environmental Protection Agency
Region VI
POLLUTION REPORT

Date: Tuesday, February 17, 2009

From: Mark Hayes

Subject: Final

(FPN E07656) Thor Max Operating, Inc. - Grey Hickey
Greenwood - Waskom, LA
Latitude: 32.5225870
Longitude: -94.0389170

POLREP No.:	5	Site #:	E07656
Reporting Period:		D.O. #:	
Start Date:	9/1/2007	Response Authority:	OPA
Mob Date:		Response Type:	
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Assessment
CERCLIS ID #:	N/A	Contract #	
RCRIS ID #:	N/A	Reimbursable Account #	
FPN#	E07656		

Site Description

Site Location

The Thor Max Operating, Inc.-Grey-Hickey abandoned oil production facility (EPA ID 09-E-1150) was referred to the United States Environmental Protection Agency (EPA) on September 1, 2007 by the State of Louisiana to be considered for Oil Pollution Act (OPA) response actions. This facility was located in the Longwood Oil and Gas Field (Field ID: 6220), approximately 6.4 miles northwest of Greenwood, in Section 030, Township 18 North, Range 16 West (Sec. 030, T18N, R16W) of Caddo Parish, Louisiana. The facility was accessed from the north via unnamed oil field roads that are off of Masters Road.

Site Description

The facility consisted of two above ground storage tanks (AST), one heater treater (HT), one secondary containment area (CONT), and ten production wells located at one potential spill source (Source 1).

The facility serviced ten production wells, identified as the Grey-Hickey Well No. 001, (SN 172651); Grey-Hickey Well No. 002, (SN 173137); Grey-Hickey Well No. 003, (SN 173206); Grey-Hickey Well No. 004, (SN 173207); Grey-Hickey Well No. 005, (SN 173318); Grey-Hickey Well No. 006, (SN 173319); Grey-Hickey Well No. 007, (SN 175392); Grey-Hickey Well No. 008, (SN 175393); Grey-Hickey Well No. 009, (SN 175394); and Grey-Hickey Well No. 010, (SN 175395). The Louisiana Department of Natural Resources (LDNR) records list all of these wells as orphaned.

Source 1 consisted of two bolted-steel tanks, identified as AST1 and AST2, and a welded-steel heater treater, identified as HT1, located in a roughly-rectangular 105-foot by 52-foot breached and eroded, earthen-bermed, secondary containment area identified as CONT1.

Based on gauging, thermal and acoustic differentials, and surface soil, core, and field observations, the following volumes of non-hazardous oilfield waste (NOW) were estimated to be present at Source 1 of the facility. AST1 and AST2 contained a total of 121.5 barrels (bbl) of oil and oil emulsion. HT1 was estimated to contain an additional 11.2 bbl of oil emulsion based on thermal imaging and acoustic differentials. The contents of these containers were documented as NOW. In addition, CONT 1 had 1.9 bbl of pooled oil and 38.4 cubic yards (yd3) of oil-saturated/heavily oil-stained soil.

Previous Actions

The EPA Region 6 Federal On-Scene Coordinator (FOSC) conducted a reconnaissance of the facility on October 26, 2007 to determine if this facility met the revised Region 6 substantial threat criteria. The FOSC determined from his reconnaissance that Source 1 of this facility met the criteria for proceeding with a Site Assessment (SA) (See. Minimum Threshold Checklist attached at the website for this facility).

Current Activities

On January 27, 2009 the removal contractor (RC) mobilized to the site and initiated removal operations.

The facility components were emptied of oil and oil emulsion contents, dismantled, cleaned, and recycled. Approximately 120 barrels of oil emulsion (storage tank sludge) were removed for disposal at U. S. Liquids in Elm Grove, Louisiana.

The remaining oil-impacted soils were blended with clean soil, 33% nitrogen fertilizer, and land farmed on site.

The RC demobilized from the facility on February 2, 2009.

Planned Removal Actions

Removal action is complete.

Next Steps

None

Key Issues

None

response.epa.gov/E07656