GW - 115

WORK PLANS 1991-1998

2010/02/02/02/02/02	
SI	PILL PREVENTION CONTROL & COUNTERMEASURE PLAN Completed by: PART 1 GENERAL INFORMATION
	City ARTESIA State NMZip 88210
1.	Type of Facility: ONSHORE PETROLEUM INDUSTRY SERVICE LOCATION
Ζ.	HALLIBURTON Energy Service RECEIVED P.O. Drawer 1431 Duncan, OK 73536-0105 JAN 2 2 1998
З.	Designated person accountable for oil spill prevention at facility:
4.	Facility experienced a reportable oil spill event during the twelve months-prior to January 10, 1974 (effective date of 40 CFR, Part 112). If yes, complete Attachment No. 1.
	MANAGEMENT APPROVAL
	The SECC Plan will be implemented as herein described. Signature: The fusion le
	Name:STEVE LUSCOMBE
	Title:FACILITY COORDINATOR
l har-	CERTIFICATION
Part 1	112, attest that this SPCC Plan has been prepared in accordance with good engineering
practi	ices.
practi	M. HUNTRO WATCHE TO
practi	M. HUNTER WATEINS JR. Frinted Typed Name of Registered Professional Engineer M. Hutz Walking Jr.
practi	M. HUNTER WATEINS JR. Frinted/Typed Name of Registered Professional Engineer M. HUNTER Walking Jr. Signature of Registered Professional Engineer

Emergency Notification Phone List Whom to Notify								
SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN (SPCC)								
Facility Name HALLIBURTON ENERGY SERVICES								
Address 2311 SOUTH FIRST								
City ARTESIA	ST: NM		Zip:88210					
Reporter's Name	Date							
Date of Last Update: 07-06-97	Date/Ti	<u>me o</u>	f Each NRC Notification					
Organization			Phone Number					
National Response Center (NRC)			1(800) 424-8802					
Qualified Individual		STE	EVE LUSCOMBE 392-0701					
Company Response Team		Daytime: 392-0701 Evening: 396-6197						
On-Scene Coordinator (OSC) and/or Regional Response Center (RRC)		Daytime: 392-0701 STEVE LUSCOMBE Evening: 396-6197 Pager : 391-2107						
Local Response Team (Fire Department/Cooperatives)		911						
Fire Marshall		Daytime: 746-2702 Evening: 911						
State Emergency Response Commission (S	SERC)	505-827-9226						
State Police		746-2704 OR 911						
Local Emergency Planning Committee (LEF	PC)	746	-2701					
Local Water Supply System			ime:746-2122 hing: 746-2703					
Weather Report:		CAL	L RADIO STATION BELOW					
Local Television/RadioStation for Evacuation	on	RAE	DIO KSUP 746-2751					
Hospitals		748	-3333					
Local POTW (Sewage Treatment Plant)		746	-9651					

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SPCC PLAN, PART I, GENERAL INFORMATION (Continued)

5. Potential Spills -- Prediction & Control

Potential Spills Prediction and Control (tank and container inventory)											
	Major Type Total Quantity Rate Direction Secondary										
Source	of Failure	(bbls)	(bbls/hr)	of Flow*	Containment						
1-NEW OIL	LOADING AND UNLOADING	6.54	DEPENDS ON TYPE OF LEAK	INTO SECONDARY CONTAINMENT	METAL CONTAINMENT						
1-USED OIL	LOADING AND UNLOADING	2.7	DEPENDS ON TYPE OF LEAK	INTO SECONDARY CONTAINMENT	METAL CONTAINMENT						
1-USED OIL	LOADING AND UNLOADING	11.9	DEPENDS ON TYPE OF LEAK	INTO SECONDARY CONTAINMENT	METAL CONTAINMENT						
1-ROCK DRILL OIL	LOADING AND UNLOADING	6.5	DEPENDS ON TYPE OF LEAK	INTO SECONDARY CONTAINMENT	METAL CONTAINMENT						
1-ANTIFREEZE	LOADING AND UNLOADING	5.2	DEPENDS ON TYPE OF LEAK	INTO SECONDARY CONTAINMENT	METAL - CONTAINMENT						
1-GASOLINE	LOADING AND UNLOADING	7.6	DEPENDS ON TYPE OF LEAK	INTO SECONDARY CONTAINMENT	METAL CONTAINMENT						
*4-MISC. OIL	LOADING AND UNLOADING	1.3	DEPENDS ON TYPE OF LEAK	INTO SECONDARX CONTAINMENT	METAL CONTAINMENT						
		-									

Discussion:

* SEE SITE MAP.

The loading and unloading of these tanks might be expedited to cause only small spills. Loading and unloading operations are closely monitored by supervisory personnel and are in secondary containment areas. In the advent of a spill, we maintain a Spill Response Kit on site to clean up and properly dispose of the contaminated material.

