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 Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-144 CLEZ
July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

## Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☐ Permit ☐ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144. Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Operator: \_\_Hess Corporation\_ Address: P.O. Box 840, Seminole, Texas 79360 Facility or well name: Mitchell 1830 Well No. 092F OCD Permit Number: API Number: \_\_30-021-20494\_ \_\_\_\_ U/L or Qtr/Qtr F Section 9 Township 18N Range 30E County: Harding Center of Proposed Design: Latitude N 35° 48' 23" \_\_\_\_\_ Longitude \_\_\_\_<u>W 103° 45′ 30″</u> NAD: ☐1927 🔀 1983 Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment Closed-loop System: Subsection H of 19.15.17.11 NMAC Operation: 🖂 Drilling a new well 🖾 Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) 🔲 P&A ☐ Above Ground Steel Tanks or ☐ Haul-off Bins Signs: Subsection C of 19.15.17.11 NMAC 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers ☑ Signed in compliance with 19.15.3.103 NMAC Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☑ Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC API Number: 30-021-20494 Previously Approved Design (attach copy of design) Previously Approved Operating and Maintenance Plan API Number: Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required. \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_ Disposal Facility Name: \_\_\_ Disposal Facility ONSITE: In place burial or deep-trench burial (Onsite deep burial) Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations? Yes (If yes, please provide the information below) No Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC **Operator Application Certification:** I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief. \_\_\_\_\_ Title: \_\_\_Engineering Technician 8-19-2009 Signature:\_ e-mail address: rsmith@hess.com \_\_\_\_\_Telephone: \_\_\_\_\_432-758-6726

OCD Approval: Permit Application (including closure plan) Clos		
OCD Representative Signature:	Approval Date: 9/24/09	
Title: DISTRICT SUPERVISOR	OCD Permit Number:	
8. Closure Report (required within 60 days of closure completion): Subset Instructions: Operators are required to obtain an approved closure plan p. The closure report is required to be submitted to the division within 60 day section of the form until an approved closure plan has been obtained and	rior to implementing any closure activities and submitting the closurs of the completion of the closure activities. Please do not complete	
9. Closure Report Regarding Waste Removal Closure For Closed-loop Systemstructions: Please indentify the facility or facilities for where the liquid two facilities were utilized.	s, drilling fluids and drill cuttings were disposed. Use attachment if	more than
Disposal Facility ONSITE: _deep-trench burial	Disposal Facility Permit Number:	
Disposal Facility Name:	Disposal Facility Permit Number:	
Were the closed-loop system operations and associated activities performed  ☐ Yes (If yes, please demonstrate compliance to the items below) ☐ 1		
Required for impacted areas which will not be used for future service and of Site Reclamation (Photo Documentation)  Soil Backfilling and Cover Installation  Re-vegetation Application Rates and Seeding Technique	perations:	
Operator Closure Certification:  I hereby certify that the information and attachments submitted with this clobelief. I also certify that the closure complies with all applicable closure recommendation.  Name (Print): Rita C Smith Title:	uirements and conditions specified in the approved closure plan.	e and
Signature:	Engineering Technician  Date:08/14/2009	
e-mail address: rsmith@hess.com	Telephone: (432) 758-6726 office (432) 209-1084 cell	

## PLAN

Closure Report for Hess Corporation onsite deep-trench burial

After deepening the Mitchell 1830 092F SWD well in June 2009, Hess added some additional cuttings to the drying pan on this well location. In preparation for closing this drying pan, Hess Corporation took a new composite 5 spot soil sample of the dried drilling cuttings in the drying pan on Mitchell 1830-092F. Samples were taken to Cardinal Labs, to perform the same soil analysis that they performed on the original soil sample that was taken in February, 2009, prior to deepening.

Ed Martin District IV Supervisor for the New Mexico Oil Conservation Division advised that if the soil sample test results were clear, he could administratively approve for Hess to bury these drying pan cuttings onsite vs. hauling them to the state approved landfill Gandy Marley Landfarm in Tatum, NM with Permit number 19.

The test results from Cardinal Labs on the second soil sample from the drying pan on Mitchell 1830-092F were emailed to Ed Martin. Ed Martin advised that the samples were sufficient and has given approval for Hess Corporation to bury these cuttings onsite.

Hess Corporation submitted a revised C-144 to Ed Martin District IV Supervisor with the NMOCD for closure regarding the onsite deep-trench burial method of reclamation for this pit.

