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

Form C- 144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

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: Apache Corporation Telephone: (432) 527-3311 e-mail address: Harold.Swain@usa.apachecorp.com
Address: P.O. Box 848 Wink, Texas 79789
Facility or well name: Hawk "B-1" #50 #: 30-025-38014 U/L or Qtr/Qtr I Sec 8 T 21S R 37E
County: Lea Latitude N 32 deg 29.533' Longitude W 103 deg 10.672' NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume 7000 bbl	Volume: ____bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet **50 feet or more, but less than 100 feet** 100 feet or more	(20 points) **(10 points) 70 Feet** (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes **No**	(20 points) **(0 points)**
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet **1000 feet or more**	(20 points) (10 points) **(0 points)**
	Ranking Score (Total Points)	**10**

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 ☒ offsite ☐ If offsite, name of facility_____. (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.

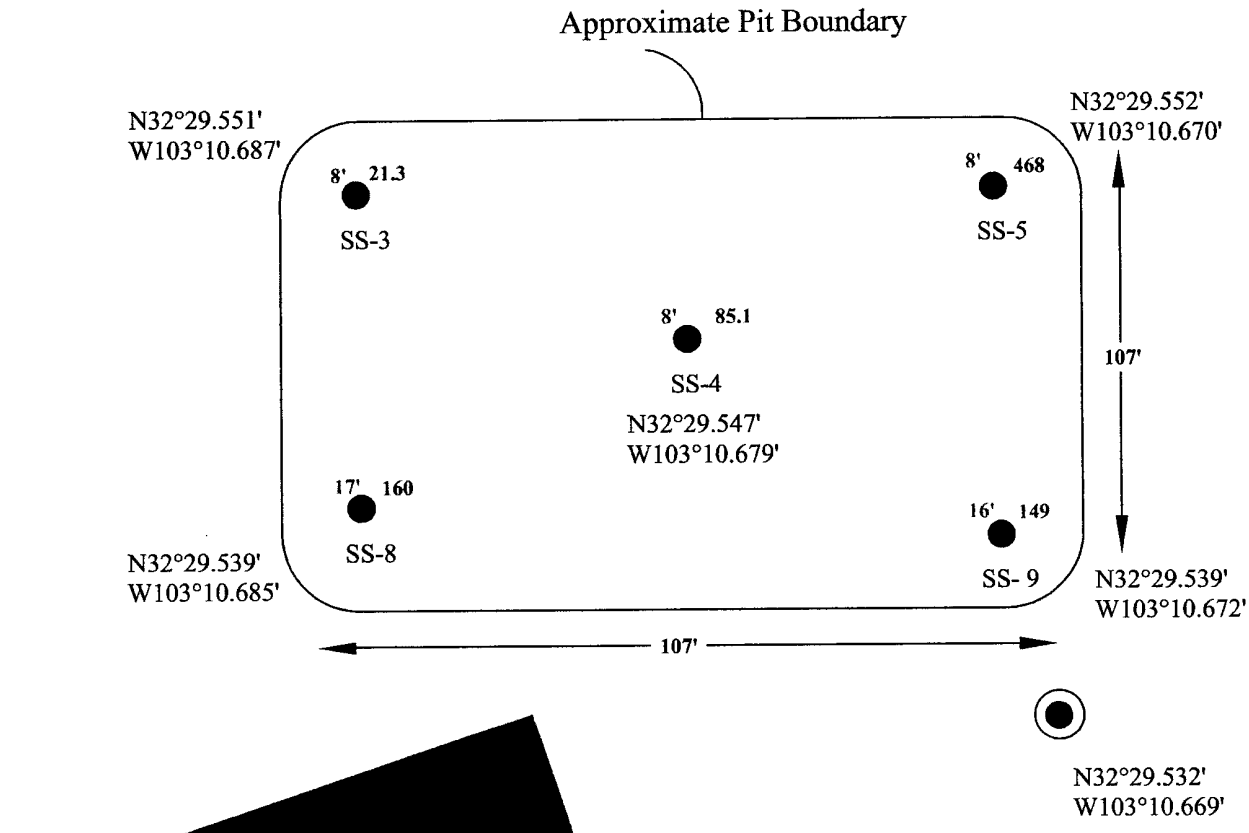
Additional Comments: All fluids were removed from the pit. The burial pit was constructed adjacent to the drilling pit and lined with a 12 ml liner.
The liner and impacted material were placed in the burial pit, completely encapsulated and capped with a 20 ml liner, and covered with 3 feet of topsoil to grade.
Any hydrocarbon impacted soil was disposed at an NMOCD approved facility.
Samples were collected below the liner and results are submitted with this final C144 form.