*Attach map if appropriate

SPCC	PLAN	N, PART I, GENERA NFORMATION (Continued)		- P	'age 3
6.	Cont equip prac	ainment or diversionary structures or oment to prevent oil from reaching navigable waters sticable. If NO, complete Attachment No. 2.	Yes <u>X</u> s are	_ No	_ N/A
7.	Inspe	ections and Records			•
	A.	The required inspections follow written procedures.	Yes <u>X</u>	_ No	N/A

Β. The written procedures and a record of inspections, signed by the appropriate supervisor or inspector, are attached.

Discussion: THE INSPECTION RECORDS ARE KEPT IN THE ENVIRONMENTAL FILES.

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Yes ____ No _X_ N/A ____

SPC	C PLAI	N, PAR	T I, GENERAL (FORMATION (Continued)	Page 4 of 4
8.	Pers	onnel 1	Fraining and Spill Prevention Procedures	
	A.	Perso	onnel are properly instructed in the following	-
		(1)	Operation and Maintenance of equipment to prevent oil discharges.	Yes X No N/A
		(2)	Applicable pollution control laws, rules, and regulations.	Yes X No N/A
			Describe procedures employed for instruction:	-
SUC KNO WM THE	H CLA W," N PPP. DIVISI	SSES / ISDS R OTHEF	AS: HAZARD COMMUNICATION STANDARD "CO RECEIPT DOCUMENTS, PPE, FIRE PREVENTION. RENVIRONMENTAL CLASSES ARE OFFERED BY VEL FOR ALL PERSONNEL.	OMMUNITY RIGHT TO EMERGENCY ACTION PLAN, OUR HSE DEPARTMENT AT
·				
			N	
	В.	Sche perso assu	duled prevention briefings for the operating onnel are conducted frequently enough to re adequate understanding of the SPCC Plan.	Yes X No N/A
		Desc	ribe briefing program:	
	PERSC ERED	NNEL	ARE BRIEFED AT LEAST ANNUALLY AND SOME I MONTHLY SAFETY MEETINGS.	PARTS OF SPCC ARE
				······································

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Sheet1

PART II, ALTERNATE A DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION)

2. Describe secondary containment design, construction materials, and volume:

<u> </u>	 			-					· · · ·	<u> </u>	· · · · ·	t
	SITE MAP #36	SITE MAP #8	STIE MAT #5	SITE MAP #4	SITE MAP #3	SITE MAP #2.2	SITE MAP #2.1	SITE MAP #2	SITE MAP #1.2	SITE MAP #1.1	SITE MAP #1	LOCATION
	CLEANER	UNLEADED FUEL	CHEMICAL	NEW OIL	NEW OILS	USED ANTIFREEZE	USED OIL	USED OIL	NEW OIL	NEW OIL	NEW ANTIFREEZE	MATERIAL
	7x5x1	8.2x4x3	20x5x.5	8.6x2x.5	5x5.3x2	8.3x2.3x1	4.1x2.3x2.1	7x3.2x2.7	5x2x2	5.5x5x2	10x3x2	DIMENSIONS
	PLASTIC	METAL	METAL CONCRETE	METAL	METAL	METAL	METAL	METAL	METAL	METAL	METAL	DESIGN
	261 GALLONS	736 GALLONS	374 GALLONS	64 GALLONS	396 GALLONS	142 GALLONS	148 GALLONS	452 GALLONS	150 GALLONS	411 GALLONS	449 GALLONS	CAPACITY

NAME OF FACILITY: HALLIBURTON ENERGY SERVICES - ARTESIA, NEW MEXICO

OPERATOR: HALLIB

HALLIBURTON ENERGY SERVICES

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HALLIBURTON ENERGY SERVICES 2311 SOUTH FIRST STREET ARTESIA, NEW MEXICO

