GW - 279

GENERAL CORRESPONDENCE

YEAR(S): 1998 - 1990

P.O. Box 1613
703 E. Clinton Suite 103
Hobbs, New Mexico 88240
505/397-0510
fax 505/393-4388
www.sesi-nm.com

Safety & Environmental Solutions, Inc.

December 22, 1998

DEC 29 [illegible]

Mr. Wayne Price
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Dear Wayne:

This letter will confirm our telephone conversation last week regarding the suspected groundwater contamination at the Scurlock Permian yard in Hobbs, New Mexico. As we discussed, I have enclosed a copy of the Environmental Protection Agency (EPA) Site Inspection Report of Diamond Rental, Inc. dated February 19, 1986.

Diamond Rental, Inc. is located to the north and west of the Scurlock yard. This fact establishes Diamond Rental to be up-gradient from Scurlock as far as ground water is concerned. It is noted on page 8 of the report that "there is clearly ground water contamination here, but it is a regional problem caused by leakage from poorly-constructed oil wells. CERCLA cannot be used against petroleum contaminants. The problem is, however, widespread and serious." It is also noted on the report supplemental sheet that " prior to Larry and Harry Teague purchasing the business in 1979, the State Engineer Office had determined that water from the on-site well was unsuitable for drinking."

This report establishes up-gradient ground water contamination as early as 1979. There has been sufficient time since the report for the contamination to migrate to the Scurlock yard and explain the elevated chloride reading of the sample taken from the Scurlock well on July 18, 1996. The chloride level was reported as 779 ppm by Cardinal Laboratories.

Our conversation also included a request by you that I see if Scurlock would be willing to drill a single monitor well on the up-gradient edge of their property. In light of this report, Scurlock Permian would ask the Oil Conservation Division to require no further expenditures or action concerning this matter.

Mrs. Ann Dean of the City of Hobbs expressed her concern about the hydrocarbon levels in the city water well near the Scurlock property. The chloride levels in this well were not of great concern to the City.

Thank you for your consideration in this matter.

Sincerely,

Bob Allen

Bob Allen REM, CET, CES
President

enclosure

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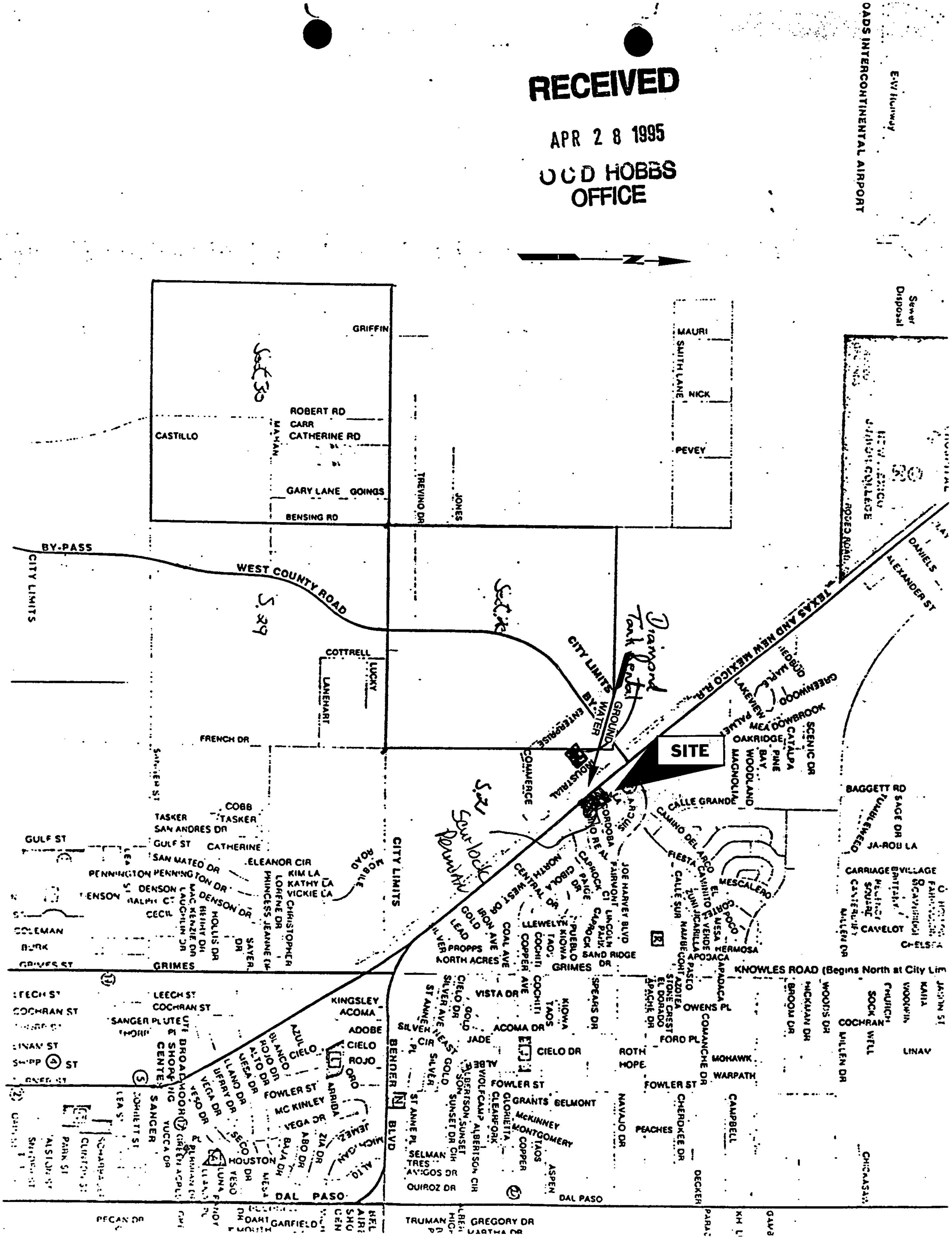

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VI
INTERFIRST TWO BUILDING, 1201 ELM STREET
DALLAS, TEXAS 75270

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March 19, 1986

Mr. Harry Teague
Diamond Rental, Inc.
P.O. Box 5275
Hobbs, New Mexico 88240

Dear Mr. Teague:

Enclosed is a copy of the site inspection report and sample analyses for Diamond Rental, Inc. in Hobbs, New Mexico. This report was prepared by New Mexico Environmental Improvement Division after their site visit on January 23, 1985. When this report was reviewed by our staff, no further action was recommended. If you have any questions about this report, please contact Amy Layne at (214) 767-6417.

Sincerely,

Barry Nash

for Martha M. McKee, Chief
Superfund Site Assessment Section

Enclosure

EPA

POTENTIAL HAZARDOUS WASTE SITE
FINAL STRATEGY DETERMINATION PA/SI

REGION	SITE NUMBER
6	NM01651

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET	
DIAMOND RENTAL, INC.	INDUSTRIAL ROAD.	
C. CITY	**D. STATE**	**E. ZIP CODE**
HOBBS (LEA COUNTY)	NM	88240

II. FINAL DETERMINATION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY: EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED		X			
B. REMEDIAL ACTION NEEDED, BUT NO RESOURCES AVAILABLE (If yes, complete Section III.)					
C. REMEDIAL ACTION (If yes, complete Section IV.)					
D. ENFORCEMENT ACTION (If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)					

E. RATIONALE FOR FINAL STRATEGY DETERMINATION

The 1.5 acre site is an active tank washout/rental facility which has been in operation since 1979. The facility utilized two lined pits for rinsate waters until June 1984. At that time, the pit areas were excavated to 12 ft. and contaminated soils were disposed of offsite. A 165-barrel capacity underground storage tank is presently used for rinsate water disposal. Sample from an onsite well revealed contamination by benzene, toluene, and xylene. Prior to purchasing the facility in 1979, the State Engineer office had determined that the well water was unsuitable for drinking. The contamination is attributable to oil production wells in the area of Hobbs, New Mexico. No further action under CERCLA is warranted. For information regarding contamination of the Ogallala Aquifer in Hobbs, New Mexico, refer to NM01791.

F. IF A CASE DEVELOPMENT PLAN HAS BEEN PREPARED, SPECIFY THE DATE PREPARED (mo., day, & yr.)	G. IF AN ENFORCEMENT CASE HAS BEEN FILED, SPECIFY THE DATE FILED (mo., day, & yr.)
	2/4/86

H. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
Amy Hillsapre 6HES	(214) 767-6417	2/19/86

III. REMEDIAL ACTIONS TO BE TAKEN WHEN RESOURCES BECOME AVAILABLE

List all remedial actions, such as excavation, removal, etc. to be taken as soon as resources become available. See instructions for a list of Key Words for each of the actions to be used in the spaces below. Provide an estimate of the approximate cost of the remedy.

A. REMEDIAL ACTION	B. ESTIMATED COST	C. REMARKS
	$	
	$	
	$	
	$	
	$	
	$	
	$	
	$	
D. TOTAL ESTIMATED COST	$	

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Continue On Reverse

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION	SITE NUMBER (to be assigned by HQ)
VI	NM01651

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET (or other identifier)		
Diamond Rental, Inc,	Industrial Road		
C. CITY	**D. STATE**	**E. ZIP CODE**	**F. COUNTY NAME**
Hobbs	NM	88240	Lea

G. SITE OPERATOR INFORMATION

1. NAME		2. TELEPHONE NUMBER	
Larry and Harry Teague	PRELIMINARY REPORT This does not constitute final opinion of EPA	(505)392-6498	
3. STREET	**4. CITY**	**5. STATE**	**6. ZIP CODE**
P.O.Box 5275	Hobbs	NM	88241

H. REALTY OWNER INFORMATION (if different from operator of site)

1. NAME		2. TELEPHONE NUMBER	
As Above			
3. CITY		**4. STATE**	**5. ZIP CODE**

I. SITE DESCRIPTION: Tank rental business. Tanks are cleaned and rinsed before renting. Wash and rinse fluids have been poured into ~~an~~ unlined pits since 1979 until recently. See Attachment

J. TYPE OF OWNERSHIP — Amy Lowe 2/19/86

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)	B. APPARENT SERIOUSNESS OF PROBLEM
January 30, 1986	☒ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE

C. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
Richard A. Rawlings	(505) 827-2911	January 30, 1986

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION

1. NAME	2. TITLE	
Robert M. Lowy	Program Manager, MSCA PA/SI Program	
3. ORGANIZATION		**4. TELEPHONE NO. (area code & no.)**
NM Environmental Improvement Division		(505) 827-2898

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Tom Burt	NM_EID Hobbs District Office	(505)393-2333

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
Harry Teague	Owner (505)392-6498	Industrial Rd., Hobbs NM 88240
	PRELIMINARY REPORT This does not constitute final opinion of EPA	RECEIVED
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D. GENERATOR INFORMATION *(source of waste)*

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS

G. DATE OF INSPECTION *(mo., day, & yr.)*	H. TIME OF INSPECTION	I. ACCESS GAINED BY: *(credentials must be shown in all cases)*
January 23, 1985	0915 Hrs	[X] 1. PERMISSION [ ] 2. WARRANT

J. WEATHER *(describe)*
Cold 40 degrees F.

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN *(mark 'X')*	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER	X	Scientific Laboratory Division	
b. SURFACE WATER		Health and Environment Dept. 700 Camino de Salud, NE	Attached
c. WASTE		Albuquerque, NM 87106	
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER *(specify)*			

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B. FIELD MEASUREMENTS TAKEN *(e.g., radioactivity, explosivity, PH, etc.)*

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS

Continue On Page 3

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS: None — [ ] a. GROUND [ ] b. AERIAL

2. PHOTOS IN CUSTODY OF:

D. SITE MAPPED?

[X] YES. SPECIFY LOCATION OF MAPS. USGS Topographical Map-West Hobbs -Attached

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 32-44-11 N

2. LONGITUDE (deg.-min.-sec.): 103-09-37 W

V. SITE INFORMATION

A. SITE STATUS

[X] 1. ACTIVE (Those inductrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

[ ] 2. INACTIVE (Those sites which no longer receive wastes.)

[ ] 3. OTHER (specify): _____ (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

[X] 1. NO [ ] 2. YES (specify generator's four-digit SIC Code): 1389

C. AREA OF SITE (in acres): 1.5 acres

D. ARE THERE BUILDINGS ON THE SITE?

[ ] 1. NO [X] 2. YES (specify): Office Bldg- 5400 sq.ft. Steam House- 80 sq.ft.

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
X	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY	X	4. SURFACE IMPOUNDMENT
	5. PIPELINE	X	5. TANK, BELOW GROUND		5. CHEM./PHYS./TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

[ ] 1. STC [ ] 2. INCINERATION [ ] 3. LANDFILL [ ] 4. SURFACE IMPOUNDMENT [ ] 5. DEEP WELL

[ ] 6. CHEM/BIO/PHYS TREATMENT [ ] 7. LANDFARM [ ] 8. OPEN DUMP [ ] 9. TRANSPORTER [ ] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

[X] 1. LIQUID [ ] 2. SOLID [ ] 3. SLUDGE [ ] 4. GAS

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B. WASTE CHARACTERISTICS

[X] 1. CORROSIVE [ ] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE

[X] 5. TOXIC [ ] 6. REACTIVE [ ] 7. INERT [X] 8. FLAMMABLE

[ ] 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Yes. Records of billings for haulage.

2. Estimate the amount *(specify unit of measure)* of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT: 70	AMOUNT: 700-800	AMOUNT:	AMOUNT:	AMOUNT:	AMOUNT:
UNIT OF MEASURE: cu.yds./day	UNIT OF MEASURE: barrels/mo.	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:
[ ] (1) PAINT, PIGMENTS	[ ] (1) OILY WASTES	[ ] (1) HALOGENATED SOLVENTS	[ ] (1) ACIDS	[ ] (1) FLYASH	[X] (1) LABORATORY, PHARMACEUT.
[ ] (2) METALS SLUDGES	[X] (2) OTHER *(specify)*: Washings and rinseate	[ ] (2) NON-HALOGNTD. SOLVENTS	[ ] (2) PICKLING LIQUORS	[ ] (2) ASBESTOS	[ ] (2) HOSPITAL
[ ] (3) POTW		[ ] (3) OTHER *(specify)*:	[ ] (3) CAUSTICS	[ ] (3) MILLING/MINE TAILINGS	[ ] (3) RADIOACTIVE
[ ] (4) ALUMINUM SLUDGE			[ ] (4) PESTICICES	[ ] (4) FERROUS SMELTING WASTES	[ ] (4) MUNICIPAL
[X] (5) OTHER *(specify)*: oily sand from surface impoundment			[ ] (5) DYES/INKS	[ ] (5) NON-FERROUS SMLTG. WASTES	[ ] (5) OTHER *(specify)*:
			[ ] (6) CYANIDE	[ ] (6) OTHER *(specify)*:	
			[ ] (7) PHENOLS		
			[ ] (8) HALOGENS		
			[ ] (9) PCB		
			[ ] (10) METALS		
			[ ] (11) OTHER *(specify)*:		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE *(place in descending order of hazard)*

1. SUBSTANCE	2. FORM *(mark 'X')*			3. TOXICITY *(mark 'X')*				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
Benzene		X		X				71432		
Toluene		X		X				108883		
Xylene		X		X				1330207		
Sulfuric Acid		X		X				7664939		

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

[ ] A. HUMAN HEALTH HAZARDS

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Continued From Page 4

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

☐ C. WORKER INJURY/EXPOSURE

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☒ D. CONTAMINATION OF WATER SUPPLY

Nearby private well owners have complained of foul-tasting water.

☐ E. CONTAMINATION OF FOOD CHAIN

☒ F. CONTAMINATION OF GROUND WATER

Unlined pit was used to receive washings from oil field tanks for 5 years (1979-1984).

☐ G. CONTAMINATION OF SURFACE WATER

VIII. HAZARD DESCRIPTION (continued)

AGE TO FLORA/FAUNA

FISH KILL

J. CONTAMINATION OF AIR

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[X] K. NOTICEABLE ODORS

Oily materials were giving off strong odours.

[X] L. CONTAMINATION OF SOIL

Area under the pit was evacuated to a depth of 12 feet and the soil removed and replaced with clean fill. An underground tank is now used instead of the unlined pit.

[ ] M. PROPERTY DAMAGE

Continue On Page 7

VIII. HAZARD DESCRIPTION (continued)

☐ N. FIRE OR EXPLOSION

☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

☐ P. SEWER, STORM DRAIN PROBLEMS

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☐ Q. EROSION PROBLEMS

☒ R. INADEQUATE SECURITY

Unfenced and unpatrolled.

☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☐ T. UNCONTROLLED DUMPING

☒ U. OTHER (specify):

There is clearly ground water contamination here, but it is a regional problem caused by leakage from poorly-constructed oil wells. CERCLA cannot be used against petroleum contaminants. The problem is,however,widespread and serious

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IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	0	0	0	¼ mile
	200-400	24	15	¼ mile
	Hundreds/day on SR 18			
PUBLIC USE AREAS (schools, hospitals, etc.)	500	3/week	1 school	1-2 miles

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
70-130 ft.	Southeast	Drinking/Commercial
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)**	**F. DIRECTION TO DRINKING WATER SUPPLY**
Specific yield is approx 15%	½ mile	east

G. TYPE OF DRINKING WATER SUPPLY

☒ 1. NON-COMMUNITY < 15 CONNECTIONS* ☒ 2. COMMUNITY (specify town) > 15 CONNECTIONS City of Hobbs

☐ 3. SURFACE WATER ☒ 4. WELL

Continue On Page 9

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')
No records on file at State Engineer Office for domestic wells near the site.				
See Attached List for community drinking water supply wells within 3 miles of the site.				