Attached are the results of this second sampling taken on August 11, 2009. Also attached are the results of the first sampling taken in Feb-09 prior to deepening this well and adding additional cuttings to the drying pan

9/24/09

PER PHONE CALL FROM DANNY HOLCOMB, DEEP-TRENCH
BURIAL WILL BE USED AS CLOSURE FOR This PIT.

THIS METHOD IS APPROVED.

THIS C-144 CONSTITUTES A CLOSURE PLAN ONLY.

SEPARATE C-144 DOCUMENTING ACTIVITY AT THE

LOCATION WILL BE REQUIRED AFTER WORK IS

COMPLETED. This WORK IS TENTATIVELY SCHEDULED

TO BEGIN THE WEEK OF 8/31/09.

Il Martino 9/24/09

DISTRICT SUPERVISOR

## Second sampling Mitchell 1830-092F Date of service 08-11-2009



August 13, 2009

Danny Holcomb Hess Corporation 100 NW 7<sup>th</sup> Street Seminole, TX 79360

Re: SWD Well (1830-092F)

Enclosed are the results of analyses for sample number H17955, received by the laboratory on 08/07/09 at 4:18 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely.

Celey D. Keene Laboratory Director

This report conforms with NELAP requirements.



ANALYTICAL RESULTS FOR HESS CORP. ATTN: DANNY HOLCOMB 100 NW 7TH ST. SEMINOLE, TX 79360 FAX TO: (575) 673-6709

Receiving Date: 08/07/09

Reporting Date: 08/11/09

Project Owner: RICK GILLESPIE (1830-092F)

Project Name: SWD WELL

Project Location: WEST BRAVO DOME

LAB NUMBER SAMPLE ID

Sampling Date: 08/06/09

Sample Type: SOIL

Sample Condition: COOL & INTACT 5.5°C

Sample Received By: CK Analyzed By: AB/HM

GRO	DRO	
(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	Ci*
(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE		08/11/09	08/10/09
H17955-1 1830-092F (2)	<10.0	41.6	1.460
Quality Control	590	584	500
True Value QC	500	500	500
% Recovery	118	117	100
Relative Percent Difference	1.1	0.5	2.0

METHODS: TPH GRO & DRO: EPA SW-846-8015 M; CIT Std. Methods 4500-CITB \*Analysis performed on a 114 w;v aqueous extract. Reported on wet weight. Not accredited for GRO/DRO and Chloride.

Chemist

Date

H17955 TCL HESS

PLEASE NOTE: Liability and Damages. Cardinat's isolaty and clant's exclusive remety for any claim asising, whether based in contract or cert, shall be limited to the amount pole by client for analyses. All claims, including those for negigenor and any other cause whatevery shall be deemed valued unless made in writing and received by Cardinat within thirty (30) days alian completion of the applicable service. In no event their Cardinat be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutions of the contract of the performance of services hereasized to when any contract dam its based upon any of the above-stated reasons or off-service. Repute rolate only to the samples identified above. This report shall not be reproduced except in full with writern approval of Cardinat Laboratories.



ANALYTICAL RESULTS FOR HESS CORPORATION ATTN: DANNY HOLCOMB 100 NW 7TH STREET SEMINOLE, TX 79360 FAX TO: (575) 673-6709

Receiving Date: 08/07/09 Reporting Date: 08/13/09

Project Owner: RICK GILLESPIE (1830-092F)

Project Name: SWD WELL

Project Location: WEST BRAVO DOME

Sampling Date: 08/06/09 Sample Type: SOIL

Sample Condition: COOL & INTACT 5.5°C

Sample Received By: CK

Analyzed By: ZL

				ETHYL	TOTAL
LAB NO.	SAMPLE ID	BENZENE	TOLUENE	BENZENE	XYLENES
		(ma/kn)	(ma/ka)	(ma/ka)	(ma/ka)

ANALYSIS DATE:	08/11/09	08/11/09	08/11/09	08/11/09
H17955-1 1830-092F (2)	<0.025	<0.025	<0.025	<0.075
The second secon				
The state of the s				
Quality Control	0.048	0.050	0.051	0.154
True Value QC	0.050	0.050	0.050	0,150
% Recovery	96.0	100	102	103
Relative Percent Difference	<1.0	<1.0	2.1	1.4

METHODS: BTEX - EPA SW-846-8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,

AND TOTAL XYLENES. Reported on wet weight.