1. New Anti-freeze - 220 gallon

1.1 New 15/40 Oil - 2 @ 275 gallon

1.2 New 80w-90 Oil - 55 gallon

1.2 New Tractor Hydraulic - 55 gallon

2. Used Oil-325 gallon

2.1 Used Oil-115 gallon

2.2 Used Anti-freeze - 3 drums @ 55 gallon

3. New Oil-275 gallon

3. Rock Drill Oil-275 gallon

4. Hydraulic Oil, 90 wt. Oil, Grease - 4 drums @ 55 gallon

5. Assorted Liquid Chemicals, 55 gallon drums & 5 gallon buckets

6. Oil/Water Separator- Abandoned

7. UST Gasoline Leak-Remediation in Process

8. Gasoline Storage Tank-320 gallon

9. AST Diesel Tank Leak-Remediation in Process

10. Underground Grit Tanks

11. Fresh Water Tank

12. Underground Neutralization Tanks*

13. Flochek Tank-Empty*

14. Office Building

15. Truck Shop

16. Grease Rack

17. Head Rack

18. Plug Room

19. Outside Equipment Storage

20. Vehicle Parking

21. Office Building

22. Office Building and Field Lab

23. Bulk Cement Storage Tanks*

24. Coment Additive Warehouse*

25. Densometer Storage

26. Wash Rack

27. Grit Pit

28. Tool Shop

29. Tool Storage

30. Warehouse

31. Sand Storage Tanks*

32. Pump Packing Room

33. Outside Equipment Storage

34. Chemical Terminal*

35. Chemical Additive Room*

36. Soap Tank - 275 gallon

***OUT OF SERVICE**



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	SPCC PLAN, PART II, ALTERNATE A DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION)	Page 1
	Location: <u>HALLIBUTON ENERGY SERVICES</u> City ARTESIA State NM Zip 88210	
Α.	Facility Drainage	
1.	Drainage from diked storage areas is controlled as desc operating description of valves, pumps, ejectors, etc.). <i>valves should not be used.)</i>	cribed below (include (Note: Flapper-type -
In 1	the event of a spill within our diked areas, we will utilize	our pumping equipment if necessary and
trans	sfer any contaminates to our transport vehicles.	~
	· · · · · · · · · · · · · · · · · · ·	
	description of ponds, lagoons, or catchment basins and and returning oil to facility). <u>All drainage from potential spill areas are controlled.</u> A	d methods of retaining Il other drainage from the facility
<u>is na</u>	<u>atural drainage from areas where little or no spill potentia</u>	l exists.
	· ·	

PART II, ALTERNATE A, DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION) (Continued)

 The procedure for supervising the drainage of rain water from secondary containment into a storm drain or an open water course is as described below (include description of inspection for pollutants and method of valving security).
 (A record of inspection and drainage events is to be maintained on a form similar to Attachment No. 3.)

All dikes and sumps are visually inspected weekly. Due to limited rainfall at our location, the need to pump off rainwater is rare. Natural evaporation takes care of normal rainfall accumulations in the containment's. Should rainwater levels need to be pumped off, the rain water will be ph tested and visually inspected for oil, then pumped into a oil water separator. The volume and inspection results are documented.

B. Bulk Storage Tanks

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1. Describe tank design, materials of construction, fail-safe engineering features, and if needed, corrosion protection.

STEEL PAINTED - GASOLINE, OIL

2. Describe secondary containment design, construction materials, and volume.

Concrete dikes and steel containment's. All dikes and containment's will hold one and one-third of the volume stored.

3. Describe tank inspection methods, procedures, and record keeping.

All storage tanks and their containment's are visually inspected on a weekly basis. The inspections are documented and filed Page 2

ln Co	ontrol facto	ting coil leaka ors.	ge is controlled by	one or more of	the following	l		-
	(a)	Monitoring t Describe mo	he steam return or nitoring procedure.	exhaust lines fo	or oil.	·	<u></u> 1	N/A_
N	I/A							
	(b)	Passing the tank, skimm	steam return or o er or other separate	exhaust lines th or system.	nrough a set	tling –	 N/	<u> </u>
	(c)	Installing Ext	ternal heating syste	ems.	÷	in the second	N	I /A_
Di ot	visposal fac bserved fre pill event.	ilities for plan equently for in	t effluents discharg	ged into navigab e upsets which i	ele waters ['] are may cause ar	n oil		
•	ļ.	Describe me	thod of frequency of	of observations.				
			• .					
	N/A	<u>```</u>	·		······		<u>.</u>	~
Fa	N/A acility Tran	sfer Operatio	ns, Pumping, and li	n-Plant Process			<u>.</u>	~
Fa	N/A acility Tran orrosion pr	sfer Operation	ns, Pumping, and lu	n-Plant Process			<u>.</u>	
Fa	N/A acility Tran orrosion pr (a)	sfer Operation otection for b Pipelines are reduce cor	ns, Pumping, and lu nuried pipelines. wrapped and coat rosion.	n-Plant Process ed to	Yes	No	N/A	X
Fa	N/A acility Tran orrosion pr (a) (b)	sfer Operation otection for b Pipelines are reduce cor Cathodic pro pipelines if o elec	ns, Pumping, and lu nuried pipelines. wrapped and coat rosion. etection is provided determined necessa trolytic testing.	n-Plant Process ed to for ary by	Yes Yes	No	N/A	X
Fa	N/A acility Tran orrosion pr (a) (b) (c)	sfer Operation otection for b Pipelines are reduce cor Cathodic pro pipelines if o elec When a pipe examined an necessary.	ns, Pumping, and Is ouried pipelines. wrapped and coat rosion. otection is provided determined necessa trolytic testing. line section is expo d corrective action	n-Plant Process ed to for ary by osed, it is taken as	Yes Yes Yes	No No	N/A	X

PART II, ALTERNATE A, DESIGN DO OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION) (Continued)

3. Pipe supports are designed to minimize abrasion and corrosion and allow for expansion and contraction.

Yes _X__ No ____ N/A __

J.