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 ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Date: January 9, 2007
Printed Name/Title: Cindy Crain/Geologist – As Agent for Apache Corp. Signature Cindy Crain

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 L JOHNSON - ENVIR ENGR Signature L Johnson Date: 1.24.07



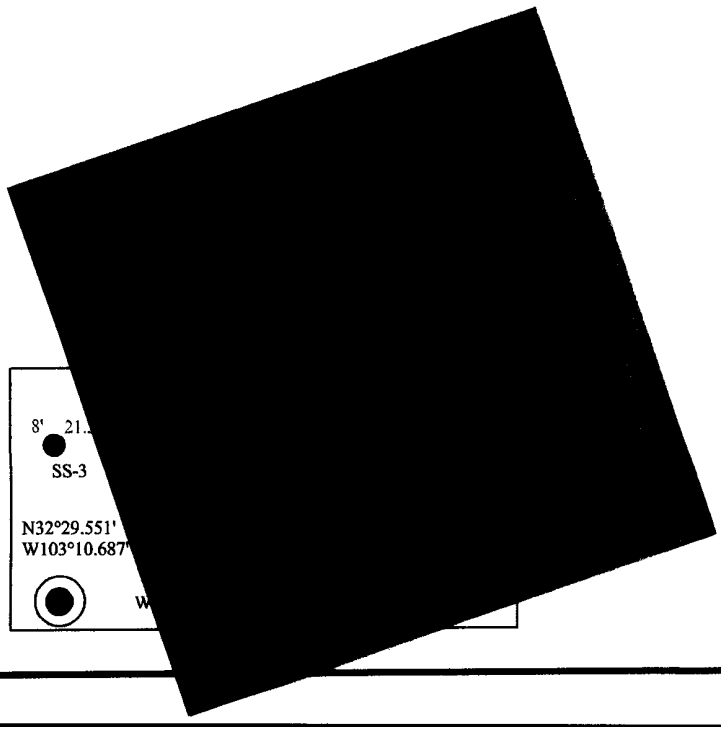


FIGURE # 1

LEA COUNTY, NEW MEXICO

Hawk B 1 #50

U.L.I, NE/SE,Sec.8, T21S, R37E

Site Drawing

(Not to Scale)

DATE:	1-03-07
NAME:	CHH
PROJECT NO. :	

Ocotillo ENVIRONMENTAL

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Cindy Crain

Ocotillo Environmental

2125 French Dr.

Hobbs, NM 88201

Project: Apache- Hawk B 1 #50

Project Number: None Given

Location: Eunice, NM

Lab Order Number: 6L28005

Report Date: 12/31/06

Ocotillo Environmental	Project: Apache- Hawk B 1 #50	Fax: (432) 367-6747
2125 French Dr.	Project Number: None Given	
Hobbs NM, 88201	Project Manager: Cindy Crain	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-3 8'	6L28005-01	Soil	12/28/06 07:35	12-28-2006 12:45
SS-4 8'	6L28005-02	Soil	12/28/06 07:40	12-28-2006 12:45
SS-5 8'	6L28005-03	Soil	12/28/06 07:45	12-28-2006 12:45
SS-8 17'	6L28005-04	Soil	12/28/06 09:30	12-28-2006 12:45
SS-9 16'	6L28005-05	Soil	12/28/06 09:35	12-28-2006 12:45

