

PIT

REMEDIATION

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

WELL API NO.

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER

PIT

2. Name of Operator

Apache Corp.

3. Address of Operator

3300 N. A STE 8220 MIDLAND, TX. 79705

4. Well Location

Unit Letter G : _____ Feet From The _____ Line and _____ Feet From The _____ Line

Section 16, T23S-R37E Township VAL Range _____ NMPM LCA County _____

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: _____ ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: _____ ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See attached Workorders

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Mike Warren

TITLE

PROD. Foreman

DATE

10-17-88

TYPE OR PRINT NAME

MIKE WARREN

TELEPHONE NO.

915-587-3311

(This space for State Use)

APPROVED BY

Will C. Olson

TITLE

Geologist IV

DATE

12/1/95

CONDITIONS OF APPROVAL, IF ANY:

see attached approval conditions

OCD APPROVAL CONDITIONS
FOR
RCRA EXEMPT
UNLINED PIT CLOSURES
(August 16, 1995)

1. The following closure actions will be performed in accordance with OCD's February 1993 "SURFACE IMPOUNDMENT CLOSURE GUIDELINES":
 - a. Vertical and horizontal extent of contamination will be determined either prior to, during or upon completion of remedial actions.
 - b. Contaminated soils will be remediated to the OCD's recommended levels or a risk assessment will be provided which shows that an alternate cleanup level is protective of surface water, ground water, human health and the environment.
 - c. Final soil contaminant concentrations in excavated and landfarmed areas will be determined upon completion of remedial actions.
 - d. Soil samples for verification of completion of remedial actions will be sampled and analyzed for benzene, toluene, ethylbenzene, xylene and total petroleum hydrocarbons.
2. All wastes removed from a site will be disposed of at an OCD approved facility.
3. The OCD Santa Fe Office's Environmental Bureau Chief and the OCD Hobbs District Office will be notified within 24 hours of the discovery of ground water contamination related to a pit closure.
4. Upon completion of all closure activities, a completed OCD "Pit Remediation and Closure Report" form containing the results of all pit closure and soil remediation activities will be submitted to the OCD for approval. The report will include the concentrations and application rates of any materials or additives used to enhance bioremediation of the contaminants and the final concentrations of any soils landfarmed onsite or the final disposition of soils removed from the site. To simplify the approval process, the OCD requests that the final pit closure reports be submitted only upon completion of all closure activities including onsite remediation or landfarming of contaminated soils.
5. All original documents will be submitted to the OCD Santa Fe Office for approval with copies provided to the OCD Hobbs Office.
6. OCD approval does not relieve you of liability should closure activities determine that contamination exists which is beyond the scope of the work plan or if the closure activities fail to adequately remediate contamination related to your activities. In addition, OCD approval does not relieve you of responsibility for compliance with other federal, state or local laws and regulations.

**Indian Fire & Safety, Inc.****TELEFAX****COVER SHEET**

To: Warren, Mike		From : FRED HOLMES
Fax Number : 1-915-527-3521		Company : IFS
Date : 10/3/95	Time : 9:37:28	For Information Call: 520-2968
Subject : WordPerfect - [c:\wpwin60\props\95025.wpd - unmodified]		Fax Number : 520-3172

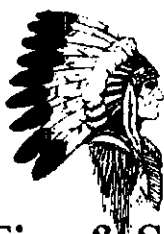
Notice: The contents of this document are considered confidential and intended to be seen only by the individual or individuals addressed. If you have received this document in error, please contact us at 1-800-530-8693 and arrangements will be made for this document to be returned at our expense.

Mike:

Please find attached the cost estimate for the pit delineation. If you have any questions, please feel free to call me or Michael.

Thanks:

Fred Holmes



INDIAN Fire & Safety, Inc.

P.O. Box 1306
Hobbs, New Mexico 88241
Tele: (505) 397-3884
Fax: (505) 392-6274

October 2, 1995

Mr. Michael Bernard
EH&S Group
APACHE CORPORATION
2000 Post Oak Blvd.
Houston, Texas 77056

Re: Estimated Cost for Pit Closures (Jal, New Mexico Area)
Proposal Number: 95025

Dear Mr. Bernard:

Pursuant to your request on September 29, 1995, and following site visits, we have prepared the following cost estimate for investigation and closure of four sites in the Jal. New Mexico region.