Yes X No N/A

Yes X No N/A

Yes X No N/A //// No N/A

4. Describe procedures for regularly examining all aboveground valves and pipelines (including flange joints, valve glands and bodies, catch pans, pipeline supports, locking of valves and metal surfaces).

All areas are visually inspected weekly, all discrepancies are immediately reported to a supervisor for immediate attention. All inspection are recorded and placed in the environmental file.

5. Describe procedures for warning vehicles entering the facility to avoid damaging above- ground piping.

Warning signs are posted and loading / unloading areas are marked

D Facility Tank Car and Tank Truck Loading/Unloading Rack

Tank car and tank truck loading/unloading occurs at the facility. If yes, complete 1 through 5 below.

- 1. Loading/unloading procedures meet the minimum requirements and regulations of the Department of Transportation.
- 2. The unloading area has a quick drainage system.
- 3. The containment system will hold the maximum capacity of any single compartment of a tank truck loaded/unloaded in the plant.

Describe containment system design, construction materials, and volume.

Reinforced Concrete dike, designed to contain one and one-third the volume of our largest tanker.

PART II, ALTERNATE A, DESIGN DOPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION) (Continued)

4. An interlocked warning light, a physical barrier system, or warning signs are provided in loading/unloading areas to prevent vehicular departure before disconnect or transfer lines.

Describe methods, procedures, and/or equipment used to prevent premature vehicular departure.

Warning signs in conjunction with supervisory personnel during all loading and unleading an analysis.

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		· · · · · · · · · · · · · · · · · · ·			
5.	Drains and c checked for le departure.	outlets on tank trucks and tank cars are akage before loading/unloading or	Yes <u>X</u>	No	N/A
E.	Security				
1.	Plants handli fenced.	ng, processing, or storing oil are	Yes <u>X</u>	No	N/A
2.	Entrance_gat plant is unatte	es are locked and/or guarded when the ended or not in production.	Yes _2	<u>⊀</u> No	N/A
3.	Any valves tank's conten non-operating	which permit direct outward flow of a ts are locked closed when in or standby status.	Yes	No _ <u>X</u>	N/A
4.	Starter contro or standby sta	ls on all oil pumps in non-operating atus are			
	a.	locked in the off position	Yes	No	_ N/AX
	b.	locked at site accessible only to authorized personnel	Yes	No	N/AX

Yes <u>X</u> No N/A

PART II, ALTERNATE A, DESIGN COPERATING INFORMATION

5. Discussion of Items 1 through 4 as appropriate.

 WHEN OUR FACILITY IS NOT MANNED TWENTY FOUR HOURS A DAY THE GATES ARE

 LOCKED. DUE TO THE PRESENCE OF SUPERVISORY PERSONNEL DURING LOADING/ UNLOADING

 AND VISUAL INSPECTIONS DAILY. THE CHANCE OF A UNCONTROLLABLE RELEASE IS VERY

 REMOTE.

 6. Discussion of the lighting around the facility.

 The lighting is adequate for all operations, safety, security and inspections.

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Stelle Bus Ford

SPILL PREVENTION CONTROL & COUNTERMEASURE PLAN

PART I **GENERAL INFORMATION**

1.	Name of facility	HALLIBURTON SERVICES	
2.	Type of facility	PETROLEUM INDUSTRIES SERVICE LOCATION	
3.	Location of facility	2311 S. FIRST STREET ARTESIA, NEW MEXICO	. <u> </u>
		(OFF HIWAY 285 - EDDY COUNTY, NEW MEXICO)	
	<u></u>		
4.	Name and address of	owner or operator:	
	Name	HALLIBURTON SERVICES	
	Address	PO DRAWER O	
		ARTESIA, NEW MEXICO 88210	
5.	Designated person acc	ountable for oil spill prevention at facility:	
	Name and title_	LEO PRATER - DISTRICT MANAGER	
6.	Facility experienced a (effective date of 40	reportable oil spill event during the twelve months prior to Jan. 10, CFR, Part 112). (If YES, complete Attachment #1.) <u>NO</u>	1974
		MANAGEMENT APPROVAL	
	This	SPCC Plan will be implemented as herein described.	
	Signature	E Prachel	
	Name LEC	PRATER	
	Title	TRICT MANAGER	

CERTIFICATION

I hereby certify that I have examined the facility, and being familiar with the provisions of 40 CFR, Part 112, attest that this SPCC Plan has been prepared in accordance with good engineering practices.