Chemist

Date

PLEASE (STE) Liability and Dangares. Cardina's liability and client's exclusive remedy for any claim untiling, whether based in contract or text, shell be limited to the amount paid by client for stateyees. All claim-billed DSO-billed Cardinate many counts whatever shell be devened walved unloss made in writing end received by Cardinat within text; (30) days latter completion of the applicable service. In 1 oversit brail Cardinate te liability in incidental or consequential consequents, including, without final states in incidental or consequential consequents, including, without final states in the performance of services hereinner by Cardinat, regardless of arbeines but client in taxed upon any of the above stated measures or otherwise. Presults retained to the examples demanded above. This report shall not be expended expended the expension of the expension of expensions. Presults report and the expension of expensions are the expension of expensions.

## ARDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	(303) 333-2320 170								.34	(- 1a <sub>j</sub> -	- 4	7//	L TO						ANA	LYSIS	DE	OHE	C.T.			
Project Manage	Hess Col	<i>r</i> .							_	). #:	- 4	** *	·		1			1	MPER	1 313	, nE	202	<u> </u>			
(was	" Danny Hall	~mb													1.											
Address: / CO	JW 1 . 31	77		~~	0~	, m, m,				mpa	my:			COCCOSIONAL SECTION AND A	X											
City: 2 Com	inde	State:( ^	Zip		73	6 -			Att		<b></b>		· · · · · · · · · · · · · · · · · · ·		N											1
Phone #: 5 75	-673-6700	Fax #: 5 7.5-	0	13	3- B	7	לס			qtes	8;				6			l						- [		
Project #: /8	30-092F	Project Owner:	K		6	11e	201	Z	Cit	y;					14			1						- 1		
Project Name:	swn well	(					1		Sta				Zip:		414											
Project Location	n: West Bro	Ja Dome	*						Ph	one	#:			i	1 7		Ì							1		į
	Donny Holes				•••••		,		Fax	< #:					$\mathbf{r}$	14	l									ĺ
F0R1A3 9% 0MT						MA	TRU	×		PRE	SEF	٧V	SAMPL	ING	5 Yr	10			1							
Lab I.D.  H1 76155-  L  G, b	Sample I. /830 - 092ド		ANODIA SERVICIONA		RILLENGUES	X SCH.	3K	35(T)35	OTHER:	ACID/B4SE:	X ICE / COOL	OTHER	DATE PARENT	TIME	A YOH IS	7 Ch(0)										
	и Васпарав Синскова выходь выстра																L	<u></u>	1							·
services, in na event when the	rg froce for iteg igentializati ancienci s actioni de nebre for i stics mai or accien	powerful demogres including i	with ex	il krojeje	564.24	proper -	ner a	66X16, X	N5 ()	~»· •	2008					fe.										
Relinquished By		Date:			ed E		CACA!	2922 ×	. Sate:	31600	b behvio	154	dhow ships o	Phone Re		() Ye	sC	Nα	Add'l	Phone	ä:					
10000	EB afterna	Times 2												FAX Resul					Addʻl					,		
			-80	2007			į				<u></u> .				o; Kie e	. 1	100		Thu		dar	1 8	Ú3.	109	3	
Relinquished By	¥-	Qintel 1 (1)	1		ed E	.y.	r Zi			1	7				N.C.	.47	SI,CP	)				~ ~			•	
Delivered By:	(Circle One)		٠./.	لأر		(			1	Ų	) Tue	CK	ao ay:													
	,			ne j		22			755			nitij														
Sampler - UPS	- Bus - Other:		· ``\		_	Ye.	<u>. H</u>	No.	1	1	^,/	11	<u> </u>	<u> </u>												
										~~~	w															

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# First sampling Mitchell 1830-092F Date of service 02-25-2009

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

ampler - UPS - Bus - Other:

- Cardinal cannot accept verbal changes. Please tax written changes to 505-333-2476

Common Magne.			ARDINAL LABORAT	Ô	
		•	>	-	
	_		2	- 1	
	×	5	Ö	1	
٠,	3	_	₹		
	(L)	A)	€	ì	
1	ន	5	2	- 1	
	بن	5	-		
1	×	=	E	1	
1	(505) 393-2326 FAX (505	101 East Startand, Hobbs	2		
	3	ğ.	×		
	×	I	ã		
	Ú,	မ္	Q		
1	8	ģ		-	