I. RECEIVING WATER

1. NAME: Ogallala Aquifer

☐ 2. SEWERS ☐ 3. STREAMS/RIVERS ☐ 4. LAKES/RESERVOIRS ☒ 5. OTHER (specify): Ground water

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

Sole source aquifer for large area.

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☐ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☒ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
X	1. SAND	X	Ogallala Formation (Tertiary)		
X	2. CLAY		(Sand, Gravel, caliche)		
X	3. GRAVEL				

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☐ C. HIGH (1000 to 10 cm/sec.)

☐ D. MODERATE (10 to .1 cm/sec.) ☒ E. LOW (.1 to .001 cm/sec.) ☐ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☒ 1. YES ☐ 2. NO 3. COMMENTS:

H. DISCHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE: 0.5%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.: To Southeast

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J. OTHER GEOLOGICAL DATA

Surface drainage is poorly developed.

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X')		
					1. YES	2. NO	3. UNKNOWN
None							

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☒ NONE ☐ YES *(summarize in this space)*

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NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition *(Section II)* information on the first page of this form.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-3.

Corresponding number on form	Additional Remark and/or Explanation
	Diamond Rental Inc. discontinued the use of the two lined?? yes pits for the discharge of tank rinsings in June, 1984. A 165 Barrel capacity tank (below ground) is now used. OCD had suggested the use of a tank because of an odour problem with the pits. The pit areas were excavated to 12 ft.to remove contaminated soil and refilled. Work was done and the contaminated soil disposed of by Belcher Enterprises Tanks are rented to oil companies who use them for storage of oil, production water and drilling mud. Upon return tanks are cleaned with steam/water. Prior to Larry and Harry Teague purchasing the business in 1979, the State Engineer Office had determined that water from the on-site well was unsuitable for drinking. It is currently being used for tank cleaning, toilet facilities and hand washing.

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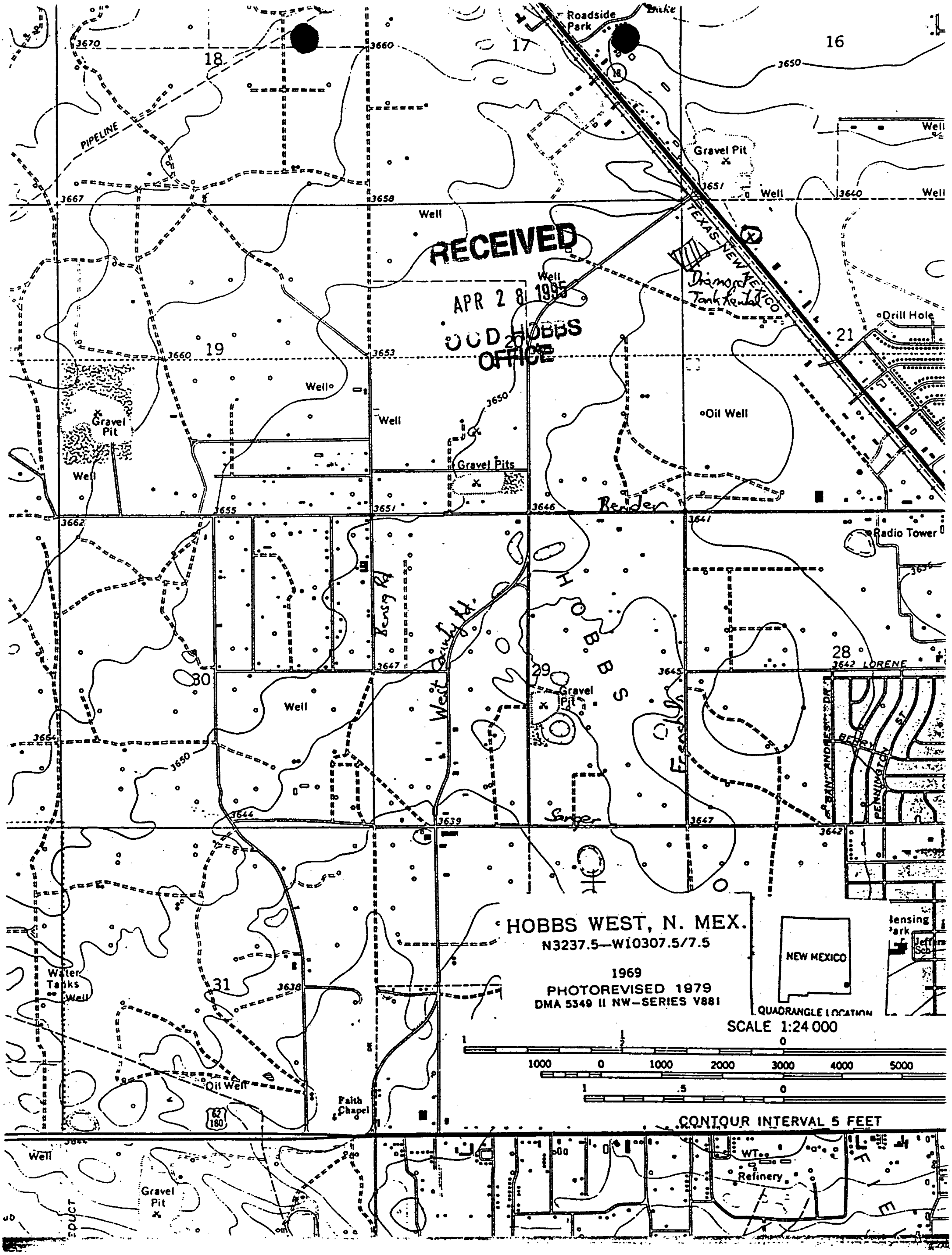

Roadside Park
18
17
16
PIPELINE
Gravel Pit
Well
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TEXAS-NEW MEXICO
Drill Hole
19
20
21
Oil Well
Gravel Pits
Radio Tower
HOBBS
28
LORENE
30
29
31
BERRY
PENNINGTON
SAN ANDRES DR
Water Tanks
Oil Well
Faith Chapel
62
180
WT
Refinery
HOBBS WEST, N. MEX.
N3237.5—W10307.5/7.5
1969
PHOTOREVISED 1979
DMA 5349 II NW—SERIES V881
NEW MEXICO
QUADRANGLE LOCATION
SCALE 1:24 000
1000 0 1000 2000 3000 4000 5000
CONTOUR INTERVAL 5 FEET

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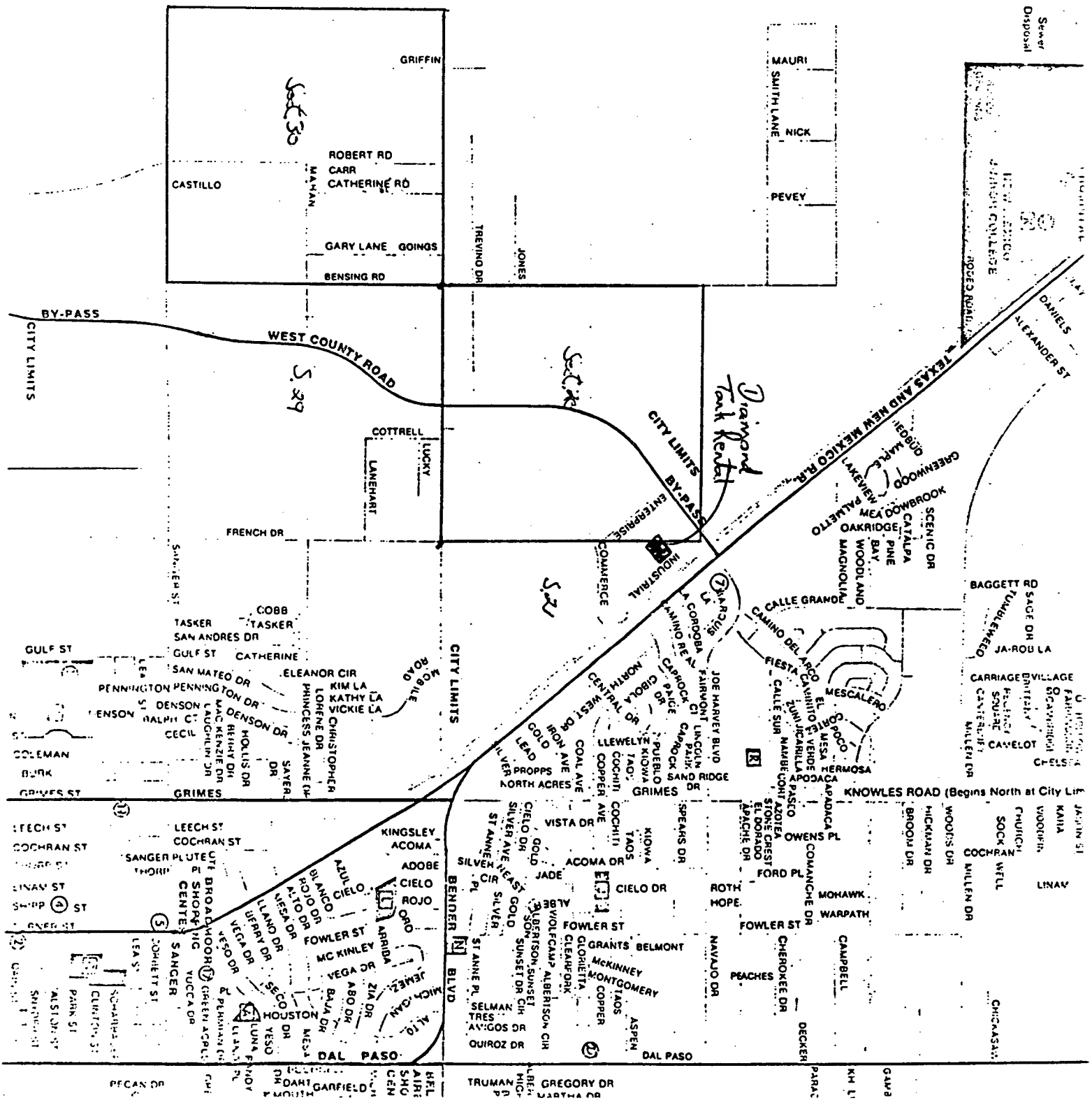

Diamond Tank Rental

time : 1:3● pm 9-23-83.

Complaint : Sami Hightower 3404 Enterprise 392-2557

Location : Diamond Rental

Owner : Teague (Harry). 392-6498

pit size : ± 30' x 50'

material : H2O + petroleum Products

Volume ?

line ?

Secretary : Wilma Van Meter.

Waste Handled by : Chapparral Disposal

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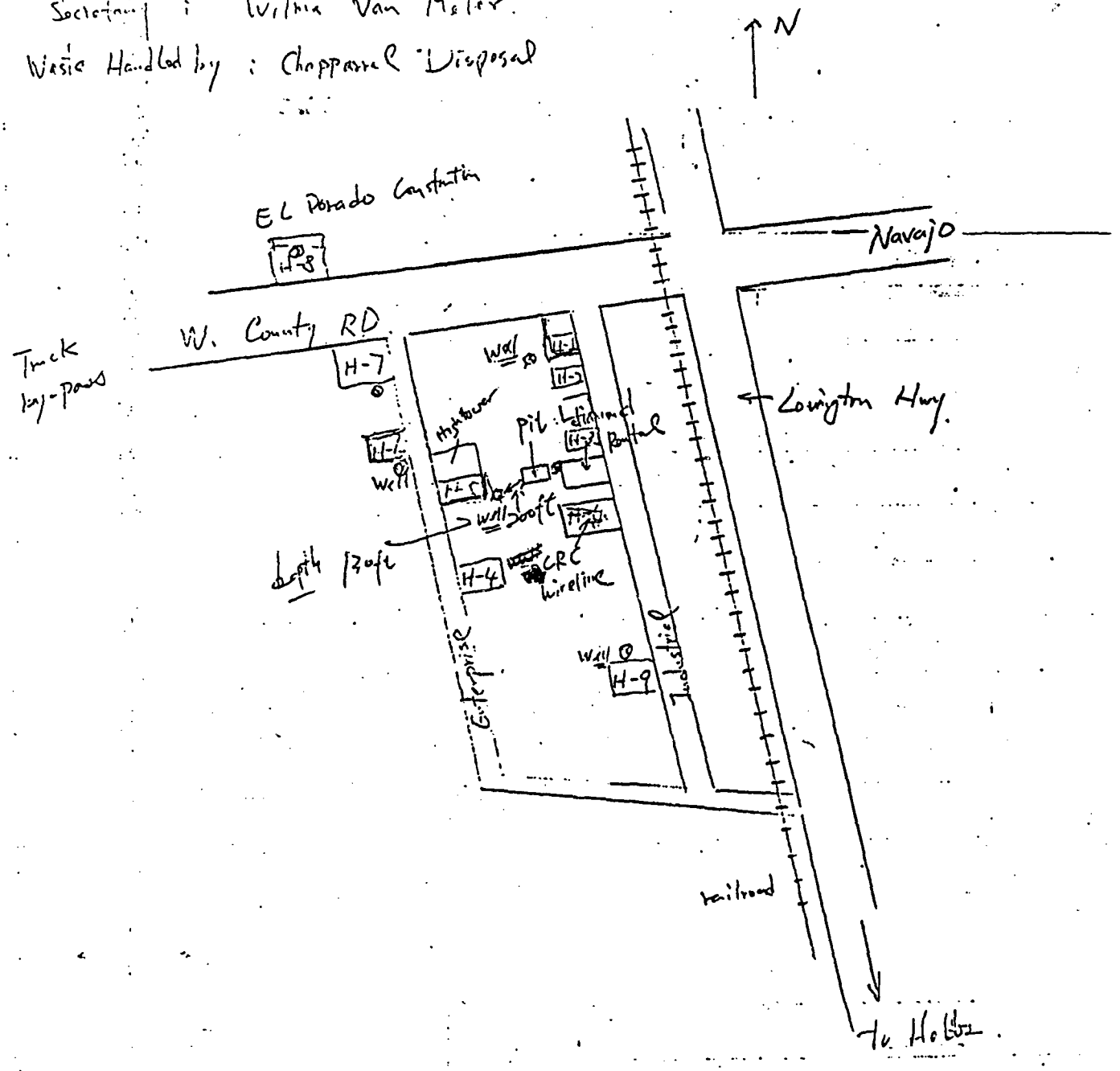

DIAMOND Rental Inc

0915 - Cold ~ 40°.

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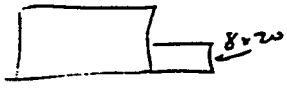
Tom Burt - EID - Hobbs
Robert Lang - EID Santa Fe
Harry Teague - DR Inc
(505) 392-6498
392-7291

- had complaints of lined pit running over - 25-30 ft wide 50 ft long
~JUNE, 1983 - put in steel tanks
- leech detection
- sump pit



- have never rented to anyone outside of oil industry
- tanks to 8x20 pit - liquids to large pit
solids pulled up by backhoe

4 mil x low - plastic } liners
12 mil reinforced plastic }

- 2x per year would suck out ~~large pit~~ large pit + check liner

before Teagues - Larry Hagwer originally owned
Tank farm - cleaned rinsewater to ground.
Falcon lining did DR pit the first time
bought in June, 1978 - that's when lining put in

Diamond Rental Inc
Industrial Ave,
Hobbs, NM 88240

PO Box 5275
88241

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OCD HOBBS OFFICE

lease from Larry + Harry Teague
Star Route H
Box 840
Hobbs, NM 88240

Harry + Larry operate DR Inc. - Started operation in 1978

Oil field rentals including tanks and liners.
Oil Companies store oil, prod. water, muds in tanks at fields. Upon return of tanks, DR rinses tanks w/ steam + water - discharges to 165 bbl steel tank. In the past, DR discharged rinsate to 2 lined pits, 30x50 & 8x20 for separation of fluids from solids. Solids dredged and disposed at City Dump or Eunice Waste dump (PICAVO) Fluids sucked w 2x/year and liner inspected. Pits were discontinued in JUNE, 1984 on advice of OCD. Filled in pits after excavating to 12 feet Belcher Enterprises did the work and disposal of contaminated soil.

Acreage - 1.5
Bldg - Office 5400 sq ft
Steam house - 8x10

2. Type or print with ball point pen. Press hard to make good impressions on all copies.

[redacted]

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Transport by truck.
store in BG. Tank — level w/ ground.
in past used SI
Treat — no treat
in past physical separation fluid from solids
Dispose — no disposal
Liqs + solids (similar)
Records of billings for haulage available
— also, pump is metered + reported (in past) to SEO
Oily Wastes
700-800 bbl / month total rinseate
15,000 gal 33,500 plus residual material from tank — mainly rinseate
in past — ~ 70 cu yds of sand per year from small pit

substances of concern — ~~Oil~~ Crude oil byproducts or products used for well stimulation.
- could be acids
Odors — noticeable odor related to oily materials
Security — no security (no fence or guards)

	# people	# peop w/in area	# bldgs	dist to
Res			see map	1/2 mi
Comm	200-400	24	20 [illegible]	1/4
Public				
Public use	500	3 per wk [illegible]	1 school 1-6 grade	1-2 mi

GW depth ~ 80 ft - 130 ft.

Water used for commercial or industrial use
— wells ~~water~~ (on-site) could never be utilized for drinking. ~~Before~~ when DR bought property, state engineer had already tested the water and found to be non-potable
see records in Roswell Office - SEO

~ 1965/1967 water in area was already ruined

yield — unk - see records
w/in 1/4 mile 3-6 wells

Gal - Ogallala

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Permits

Permit to have oil residue hauled off
- get new permit each time haulage occurs

Remedial

Only activity at suggestion of OCD
Suggested set rid of pits to avoid complaints of odor
Went to tank arrangement.

☆ Talk to Maxine about DP - if they need.