J. N. CUIBERTEM Printed Name of Registered Professional Engineer

9.77, Cullerton Signature of Registered Professional Engineer

Registration No. 5846B State TEXAS

(Part I) Page 1 of 3

(Seal)

Date_1/22/91

PART I GENERAL INFORMATION

7. Potential Spills - Prediction & Control:

Source	Major Type of Failure	Quantity (bbls)	Rate (bbls/hr)	Direction of Flow*	Secondary Containment
1.	Leaks while filling or discharging fuel.	240	Depends on Type of Leak	N/A Flat Retained Area	Cement Retainer Wall
2.	Leaks while filling or discharging Xylene.	240	Depends on Type of Leak	N/A Flat Retained Area	Cement Retainer Wall
3.	Leaks while filling or discharging plunger oil.	12 (exempt from SPCV Require- ments)	Depends on Type of Leak	N/A Flat Retained Area	Cement Retainer Wall
4.	Leaks while filling or discharging motor oil.	24	Depends on Type of Leak	Sloped to Cement Pit	Cement Pit
5.	Leaks while filling or discharging used motor oil.	7	Depends on Type of Leak	Sloped to Cement Pit	Cement Pit
6. Discussion:	Leaks while filling or discharging Hydrochoric Acid Inhibitor	310	Depends on Type of Leak	N/A Flat Retained Area	Cement Retainer Wall

Past experience indicates large spills from the above fuel and Xylene tanks are not to be expected. Fueling operations involving the fuel tank could be expected to cause only small spills. Loading and unloading Xylene from the Xylene tank could be expected to cause only small spills.

Past experience indicates large spills from the above oil tanks is not to be expected. Loading and unloading of oil in these oil tanks could be expected to cuase only small spills.

Attach map if appropriate.

Name of facility <u>Halliburton Services Artesia</u>, NM District

Operator Halliburton Services

(Part I) Page 2 of 3

7. Potential Spills - Prediction & Control:

Source	Major Type of Failure	Total Quantity (bbls)	Rate (bbls/hr)	Direction of Flow*	Secondary Containment
7.	Leaks while filling or discharging Acetic Anhydric (FEIA)	120 le.	Depends on Type of Leak	N/A Flat Retained Area	Cement Retainer Wall
8.	Leaks while filling or discharging Musol A.	240	Depends on Type of Leak	N/A Flat Retained Area	Cement Retainer Wall
9.	Leaks while filling or discharging HAI-65 Hydrochloric Acid Inhibitor	6	Depends on Type of Leak	Sloped to Two Fiber Glass Under- ground Spill Prevention Tanks	Fiber Glass Tanks - l
10.	Leaks while filling or discharging 14-N Non-Emulsi Additive for Hy Acid.	6 fier drochloric	Depends on Type of Leak	Sloped to Two Fiber Glass Under- ground Spill Prevention Tanks.	Fiber Glass Tanks -
11.	Leaks while filling or discharging Lo- Surfactant Addi Hydrochloric Ac	6 Surf 300 tive for id.	Depends on Type of Leak	Sloped to Two Fiber Glass Under- ground Spill Prevention T	Fiber Glass Tanks - Canks

Discussion:

Past experience indicates large spills from the above Hydrochloric Acid, Acetic Anhydride (FEIA), or Musol A are not to be expected. Loading or unloading of these products in these tanks could be expected to cause only small spills.

Past experience indicates large spills from the tanks of HAI-65 Hydrochloric Acid Inhibitor, 14-N Non-Emulsifier, LoSurf-300 Surfactant, Morflo II Surfactant, 15-N Non-Emulsifer, HAI-85M Hydrochloric Acid Inhibitor, ClaSta-II Additive, and Scale Check LP-55 Scale Inhibitor are not to be expected.

Loadin'z or unloading of these products in these tanks could be expected to cause only small spills.