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: Apache- Hawk B 1 #50	Fax: (432) 367-6747
2125 French Dr.	Project Number: None Given	
Hobbs NM, 88201	Project Manager: Cindy Crain	

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-3 8' (6L28005-01) Soil									
Chloride	**21.3**	20.0	mg/kg Wet	2	EL62905	12/29/06	12/29/06	SW 846 9253	
SS-4 8' (6L28005-02) Soil									
Chloride	**85.1**	20.0	mg/kg Wet	2	EL62905	12/29/06	12/29/06	SW 846 9253	
SS-5 8' (6L28005-03) Soil									
Chloride	**468**	20.0	mg/kg Wet	2	EL62905	12/29/06	12/29/06	SW 846 9253	
SS-8 17' (6L28005-04) Soil									
Chloride	**160**	20.0	mg/kg Wet	2	EL62905	12/29/06	12/29/06	SW 846 9253	
SS-9 16' (6L28005-05) Soil									
Chloride	**149**	20.0	mg/kg Wet	2	EL62905	12/29/06	12/29/06	SW 846 9253	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: Apache- Hawk B 1 #50	Fax: (432) 367-6747
2125 French Dr.	Project Number: None Given	
Hobbs NM, 88201	Project Manager: Cindy Crain	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL62905 - General Preparation (WetChem)										
Blank (EL62905-BLK1)				Prepared & Analyzed: 12/29/06						
Chloride	ND	10.0	mg/kg Wet							
LCS (EL62905-BS1)				Prepared & Analyzed: 12/29/06						
Chloride	91.5	5.00	mg/kg Wet	100		91.5	80-120			
Matrix Spike (EL62905-MS1)	**Source: 6L28003-04**			Prepared & Analyzed: 12/29/06						
Chloride	1810	20.0	mg/kg Wet	500	1380	86.0	80-120			
Matrix Spike Dup (EL62905-MSD1)	**Source: 6L28003-04**			Prepared & Analyzed: 12/29/06						
Chloride	1810	20.0	mg/kg Wet	500	1380	86.0	80-120	0.00	20	
Reference (EL62905-SRM1)				Prepared & Analyzed: 12/29/06						
Chloride	53.2		mg/kg	50.0		106	80-120			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Ocotillo Environmental	Project: Apache- Hawk B 1 #50	Fax: (432) 367-6747
2125 French Dr.	Project Number: None Given	
Hobbs NM, 88201	Project Manager: Cindy Crain	

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 12/31/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Cindy Crain
Company Name: Ocotillo Environmental
Company Address: 2125 French Dr.
City/State/Zip: Hobbs, NM 88241
Telephone No: (505) 441-7244 Fax No: (432) 367-6747
Sampler Signature: Connie Hobbs
e-mail: cindy.crain@gmail.com

Project Name: Apache - Hawk B1 #50
Project #:
Project Loc: Eunice, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 6L28005

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water GW=Groundwater NP=Non-Potable SL=Sludge S=Soil/Solid Specify Other	Analyze For: TCLP: TOTAL: TPH: 418.1 8015M TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO_4, Alkalinity) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Volatiles Semivolatiles BTEX 8021B/5030 or BTEX 8260 RCI N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	SS-3	9	9	12/28	7:35		1							X		S		X	
02	SS-4	8	8		7:40		1							X				X	
03	SS-5	8	8		7:45		1							X				X	
04	SS-8	17	17		9:30		1							X				X	
05	SS-9	16	16	↓	9:35		1							X		↓		X	

Special Instructions: RG

Relinquished by:	Date	Time	Received by:	Date	Time
Connie Hobbs	12/28	12:45			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Bottles Provided? Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N N/A
Sample Hand Delivered by Sampler/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Ocotillo Environmental

Date/ Time: 12-28-04 @ 1245

Lab ID # : 6L28005

Initials: JMM

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	19.0 °C	
#2	Shipping container in good condition?	Yes	No	(N/A)	
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present (N/A)	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	(Not Present)	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	(ID written on Cont./Lid)	
#9	Container label(s) legible and intact?	Yes	No	(Not Applicable)	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	Yes	No	(Not Applicable)	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event