Wastes Landed by:

Belcher — excavation
Rowland (PRAVO)
AA
Steve Carter
Sonny's
Chapperal (PRAVO?)

} liquids

now - Oil Processing
- like general Crude
- South of Monument

ABC
Big Horn — check these guys
unlined, runoff to peoples yards
Two-State — pretty clean

Rhemah went broke — now API
Ted Bonds
Jimmy Curtis

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Rhemah moved to Lovington and are called VENO

~~8501231205~~ 8401231205
Water from sink faucet
Comes from on-site well used for rinse + steam, toilet facilities (to Septic tank) and hand wash.

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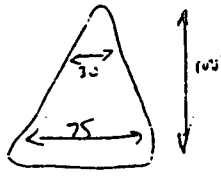
DISCOVER

Waste Products Pit - PRABO
East of Eunice
100' x 200/300' feet² unlined pit
receives wastes from oil industry
ie. produced waters ~~that can't be~~
└ oil can't be recovered
Sanctioned by OCD
discovered by conversation w/ D.R. Inc.
trucks from
Chaparral Service Inc.
Sonnys Oil Field Services
— monitor wells ? around pit
— just west of Wallach's Gravel Yard.

TURNER SLUDGE PIT #1

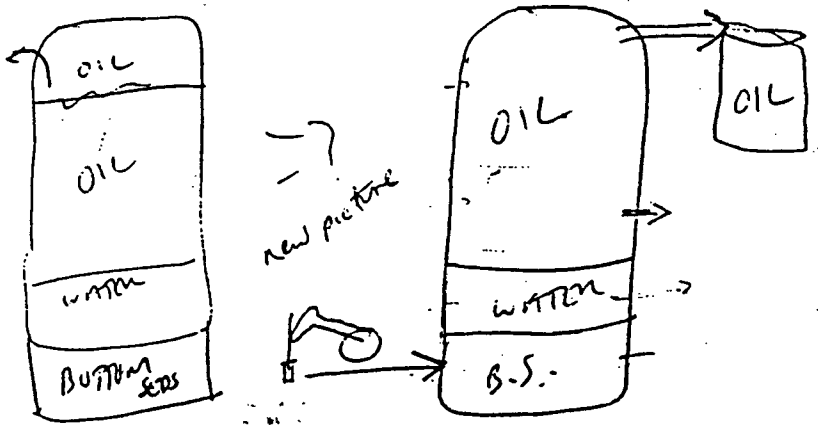
100' x 100' x 10' (?) tank bottom disposal pi
no longer active
unlined

Turner #2



— another smaller sludge pit
— near NB Hunt
Mattie Weatherly
Well #20

PCI Salt Water Disposal



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~10 acres of bottom sed
Laguna Gatuna area on US 62/180
& Nash Draw - TDS >10,000 so can discharge salt water to unlined lake ~ 20-40 acres
Bottom sediments discharged to containment cells; produced waters are drained off and go to lake

DIAMOND RENTAL, INC. SITE SAMPLE ANALYSES

Sampling Location	ON-SITE WELL	ON-SITE WELL	UNLINED PIT (Top Layer of of Liquid)	UNLINED PIT (Lower Layer of Liquid)
Sampling Date	01/23/85	09/30/83	09/30/83	09/30/83
COMPOUNDS ANALYSED:				
Benzene	2.0 ug/l	None Detected	------	7.0 ug/l
Toluene	1.0 ug/l	N.D.	------	1.3 ug/l
EthylBenzene	<1.0 ug/l	N.D.	------	3.0 ug/l
p-Xylene	1.0 ug/l	N.D.	------	<1.0 ug/l
m-Xylene	6.0 ug/l	N.D.	------	9.2 ug/l
o-Xylene	2.0 ug/l	N.D.	------	8.0 ug/l
PAH	N.D.	-----	------	------
Aliphatic Hydrocarbons C9 - C23	-----	------	Detected (See Analysis Sheet)	------
C6 - C14	------	------	------	Detected (See Analysis Sheet)

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REPORT TO: RM Lowry
Ground Water & Hazardous Waste Bureau
Environmental Improvement Division
Health & Environment Department
P.O. Box 968 - Crown Building
Santa Fe, NM 87504-0968

8401231205

NUMBER HM 160
DATE RECEIVED 1/25/85
DATE REPORTED
SLD USER CODE NUMBER (Initials) RML

Well Location Address INDUSTRIAL AVE
Point of Collection HOBBS, NM
Well Owner/User DIAMOND RENTAL INC
Number of People Drinking Water from Well @ 25
Collected JAN 23, 1985 (Date) 12:05 PM (Time) By RM Lowy (Name) NMEID (Agency)
Well Depth from @ 80-130 ft
Water Level 35-50 ft

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pH
Conductivity (Uncorrected) umho/cm
Temperature °C
Conductivity at 25°C umho/cm

Taste? Odor? Color? Collectors Remarks

PROJECT: MSCA PA/SI INSPECTION @ DIAMOND

From ____, A-H_2SO_4 Sample:

- ☐ Nitrate-N+ Nitrite-N ____ mg/l ____
- ☐ Ammonia-N ____ mg/l ____
- ☐ Chemical oxygen demand ____ mg/l ____
- ☐ ____ ____ ____

From 1, A-~~HNO_3~~ H_2SO_4 Sample:

- ☒ ICAP Scan
- ☐ Metals by AA (Specify)

From ____, NA Sample:

Date Analyzed

- ☐ Calcium ____ mg/l ____ VOID
- ☐ Potassium ____ mg/l ____
- ☐ Magnesium ____ mg/l ____
- ☐ Sodium ____ mg/l ____
- ☐ Bicarbonate ____ mg/l ____
- ☐ Chloride ____ mg/l ____
- ☐ Sulfate ____ mg/l ____
- ☐ Total Solids ____ mg/l ____
- ☐ ____ ____

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

NF: Whole sample (no filtration)
F: Filtered in field with 0.45u membrane filter
A-H_2SO_4: Acidified with 2 ml conc H_2SO_4/l — wrong acid for ICP but run anyway
A-HNO_3: Acidified with 5ml conc HNO_3/l
NA: No acid added

Wrong Acid — No Go! DRT

OR 98D

: Environmental Improvement Division
Health & Environment Department
P.O. Box 968 - Crown Building
Santa Fe, New Mexico 87504-0968
ATTENTION: RM Lowy
BUREAU: GW SURVEILLANCE

LABORATORY 1/25/85

LAB NUMBER OR 98A, B, C.

SLD Users Code No.

ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".

CERTIFICATE OF FIELD PERSONNEL

Sample Type: Water ☒ Soil ☐ Other SAMPLE NUMBER DIAMOND 8401231205

Water Supply and/or Code No. DIAMOND RENTAL INC.

City & County INDUSTRIAL ROAD ; HOBBS, NM

Collected (date & time) 1-23-85 12:05 PM By (name) Robert Lowy

pH=_____; Conductivity=_____umho/cm at_____°C; Chlorine Residual=_____

Dissolved Oxygen=_____mg/l; Alkalinity=_____; Flow Rate=_____

Sampling Location, Methods & Remarks (i.e. odors etc.)

From sink faucet - water derived from on-site well
site is @ 1.5-2 mi from NE¼ of sec 30 to NE
T18S R38E Sec 21

I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed Robert M Lowy

I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed TOM BURT - NMEID Hobbs + Carlsbad Office

Method of Shipment to Laboratory OF 3204 - delivered 1-25-85.

THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as: above specimen_____; duplicate_____; triplicate_____; blank(s)_____,
and 1 amber glass jug(s) with teflon-lined cap(s) identified as_____,
and 1 other container(s) (describe) Plastic for heavy metals identified as_____.

Containers are marked as follows to indicate preservation (circle):

NP: No preservation; sample stored at room temperature (~20°C).
P-ICE: Sample stored in an ice bath.
(P-$Na_2O_3S_2$:) Sample preserved with 3 mg $Na_2O_3S_2$/40 ml and stored at room temperature.

CERTIFICATE(S) OF SAMPLE RECEIPT

I (we) certify that this sample was transferred from_____ to_____ at (location)_____ on (date & time)_____ and that the statements in this block are correct.

Disposition of Sample_____. Seal(s) Intact: Yes ☐ No ☐ .

Signature(s)_____

I (we) certify that this sample was transferred from_____ to_____ at (location)_____ on (date & time)_____ and that the statements in this block are correct.

Disposition of Sample_____. Seal(s) Intact: Yes ☐ No ☐ .

Signature(s)_____

RECEIVED
MAY 7 - 1985
LIQUID WASTE/GROUND WATER SURVEILLANCE

ANALYSES REQUESTED LAB. NO. 98

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRE
WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.

QUALITATIVE	QUANTATIVE	PURGEABLE SCREEN	QUALITATIVE	QUANTATIVE	EXTRACTABLES SCREEN
		ALIPHATIC HYDROCARBON SCREEN			ALIPHATIC HYDROCARBONS
	X	AROMATIC HYDROCARBON SCREEN			CHLORINATED HYDROCARBON PESTICIDES
		HALOGENATED HYDROCARBON SCREEN			CHLOROPHENOXY ACID HERBICIDES
	X	GAS CHROMATOGRAPH/MASS SPECTROMETER			HYDROCARBON FUEL SCREEN
					ORGANOPHOSPHATE PESTICIDES
					POLYCHLORINATED BIPHENYLS (PCB's)
				X	POLYNUCLEAR AROMATIC HYDROCARBONS
		SPECIFIC COMPOUNDS			SPECIFIC COMPOUNDS

REMARKS: LOOK FOR ~~CONSTITUENTS~~ COMPOUNDS THAT ARE SOLUBLE CONSTITUENTS OF CRUDE OIL — should be very low concs or ND

ANALYTICAL RESULTS

COMPOUND	CONC-ENTRATION	COMPOUND	CONC-ENTRATION
Benzene	2 ug/l	No PAH's detected (DL=0.04 to 2 ug/l)	?A
Toluene	1 ug/l	RECEIVED	
Ethylbenzene	Trace < 1 ug/l	APR 2 9 1985	
p-Xylene	1 ug/l	OCD HOBBS	
m-Xylene	6 ug/l	OFFICE	
o-Xylene	3 ug/l		
		* DETECTION LIMIT	1 ug/l

REMARKS: Several low molecular weight aliphatics were also detected but not identified or quantitated.

CETRIFICATE OF ANALYTICAL PERSONNEL

Seal(s) Intact: Yes No . Seal(s) Broken by ____________ date ________

I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.

Date(s) of analysis 4/1/85 3/5/85 . Analysts signature [signature] / R Meyerhein

Icertify that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers Signature: R Meyerhein

83-0806-C 10-3-83

REPORT TO: Environmental Improvement Division
Health & Environment Department
P.O. Box 968 - Crown Building
Santa Fe, New Mexico 87504-0968
ATTENTION: McQuillan
BUREAU: Water Pollution

LABORATORY SLD priority #3

LAB NUMBER

ORG 806 A-

SLD Users Code No.

ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".

CERTIFICATE OF FIELD PERSONNEL

Sample Type: Water ☒ Soil ☐ Other

Water Supply and/or Code No. Diamond Tank Rental (water well sample) H-10

City & County Hobbs / Lea

Collected (date & time) 9-30-83 11:15 AM By (name) G. McCasland

pH=_____; Conductivity=_____umho/cm at_____°C; Chlorine Residual=

Dissolved Oxygen=_____mg/l; Alkalinity=_____; Flow Rate=_____

Sampling Location, Methods & Remarks (i.e. odors etc.)

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APR 28 1995
OCD HOBBS OFFICE

I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed G. McCasland

I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed Rolf Kupfer

Method of Shipment to Laboratory_____.

THIS FORM ACCOMPANIES____ septum vials with teflon-lined discs identified as:
specimen_____; duplicate_____; triplicate_____; blank(s)_____,
and_____ amber glass jug(s) with teflon-lined cap(s) identified as_____,
and_____ other container(s) (describe)_____ identified as_____.

Containers are marked as follows to indicate preservation (circle):

NP: No preservation; sample stored at room temperature (~20°C).
P-ICE: Sample stored in an ice bath.
P-$Na_2O_3S_2$: Sample preserved with 3 mg $Na_2O_3S_2$/40 ml and stored at room temperature.

CERTIFICATE(S) OF SAMPLE RECEIPT

I (we) certify that this sample was transferred from_____ to
_____ at (location)_____ on
(date & time)_____ and that the statements in this block are correct.
Disposition of Sample_____. Seal(s) Intact: Yes ☐ No ☐ .
Signature(s)_____ _____

I (we) certify that this sample was transferred from_____ to
_____ at (location)_____ on
(date & time)_____ and that the statements in this block are correct.
Disposition of Sample_____. Seal(s) Intact: Yes ☐ No ☐ .
Signature(s)_____ _____

ANALYSES REQUESTED

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUESTED.

QUALITATIVE	QUANTATIVE	PURGEABLE SCREEN	QUALITATIVE	QUANTATIVE	EXTRACTABLES SCREEN
		ALIPHATIC HYDROCARBON SCREEN			ALIPHATIC HYDROCARBONS
		AROMATIC HYDROCARBON SCREEN			CHLORINATED HYDROCARBON PESTICIDES
		HALOGENATED HYDROCARBON SCREEN			CHLOROPHENOXY ACID HERBICIDES
	X	GAS CHROMATOGRAPH/MASS SPECTROMETER			HYDROCARBON FUEL SCREEN
					ORGANOPHOSPHATE PESTICIDES
					POLYCHLORINATED BIPHENYLS (PCB's)
					POLYNUCLEAR AROMATIC HYDROCARBONS
		SPECIFIC COMPOUNDS			SPECIFIC COMPOUNDS

REMARKS:

ANALYTICAL RESULTS

COMPOUND	CONC-ENTRATION	COMPOUND	CONC-ENTRATIO
		* DETECTION LIMIT	

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APR 28 1995
USD HOBBS OFFICE

REMARKS: [illegible]

CETRIFICATE OF ANALYTICAL PERSONNEL

Seal(s) Intact: Yes No . Seal(s) Broken by _____ date _____

I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.

Date(s) of analysis [illegible]. Analysts signature [illegible]

I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers Signature: L Meyerhen

83-0808-C 10-5-83

REPORT TO: Environmental Improvement Division
Health & Environment Department
P.O. Box 968 - Crown Building
Santa Fe, New Mexico 87504-0968
ATTENTION: McQuillan
BUREAU: Water Pollution

LABORATORY SLD priority #3

LAB NUMBER ORG 808 A+

SLD Users Code No. 59600

ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".

CERTIFICATE OF FIELD PERSONNEL

Sample Type: Water ☐ Soil ☐ Other Waste Fluid

Water Supply and/or Code No. Diamond Tank Rental (Lower level) H-11

City & County Hobbs/Lea

Collected (date & time) 9-30-83 11:20 Am By (name) G. McCasland

pH=_____; Conductivity=_____umho/cm at_____°C; Chlorine Residual=_____

Dissolved Oxygen=_____mg/l; Alkalinity=_____; Flow Rate=_____

Sampling Location, Methods & Remarks (i.e. odors etc.)

RECEIVED
APR 28 1995
OCD HOBBS OFFICE

I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed G. McCasland

I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed Rachel Ruffin

Method of Shipment to Laboratory _____.

THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as:
specimen_____; duplicate_____; triplicate_____; blank(s)_____,
and_____ amber glass jug(s) with teflon-lined cap(s) identified as_____,
and_____ other container(s) (describe)_____ identified as_____.

Containers are marked as follows to indicate preservation (circle):
NP: No preservation; sample stored at room temperature (~20°C).
P-ICE: Sample stored in an ice bath.
P-$Na_2O_3S_2$: Sample preserved with 3 mg $Na_2O_3S_2$/40 ml and stored at room temperature.

CERTIFICATE(S) OF SAMPLE RECEIPT

I (we) certify that this sample was transferred from _____ to _____ at (location)_____ on (date & time)_____ and that the statements in this block are correct.

Disposition of Sample_____. Seal(s) Intact: Yes ☐ No ☐ .

Signature(s)_____ _____

I (we) certify that this sample was transferred from _____ to _____ at (location)_____ on (date & time)_____ and that the statements in this block are correct.

Disposition of Sample_____. Seal(s) Intact: Yes ☐ No ☐ .

Signature(s)_____ _____

ANALYSES REQUESTED

LAB. NO. 026808

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.

QUALITATIVE	QUANTITATIVE	PURGEABLE SCREEN	QUALITATIVE	QUANTITATIVE	EXTRACTABLES SCREEN
		ALIPHATIC HYDROCARBON SCREEN			ALIPHATIC HYDROCARBONS
		AROMATIC HYDROCARBON SCREEN			CHLORINATED HYDROCARBON PESTICIDES
		HALOGENATED HYDROCARBON SCREEN			CHLOROPHENOXY ACID HERBICIDES
	X	GAS CHROMATOGRAPH/MASS SPECTROMETER			HYDROCARBON FUEL SCREEN
					ORGANOPHOSPHATE PESTICIDES
					POLYCHLORINATED BIPHENYLS (PCB's)
					POLYNUCLEAR AROMATIC HYDROCARBONS
		SPECIFIC COMPOUNDS			SPECIFIC COMPOUNDS

RECEIVED
APR 2 0 1995
OCD HOBBS OFFICE

REMARKS:

ANALYTICAL RESULTS

COMPOUND	CONC-ENTRATION	COMPOUND	CONC-ENTRATION
	*		
	*		
	*		
	*		
	*		
	*		
		* DETECTION LIMIT	

REMARKS:

+ Quantitation of water layer

CETRIFICATE OF ANALYTICAL PERSONNEL

Seal(s) Intact: Yes No . Seal(s) Broken by _____ date _____

I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.