Name of facility _____HALLIBURTON SERVICES ARTESIA, NM DISTRICT

Operator HALLIBURTON SERVICES

(Part I) Page 2 of 3-



7. Potential Spills - Prediction & Control:

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Source	Major Type of Failure	Total Quantity (bbls)	Rat e (bbls/hr)		Direction of Flow*	Secon Contair	dary ment
12.	Leaks while filling or discharging MorFlo II Surf Additive for H chloric Acid.	6 Eactant Iydro-	Depends Type of Leak	on-,	Sloped to Two Fiber Glass Under- ground Spill Prevention Tanks	Fiber Tanks	Glass
13.	Leaks while filling or discharging 15-N Non-Emuls Additive for H chloric Acid.	6 sifier lydro-	Depends Type of Leak	on	Sloped to Two Fiber Glass Under- ground Spill Prevention Tanks	Fiber Tanks	Glass
14.	Leaks while filling or discharging HAI-85M Hydroc Acid Inhibitor	6 hloric	Depends Type of Leak	on	Sloped to Two Eiber Glass Under- ground Spill Prevention T	Fiber Tanks anks	Glass
15.	Leaks while filling or	6	Depends Type of Leak	on	Sloped to Two Fiber Glass Under- ground Spil Prevention T	Fiber Tanks 1 anks	Glass
16.	Leaks while filling or dis charging Scale Scale Inhibito for Hydrochlor	6 Check LP-55 or Additive ic Acid.	Depends Type of Leak	on	Sloped to Two Fiber Glass Under- ground Spill Prevention T	Fiber Tanks naks	Glass
Discussion	n:						

Attach map if appropriate.

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Name of facility HALLIBURTON SERVICES ARTESIA, NM DISTRICT

Operator HALLIBURTON SERVICES

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(Part I) Page 2 of 3-

PART I GENERAL INFORMATION

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[Response to statements should be: YES, NO, or NA (Not Applicable).]

8. Containment or diversionary structures or equipment to prevent oil from reaching navigable waters are practicable. (If NO, complete Attachment <u>#2.)</u>

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1 1119	spections and Records	
A.	The required inspections follow written procedures	Yes
B.	The written procedures and a record of inspections, signed by the appropriate	
	supervisor or inspector, are attached, below.	Yes
	Discussion: An employee will visually inspect tanks, dike, dike fl	uids a
	delivery hoses daily. Any leaks or abnormal fluid levels in di	kes wi
	be corrected immediately and reported to Halliburton Services m	anagem
	in Artesia, New Mexico.	
). Pe	ersonnel Training and Spill Prevention Procedures	
A.	Personnel are properly instructed in the following:	
	(1) operation and maintenance of equipment to prevent oil discharges, and	Yes
	(2) applicable pollution control laws, rules, and regulations.	Yes
	Describe procedures employed for instruction: <u>Halliburton</u> Services Field And Training Manuals	Safet
P	Schodulod provention buildings for the operating percently and the destruction buildings for the operating percently and the destruction buildings for the operating percent of the destruction buildings for the destruction buildings	
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan.	Yes
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site	Yes
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi	Yes
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes ew
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B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	<u>Yes</u> ew
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes ew
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	<u>Yes</u> ew
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes ew
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes ew
B.	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes ew
B. Name	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	<u>Yes</u>
B. Name	Scheduled prevention briefings for the operating personnel are conducted fre- quently enough to assure adequate understanding of the SPCC Plan. Describe briefing program: This is a permanent job site. All on-site personnel have been or will be trained for the plan and will revi the plan at periodic safety meetings.	Yes

(Part I) Page 3 of 3

PART II, ALTERNATE A DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION)

A. Facility Drainage

1. Drainage from diked storage areas is controlled as follows (include operating description of valves, pumps, ejectors, etc. (Note: Flapper-type valves should not be used):______

Accumulated rain water is to be drained manually from dike by a small portable pump.

2. Drainage from undiked areas is controlled as follows (include description of ponds, lagoons, or catchment basins and methods of retaining and returning oil to facility):_____

The fuel and Xylene tanks and the plunger oil tank are diked. The motor oil and used motor oil tanks are sloped to drain into a cement pit. If a spill should occur, this oil will drain into the pit and be picked up and disposed of by Industrial Waste Company from Lubbock, Texas.

The Hydrochloric Acid, Acetic Anhydride (FEIA), and Musol-A are diked, which is of sufficent size to hold any soil. The HAI-65 Inhibitor, 14-N Non-Emulsifier, HAI-85M Inhibitor, ClaSta-II Additive, Scale Check LP-55 Scale Inhibitor. All these are additives for Hydrochloric Acid and are sloped to two Fiber Glass underground spill prevention tanks which are sufficient size to hold any spills.

3. The procedure for supervising the drainage of rain water from secondary containment into a storm drain or an open watercourse is as follows (include description of (a) inspection for pollutants, and (b) method of valving security). (A record of inspection and drainage events is to be maintained on a form similar to Attachment #3): Diked area is to be inspected daily to verify (rain) fluid levels are below the safe free board level. Should dike water levels need to be lowered, Halliburton Services personnel will pump (rain) water out of dike into settlement tanks located on the premises after inspection and drainage events on daily checklists. The motor oil and used motor oil drainage pit will also be inspected daily to verify (rain) fluid levels are below the safe free board level. Should the into settlement tanks located on the pit water level need to be lowered, Halliburton Services personnel will pump (rain) fluid levels are below the safe free board level. Should the inspection and drainage pit will also be inspected daily to verify (rain) fluid levels are below the safe free board level. Should the pit water level need to be lowered, Halliburton Services personnel will pump (rain) water out of pit into settlement containment tank located on the premises. After inspecting the fluids for contaminants/pollutants and will record the inspecting the fluids for contaminants/pollutants and will record the inspecting the fluids for contaminants/pollutants and will record the inspecting the fluids for contaminants/pollutants and will record the inspecting the fluids for contaminants/pollutants and will record the inspection and drainage events on daily checklists.

