District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Form C-144

June 1, 2004

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes No Type of action: Registration of a pit or below-grade tank Closure of a pit or below-grade tank Operator: Amerada Hess Corporation Telephone: (432)758-6738 e-mail address: cmoore@hess..com Address: P. O. Box 840 Seminole, TX 79360 Facility or well name: B. M. Marcus #4 API #: 30-025-36784 U/L or Qtr/Qtr C Sec 20 T 20S R 38E Latitude N32⁰33'53.8" Longitude W103⁰10'22.3" NAD: 1927 | 1983 | County: ____Lea_ Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐ Below-grade tank <u>Pit</u> Volume: ____bbl Type of fluid: _____ Type: Drilling Production Disposal Construction material: ___ Double-walled, with leak detection? Yes If not, explain why not. Lined D Unlined Liner type: Synthetic ☑ Thickness 12_mil (reinforced) Clay ☐ Pit Volume 3300 bbl Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 100 feet or more (0 points) Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic <u>No</u> (0 points) water source, or less than 1000 feet from all other water sources.) Less than 200 feet (20 points) Distance to surface water: (horizontal distance to all wetlands, playas, 200 feet or more, but less than 1000 feet (10 points) irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points) Ranking Score (Total Points) If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite of offsite of facility Sundance Services, Inc. . . . (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No 🛛 Yes 🔲 If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations. Additional Comments: I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines \(\times \), a general permit \(\times \), or an (attached) alternative OCD-approved plan \(\times \). Date: 8/11/05 Printed Name/Title Jay S. Baker / Sr. Production Foreman Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations. Approval:
Printed Name/Title GARYWWINK/STAFFMBR Signature Lay W. Wink Date: 8/11/05

DRILLING PIT CLOSURE B.M. MARCUS #4

- Pit contents were dried through fluid hauling and evaporation.
- From 5/11 5/12/05, a total of 1,080 yards of drill cuttings and liner were excavated and trucked to a NMOCD approved site, Sundance Services, Inc. in Eunice, NM.
- Soil samples were taken including one from each corner of the pit and one from the center, for a total of five (noted on attached diagram). The center sample was analyzed for BTEX, TPH and chlorides. The four corner samples were analyzed for chlorides. The results are attached.
- Once levels were confirmed to be within NMOCD guidelines, the pit area was restored using clean material excavated during pit construction.
- Pit area was leveled, contoured and reseeded.



PHONE (505) 393-2326 · 101 E. MARLAND · HOBBS, NM 88240

ANALYTICAL RESULTS FOR AMERADA HESS CORP. ATTN: JAY BAKER P.O. DRAWER D MONUMENT, NM 88265 FAX TO: (505) 393-1927

& (505) 391-9895

Receiving Date: 08/04/05

Reporting Date: 08/05/05

Project Owner: AMERADA HESS Project Name: MARCUS #4

Project Location: SOUTH MONUMENT, NM

Analysis Date: 08/05/05

Sampling Date: 08/04/05

Sample Type: SOIL
Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: AH

CI

LAB NUMBER	LAB NUMBER SAMPLE ID			
H10041-1	NW	48		
H10041-2	NE	80		
H10041-3	SE	80		
H10041-4	SW	192		
H10041-5	С	64		
Quality Control		1000		
	·	1000		
True Value QC		1000		
True Value QC % Recovery Relative Percent D	7.1	~~~~		

METHOD: Standard Methods 4500-CIB

Note: Analyses performed on 1:4 w.v aqueous extracts.

Date



PHONE (325) 673-7001 . 2111 BEECHWOOD . ABILENE TX 79803

PHONE (605) 193-2328 - 101 E. MARLAND HOBBS NM 88240

ANALYTICAL RESULTS FOR AMERADA HESS ATTN: JAY BAKER 720 S. TEXACO ROAD HOBBS, NM 88240 FAX TO: 505-391-9895

Receiving Date: 8/4/2005

Project Owner: AMERADA HESS Project Number: NONE GIVEN

Project Name: MARCUS #4
Project Location: SOUTH MONUMENT

Sampling Date: 8/4/2005

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

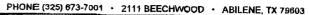
Analyzed By: JD

		TPH	TPH	TOTAL TPH
		Ce-C10	>C10-C28	Co-C26
LABID SAMPLEID		(mg/kg)	(mg/kg)	(mg/kg)
ANALYSIS DATE		8/5/05	8/5/05	8/5/08
H10041-5 C		<50.0	<50.0	<50.0
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Blenk		<5.0	⋖5.0	<5.0
Matrix Spike		178	205	383
Metrix Spike Duplicate		171	211	382
True Value		200	200	400
% Recovery (Ave)		87.3	104	95,6
Relative Percent Difference		4	2.8	0.3

METHOD: TEXAS METHOD 1005 GC-FID

Commission of Mario

8/8/03 Date





PHONE (505) 393-2328 - 101 E. MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR AMERADA HESS CORP. ATTN: JAY BAKER P.O. DRAWER D MONUMENT, NM 88265 FAX TO: (505) 393-1927 &

Receiving Date: 08/04/05

(505) 391-9895

Sampling Date: 08/04/05

Reporting Date: 08/08/05

Sample Type: SOIL

Project Owner: AMERADA HESS

Sample Condition: COOL & INTACT

Project Name: MARCUS: #4

Sample Received By: AH

Project Location: SOUTH MONUMENT, NM

Analyzed By: BC

LAB NUMBER SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE	08/04/05	08/04/05	08/04/05	08/04/05
H10041-5 C	<0.005	<0.005	<0.005	<0.015
Quality Control	0.096	0.091	0.098	0.306
True Value QC	0.100	0.100	0.100	0.300
% Recovery	95.6	90.8	97.8	102
Relative Percent Difference	<0.1	0.2	2.5	2.7

METHOD: EPA SW-846 8260

ARDINAL LABORATORIES, INC. 2111 Beechwood, Abilena TY 70203

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	(915) 673-7 4menda	001 Fax (91	5) 6	73-70	20	101 (505)	≣ as) 39	t M: 3-2:	arlar 326 i	id, Fæx	Hobbs, (505) :	NM 682 393-2476	240								F	age	of _		
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