Date(s) of analysis 4/18/95. Analysts signature _____

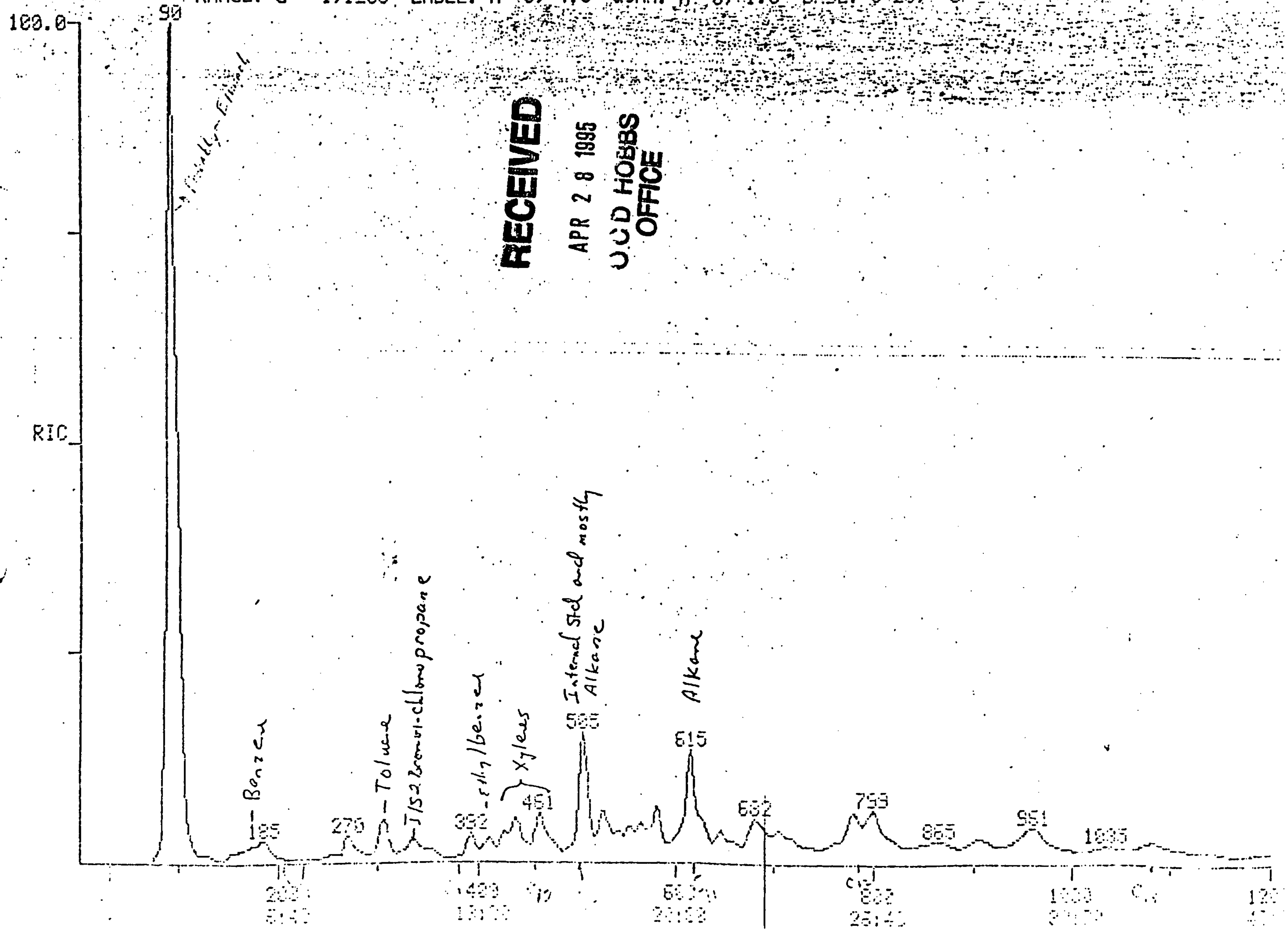
Icertify that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers Signature: _____

RIC
10/05/83 8:42:00
SAMPLE: ORG-808B. 5ML P&T.(I.S. @ 14.1 & 9.89 PPB)
RANGE: G 1,1200 LABEL: N 0, 4.0 QUAN: A 0, 1.0 BASE: U 20, 3

DATA: ORG988 #1
CALI: C100683 #4

SCANS 1 TO 1200

RECEIVED
APR 2 8 1995
OCD HOBBS
OFFICE



REPORT TO: Environmental Improvement Division
Health & Environment Department
P.O. Box 968 - Crown Building
Santa Fe, New Mexico 87504-0968
ATTENTION: McQuillan
BUREAU: Water Pollution

LABORATORY SLD priority #3
LAB NUMBER
ORG 807 AXB
SLD Users Code No. 59600

ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".

CERTIFICATE OF FIELD PERSONNEL

Sample Type: Water ☐ Soil ☐ Other Waste Fluid

Water Supply and/or Code No. Diamond Tank Rental (Top layer) H-12

City & County Hobbs/ Lea

Collected (date & time) 9-30-83 11:25 Am By (name) S. McCasti

pH=_____; Conductivity=_____umho/cm at_____°C; Chlorine Residual=_____

Dissolved Oxygen=_____mg/l; Alkalinity=_____; Flow Rate=_____

Sampling Location, Methods & Remarks (i.e. odors etc.)

RECEIVED
APR 28 1995
OCD HOBBS OFFICE

I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed S. McCasti

I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed Karl Ruffin

Method of Shipment to Laboratory _____.

THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as: specimen_____; duplicate_____; triplicate_____; blank(s)_____, and_____ amber glass jug(s) with teflon-lined cap(s) identified as_____, and_____ other container(s) (describe)_____ identified as_____.

Containers are marked as follows to indicate preservation (circle):

NP: No preservation; sample stored at room temperature (~20°C).

P-ICE: Sample stored in an ice bath.

P-$Na_2O_3S_2$: Sample preserved with 3 mg $Na_2O_3S_2$/40 ml and stored at room temperature.

CERTIFICATE(S) OF SAMPLE RECEIPT

I (we) certify that this sample was transferred from_____ to _____ at (location)_____ on (date & time)_____ and that the statements in this block are correct.

Disposition of Sample_____. Seal(s) Intact: Yes ☐ No ☐ .

Signature(s)_____ _____

I (we) certify that this sample was transferred from_____ to _____ at (location)_____ on (date & time)_____ and that the statements in this block are correct.

Disposition of Sample_____. Seal(s) Intact: Yes ☐ No ☐ .

Signature(s)_____ _____

ANALYSES REQUESTED LAB. NO.: OK6 807

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.

QUALITATIVE	QUANTATIVE	PURGEABLE SCREEN	QUALITATIVE	QUANTATIVE	EXTRACTABLES SCREEN
		ALIPHATIC HYDROCARBON SCREEN		X	ALIPHATIC HYDROCARBONS
		AROMATIC HYDROCARBON SCREEN			CHLORINATED HYDROCARBON PESTICIDES
		HALOGENATED HYDROCARBON SCREEN			CHLOROPHENOXY ACID HERBICIDES
		GAS CHROMATOGRAPH/MASS SPECTROMETER			HYDROCARBON FUEL SCREEN
					ORGANOPHOSPHATE PESTICIDES
					POLYCHLORINATED BIPHENYLS (PCB's)
				X	POLYNUCLEAR AROMATIC HYDROCARBONS
		SPECIFIC COMPOUNDS			SPECIFIC COMPOUNDS

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REMARKS:

ANALYTICAL RESULTS

COMPOUND Normal Hydrocarbons	CONC-ENTRATION PPM	COMPOUND	CONC-ENTRATION
[illegible]	[illegible]	[illegible]	0.04
[illegible]	0.1	PNAs ‡	NOT Anly
[illegible]	[illegible]		* [illegible]
[illegible]	0.2		
[illegible]	0.07		
[illegible]	0.1		
[illegible]	[illegible]	* DETECTION LIMIT	

REMARKS: [illegible]

‡ Not sufficient sample for Polynuclear Aromatic Hydrocarbon Analysis.

CETRIFICATE OF ANALYTICAL PERSONNEL

Seal(s) Intact: Yes No . Seal(s) Broken by ________ date ________.
I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.
Date(s) of analysis [illegible] . Analysts signature [illegible]
Icertify that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers Signature: [illegible]

FROM: COMMUNITY WATER SOURCE LOCATION PROJECT
FINAL REPORT - Sept., 1985

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LEA COUNTY:

PWS#	SYSTEM NAME	SOURCE NAME	DEPTH FT.	LATITUDE	LONGITUDE	SOURCE NUMBER	TOPO MAP
	EPNG - Eunice	L243	UNK	32-40-01	103-19-06	19S.36.13.111	Monument
	EPNG - Eunice	L120	UNK	32-39-23	103-18-24	19S.36.13.441	Monument
	EPNG - Eunice	L244	UNK	32-39-51	103-18-18	19S.36.13.223	Monument
	EPNG - Eunice	L119	UNK	32-39-59	103-18-16	19S.36.13.222	Monument
	EPNG - Eunice	L334	UNK	32-39-55	103-18-08	19S.36.13.224	Monument
	Monument	Well #1	76	32-37-58	103-16-50	19S.37.29.133	Monument
	Monument	Well #2	UNK	32-37-32	103-16-31	19S.37.29.344	Monument
	Monument	Well #3	UNK	32-37-32	103-16-23	19S.37.29.433	Monument
218-13	Lovington	Well #2	260	32-53-25	103-18-10	16S.36.25.424	Lovington
218-13	Lovington	Well #3	100	32-53-05	103-18-03	16S.37.31.111	Lovington
218-13	Lovington	Well #4	225	32-53-15	103-17-38	16S.37.30.343	Lovington
218-13	Lovington	Well #5	235	32-52-50	103-17-38	16S.37.31.142	Lovington
218-13	Lovington	Well #6	104	32-52-40	103-17-31	16S.37.31.322	Lovington
218-13	Lovington	Well #7	220	32-52-59	103-17-05	16S.37.31.224	Lovington
218-13	Lovington	Well #8	249	32-52-24	103-17-09	16S.37.31.441	Lovington
218-13	Lovington	Well #9	260	32-52-59	103-18-17	16S.36.36.223	Lovington
218-13	Lovington	Well #1?	265	32-53-15	103-18-54	16S.36.25.332	Lovington
218-13	Lovington	Well #12	260	32-52-45	103-18-54	16S.36.36.134	Lovington
218-13	Lovington	Well #13	245	32-52-26	103-18-54	16S.36.36.332	Lovington
218-13	Lovington	Well #15	251	32-52-59	103-18-54	16S.36.36.114	Lovington
218-13	Lovington	Well #16	231	32-52-37	103-18-54	16S.36.36.312	Lovington
216-13	Hobbs	Well #1	179	32-46-43	103-12-36	18S.37.01.141	Humble City
216-13	Hobbs	Well #2	207	32-46-39	103-12-31	18S.37.01.143	Humble City
218-13	Hobbs	Well #3	170	32-45-40	103-12-16	18S.37.12.111	Humble City
216-13	Hobbs	Well #4	200	32-45-38	103-11-37	18S.38.07.312	Humble City
216-13	Hobbs	Well #5	169	32-45-41	103-11-24	18S.38.07.322	Humble City
216-13	Hobbs	Well #5a	155	32-42-27	103-08-11	18S.38.34.124	Hobbs West
216-13	Hobbs	Well #9	194	32-42-15	103-07-35	18S.38.35.733	Hobbs West
216-13	Hobbs	Well #10	212	32-42-12	103-07-24	18S.38.35.134	Hobbs East
216-13	Hobbs	Well #11	215	32-43-22	103-07-35	18S.38.35.131	Hobbs West
216-13	Hobbs	Well #12	212	32-42-22	103-07-23	18S.38.35.132	Hobbs East
216-12	Hobbs	Well #14	214	32-42-07	103-07-35	18S.38.35.311	Hobbs West
216-13	Hobbs	Well #15	227	32-43-22	103-07-14	18S.38.26.123	Hobbs East
216-13	Hobbs	Well #16	227	32-42-58	103-06-40	18S.38.26.412	Hobbs East
216-13	Hobbs	Well #17	231	32-42-40	103-06-31	18S.38.25.333	Hobbs East
216-13	Hobbs	Well #18	202	32-43-30	103-07-20	18S.38.23.343	Hobbs East
216-13	Hobbs	Well #19	227	32-43-30	103-06-44	18S.38.26.221	Hobbs East

- [illegible]

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LEA COUNTY:

PWS#	SYSTEM NAME	SOURCE NAME	DEPTH FT.	LATITUDE	LONGITUDE	SOURCE NUMBER	TOPO MAP
216-13	Hobbs	well #20	197	32-43-49	103-07-20	18S.38.23.323	Hobbs East
216-13	Hobbs	well #21	197	32-44-15	103-07-06	18S.38.23.213	Hobbs East
216-13	Hobbs	well #22	221	32-43-49	103-07-35	18S.38.23.313	Hobbs West
216-13	Hobbs	well #23	271	32-44-17	103-07-35	18S.38.23.113	Hobbs West
216-13	Hobbs	well #24	240	32-44-17	103-06-44	18S.38.23.223	Hobbs East
100-13	College Addit.	well #1	100	32-42-43	103-05-52	18S.38.25.443	Hobbs East
100-13	College Addit	well #2	100	32-42-45	103-05-50	18S.38.25.441	Hobbs East
100-13	College Addit	well #3	110	32-42-43	103-05-45	18S.38.25.444	Hobbs East
100-13	College Addit	well #4	150	32-42-40	103-05-52	18S.38.25.443	Hobbs East
100-13	College Addit	well #5	105	32-42-40	103-05-46	18S.38.25.444	Hobbs East
700-13	Blu Quail	well #1	148	32-42-35	103-05-39	18S.39.31.111	Hobbs East
700-13	Blu Quail	well #2	135	32-42-33	103-05-30	18S.39.31.111	Hobbs East
216-13	Hobbs	well #25	188	32-44-08	103-09-12	18S.38.21.[illegible]	[illegible]
216-13	Hobbs	well #26	187	32-44-07	103-08-46	18S.38.21.241	Hobbs West
216-13	Hobbs	well #27	189	32-44-16	103-08-47	18S.38.21.224	Hobbs West
216-13	Hobbs	well #28	221	32-45-48	103-09-47	18S.38.08.244	Humble City
215-13	Eunice	well #1	175	32-42-20	103-41-54	18S.37.36.242	Hobbs West
215-13	Eunice	well #2	180	32-42-26	103-41-54	18S.37.36.244	Hobbs West
215-13	Eunice	well #3	142	32-41-48	103-42-02	19S.37.12.223	Hobbs West
215-13	Eunice	well #4	130	32-40-21	103-42-01	19S.37.12.423	Hobbs West
215-13	Eunice	well #5	200	32-42-13	103-42-34	18S.37.36.321	Hobbs West
577-13	Country Est. MHP	well #1	129	32-46-46	103-08-52	18S.38.04.24[illegible]	Humble City
577-13	Country Est. MHP	well #2	156	32-46-48	103-08-52	18S.38.04.241	Humble City
760-13	Carter Subdivision	well #1	84	32-46-42	103-08-04	18S.38.03.231	Humble City
760-13	Carter Sub.	well #2	120	32-46-42	103-08-03	18S.38.03.231	Humble City
	Homestead Park	well #1	135	32-40-32	103-07-31	19S.38.11.133	Hobbs West
	Homestead Park	well #2	130	32-40-32	103-07-31	19S.38.11.133	Hobbs West
	Continental MHP	well #1	180	32-42-08	103-09-10	18S.38.33.313	Hobbs West
220-13	Tatum	well #1	90	33-15-27	103-19-07	12S.36.20.444	Tatum North
220-13	Tatum	well #2	90	33-15-16	103-18-47	12S.36.28.123	Tatum North
220-13	Tatum	well #3	60	33-15-14	103-18-45	12S.36.28.123	Tatum North
220-13	Tatum	well #4	90	33-15-03	103-18-[illegible]	12S.36.28.233	Tatum North

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LEA COUNTY:

PWS#	SYSTEM NAME	SOURCE NAME	DEPTH FT.	LATITUDE	LONGITUDE	SOURCE NUMBER	TOPO MAP
	EPNG No. 1	CP 486	Unk	32-03-49	103-11-54	265.37.07.211	Jal
	EPNG No. 1	CP 65	Unk	32-03-46	103-11-55	265.37.07.213	Jal
	EPNG. No. 1	CP 57	Unk	32-03-35	103-11-55	265.37.07.233	Jal
	EPNG No. 1	CP 56	Unk	32-03-35	103-12-25	265.37.07.133	Jal
	EPNG No. 1	CP 53	Unk	32-03-34	103-12-26	265.37.07.133	Jal
	EPNG No. 1	CP 54	Unk	32-03-25	103-12-26	265.37.07.311	Jal
	EPNG No. 1	CP 59	Unk	32-03-17	103-12-26	265.37.07.313	Jal
	EPNG No. 1	CP 36	Unk	32-03-16	103-11-54	265.37.07.413	Jal
	EPNG No. 1	CP 64	Unk	32-03-18	103-12-11	265.37.07.323	Jal
	EPNG No. 1	CP 55	Unk	32-03-18	103-11-55	265.37.07.413	Jal
	EPNG No. 3	CP 86	UNK	32-11-37	103-06-31	245.37.25.224	Jal. N.E.
	EPNG No. 3	CP 652	UNK	32-11-32	103-06-42	245.37.25.214	Jal N.E.
	EPNG No. 3	CP 550	UNK	32-11-12	103-07-12	245.37.25.112	Jal N.E.
	EPNG No. 3	CP 87	UNK	32-11-02	103-06-44	245.37.25.452	Jal N.E.
	EPNG No. 3	CP 85	UNK	32-10-22	103-06-31	245.37.36.422	Jal N.E.
	EPNG No. 3	CP 84	UNK	32-10-12	103-06-31	245.37.36.222	Jal N.E.
	EPNG No. 3	CP 51	UNK	32-09-11	103-06-23	255.37.06.353	Jal N.E.
	EPNG No. 3	CP. 4	UNK	32-08-52	103-06-23	255.37.07.131	Jal N.E.
	EPNG No. 3	CP 52	UNK	32-08-30	103-06-23	255.37.07.311	Jal N.E.
	EPNG No. 3	L 120	UNK	32-08-26	103-05-42	255.37.07.432	Jal N.E.
	EPNG No. 3	CP 45	UNK	32-08-58	103-08-55	255.37.10.214	Jal N.W.
	EPNG No. 3	CP 35	UNK	32-08-31	103-09-32	255.37.10.313	Jal N.W.
	EPNG No. 3	CP 46	UNK	32-08-31	103-09-24	255.37.10.314	Jal N.W.
	EPNG No 3	CP 50	UNK	32-08-32	103-08-33	255.37.10.424	Jal N.W.
	EPNG No. 4	CP 37-S-5	UNK	32-16-02	103-13-15	235.36.36.121	Rattlesnake
	EPNG No 4	CP 37-S-6	UNK	32-15-49	103-13-58	235.36.36.231	Rattlesnake
	EPNG No. 4	CP 44	UNK	32-15-40	103-13-14	235.36.36.143	Rattlesnake
	EPNG No. 4	CP 43	UNK	32-15-46	103-12-40	235.36.36.241	Rattlesnake
	EPNG No. 4	CP 88	UNK	32-15-37	103-13-04	235.36.36.411	Rattlesnake
	EPNG No 4	CP 37-S-4	UNK	32-15-30	103-13-07	235.36.36.322	Rattlesnake
	EPNG No. 4	CP 62	UNK	32-15-29	103-13-15	235.36.36.323	Rattlesnake
	EPNG No 4	CP 61	UNK	32-15-29	103-13-58	235.36.36.413	Rattlesnake
	EPNG No 4	CP 37-S-2	UNK	32-15-24	103-12-52	235.36.36.414	Rattlesnake
	EPNG No. 4	CP 497	UNK	32-15-32	103-12-55	235.3636.411	Rattlesnake
	EPNG No. 4	CP 37-S-3	UNK	32-15-25	103-12-52	235.36.36.432	Rattlesnake

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Hobbs

Lea
[redacted] COUNTY:

PWS#	SYSTEM NAME	SOURCE NAME	DEPTH FT.	LATITUDE	LONGITUDE	SOURCE NUMBER	TOPO MAP
217-13	Jal	Well #1	567	32-02-36	103-18-50	26S.36.18.133	Javelina Basin
217-13	Jal	Well #2	650	32-02-15	103-18-36	26S.36.18.334	Javelina Basin
217-13	Jal	Well #3	700	32-01-54	103-18-20	26S.36.19.142	Javelina Basin
217-13	Jal	Well #4	700	32-01-49	103-18-45	26S.36.19.133	Javelina Basin
215-13	Eunice	Well #1	180	32-42-14	103-11-52	18S.37.36.422	Hobbs West
215-13	Eunice	Well #2	175	32-42-27	103-12-04	18S.37.36.241	Hobbs West
215-13	Eunice	Well #3	142	32-40-50	103-12-00	19S.37.12.222	Hobbs West
215-13	Eunice	Well #4	130	32-40-22	103-12-07	19S.37.12.323	Hobbs West
215-13	Eunice	Well #5	189	32-42-12	103-12-11	18S.37.36.321	Hobbs West
215-13	Eunice	Well #6	[illegible]	[illegible]	[illegible]		
215-13	Eunice	Well #7	120	32-35-26	103-10-08	20S.38.08.232	Hobbs SW.
215-13	Eunice	Well #8	122	32-35-26	103-10-14	20S.38.08.231	Hobbs S.W.

Safety & Environmental Solutions, Inc.

June 5, 1998

Mr. Wayne Price
New Mexico Oil Conservation Division
1000 W. Broadway
Hobbs, New Mexico 88240

Dear Wayne:

This letter will address your questions regarding the Scurlock Permian yard on the Lovington Highway as being a possible source of chloride contamination of the City of Hobbs domestic water well located on the south side of Joe Harvey Blvd. and east of the Lovington Highway.

In October 1997, Scurlock Permian removed the underground sump and sand trap located on the facility on the Lovington Highway. All contaminated soil was removed from the site and disposed of properly. The final analytical results from the bottom of each excavation were below regulatory limits for TPH and BTEX. In addition, the soils were analyzed for chloride content and found to range from 32 to 128 ppm.

Mrs. Ann Dean of the City of Hobbs has provided you and I with the analysis from the city water wells. The levels of chloride contamination in these wells is not a problem for the city according to Mrs. Dean, however, other contaminates that are constituents of gasoline are high enough in the wells to cause concern.

Scurlock Permian has never had any underground storage tanks for gasoline or diesel. The contaminates of concern to the city indicate that the source may be gasoline or diesel. In my research of public records, I have discovered that Queen Oil and Gas had a leaking underground storage tank in 1992. The location of this facility is directly up-gradient from the city water wells. In 1997, the City of Hobbs has reported a leaking underground storage tank approximately 400' from the well in question. It appears that one or both of these sites should be investigated as possible sources of the contamination in the city well. I have enclosed copies of the NMED files for both of these site for you inspection.

703 E. Clinton Suite 103
Phone 505/397-0510 *Hobbs, New Mexico 88240* *Fax 505/393-4388*

Safety & Environmental Solutions, Inc.

The Scurlock Permian yard has no other sources of chloride or gasoline contamination on site. In light of Mrs. Dean's negligible concern for the chlorides and the presence of other contaminates, Scurlock Permian feels that no further action should be required regarding this situation.

Sincerely,

Bob Allen REM, CET, CES
President

BA/do

703 E. Clinton Suite 103
Phone 505/397-0510 *Hobbs, New Mexico 88240* *Fax 505/393-4388*

Bill Olson

From: Price, Wayne
Sent: Friday, December 12, 1997 2:25 PM
To: Mark Ashley; Bill Olson; Martyne Kieling
Cc: Chris Williams
Subject: Scurlock Permian -Hobbs Truck yard now DP GW-279

Up-date:

Dear Mark; DP approval conditions item #15 (washwater UST tank and sand trap).
Martyne; Solid waste C-138's.
Bill; Groundwater issue.

Mark: The sand traps and UST (Sump) is now removed and backfilled. SP's consultant ES&S will send closure report to me with findings. I will forward it to you.

Martyne: The two C-138's (3 yd's dated 9-29-97& 100 bbl'sdated 10-13-97) will be amended as follows:

During clean-out & excavation of the sand traps I gave them permission to use knowledge of process since we had analytical already for the sludge & oil in the sand traps. SP/ES&E, & Sundance requested we use these same analyticals for the 3 yds of soil that was generated during the original release of this same material. This C-138 will be amended to include the sand trap sludge and concrete, etc.

During UST removal we approved a C-138 (100 bbls) for the contents of the bottom sludge in this tank. We allowed them to use this analytical for the contaminated soil around the UST, as it was discovered it had leaked. They generated some extra 600 yds of soil. This C-138 will be amended to include this extra 600 yds.

Mark & Martyne: There was some confusion during this project, right after the rain storm that caused the sand traps and UST sumps to overflow, we had them sample this waste. The sludges were non-hazardous. There was only a very thin film of oil still present. Since this oil was what was released we sampled it. It was haz. for benzene & Ign. at that time.

However, SP removed all of the liquid from the traps and ust and placed in a trailer for disposal. This trailer was sampled for full TCLP and was non-haz. It was disposed of out-of-state by SP.

I had SP/S&ES re-sample all of the waste that was going to be disposed of at NMOCD facilities for IGN & Benzene. All samples were NON-Haz.

I ask them to make up a sampling report to show all sampling. I will forward it to you for their file.

Bill Olson: Bill Olson had sent SP a letter dated July 15, 1996 concerning the groundwater and Hobbs nearby water supply well. I have no correspondence where they answered this letter.

Recommendation: After I receive the UST closure document, I will forward this up to Mark. I recommend we ask SP for a plan to investigate the on-site ground water contamination. I can write them a letter and inform them they need to submit a plan to SF our you Guys can do it.

Please let me know!

OIL CONSERVATION DIVISION
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NMOCD INTER-OFFICE CORRESPONDENCE

TO: Bill Olson-NMOCD Hydrogeologist Environmental Bureau.

From: Wayne Price-Environmental Engineer

Date: July 15, 1996

Reference: Request for Analytical information.

Subject: City of Hobbs water well located near the Scurlock-Permian Service Co.

Comments:

Dear Bill,

Please find enclosed the analytical results for the city of Hobbs water well in question.

If you require any further assistance concerning this matter please do not hesitate to call (505-393-6161) or write.

cc: Jerry Sexton-NMOCD District I Supervisor

attachments-1 lot

CITY OF HOBBS
WATER WELL TESTS
RESULTS FROM THE CITY LAB
JUNE 1994

WELL 25

TEST RAN	RESULTS
ACIDITY	- mg/L
ALKALINITY	167.0 mg/L
BICARBONATE	167.0 mg/L
CALCIUM	130 mg/L
CARBONATE	0 mg/L
CHLORIDE	110 mg/L
CHLORINE, TOTAL	0.04 mg/L
COLOR	0 UNITS
CONDUCTIVITY	880 ms
COPPER	0.04 mg/L
DISSOLVED OXYGEN	8.2 mg/L
FLUORIDE	1.07 mg/L
HARDNESS, TOTAL	346.0 mg/L
IRON, TOTAL	0.004 mg/L
MAGNESIUM	52 mg/L

JUL 15 1994
CITY OF HOBBS

WATER WELL TESTS (cont')

WELL 25

TEST RAN	RESULTS
NITRATE	2.70 mg/L
PHOSPHORUS	0.227 mg/L
pH	7.8
SULFATE	140 mg/L
TEMPERATURE	20.5 C
TDS	550 mg/L
TURBIDITY	1.50 FTU

JUL 15 1993
OFFICE

CITY OF HOBBS
WATER WELL TESTS
RESULTS FROM THE CITY LAB
MARCH 1995

WELL 25

TEST RAN	RESULTS
ALKALINITY	164.0 mg/L
BICARBONATE	164.0 mg/L
CALCIUM	90 mg/L
CARBONATE	0 mg/L
CHLORIDE	145 mg/L
CHLORINE, TOTAL	- mg/L
CONDUCTIVITY	850 ms
COPPER	0.13 mg/L
FLUORIDE	1.20 mg/L
HARDNESS, TOTAL	292 mg/L
IRON, TOTAL	0.059 mg/L
MAGNESIUM	52 mg/L
MANGANESE	0.0 mg/L

JUL 15 1993
CITY HOBBS
OFFICE

WATER WELL TESTS (cont')

WELL 25

TEST RAN	RESULTS
NITRATE	3.40 mg/L
PHOSPHORUS	.175 mg/L
pH	7.5
SULFATE	110 mg/L
TEMPERATURE	19.7
TDS	490 mg/L
TURBIDITY	1.01 FTU
SODIUM	61.0

JUL 15 1993
UUU HUBBS
OFFICE

CITY OF HOBBS
WATER WELL TESTS
RESULTS FROM THE CITY LAB
MAY 1996
WELL 25

TEST RAN	RESULTS
ALKALINITY	168.0 mg/L
BICARBONATE	168.0 mg/L
CALCIUM	149 mg/L
CARBONATE	0 mg/L
CHLORIDE	200 mg/L
CHLORINE, TOTAL	- mg/L
CONDUCTIVITY	1200 ms
COPPER	0.03 mg/L
FLUORIDE	1.07 mg/L
HARDNESS, TOTAL	404 mg/L
IRON, TOTAL	0.019 mg/L
MANGANESE	0.0 mg/L

JUL 15 1996
OCD HOBBS
OFFICE

WATER WELL TESTS (cont')

MAY 1996

WELL 25

TEST RAN	RESULTS
NITRATE	2.1 mg.L
PHOSPHORUS	0.151 mg/L
pH	7.7
SULFATE	150 mg/L
TEMPERATURE	18.4
TDS	620 mg/L
SODIUM	83 mg/L

JUL 15 1996
OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

April 8, 1994

Request ID No. 062292

ANALYTICAL REPORT
SLD Accession No. OR-94-0881

Distribution
(x) User 55000
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(X) Client
(x) SLD Files

To: Ann Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Div.
700 Camino de Salud, NE
Albuquerque, NM 87106

Re: **A water, purgeable sample submitted to this laboratory on March 22, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
P.O. Box 965
Las Cruces, NM 88004-0965

Submitter:
Myra Meyers
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 22-Mar-94 *By:* Har . . .
At: 7:45 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Note	PQL	Units
Halogenated Volatiles (42)	0.00	N	0.50	ppb
Benzene	4.90		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:

PQL = Practical Quantitation Level.

A = Approximate Value; N = None Detected above Detection Limit; P = Compound Present, but not quantified;
T = Trace (<Detection Limit); U = Compound Identity Not Confirmed.

Evidentiary Seals: Not Sealed [X]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

Reported compound identities were confirmed by GC/MS.

JUL 15 1996
UUU HOBBS OFFICE

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-94-881

(Continued on page 2.)

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

April 18, 1994

Request ID No. 072380

ANALYTICAL REPORT
SLD Accession No. OR-94-1007

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Div.
700 Camino de Salud, NE
Albuquerque, NM 87106

Re: **A water, purgeable sample submitted to this laboratory on April 5, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
P.O. Box 965
Las Cruces, NM 88004-0965

Submitter:
Myra Meyers
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 4-Apr-94 *By:* Har . . .
At: 8:20 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Note	PQL	Units
Halogenated Volatiles (42)	0.00	N	0.50	ppb
Benzene	2.70		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:

PQL = Practical Quantitation Level.

A = Approximate Value; N = None Detected above Detection Limit; P = Compound Present, but not quantified; T = Trace (<Detection Limit); U = Compound Identity Not Confirmed.

Evidentiary Seals: Not Sealed [☑]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-94-01007

(Continued on page 2.)

JUL 15 1996
HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

June 16, 1994

Request ID No. 062270

ANALYTICAL REPORT
SLD Accession No. OR-94-1553

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on May 18, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
Myra Meyers
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 16-May-94 *By:* Har . . .
At: 8:00 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Note	POL	Units
Benzene	4.00		0.50	ppb
p- & m-Xylene	0.20	T	0.50	ppb
o-Xylene	0.20	T	0.50	ppb
sec-Butylbenzene	0.20	T	0.50	ppb
1,1-Dichloroethene	0.20	T	0.50	ppb
1,1,1-Trichloroethane	0.10	T	0.50	ppb
1,1-Dichloroethane	0.20	T	0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
PQL = Practical Quantitation Level.
A = Approximate Value; N = None Detected above Detection Limit; P = Compound Present, but not quantified;
T = Trace (<Detection Limit); U = Compound Identity Not Confirmed.
Evidentiary Seals: Not Sealed [☑]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

(Continued on page 2.)

JUL 15 1994
OOD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

June 28, 1994

Request ID No. 083070

ANALYTICAL REPORT
SLD Accession No. OR-94-1828

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Ann Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on June 8, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
Myra Meyers
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 6-Jun-94 *By:* Har . . .
At: 8:00 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well #25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Note	PQL	Units
Benzene	0.70		0.50	ppb
Dibromochloromethane	0.60		0.50	ppb
Bromoform	18.90		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
PQL = Practical Quantitation Level.
A = Approximate Value; N = None Detected above Detection Limit; P = Compound Present, but not quantified;
T = Trace (<Detection Limit); U = Compound Identity Not Confirmed.
Evidentiary Seals: Not Sealed [/], Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
Reported compound identities were confirmed by GC/MS.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A

(Continued on page 2.)

JUL 15 1994
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

July 21, 1994

Request ID No. 089941

ANALYTICAL REPORT
SLD Accession No. OR-94-2153

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on July 7, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 6-Jul-94 *By:* Har . . .
At: 7:10 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Note	PQL	Units
Halogenated Volatiles (42)	0.00	N	0.50	ppb
Benzene	6.30		0.50	ppb
1,2,4-Trimethylbenzene	0.50		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
PQL = Practical Quantitation Level.
A = Approximate Value; N = None Detected above Detection Limit; P = Compound Present, but not quantified;
T = Trace (<Detection Limit); U = Compound Identity Not Confirmed.
Evidentiary Seals: Not Sealed [☑]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
Possible trace amounts of p & m xylene at 0.3 ppb, o-xylene at 0.3 ppb and sec-butyl-benzene at 0.4 ppb were detected by the PID.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

(Continued on page 2.)

JUL 15 1994
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

August 23, 1994

Request ID No. 089969

ANALYTICAL REPORT
SLD Accession No. OR-94-2631

Distribution
(x) User 55000
(x) Submitter 68
(x) Client
(x) SLD Files

To: Anne Dean
City of Hobbs
300 N. Turner
Hobbs, NM 87240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on August 11, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 9-Aug-94 *By:* Har . . .
At: 7:40 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Note	POL	Units
Bromoform	1.20		0.50	ppb
sec-Butylbenzene	1.40		0.50	ppb
Benzene	23.00		0.50	ppb
p- & m-Xylene	1.20		0.50	ppb
o-Xylene	0.90		0.50	ppb
1,2,4-Trimethylbenzene	1.30		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:

PQL = Practical Quantitation Level.

A = Approximate Value; N = None Detected above Detection Limit; P = Compound Present, but not quantified; T = Trace (< Detection Limit); U = Compound Identity Not Confirmed.

Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

4 Late eluting peaks in the C3 substituted benzene region at approximate concentrations of 0.5 ppb to 1.0 ppb were detected but not identified by the PID.

(Continued on page 2.)

JUL 15 1994
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

November 3, 1994

Request ID No. 089974

ANALYTICAL REPORT
SLD Accession No. OR-94-2964

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on September 15, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
Myra Meyers
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 13-Sep-94 *By:* Har . . .
At: 7:25 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	MDL	Units
Benzene	11.00		0.50	ppb
p- & m-Xylene	0.60		0.50	ppb
o-Xylene	0.50		0.50	ppb
1,2,4-Trimethylbenzene	0.70		0.50	ppb
Bromoform	3.30		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
Three additional late eluting compounds were observed on the photoionization detector at less than 1 ppb, but not identified.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A

(Continued on page 2.)

JUL 15 1996
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

November 29, 1994

Request ID No. 104173

ANALYTICAL REPORT
SLD Accession No. OR-94-3234

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
City of Hobbs
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on October 12, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
Myra Meyers
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 11-Oct-94 *By:* Har . . .
At: 8:00 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	MDL	Units
Benzene	3.60		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
A possible trace of P&M-xylene at 0.2 ppb, O-xylene at 0.2 ppb and 1,2,4-Trimethylbenzene at 0.3 was observed on the Photoionization detector. A possible trace of 1,1-Dichloroethene at 0.4 ppb, 1,1-Dichloroethane at 0.4 ppb and 1,1,1-Trichloroethane at 0.2 ppb was observed on the Hall detector.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-94-3234

(Continued on page 2.)

JUL 15 1998
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

December 12, 1994

Request ID No. 095136

ANALYTICAL REPORT
SLD Accession No. OR-94-3542

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
City or Hobbs
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on November 9, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 8-Nov-94 *By:* Har . . .
At: 7:50 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	MDL	Units
Halogenated Volatiles	0.00	U	0.50	ppb
Benzene	3.00		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
Possible traces of 1,1-Dichloroethene at 0.1 ppb, o-Xylene at 0.1 ppb, and p/m-Xylene at 0.2 ppb were also observed.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-94-3542
Sample wt/vol: 5.0 (g/mL) mL SLD Batch No: 500
Level: (low/med) Low Date Received: 11/9/94

(Continued on page 2.)

JUL 15 1996
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

January 24, 1995

Request ID No. 104182

ANALYTICAL REPORT
SLD Accession No. OR-94-3795

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on December 6, 1994**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 1-Dec-94 *By:* Har . . .
At: 7:45 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	MDL	Units
Benzene	3.80		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

Possible trace amounts of p & m-Xylene at 0.2 ppb, o-Xylene at 0.2 ppb, 1,2,4-TMBz at 0.3 ppb, sec-ButylBenzene at 0.2 ppb were detected by the PID.

Possible trace amounts of 1,1-DCE at 0.2 ppb, 1,1,1-TCA at 0.2 ppb and 1,1-DCA at 0.4 ppb were detected by the Hall detector.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A

(Continued on page 2.)

JUL 15 1995
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

February 22, 1995

Request ID No. 095097

ANALYTICAL REPORT
SLD Accession No. OR-95-0648

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on January 31, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 30-Jan-95 *By:* Har . . .
At: 7:50 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	MDL	Units
Benzene	2.20		0.50	ppb
Bromoform	3.00		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [x]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-95-0648
Sample wt/vol: 5.0 (g/mL) mL SLD Batch No: 075
Level: (low/med) Low Date Received: 1/31/95
% Moisture: not dec. N/A dec. N/A Date Extracted: N/A

(Continued on page 2.)

JUL 15 1993
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

March 8, 1995

Request ID No. 085778

ANALYTICAL REPORT
SLD Accession No. OR-95-0865

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on February 15, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 14-Feb-95 *By:* Har . . .
At: 7:20 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	MDL	Units
Benzene	0.70		0.50	ppb
Dibromochloromethane	0.50		0.50	ppb
Bromoform	7.40		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [x]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-95-0865
Sample wt/vol: 5.0 (g/mL) mL SLD Batch No: 108
Level: (low/med) Low Date Received: 2/15/95

(Continued on page 2.)

JUL 15 1995
OCD HOBBS OFFICE

STATE OF NEW MEXICO ● ● DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

March 27, 1995

Request ID No. 113988

ANALYTICAL REPORT
SLD Accession No. OR-95-1008

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Harold Wheeler
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on February 24, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 22-Feb-95 *By:* Jac . . .
At: 13:40 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well #25 Source #024
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	MDL	Units
Benzene	2.60		0.50	ppb
Bromoform	3.50		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [T], Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
Possible trace amounts of p & m-Xylene at .1 ppb, o-Xylene at .1 ppb, Isopropylbenzene at .2 ppb, and 1,2,4-Trimethylbenzene at .1 ppb were detected by the photoionization detector.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A

(Continued on page 2.)

JUL 15 1996
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

May 1, 1995

Request ID No. 095104

ANALYTICAL REPORT
SLD Accession No. OR-95-1476

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on March 22, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 21-Mar-95 *By:* Har . . .
At: 7:45 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	POL	Units
Bromoform	0.80		0.50	ppb
Benzene	3.60		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
The reported compound identities were confirmed by GC/MS.

Trace amounts of 1,1-DCE at 0.4 ppb, p&m-Xylene at 0.2 ppb, and 1,2,4-TMBz at 0.2 ppb were detected by GC and confirmed by GC/MS.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-95-1476

(Continued on page 2.)

JUL 15 1996
OCD HOBBS
OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

May 3, 1995

Request ID No. 095113

ANALYTICAL REPORT
SLD Accession No. OR-95-1794

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on April 11, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 6-Apr-95 *By:* Har . . .
At: 9:45 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	POL	Units
Benzene	3.80		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [☑]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

Possible traces of the following compounds were observed:
1,1-Dichloroethene at 0.3 ppb, 1,1-Dichloroethane at 0.2 ppb,
1,1,1-Trichloroethane at 0.1 ppb, p&m-Xylene at 0.2 ppb,
o-Xylene at 0.1 ppb.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A

(Continued on page 2.)

JUL 15 1995
HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

June 2, 1995

Request ID No. 095118

ANALYTICAL REPORT
SLD Accession No. OR-95-2402

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on May 16, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 12-May-95 *By:* Har . . .
At: 7:20 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	POL	Units
Benzene	18.20		0.50	ppb
p- & m-Xylene	0.70		0.50	ppb
o-Xylene	0.50		0.50	ppb
1,2,4-Trimethylbenzene	0.80		0.50	ppb
sec-Butylbenzene	0.60		0.50	ppb
Bromoform	4.50		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓], Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
One late eluting compound in the C3 substituted benzene region was detected at approximately 0.6 ppb by the photoionization detector but was not identified.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

(Continued on page 2.)

JUL 15 1996
OCD HOBBS
OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

July 3, 1995

Request ID No. 128035

ANALYTICAL REPORT
SLD Accession No. OR-95-2857

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on June 15, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 13-Jun-95 *By:* Har . . .
At: 7:15 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	POL	Units
Benzene	6.70		0.50	ppb
1,1-Dichloroethene	0.50		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

A possible trace of p&m-Xylene at 0.3 ppb, o-Xylene at 0.2 ppb and sec-Butylbenzene at 0.3 ppb was observed on the photoionization detector.

A possible trace of 1,1,1-Trichloroethane was observed at 0.2 ppb on the Hall detector.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A

(Continued on page 2.)

JUL 15 1996
OCD HOBBS
OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

August 1, 1995

Request ID No. 128045

ANALYTICAL REPORT
SLD Accession No. OR-95-3305

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on July 13, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 10-Jul-95 *By:* Har . . .
At: 7:05 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	PQL	Units
t-Butylmethylether (MTBE)	5.10		5.00	ppb
Benzene	4.80		1.00	ppb
Bromoform	1.20		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
The reported compound identities were confirmed by GC/MS.

A possible trace of 1,1-DCE was observed at 0.4 ppb.

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A

(Continued on page 2.)

JUL 15 1996
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

September 6, 1995

Request ID No. 128068

ANALYTICAL REPORT
SLD Accession No. OR-95-3725

Distribution
(x) User 55000
(x) Submitter 63
(X) Client
(x) SLD Files

To: Anne Dean
City of Hobbs
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on August 17, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Carlsbad
406 N. Guadalupe St.
Carlsbad, NM 88220

DEMOGRAPHIC DATA

COLLECTION
On: 16-Aug-95 *By:* Har . . .
At: 7:25 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	POL	Units
t-Butylmethylether (MTBE)	17.00		5.00	ppb
Benzene	3.50		0.50	ppb
1,1-Dichloroethene	1.50		0.50	ppb
1,1-Dichloroethane	0.50		0.50	ppb
1,1,1-Trichloroethane	0.80		0.50	ppb
Bromoform	0.70		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [✓]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-95-3725

(Continued on page 2.)

JUL 15 1996
OCD HOBBS OFFICE

STATE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
ORGANIC CHEMISTRY SECTION [505]-841-2570

October 13, 1995

Request ID No. 128069

ANALYTICAL REPORT
SLD Accession No. OR-95-4162

Distribution
(x) User 55000
(x) Submitter 68
(X) Client
(x) SLD Files

To: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

From: Organic Chemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

Re: **A water,Purgeable sample submitted to this laboratory on September 22, 1995**

User:
Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Submitter:
ED Field Office, Hobbs
Suite 165
726 E. Michigan Avenue
Hobbs, NM 88240

DEMOGRAPHIC DATA

COLLECTION
On: 21-Sep-95 *By:* Har . . .
At: 7:15 hrs. *In/Near:* Hobbs

LOCATION
WSS #: 216-13; Well 25
Hobbs Municipal Water Supply

ANALYTICAL RESULTS: SDWA VOC-I [EPA-502.2] Screen {774}

Parameter	Value	Qual	POL	Units
t-Butylmethylether (MTBE)	18.00		5.00	ppb
Benzene	2.70		0.50	ppb
1,1-Dichloroethene	0.70		0.50	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:
Evidentiary Seals: Not Sealed [X]; Intact: No [ ], Yes [ ] & Broken By: _____ Date: _____

Laboratory Remarks:
A possible trace of 1,1,1-TCA at 0.4 ppb was detected by the Hall detector

SAFE DRINKING WATER ACT
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
Matrix: (soil/water) Water Lab Sample ID: OR-95-4162
Sample wt/vol: 5.0 (g/mL) mL SLD Batch No: 500
Level: (low/med) Low Date Received: 9/22/95

(Continued on page 2.)

JUL 15 1996
OCD HOBBS OFFICE

STATE OF NEW MEXICO — DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

WATER SUPPLY SYSTEM (wss): ☑

Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

REQUEST ID No.: 128075
SLD No.: 9504366
RECEIVED AT SLD: 10/11/95
☐ SLD COPY

N.M.E.D. DRINKING WATER BUREAU: ☐

Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

ED FIELD OFFICE: ☐

ED Field Office, Hobbs
726 E. Michigan Ave,Suite 165
Hobbs, NM 88240

SAMPLE COLLECTION DATE: 10/10/95 TIME: 735 BY: Har
SAMPLE LOCATION: Well 25
WSS #: 21613 REPORTING UNITS: ug/L

JUL 15 1995
HOBBS OFFICE

Remarks: Sample marked as: being preserved with Hydrochloric Acid;

EPA METHOD 502.2 SDWA VOLATILES BY GAS CHROMATOGRAHY (PID/ELCD)

DATE EXTRACTED: N/A
DATE ANALYZED: 10/22/95 12 Days: Within EPA Analysis Time
SAMPLE VOL (ml): 5
0

ANALYSIS No.: OR- 9504366
SLD BATCH No.: 540
DILUTION FACTOR: 1.00
REQUEST ID No.: 128075

SAMPLE PRESERVATION: Sample Temperature when received: 13 Degrees C.; pH = 2

CAS #	ANALYTE NAME	CONC. (ug/L)	QUAL.	SDL	MCL
71-43-2	Benzene	** 14		0.50	5
108-86-1	Bromobenzene		U	0.50	
74-97-5	Bromochloromethane		U	0.50	
75-27-4	Bromodichloromethane*		U	0.50	80
75-25-2	Bromoform*		U	0.50	80
24-83-9	Bromomethane		U	0.50	
78-93-3	2-Butanone (MEK)		U	5.00	
104-51-8	n-Butylbenzene		U	0.50	
135-98-8	sec-Butylbenzene		U	0.50	
98-06-6	tert-Butylbenzene		U	0.50	
1634-04-4	tert-Butyl methyl ether (MTBE)	3.4	J	5.00	
56-23-5	Carbon tetrachloride		U	0.50	5
108-90-7	Chlorobenzene (monochlorobenzene)		U	0.50	100
75-00-3	Chloroethane		U	0.50	
67-66-3	Chloroform*		U	0.50	80
74-87-3	Chloromethane		U	0.50	
95-49-8	2-Chlorotoluene		U	0.50	
106-43-4	4-Chlorotoluene		U	0.50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	0.50	0.2
124-48-1	Dibromochloromethane*		U	0.50	80
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	0.50	0.05
74-95-3	Dibromomethane		U	0.50	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)		U	0.50	600
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)		U	0.50	600
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)		U	0.50	75
75-71-8	Dichlorodifluoromethane		U	0.50	
75-34-3	1,1-Dichloroethane		U	0.50	
107-06-2	1,2-Dichloroethane		U	0.50	5

STATE OF NEW MEXICO 20978 EPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

SLD No.: OR- 9601369

REQUEST ID No.: 90011

RECEIVED AT SLD: 4/11/96

☐ SLD COPY USER 55000

ED FIELD OFFICE: ☐

ED Field Office, Hobbs
726 E. Michigan Ave,Suite 165
Hobbs, NM 88240

☐ N.M.E.D. DRINKING WATER BUREAU

Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

SAMPLE COLLECTION: DATE: 4/9/96 TIME: 705 BY: Har

SAMPLING LOCATION: Well 25

WSS #: 21613 REPORTING UNITS: ug/L

JUL 5 1996 HOBBS OFFICE

Remarks: Sample marked as: being preserved with Hydrochloric Acid;
Reported compounds were confirmed by GC/MS analysis.

EPA METHOD 502.2 SDWA VOLATILES BY GAS CHROMATOGRAHY (PID/ELCD)

DATE EXTRACTED: N/A

DATE ANALYZED: 4/17/96 8 Days: Within EPA Analysis Time

SAMPLE VOL (ml): 5

0

ANALYSIS No.: OR- 9601369

SLD BATCH No.: 185

DILUTION FACTOR: 1.00

REQUEST ID No.: 90011

SAMPLE PRESERVATION: **Sample Temperature when received: 12 Degrees C.; pH = 4**

CAS #	ANALYTE NAME	CONC. (ug/L)	QUAL.	SDL	MCL
71-43-2	Benzene	4.3		0.50	5
108-86-1	Bromobenzene		U	0.50	
74-97-5	Bromochloromethane		U	0.50	
75-27-4	Bromodichloromethane*		U	0.50	80
75-25-2	Bromoform*	0.9		0.50	80
24-83-9	Bromomethane		U	0.50	
78-93-3	2-Butanone (MEK)		U	5.00	
104-51-8	n-Butylbenzene		U	0.50	
135-98-8	sec-Butylbenzene		U	0.50	
98-06-6	tert-Butylbenzene		U	0.50	
1634-04-4	tert-Butyl methyl ether (MTBE)	33		5.00	
56-23-5	Carbon tetrachloride		U	0.50	5
108-90-7	Chlorobenzene (monochlorobenzene)		U	0.50	100
75-00-3	Chloroethane		U	0.50	
67-66-3	Chloroform*		U	0.50	80
74-87-3	Chloromethane		U	0.50	
95-49-8	2-Chlorotoluene		U	0.50	
106-43-4	4-Chlorotoluene		U	0.50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	0.50	0.2
124-48-1	Dibromochloromethane*		U	0.50	80
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	0.50	0.05
74-95-3	Dibromomethane		U	0.50	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)		U	0.50	600
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)		U	0.50	600
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)		U	0.50	75
75-71-8	Dichlorodifluoromethane		U	0.50	
75-34-3	1,1-Dichloroethane		U	0.50	
107-06-2	1,2-Dichloroethane		U	0.50	5
75-35-4	1,1-Dichloroethene	1.2		0.50	7
156-59-2	cis-1,2-Dichloroethene		U	0.50	70
156-60-5	trans-1,2-Dichloroethene		U	0.50	

STATE OF NEW MEXICO — DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT:

Attn: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

SLD No.: OR- 9601712

REQUEST ID No.: 161582
RECEIVED AT SLD: 5/10/96
☐ SLD COPY USER 55000

ED FIELD OFFICE: ☐

ED Field Office, Hobbs
726 E. Michigan Ave,Suite 165

Hobbs, NM 88240

☐ N.M.E.D. DRINKING WATER BUREAU

Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

SAMPLE COLLECTION: DATE: 5/7/96 TIME: 645 BY: Har

SAMPLING LOCATION: Well 25

WSS #: 21613 REPORTING UNITS: ug/L

JUL 15 1996 HOBBS OFFICE

Remarks: Sample marked as: being preserved with Hydrochloric Acid;

EPA METHOD 502.2 SDWA VOLATILES BY GAS CHROMATOGRAHY (PID/ELCD)

DATE EXTRACTED: N/A
DATE ANALYZED: 5/19/96 12 Days: Within EPA Analysis Time
SAMPLE VOL (ml): 5
0