Name of facility _____ Halliburton Services Artesia, NM District

Operator _____ Halliburton Services

(Part II, Alternate A) Page 1 of 5

PART II. ALTERNATE A DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION)

[Response to statements should be : YES, NO, or NA (Not Applicable).]

- B. Bulk Storage Tanks
 - 1. Describe tank design, materials of construction, fuil-safe engineering features, and if needed, corrosion protection: One (1) 10,000-gallon diesel fuel cylindrical tank, one (1) 10,000-gallon Xylene cylindrical tank, one (1) 500-gallon plunger oil cylindrical tank, one (1) 2,000-gallon motor oil cylindrical tank, and one (1) 300-gallon used motor oil rectangular tank. All the above listed tanks are painted for corroision protection and are of welded steel construction.
 - 2. Describe secondary containment design, construction materials, and volume: <u>Earthen</u> base with cement sides spill containment tank 29'x39'x22' for fuel, Xylene, and plunger oil tanks. The motor oil and used motor oil tanks are located on our cement slab partially enclosed grease rack with a down-hill slope to a 3'x20'x4' cement pit. Earthen base with with cement sides spill containment tank 40'x54'x3' for Hydrochloric Acetic Anhydride (FE1A) and Musol A Tanks. The eight (8) tanks which hold chemicals which are aditives for Hydrochloric Acid are down-sloped to two (2) 12,000-gallon underground fiber glass neutralizing spill control
 - 3. Describe tanks inspection methods, procedures, and record keeping: <u>All tanks and piping</u> are to be visually inspected daily. Inspections are to be recorded on daily checklists.
 - 1. Internal heating coil leakage is controlled by one or more of the following control factors: (a) Monitoring the steam return or exhaust lines for oil.
 - Describe monitoring procedure: <u>Not Applicable</u>
 - (b) Passing the steam return or exhaust lines through a settling tank, skimmer, Not or other separation system. <u>Applicab</u>le
 - (c) Installing external heating systems.
 - 5. Disposal facilities for plant effluents discharged into navigable waters are observed frequently for indication of possible upsets which may cause an oil spill Not Applicable event

Describe method and frequency of observations:

Name of facility Halliburton Services Artesia, NM District

Operator <u>Halliburton Services</u>

(Part II, Alternate A) Page 2 of 5

PART II, ALTERNATE A Design and Operating Information ONSHORE FACILITY (EXCLUDING PRODUCTION)

PAGE 2 of 5 [Response to statements should be: YES, NO, or N.A (Nut Applicable).] CONTINUED ----

B. Bulk Storage Tanks

- Describe tank design, materials of construction, fuil-safe engineering features, and if needed, corrosion protection: ______ The Hydrochloric Acid_Tank is a 12,000-Gallon _______ Cylindrical Tank of welded steel and rubber lined. The Acetic Anhydride ________ (FEIA) is a 5000-Gallon Cylindrical welded stainless steel tank. The _________ Musol-A Tank is a 10,000-Gallon Cylindrical welded steel tank. The __________ Hydrochloric and Musol A Tanks are painted for corrosion.
- 2. Describe secondary containment design, construction materials, and volume: _____

3. Describe tank inspection methods, procedures, and record keeping:

- 1. Internal heating coil leakage is controlled by one or more of the following control factors: (a) Monitoring the steam return or exhaust lines for oil.
 - Describe monitoring procedure:
 - (b) Passing the steam return or exhaust lines through a settling tank, skimmer, or other separation system.
 - (c) Installing external heating systems.
- 5. Disposal facilities for plant effluents discharged into navigable waters are observed frequently for indication of possible upsets which may cause an oil spill event.

Describe met	hod and	frequency	of	observations:_
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Name of facility _____ HALLIBURTON SERVICES ARTESIA, NM DISTRICT

Operator ______ HALLIBURTON SERVICES

(Part II, Alternate A) Page 2 of 5

PART IL ALTERNATE A DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION)

PAGE 3 of 5 [Response to statements should be : YES. NO, or N.1 (Not Applicable).]

CONTINUED ----

B. Bulk Storage Tanks

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PART II, ALTERNATE A DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION)

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[Response to statements should be: YES, NO, or NA (Not Applicable).]