TORIES bs, NM 88240 bs) 393-2476

Company Name: //ess	, 1,000 cm	Of The		ANALYSIS REQUEST
Project Manager: Banny Hole onlo	p.0.#	1 1		
· 🔾 :	Com	сопрапу:		
City: Search State: 7x	Sum: Tr Zip: 79360 Attn:	The state of the s	_	
-6730	673-6709 Address	054;	<u> </u>	
Project 8: W BD Project Owner:	City:	Andreas (Angresia) and a second design of the secon	37	
0	State:	: Z)p:	, /.	
Project Location: RED	Phone fi	₩ A:	17.	
Sampler Name: Downy Hole and	Fax #	#.	- CE	
FOR LAB CREDNOT	MATRUX	PRESERV SAMPLING	2.5 de	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE:	ICE / COOL OTHER:  DATE	TPH 100 Chloria	
H16990-1 830-092F	ン ト	× 2-780-54	X	
	4		å	
RESSERCE, Libbis of Origins Conjunt with and such section origin by a distribute when you distributed or the conjunt of the product of the conjunt of the co	tiski staniy white istoš in corpusi oʻlori ta sood vejkud oʻsti irada (i veting tra tuckud trissi Indistri, tikenose haprastivin, Leksi va	ni be inded to be strout in the by the fresh to by Couldn't whn to days who completened i a, extent of public ventured by diard, he edicid	evening calife and all calife	
Reinquisted by: 2-25-08 2:150	Dans: -08 Received By: Phone Res.  2-20-08 Received By: Fax Result: Fax Result	Phone Result: Fax Result: REMARKS:	S: O Yes O No	Add Phone 6 Add Fax 8:
Relinquished By: Date:	Raceived By:			
		-		



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR HESS CORPORATION ATTN: DANNY HOLCOMB 100 NW 7TH STREET SEMINOLE, TX 79360 FAX TO: (575) 673-6709

Receiving Date: 02/20/09 Reporting Date: 02/25/09 Project Number: NBD Project Name: NBD Project Location: NBD Sampling Date: 02/18/09 Sample Type: SÖIL Sample Condition: COOL & INTACT Sample Received By: AB Analyzed By: ZL/TR

ETHYL TOTAL

LAB NO. SAMPLE ID

CI BENZENE TOLUENE BENZENE XYLENES (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	02/23/09	02/24/09	02/24/09	02/24/09	02/24/09
H18940-1 1830-092F	256	<0.025	<0.025	0.036	0.211
- 17 mmm 40 5 5 7 4 10 mmm					······································
A 1					
3					
Quality Control	500	0.058	0:058	0.057	0.173
True Value QC	500	0.050	0.050	0.050	0.150
% Recovery	100	116	116	114	115
Relative Percent Difference	<0.1	<1.0	3.4	2.5	2.9

METHODS: CI - Std. Methods 4500-CIB; BTEX - EPA SW-846-80218
\*Analysis performed on a 1:4 aqueous extract.

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Date

PLEASE NOTE: Liability and Damages. Cardinate liability and client's scriptory remain we are not careful, whicher based in contract actions, and the limited to the absolute part of managements and the limited by the property of the participation of the particip



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR HESS CORPORATION ATTN: DANNY HOLCOMB 100 NW 7TH STREET SEMINOLE, TX 79360 FAX TO: (575) 873-6709

Receiving Date: 02/20/09 Reporting Date: 02/24/09 Project Number: NBD

Project Name: NBD Project Location: NBD Sampling Date: 02/18/09 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AB

Analyzed By: AB

DRO TOTAL

DRO EXTENDED GRO TPH  $(C_{8^{+}}C_{12}) = (>C_{12^{+}}C_{28}) = (>C_{28^{+}}C_{35})$ (C<sub>6</sub>-C<sub>35</sub>)

LAB NUMI SAMPLE ID

(mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE	02/23/09	02/23/09	02/23/09	02/23/09
H16940-1 1830-092F	<25.0	64.9	<25.0	64.9
V 11 - 1/10 - 10 - 10 - 10 - 10 - 10 - 10				
A second residence of the seco				
Blank	<25.0	<25.0	<25.0	<25.0
Blank Spike	162	182	-	344
Blank Spike Duplicate	188	212	-	400
True Value	200	200	-	400
% Recovery (Ave.)	87.5	98.5		93.0
Relative Percent Deviation	14.9	15.2	-	15.1

METHOD: TX 1005

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR TOTAL TPH.

PLEASE NOTE, Liability and Damages. Cardinate liability and client's exclusive remody for any claim ensuing, whether it is sufficiently a subject to the subject of the sub