ANALYSIS No.: OR- 9601712
SLD BATCH No.: 248
DILUTION FACTOR: 1.00
REQUEST ID No.: 161582

SAMPLE PRESERVATION: **Sample Temperature when received: 12 Degrees C.; pH = 0**

CAS #	ANALYTE NAME	CONC. (ug/L)	QUAL	SDL	MCL
71-43-2	Benzene	** 18		0.50	5
108-86-1	Bromobenzene		U	0.50	
74-97-5	Bromochloromethane		U	0.50	
75-27-4	Bromodichloromethane*		U	0.50	80
75-25-2	Bromoform*	4.8		0.50	80
24-83-9	Bromomethane		U	0.50	
78-93-3	2-Butanone (MEK)		U	5.00	
104-51-8	n-Butylbenzene		U	0.50	
135-98-8	sec-Butylbenzene		U	0.50	
98-06-6	tert-Butylbenzene		U	0.50	
1634-04-4	tert-Butyl methyl ether (MTBE)		U	5.00	
56-23-5	Carbon tetrachloride		U	0.50	5
108-90-7	Chlorobenzene (monochlorobenzene)		U	0.50	100
75-00-3	Chloroethane		U	0.50	
67-66-3	Chloroform		U	0.50	80
74-87-3	Chloromethane		U	0.50	
95-49-8	2-Chlorotoluene		U	0.50	
106-43-4	4-Chlorotoluene		U	0.50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	0.50	0.2
124-48-1	Dibromochloromethane*		U	0.50	80
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	0.50	0.05
74-95-3	Dibromomethane		U	0.50	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)		U	0.50	600
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)		U	0.50	600
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)		U	0.50	75
75-71-8	Dichlorodifluoromethane		U	0.50	
75-34-3	1,1-Dichloroethane		U	0.50	
107-06-2	1,2-Dichloroethane		U	0.50	5
75-35-4	1,1-Dichloroethene		U	0.50	7

STATE OF NEW MEXICO — DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
[505] 841-2500

ORGANIC CHEMISTRY SECTION [505] 841-2570

REPORT TO CLIENT: ☐

Attn: Anne Dean
Hobbs Municipal Water Supply
300 N. Turner
Hobbs, NM 88240

SLD No.: OR- 9601977
REQUEST ID No.: 161586
RECEIVED AT SLD: 6/12/96
☐ SLD COPY USER 55000

ED FIELD OFFICE: ☐

ED Field Office, Hobbs
726 E. Michigan Ave,Suite 165
Hobbs, NM 88240

☐ N.M.E.D. DRINKING WATER BUREAU

Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

SAMPLE COLLECTION: DATE: 6/11/96 TIME: 800 BY: Har

SAMPLING LOCATION: Well 25

WSS #: 21613 REPORTING UNITS: ug/L

JUL 15 1996
OCD HOBBS OFFICE

Remarks: Sample marked as: being preserved with Hydrochloric Acid;

EPA METHOD 502.2 SDWA VOLATILES BY GAS CHROMATOGRAHY (PID/ELCD)

DATE EXTRACTED: N/A
DATE ANALYZED: 6/15/96 4 Days: Within EPA Analysis Time
SAMPLE VOL (ml): 5
0

ANALYSIS No.: OR- 9601977
SLD BATCH No.: 276
DILUTION FACTOR: 1.00
REQUEST ID No.: 161586

SAMPLE PRESERVATION: Sample Temperature when received: 6 Degrees C.; pH = 3

CAS #	ANALYTE NAME	CONC. (ug/L)	QUAL.	SDL	MCL
71-43-2	Benzene	** 7.6		0.50	5
108-86-1	Bromobenzene		U	0.50	
74-97-5	Bromochloromethane		U	0.50	
75-27-4	Bromodichloromethane*		U	0.50	80
75-25-2	Bromoform*		U	0.50	80
24-83-9	Bromomethane		U	0.50	
78-93-3	2-Butanone (MEK)		U	5.00	
104-51-8	n-Butylbenzene		U	0.50	
135-98-8	sec-Butylbenzene		U	0.50	
98-06-6	tert-Butylbenzene		U	0.50	
1634-04-4	tert-Butyl methyl ether (MTBE)	20		5.00	
56-23-5	Carbon tetrachloride		U	0.50	5
108-90-7	Chlorobenzene (monochlorobenzene)		U	0.50	100
75-00-3	Chloroethane		U	0.50	
67-66-3	Chloroform*		U	0.50	80
74-87-3	Chloromethane		U	0.50	
95-49-8	2-Chlorotoluene		U	0.50	
106-43-4	4-Chlorotoluene		U	0.50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	0.50	0.2
124-48-1	Dibromochloromethane*		U	0.50	80
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	0.50	0.05
74-95-3	Dibromomethane		U	0.50	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)		U	0.50	600
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)		U	0.50	600
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)		U	0.50	75
75-71-8	Dichlorodifluoromethane		U	0.50	
75-34-3	1,1-Dichloroethane		U	0.50	

STATE OF NEW MEXICO DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700

700 Camino de Salud, NE
(505) 841-2500

ORGANIC CHEMISTRY SECTION (505) 841-2570

REPORT TO CLIENT: ☐

Attn: Anne Dean
City of Hobbs
300 N. Turner
Hobbs, NM 88240

SLD No.: OR-9602212

REQUEST ID No.: 164383

7/9/96 6/7/96

SLD COPY USER 55000

ED FIELD OFFICE: ☐

ED District Office #4/Hobbs
726 E. Michigan Ave.
Suite 165
Hobbs, NM 88240

☐ N.M.E.D. DRINKING WATER BUREAU

Richard Asbury
Drinking Water Bureau
NM-ED Dist. #3 Office
1001 N. Solano Drive
Las Cruces, NM 88001

Post-it® brand fax transmittal memo 7671 | # of pages ▸ 3
To: Buckelew / NMED
Fax #: Priority 2 1/2 ...
From: SLD

SAMPLE COLLECTION: DATE: 7/8/96 TIME: 940 BY: Har
SAMPLING LOCATION: Well #25
WSS #: 21519 REPORTING UNITS: ug/L

Remarks: Sample marked as: being preserved with Hydrochloric Acid: Priority 2

RECEIVED JUL 12 1996 HOBBS OFFICE

JUL 15 1996 NMED HOBBS OFFICE

EPA METHOD 502.2 SDWA VOLATILES BY GAS CHROMATOGRAPHY (PID/ELCD)

DATE EXTRACTED: N/A
DATE ANALYZED: 7/9/96 1 Days; Within EPA Analysis Time
SAMPLE VOL (ml): 5

ANALYSIS No.: OR-9602212
SLD BATCH No.: 317
DILUTION FACTOR: 1.00
REQUEST ID No.: 164383

SAMPLE PRESERVATION: Sample Temperature when received: 12 Degrees C.; pH = 6

CAS #	ANALYTE NAME	CONC. (ug/L)	QUAL	SQL	MCL
71-43-2	Benzene	** 6.6		0.50	5
108-86-1	Bromobenzene		U	0.50	
74-97-5	Bromochloromethane		U	0.50	
75-27-4	Bromodichloromethane*		U	0.50	80
75-25-2	Bromoform*		U	0.50	80
74-83-9	Bromomethane		U	0.50	
78-93-3	2-Butanone (MEK)		U	5.00	
104-51-8	n-Butylbenzene		U	0.50	
135-98-8	sec-Butylbenzene		U	0.50	
98-06-6	tert-Butylbenzene		U	0.50	
1634-04-4	tert-Butyl methyl ether (MTBE)	21.0		5.00	
56-23-5	Carbon tetrachloride		U	0.50	5
108-90-7	Chlorobenzene (monochlorobenzene)		U	0.50	100
75-00-3	Chloroethane		U	0.50	
67-66-3	Chloroform*		U	0.50	80
74-87-3	Chloromethane		U	0.50	
95-49-8	2-Chlorotoluene		U	0.50	
106-43-4	4-Chlorotoluene		U	0.50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		U	0.50	0.2
124-48-1	Dibromochloromethane*		U	0.50	80
106-93-4	1,2-Dibromoethane (Ethylene dibromide (EDB))		U	0.50	0.05
74-95-3	Dibromomethane		U	0.50	
95-50-1	1,2-Dichlorobenzene (o-Dichlorobenzene)		U	0.50	600
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)		U	0.50	600
106-46-7	1,4-Dichlorobenzene (p-Dichlorobenzene)		U	0.50	75
75-71-8	Dichlorodifluoromethane		U	0.50	
75-34-3	1,1-Dichloroethane		U	0.50	
107-06-2	1,2-Dichloroethane		U	0.50	5
75-35-4	1,1-Dichloroethene	0.5		0.50	7
156-59-2	cis-1,2-Dichloroethene		U	0.50	70
156-60-5	trans-1,2-Dichloroethene		U	0.50	100
78-87-5	1,2-Dichloropropane		U	0.50	5

6.6
21.0
0.5

Bill Olson

From: Wayne Price
Sent: Tuesday, July 16, 1996 10:01 AM
To: Bill Olson
Cc: Jerry Sexton
Subject: City of Hobbs water well #25 analytical data
Importance: High

I drop the results in the mail today, let me know if you need any others.

Bill Olson

From: Wayne Price
Sent: Tuesday, July 16, 1996 2:15 PM
To: Bill Olson; Mark Ashley; Roger Anderson
Cc: Jerry Sexton
Subject: Scurlock-Permian
Importance: High

To: Environmental Staff

Richard Lentz delivered the analytical results for the sump waste.

The Oil is hazardous by Benzene and Ignitability. The sump sludge is non-hazardous.
I will fax you the analyticals today.

I advised Mr. Lentz to call the NMED (haz. waste) concerning the material that is hazardous, I provided him the NMED telephone number. Since this is a service co. I am advising him to call NMOCD Santa Fe (Mark Ashley) on the proper disposal of the non-hazardous oilfield service co. waste.

Scurlock has a trailer full of waste water (approx. 150 bbls) that they would like to dispose of so they can free up the trailer. They also have the sludge, and contaminated soil to dispose of.

Please let me know how I can be of assistance to you.

DATE: 7/16/96

To ROGER ANDERSON / MARK ASHLEY
NMOCD

From

WAYNE PRICE - ENVIRONMENTAL ENGR. - NM.O.C.D. DISTRICT I

Energy & Minerals Department

Telephone Number 505-393-6161 FAX # 505-393-0720

- ☐ For Your Files
- ☐ Prepare a Reply for My Signature
- ☐ For Your Review and Return
- ☐ For Your Information
- ☒ For Your Handling
- ☐ For Your Approval
- ☐ As Per Your Request
- ☐ For Your Signature
- ☒ Please Advise
- ☒ For Your Attention

SCURLOCK- PERMIAN WASTE
ANALYTICAL RESULTS

TOTAL PAGES (10)

Wayne Price

From: Wayne Price
To: Roger Anderson; Mark Ashley; Bill Olson
Cc: Jerry Sexton
Subject: Scurlock-Permian
Date: Tuesday, July 16, 1996 2:15PM
Priority: High

To: Environmental Staff

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Please let me know how I can be of assistance to you.

CARDINAL LABORATORIES

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-1
Sample ID: OIL (LIQUID)

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: LIQUID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2571-1	Method Blank	QC	%IA	True Value QC
Vinyl Chloride	0.20	<0.5	<0.002	0.094	94	0.100
1,1-Dichloroethylene	0.70	<0.5	<0.002	0.090	90	0.100
Methyl Ethyl Ketone	200.00	<2.5	<0.002	0.111	111	0.100
Chloroform	6.00	<0.5	<0.002	0.100	100	0.100
1,2-Dichloroethane	0.50	<0.5	<0.002	0.103	103	0.100
Benzene	0.50	49.3	<0.002	0.105	105	0.100
Carbon Tetrachloride	0.50	<0.5	<0.002	0.097	97	0.100
Trichloroethylene	0.50	<0.5	<0.002	0.096	96	0.100
Tetrachloroethylene	0.70	<0.5	<0.002	0.093	93	0.100
Chlorobenzene	100.00	<2.5	<0.002	0.101	101	0.100
1,4-Dichlorobenzene	7.50	<0.5	<0.002	0.099	99	0.100

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Dibromofluoromethane	101	7
Toluene-d8	88	16
Bromofluorobenzene	92	6

METHODS: EPA SW 846-8260

Ignitability: 100 deg. F

METHODS: EPA SW 846-1010

Burgess J. A. Cooke, Ph. D.

7/9/96
Date

@ 11:00 AM
JUL 16 1996
OCD HOBBS OFFICE

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-1
Sample ID: OIL (LIQUID)

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: LIQUID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2571-1	Method Blank	QC	%Recov.	True Value QC
Pyridine	5.00	<100	<0.002	0.071	71	0.100
1,4-Dichlorobenzene	7.50	<100	<0.002	0.101	101	0.100
o-Cresol	200	<100	<0.002	0.107	107	0.100
m, p-Cresol	200	<100	<0.004	0.208	104	0.200
Hexachloroethane	3.00	<100	<0.002	0.098	98	0.100
Nitrobenzene	2.00	<100	<0.002	0.118	118	0.100
Hexachloro-1,3-butadiene	0.500	<100	<0.002	0.110	110	0.100
2,4,6-Trichlorophenol	2.00	<100	<0.002	0.090	90	0.100
2,4,5-Trichlorophenol	400	<100	<0.002	0.082	82	0.100
2,4-Dinitrotoluene	0.130	<100	<0.002	0.134	134	0.100
Hexachlorobenzene	0.130	<100	<0.002	0.112	112	0.100
Pentachlorophenol	100	<100	<0.002	0.109	109	0.100

	% RECOVERY
Fluorophenol	78
Phenol-d5	87
Nitrobenzene-d5	97
2-Fluorobiphenyl	86
2,4,6-Tribromophenol	*MI
Terphenyl-d14	93

METHODS: EPA SW 846-8270
MI - Matrix Interference

JUL 16 1996
OCD HOBBS OFFICE

Burgess J.A. Cooke, Ph. D.

7/9/96
Date

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-2
Sample ID: SLUDGE

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2571-2	Method Blank	QC	%IA	True Value QC
Vinyl Chloride	0.20	<0.10	<0.002	0.094	94	0.100
1,1-Dichloroethylene	0.70	<0.05	<0.002	0.090	90	0.100
Methyl Ethyl Ketone	200.00	<0.50	<0.002	0.111	111	0.100
Chloroform	6.00	<0.05	<0.002	0.100	100	0.100
1,2-Dichloroethane	0.50	<0.05	<0.002	0.103	103	0.100
Benzene	0.50	0.19	<0.002	0.105	105	0.100
Carbon Tetrachloride	0.50	<0.05	<0.002	0.097	97	0.100
Trichloroethylene	0.50	<0.05	<0.002	0.096	96	0.100
Tetrachloroethylene	0.70	<0.05	<0.002	0.093	93	0.100
Chlorobenzene	100.00	<0.05	<0.002	0.101	101	0.100
1,4-Dichlorobenzene	7.50	<0.05	<0.002	0.099	99	0.100

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Dibromofluoromethane	107	7
Toluene-d8	104	16
Bromofluorobenzene	98	6

METHODS: EPA SW 846-8260

Ignitability: Nonflammable

METHODS: EPA SW 846-1030 (Prpoposed)

JUL 16 1996
OCD HOBBS OFFICE

Burgess J. A. Cooke, Ph. D.

7/9/96
Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-2
Sample ID: SLUDGE

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type:SOLID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2571-2	Method Blank	QC	%Recov.	True Value QC
Pyridine	5.00	<0.005	<0.002	0.071	71	0.100
1,4-Dichlorobenzene	7.50	<0.005	<0.002	0.101	101	0.100
o-Cresol	200	<0.005	<0.002	0.107	107	0.100
m, p-Cresol	200	<0.010	<0.004	0.208	104	0.200
Hexachloroethane	3.00	<0.005	<0.002	0.098	98	0.100
Nitrobenzene	2.00	<0.005	<0.002	0.118	118	0.100
Hexachloro-1,3-butadiene	0.500	<0.005	<0.002	0.110	110	0.100
2,4,6-Trichlorophenol	2.00	<0.005	<0.002	0.090	90	0.100
2,4,5-Trichlorophenol	400	<0.005	<0.002	0.082	82	0.100
2,4-Dinitrotoluene	0.130	<0.005	<0.002	0.134	134	0.100
Hexachlorobenzene	0.130	<0.005	<0.002	0.112	112	0.100
Pentachlorophenol	100	<0.050	<0.002	0.109	109	0.100

	% RECOVERY
Fluorophenol	46
Phenol-d5	54
Nitrobenzene-d5	81
2-Fluorobiphenyl	72
2,4,6-Tribromophenol	56
Terphenyl-d14	93

METHODS: EPA SW 846-8270
MI - Matrix Interference

JUL 18 1996
OCD HOBBS OFFICE

Burgess J.A. Cooke

Burgess J.A. Cooke, Ph. D.

7/9/96
Date

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CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2600 • 6262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/13/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:WL

TCLP METALS

LAB NUMBER SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:	7/13/96	7/11/96	7/10/96	7/12/96	7/12/96	7/11/96	7/9/96	7/10/96
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H2571-1 OIL (LIQUID)	<0.025	<0.1	<5	<0.5	<1	<1	<0.02	<0.1
H2571-2 SLUDGE (SOLID)	<0.025	<0.1	<5	<0.5	<1	<1	<0.02	<0.1
Quality Control	48.7	0.49	10.6	1.01	2.34	1.97	23.3	0.437
True Value QC	50.0	0.50	10.0	1.00	2.50	2.00	25.0	0.500
% Accuracy	97.1	98.6	106	101	93.5	98.5	92.1	88.4
Relative Percent Difference	0.5	5	0.2	1.6	9.6	0	17	0.7
METHODS: EPA 1311, 600/4-91/010	200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7

Wei Li, Chemist

JUL 16 1996
OCD HOBBS OFFICE

7-13-96
Date

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SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/12/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Analysis Date: 07/11/96
Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:MR

LAB NUMBER	SAMPLE ID	REACTIVITY H2S (ppm)	REACTIVITY HCN (ppm)
H2571-1	OIL (LIQUID)	6.00	0.27
H2571-2	SLUDGE (SOLID)	14.00	0.27
Quality Control		30	0.4262
True Value QC		30	0.4000
% Accuracy		100	107
Relative Percent Difference		0	0

METHOD: EPA SW 846-7.3.4.1

JUL 16 1996
OCD HOBBS OFFICE

Burgess J. A. Cooke, Ph. D.