 Pij lin De 	peline terminal connections are capped or blank-flanged and marked if the pipe-Not e is not in service or on standby service for extended periods. Applicab escribe criteria for determining when to cap or blank-flange: pe supports are designed to minimize abrasion and corrosion and allow for Not pansion and contraction. escribe pipe support design:
3. Pi ex De	pe supports are designed to minimize abrasion and corrosion and allow for Applicab pansion and contraction. escribe pipe support design:
3. Pi ex De	pe supports are designed to minimize abrasion and corrosion and allow for Applicab pansion and contraction. escribe pipe support design:
- <u></u> • · · •	
1. De in: an	escribe procedures for regularly examining all above-ground valves and pipelines (includ- g flange joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, d metal surfaces): Not Applicable
·	
5. De gri	escribe procedures for warning vehicles entering the facility to avoid damaging above- ound piping: Not Applicable
 	Hellikurten Services Artesia NM District
Name o	of facility Halliburton Services Artesia, NA District

(Part II, Alternate A) Page 3 of 5

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DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION)

[Response to statements should be : YES, NO, or N.1 (Not Applicable).]

D. Facility Tank Car & Tank Truck Loading/Unloading Rack

Tank car and tank truck loading/unloading occurs at the facility. (If YES, complete 1 through 5 below.)

- 1. Loading/unloading procedures meet the minimum requirements and regulations of the Department of Transportation.
- 2. The unloading area has a quick drainage system.

No

Yes

3. The containment system will hold the maximum capacity of any single compartment of a tank truck loaded/unloaded in the plant.
Describe containment system design, construction materials, and volume:
The discoll fuel. Valence and plugger oil tanks are within a correct discovery discovery.

The diesel fuel, Xylene, and plunger oil tanks are within a cement diked area with approximate capacity of 21,000 gallons. The motor oil and used motor oil tanks are located on our grease rack bay; down-sloped cement into a pit of approximate capacity of 1800 gallons, The Hydrochloric Acid, Acetic Anhydride (FEIA), and Musol A are within a cement diked area with approximate capacity of 48,000 gallons. The HAI-65 Hydrochloric Acid Inhibitor, 14-N Non-Emulsifier, LoSurf-300 Surfactant, MorFlo II Surfactant, 15-N Non-Emulsifier, HAI-85M Hydrochloric Acid Inhibitor, ClaSta II additive and the Scalecheck LP-55 Scale Inhibitor are located in our chemical storage building; down-sloped cement into two (2) 12,000-gallon underground fiber glass neutralizing spill control tanks.

4. An interlocked warning light, a physical barrier system, or warning signs are provided in loading/unloading areas to prevent vehicular departure before disconnect of transfer lines.

Describe methods, procedures, and/or equipment used to prevent premature vehicular departure: Visual checks by Halliburton Services and delivery personnel each time diesel fuel, Xylene, plunger oil, motor oil, Hydrochloric Acid, Acetic Anhydride (FEIA), Musol A, HAI-65 Hydrochloric Acid Inhibitor, 14-N Non-Emulsifer, LoSurf-300 Surfactant, Morflo II Surfactant, 15-N Non-Emulsifier HAI-85M Hydrochloric Acid Inhibitor, ClaSta II Additive, or Scale Check LP-55 Scale Inhibitor are delivered.

5. Drains and outlets on tank trucks and tank cars are checked for leakage before loading/unloading or departure.

Name of facility HALLIBURTON SERVICES ARTESIA, NM DISTRICT

Operator <u>HALLIBURTON SERVICES</u>

(Part II, Alternate A) Page 4 of 5

PART II, ALTERNATE A DESIGN AND OPERATING INFORMATION ONSHORE FACILITY (EXCLUDING PRODUCTION)

[Response to statements should be: YES, NO, or NA (Not Applicable).]

E. Security

. . . .

2	becurity The second	
۱	. Plants handling, processing, or storing oil are fenced.	Yes
2	Entrance gates are locked and/or guarded when the plant is unattended or production.	not in Yes
3	Any values which permit direct outward flow of a tank's contents are l closed when in non-operating or standby status.	ocked <u>No</u>
.1	 Starter controls on all oil pumps in non-operating or standby status are: (a) locked in the off position; (b) located at site accessible only to authorized personnel. 	No Yes
5	Discussion of items 1 through 4 as appropriate: Facility is fenced ar manned twenty-four (24) hours per day by Halliburton Services	nd will be personnel.
6	Discussion of the lighting around the facility: Adequate for all operat security and inspection needs. Automatic lighting system ope light sensors.	ion, safety rated by

Halliburton Services Operator____

(Part II, Alternate A) Page 5 of 5