Site: STATE IT

Scope:

- Task 1: Perform a rough delineation of any contamination that may be present.
- Task 2: Take confirmation samples from the bottom and sides of the delineation trench.
- Task 3: Remove salt contaminated soil from southern edge of pad site, move soil to treatment area adjacent to main pad, take samples for clean-up confirmation.

ESTIMATED COST

Environmental Scientist * 12 hrs. @ \$70.00/hr.	840.00
Backhoe W/Operator & Dump Truck ** 8 hrs @ \$39.00/hr.	312.00
Analysis ** (TPH & BTEX) 5 @ \$160.00/ea.	900.00
Analysis ** (Cations, Anions, EC, SAR & ESP) 5 @ \$125.00 ea.	625.00
PID Rental	125.00
Mileage	90.00
Misc. (plastic, sample shipping, photos etc.)	300.00
Total Estimated Cost	\$3192.00

Proposal 95025
Continued**Site: STATE BZ****Scope:** **Task 1:** Remove Liner and take confirmation samples from below pit liner.**Estimated Cost**

Environmental Scientist * 12 hrs. @ \$70.00/hr.	700.00
Technician II 2 @ 8 hrs./man x \$35.00/man-hr.	490.00
Backhoe W/Operator & Dump Truck ** 6 hrs @ \$39.00/hr.	234.00
Analysis ** (TPH & BTEX) 5 @ \$160.00/ea.	900.00
PID Rental	125.00
Mileage	80.00
Misc. (plastic, sample shipping, photos etc.)	175.00
Total Estimated Cost	\$2704.00

Site: PENROSE**Scope:** **Task 1:** Remove liquids and sludge from the pit.
Task 2: Remove pit liner and perform rough delineation.**ESTIMATED COST**

Environmental Scientist * 16 hrs. @ \$70.00/hr.	1120.00
Technician II 2 @ 10 hrs./man x \$35.00/man-hr.	700.00
Backhoe W/Operator & Dump Truck ** 6 hrs @ \$39.00/hr.	390.00
Analysis ** (TPH & BTEX) 5 @ \$160.00/Sample	900.00
PID Rental	250.00
Mileage	200.00
Misc. (plastic, sample shipping, photos etc.)	300.00
Total Estimated Cost	\$3860.00

Proposal 95025
Continued**Site: SOUTH LANGLIE JAL UNIT**

Scope: **Task 1:** Take down fencing, perform, rough delineation with backhoe.
 Task 2: Take confirmation samples for BTEX & TPH.

ESTIMATED COST

Environmental Scientist * 8 hrs. @ \$70.00/hr.	560.00
Backhoe W/Operator & Dump Truck ** 5 hrs @ \$39.00/hr.	195.00
Analysis ** (TPH & BTEX) 5 @ \$160.00/Sample	900.00
PID Rental	125.00
Mileage	90.00
Misc. (plastic, sample shipping, photos etc.)	125.00
Total Estimated Cost	\$1995.00

Notes

- * This time includes projected travel time and report preparation time. Travel time has been based upon the closest Indian portal which is Hobbs, New Mexico.
- ** Denotes charges that will be direct billed from third parties to APACHE.
- 1. Because of the size of the sites and limited scope, delineation will be performed using a backhoe.
- 2. Removal of debris and solid waste will be placed upon plastic to await proper disposal.
- 3. Removal of contaminated soils from delineation trenches will be placed back into the trenches pending further analysis.
- 4. Treatment costs for salt contaminated soils at the STATE IT Lease have been omitted pending receipt of the analyses. Cost range for treatment of this area could range from \$2800.00 - \$4200.00 depending upon the salt levels and quantity of soil removed.

Proposal 95025
Continued

5. The cost for analysis has been left elevated intentionally to allow some room for additional analysis if so desired. If this is not utilized, costs should reduce.

Thank you for contacting Indian to submit this proposal to you. Should you have any questions or need any additional information, please contact me at 1-800-530-8693.

Respectfully:



Fred Holmes