

AP - 30

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

2003-2001



State of New Mexico  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
Santa Fe, New Mexico 87505

STATE OF  
NEW MEXICO  
OIL  
CONSERVATION  
DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Personal	Time 1425 hrs	Date 8/11/03
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Originating Party

Other Parties

Bill Olson - Envir. Bureau

Jeff Kindley - Emerson  
(432) 570-8726

Subject

Shell - Barber Ranch Release Site  
- John Hamrick Site

Discussion

Told him OCO has received his email on the above sites.

They were assigned to Randy Bayliss. He is out of office until October.

Conclusions or Agreements

I will check on status at sites within next 2 weeks

Distribution

Signed

Bill Olson

# AMERADA HESS CORPORATION

SAMUEL W. SMALL, PE  
OFFICE 432/758-6741  
FAX 432/758-6768

P.O. BOX 840  
SEMINOLE, TEXAS 79360  
432/758-6700

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April 22, 2003

Randy Bayliss  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87504

RE: **ENV-STUDIES, SURVEYS & REPORTS**  
SITE ASSESSMENT  
MONUMENT FIELD  
W.P. BYRD BATTERY AP-30

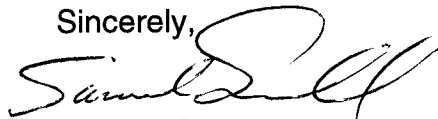
Dear Randy:

Enclosed is a copy of the project report regarding the drilling of a ninth monitor well as part of the referenced abatement plan. Drilling this well was part of the program we presented to you on March 19, 2002. The well was drilled to the SE of the main project site pursuant to your recommendation.

As noted in the report, no detectable hydrocarbon contamination was observed in the laboratory analyses of samples taken from the vadose zone penetrated by the well. Chloride concentration was slightly elevated in the vadose zone immediately above the groundwater. Analysis of the groundwater encountered in the well showed no detectable hydrocarbon contamination, however, the chloride concentration was elevated. Follow-up analyses of water samples collected from monitor wells #1, #2, #4, #6, and #8 are also included in the report; the results are consistent with previous analyses, see the attached table.

Due to some unexpected delays, a pump will not be run in monitor well number 3 until mid-May, 2003. Amerada Hess will advise you when the pump is run.

If you have any questions, please call or email the undersigned.

Sincerely,  
  
Samuel Small  
Environmental Coordinator

Xc: NMOCD – Hobbs District  
Houston Environmental File w/enclosure  
PB Environmental File w/o enclosure  
Monument Area File w/o enclosure

Well	Sample Date	Benzene	Toluene	Ethylbenzene	Xylene	Chloride
1	03/19/2001	< 0.002	< 0.005	< 0.005	< 0.005	16971
	07/07/2001	< 0.002	< 0.005	< 0.005	< 0.005	11517
	10/22/2002	< 0.001	< 0.001	< 0.001	< 0.001	6360
2	03/19/2001	0.097	< 0.005	< 0.005	< 0.005	19108
	07/07/2001	0.025	< 0.005	< 0.005	< 0.005	9513
	10/22/2002	0.019	< 0.005	< 0.005	< 0.005	6000
3	03/19/2001	0.054	< 0.005	< 0.005	< 0.005	14623
	07/07/2001	0.113	< 0.005	0.016	0.034	11865
4	03/19/2001	0.018	< 0.005	< 0.005	< 0.005	15209
	07/07/2001	0.038	< 0.005	< 0.005	< 0.005	11589
	10/22/2002	0.019	< 0.001	< 0.001	< 0.001	12400
5	07/07/2001	< 0.002	< 0.005	< 0.005	< 0.005	14334
6	07/07/2001	0.015	< 0.005	< 0.005	< 0.005	12015
	10/22/2002	0.011	< 0.001	< 0.001	< 0.001	11900
7	07/07/2001	< 0.002	< 0.005	< 0.005	< 0.005	16669
8	07/07/2001	< 0.002	< 0.005	< 0.005	< 0.005	7875
	10/22/2002	< 0.001	< 0.001	< 0.001	< 0.001	7110
9	10/22/2002	< 0.001	< 0.001	< 0.001	< 0.001	14400

# AMERADA HESS CORPORATION

SAMUEL W. SMALL, PE  
OFFICE 915/758-6741  
FAX 915/758-6768

P.O. BOX 840  
SEMINOLE, TEXAS 79360  
915/758-6700

**RECEIVED**

December 21, 2001

**DEC 27 2001**

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
7001 0360 0003 1887 7933**

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION

Mr. Roger Anderson  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**RE: Abatement Plan AP-30**  
Stage 1, Site Investigation  
W.P. Byrd Tank Battery  
Lea county, NM

Dear Mr. Anderson

Amerada Hess Corporation (AHC) plans to conduct a Stage 1 abatement plan investigation at the subject site. The investigation will include an evaluation of documented spill and release events, which may have occurred at the site. AHC and OCD files will be reviewed for the documentation. The vertical and horizontal extent of the contamination, as well as the geology and hydrology at the site, will be evaluated using monitor wells drilled, sampled and analyzed in accordance with State requirements as stipulated in NMOCD Rule 19, 20 NMAC 6.3107.B and with Section 1103 of 20 NMAC 6.1. Vadose zone samples will be collected from the monitor wells at five-foot intervals. The vadose samples will be field screened using an Organic Vapor Monitor (OVM) and samples containing the highest OVM readings along with the samples immediately above the groundwater contact will be submitted for laboratory analysis. All monitor well samples will be analyzed for BTEX and chloride concentrations. Analyses on selected monitor wells will include BTEX, PAH, metals and major cation and anion concentrations. All documented fresh water wells drilled within a one-mile radius of the site will be inventoried and sampled if practical.

Completion of the Stage 1 investigation is expected to occur during the first quarter of 2002, with monitor well sampling and evaluation on selected wells continuing on a quarterly basis for a minimum of one year.

As noted in your letter of October 29, 2001, some of the required work has already been completed. A final report will be submitted when the rest of the plan is complete.

If you have any questions, please contact the undersigned at 915-758-6741 or at the letterhead address.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Small". The signature is fluid and cursive, with the first name "Samuel" and last name "Small" clearly distinguishable.

Samuel Small, PE  
Environmental Coordinator

Xc: NMOCD District 1  
Houston Environmental Files  
Houston Legal Department  
PBBU environmental Files  
Monument Environmental Files