7/13/96
Date

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SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/12/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Analysis Date: 07/12/96
Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:BC

LAB NUMBER	SAMPLE ID	Corrosivity as pH (s.u.)
H2571-1	OIL (LIQUID)*	6.14
H2571-2	SLUDGE (SOLID)**	7.28
Quality Control		7.02
True Value QC		7.00
% Accuracy		100
Relative Percent Difference		0

METHOD: EPA 600/4-79-020, 150.1

*Measurement on water layer with oil.
**Measurement on water extract of sludge.

JUL 16 1996
OCD HOBBS OFFICE

Burgess J. A. Cooke, Ph. D.

7/12/96
Date

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STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

July 15, 1996

CERTIFIED MAIL
RETURN RECEIPT NO: P-269-269-171

Mr. Richard Lentz
Scurlock Permian Corporation
3514 Lovington Hwy.
Hobbs, New Mexico 88240

RE: SPILL REMEDIATION
SCURLOCK PERMIAN HOBBS SERVICE COMPANY FACILITY

Dear Mr. Lentz:

The New Mexico Oil Conservation Division (OCD) has been notified that the Scurlock Permian Corporation (SPC) had a spill of hydrocarbon related materials at SPC's Hobbs Service Facility which flowed off the facility and into the City of Hobbs storm water system. Reports on the spill have also noted that an open, cased water well on SPC's site could act as a direct conduit for contaminants to enter underlying ground water.

Due to the potential for ground water contamination from this spill and the proximity of a nearby City of Hobbs water supply well, the OCD requires that SPC provide the OCD, by July 29, 1996, with a report detailing the spill event and remedial actions taken. The report will include:

1. A description of the spill event and the actions taken to mitigate damage related to the spill.

2. The remaining benzene, toluene, ethylbenzene, xylene (BTEX) and total petroleum hydrocarbon (TPH) contaminant concentrations in soils at the base of any excavated areas.

3. The RCRA hazardous waste characteristics of all liquid and solid wastes generated during the remedial actions and the proposed disposition of the wastes.

4. A ground water sample from the open, onsite water well. The water will be sampled and analyzed for concentrations of aromatic and halogenated volatile organics, polynuclear aromatic hydrocarbons, heavy metals, total dissolved solids and major cations and anions using EPA approved methods.

If you have any questions, please contact me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs District Office
David Hooten, City of Hobbs

P 269 269 171

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TOTAL Postage & Fees	$
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PS Form 3800, April 1995

Wayne Price

From: Wayne Price
To: Roger Anderson; Mark Ashley; Chris Eustice
Cc: Jerry Sexton
Subject: Scurlock - Permian Sump oil Release
Date: Monday, July 08, 1996 11:09AM
Priority: High

RECEIVED
JUL 10 1996
Environmental Bureau
Oil Conservation Division

Dear Roger,

Please find attached my preliminary field report on the above referenced spill.

Please note the City of Hobbs called me this morning and indicated they are having a problem with a city water well located near Scurlock's yard. They are getting detectable levels of benzene and are looking for a source.

Please note in my field report I indicated that Scurlock has an existing water well with the casing open and some of the oil released from the sump might have a reasonable probability of entering this open well bore.

I am therefor recommending we raise our level of awareness of this situation.

<<File Attachment: SCUR-PER.SPI>>

JUL-10-96 WED 7:50 AM OCD HOBBS FAX NO. 15053930720 P. 2

GW-279

Scurlock Permian LLC
P.O. Box 4648
Houston, TX 77210-4648

No. 55683

DATE: 22-MAR-00 CUST. ACCT. NO. VENDOR NAME NEW MEXICO, STATE OF VENDOR NO. 6947

INVOICE NO	INVOICE DATE	DESCRIPTION	DISCOUNT AMOUNT	NET AMOUNT
PERMIT0315	15-MAR-00		0.00	50.00
			0.00	50.00

PLEASE DETACH AND RETAIN THIS STATEMENT AS YOUR RECORD OF PAYMENT

THANK YOU

000130 025973 P1

41614(11/92)

DISTRICT I
P.O.Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

SUBMIT 2 COPIES TO APPROPRIATE DISTRICT OFFICE IN ACCORDANCE WITH RULE 116 PRINTED ON BACK SIDE OF FORM

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR Scurlock Permian						ADDRESS 88240 3514 Lovington Hwy	TELEPHONE # 505-392-6559
REPORT OF	FIRE	BREAK	SPILL X	LEAK		BLOWOUT	OTHER*
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE	GASO PLNT	OIL RFY	OTHER*

FACILITY NAME: S.P.C. Hobbs Yard

LOCATION OF FACILITY Qtr/Qtr Sec. or Footage 1/	SEC. 27	TWP. 18	RGE. 38	COUNTY Lea

DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK: 1/4 mile South of Joe Harvey BLVD & Hwy 18

DATE AND HOUR OF OCCURRENCE: 2:00 P.M. 6-27-96				DATE AND HOUR OF DISCOVERY: 2:05 P.M. 6-27-96	
WAS IMMEDIATE NOTICE GIVEN?	YES	NO X	NOT REQUIRED	IF YES, TO WHOM: Wayne Price showed up on location	
BY WHOM: David Hooten City Of Hobbs				DATE AND HOUR: Appx. 2:30 P.M.	
TYPE OF FLUID LOST: Crude oil residue				QUANTITY OF LOSS: Appx. 5 gal	VOLUME RECOVERED: 0
DID ANY FLUIDS REACH A WATERCOURSE?	YES X	NO	QUANTITY: Appx. 5 gal		

IF YES, DESCRIBE FULLY**

Rain water run off with crude oil residue mixed in went down the City of Hobbs storm water drain. The drain is discharged into the Seminole Draw.

DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**

Truck wash rack holding tank ran over from the rain water draining into the sump. We put a burm around the sump where rain water run off could not get into the sump or holding tank.

DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**

Alley in back of northwest street for about 100 yards, then 50 yards down Caperock. Then northwest for about 150 yards then down Camino Real to the rain gutters. Indian Fire & Safety haz-mat team on location to help with clean up & containment.

DESCRIPTION OF AREA	FARMING	GRAZING	URBAN X	OTHER*

SURFACE CONDITIONS	SANDY	SANDY LOAM	CLAY	ROCKY	WET X	DRY	SNOW

DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**

Cloudy & rain

JUL 02 1996
OCD HOBBS OFFICE

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

SIGNED Richard Lentz PRINTED NAME AND TITLE Sr. Sup. Richard Lentz DATE 6-29-96

*SPECIFY

**ATTACH ADDITIONAL SHEETS IF NECESSARY

NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

NMOCD INTER-OFFICE CORRESPONDENCE

TO: File of Scurlock-Permian Corp.

From: Wayne Price-Environmental Engineer

Date: July 5, 1996

Reference: Scurlock-Permian Trucking Yard
3514 Lovington Hwy.-Hobbs NM

Subject: Release of wash rack sump oil

Comments:

At approximately 2:00 pm on Thursday June 27, 1996 the NMOCD District I office received a call from the City of Hobbs Emergency Management Manager David Hooten. Mr. Hooten notified us that residences in the area near Scurlock-Permian's yard were calling in and complaining about nuisance odors and oil being discharged from Scurlock's property onto the city's alleys and streets.

Upon arriving at the site it was determined that due to a rain event Scurlock's old wash rack sump had overflowed due to the influx of rainwater thus floating the sump oil out and discharged it to the alley. Mr. Richard Lentz Scurlock's yard manager indicated to NMOCD and City of Hobbs Emergency Team that only a very small amount of oil was actually discharged, less than 5 gallons, and he was in the process of pumping out an underground storage tank to alleviate the problem and would clean-up any oil stain in the alley. The underground tank was estimated to be approximately 120 BBL's in volume and is connected to the wash rack pad and sump. Per Mr. Lentz this waste water collection system is not connected to the city sewer system.

It was noted that free oil was still floating on top of the rainwater and running down the alley. Scurlock did not appear to think this was a problem at this time.

Upon further investigation after the rainfall stopped, the City of Hobbs Emergency Management Team informed NMOCD and Scurlock that the oil had deposited on city streets, sidewalks, and car tires along Caprock, Northwest & Camino Real and free oil was noted to be discharging into the City Of Hobbs stormwater drain system. Also children were noted playing in this water.

At approximately 2:40 pm Wayne Price and David Hooten recommended to Mr. Lentz that he should obtain additional help in his emergency response efforts. We also recommended to him to notify his company environmental department to assist him in Scurlock's reporting and emergency response requirements.

At 2:50 pm NMED was notified. Tom Burt and Don Byers inspected site at approximately 3:00 pm. Mr. Burt indicated he though that Scurlock's facility will be the jurisdiction of the NMOCD from the standpoint of ground water protection and the disposal of any non-hazardous service company type waste. Mr. Burt will notify NMED Surface water and Hazardous waste departments.

Scurlock's Haz-Mat crew arrived on site at approximately 3:15 pm and NM State Police Haz-Mat commander Keith Elder same time. Haz-Mat crew, City of Hobbs, City and State Police begin implementing source elimination, site security, installation of containment berms, and recovery and cleaning operations.

The City of Hobbs assisted by spreading sand in certain areas. All waste collected was taken back and stored at Scurlock's yard.

Mr. Lentz indicated that water, sludge & oil in sump is from past operations such as washing off trucks, engines, equipment etc, utilizing a steamer with de-greasing solvents and soaps. He indicated most of this material was generated when the facility was still the Permian Corp. but occasionally one of his drivers might still use the wash rack sparingly.

Scurlock's manager Mr. Lentz indicated all the liquid waste collected was going to be hauled to Rice's SWD facility and the contaminated soils were going to be taken to their Brine station west of town and co-mingle with other waste and spread on site.

I (Wayne Price) advised Mr. Lentz that all waste generated from this spill should be characterized to determine if it is RCRA Exempt, or NON-Exempt and whether it would be classified as Hazardous Waste.

Informed Mr. Lentz that disposal of any of this waste will require NMOCD approval and recommend to him to store it properly on site until the proper determinations were made. Mr. Lentz indicated they normally as in the past would haul this liquid waste to a class II SWD.

4:30 pm Wayne Price & Tom Burt took pictures. (see file). Called NMOCD Environmental Bureau left message about spill event.

5:30 pm left site.

<u>7:45 am June 28, 1996:</u>

Roger Anderson NMOCD Environmental Bureau Chief called and discussed procedures on how to have Scurlock sample the sump and perform a preliminary site inspection to aid in their Discharge Plan review process.

1:45 pm Met Mr. Lentz at site, discussed nature of business. Mr. Lentz indicated Scurlock's primary business is crude oil marketing and transportation, hauling oil field fresh and brine water to rigs, and hauling produced water to disposals.

Made an inspection of sump and yard, took field notes and pictures. Provided Scurlock with NMOCD spill reporting information and forms, spill guidelines, EPA RCRA waste determinations, TCLP hazardous characteristics compliance criteria and discussed NMOCD Service Co. Discharge Plans. Witness Scurlock's consultant sample sump oil and sludge. Scurlock to provide NMOCD results when available.

It was noted that Scurlock has an old water well located in the spill area in which the surface conduit is flush with the ground level and open. Therefore it is a good possibly that some of the oil went into this open well bore. It was noted that part of the City of Hobbs Public Drinking Supply well field is located nearby just north and up the alley.

3:00 pm inspected spill area on site, in alley and streets. Some sand still remaining in streets, Scurlock picked up and placed with other contaminated soils on site.

Liquids removed from the UST and contaminated rainwater is being stored in trailer # 1024A. Scurlock will transfer this material to trailer # 1047A.

Requested C-133 permit Number. Scurlock will check if they have one.

July 2, 1996: Received spill report from Scurlock: (attached)

July 3, 1996:

Scurlock provided copy of State Corporation Commission of NM warrant # 1337 to haul certain products and water in NM. Checked with NMOCD District I and Santa Fe office, there is no record of C-133 permit which is required by the NMOCD to haul produce water.

July 5, 1996:

10:30 am

Scurlock requested a copy of form C-133. Delivered form, took pictures of chemicals used with wash rack steamer, requested information on all chemicals that were used in cleaning process that would have entered sump.

Scurlock requested NMOCD to check and see if Western Oil Transportation Inc. had a C-133 permit issue to them.

11:14 am. Richard Lentz delivered MSDS on HCL acid cleaner found in steamer room. Price & Lentz checked C-133 file found permit under Western Oil Transportation Inc.

Conclusions:

The size of the inside dimensions of the two sump compartments below the discharge line is estimated to hold approximately 300 gallons each. Therefore since one side of the sump was full of sludge it can be concluded that the maximum quantity of oil discharged could have been as much as 300 gallons, however the actual quantity is not know.

This release could have been prevented if Scurlock-Permian would have implemented engineering controls previously such as proper berms, inventory of UST and sump volumes etc. and since the UST and sump were not being used anymore this waste should have been properly classified and disposed of.

The quantity of the released oil could have been reduced substantially if Scurlock-Permian would have had an emergency spill contingency plan in place.

Due to the close proximity of the open water well bore the released oil might have contaminated the ground water.

Scurlock-Permian failed to make an immediate notification of this release per NMOCD rule 116.

After receiving additional feedback from the City of Hobbs, the environmental impact to the stormwater drain system and final receptor (Seminole draw) appears to be negligible at this time.

Recommendations:

Scurlock-Permian should be scheduled for a site inspection from the NMOCD Santa Environmental Bureau so as NMOCD may review the facility to determine if Scurlock-Permian should be required to obtain a (WQCC) discharge plan permit.

This plan permit will set forth in detail the methods or techniques the discharger proposes to use which will ensure compliance with New Mexico's Water Quality Control Commission (WQCC) regulations and the Oil and Gas Act.

This plan will ensure that this type of release will be greatly minimized in the future by implementing the proper environmental controls, to determine and/or abate any existing contamination (i.e. possible ground water contamination from the old water well), properly dispose of any waste stored on site, and to prevent future potential contamination for the protection of ground water, public health and the environment.

cc: Jerry Sexton-NMOCD District I Supervisor
Roger Anderson-Environmental Bureau Chief

attachments-Pictures and field notes in NMOCD file.
-Scurlock's Spill Report.

file: SCUR-Par.SPI

Pictures of Spill Site: 359253

Scurlock-Permian (SP) SP-6-27-96-1 thru 13.
3514 Lovington Hwy.
Hobbs NM
Taken By: Wayne Price on June 27, 1996 approx. 4:30 to 5:30 pm.

#1.	SP-6-27-96-1	Wash Rack sump, steamer Bldg, & pad; looking south.
#2.	SP-6-27-96-2	Alley between northwest and Lovington Hwy. Rain water with oil floating on water. Background shows emergency containment berm near Caprock street.
#3	SP-6-27-96-3	Alley between Northwest St. and Lovington Hwy. Weeds with oil on them.
#4.	SP-6-27-96-4	Wash Rack sump where oil overflowed.

#5.	SP-6-27-96-5	Standing in alley & looking west.
#6.	SP-6-27-96-6	Looking east, shows wash rack pad.
#7.	SP-6-27-96-7	Looking into sump with lid open. Standing on north side of sump. East side of sump has water, oil and mostly sludge. West side shows oil.
#8.	SP-6-27-96-8	Picture shows Wash Rack UST (underground storage tank). Background shows steamer bldg. and sump area.
#9	SP-6-27-96-9	Corner of Caprock and Northwest.
#10.	SP-6-27-96-10	Picture of tire on pick-up parked on west side of Northwest with oil mark on it.
#11	SP-6-27-96-11	Oil on sidewalk at 3405 Northwest.
#12	SP-6-27-96-12	Haz-Mat Incident scene at Camino Real where water was entering stormwater drain.
#13.	SP-6-27-96-13	Corner of Caprock and alley leading to Scurlock-Permian facility. SP truck recovering contaminated rainwater.

Pictures of Spill Site: 359404

Scurlock-Permian (SP) SP-6-28-96-1 thru 13.
3514 Lovington Hwy.
Hobbs NM
Taken By: Wayne Price on June 28, 1996 approx. 2:00 pm.-4:30 pm

#1	SP-6-28-96-1	Water well located behind steamer bldg. and around corner from sump.
#2.	SP-6-28-96-2	Water well, picture shows open casing.
#3.	SP-6-28-96-3	Looking north, shows cleaned-up spill area, water well, steamer pad. etc. Drum of chemical cleaner (AB-Brightner ? and half drum with unidentified waste oil in it.)
#4.	SP-6-28-96-4	Same as #3, except looking east.
#5.	SP-6-28-96-5	Looking northwest, shows SE corner of shop

building, misc drums oil and used oil tank.

#6. SP-6-28-96-6 Looking North, same as above.

#7. SP-6-28-96-7 Richard Lentz(L) SP and Bob Allen (R) SES consultant sampling oil in west side of sump.

#8. SP-6-28-96-8 Oil sample taken from west side of sump. Oil layer was very thin and had to be skimmed to take sample.

#9. SP-6-28-96-9 Sludge sample being taken using a Coliwasa sampler from the east side of the sump.

#10 SP-6-28-96-10 Same as #9.

#11 SP-6-28-96-11 Misc. drums stored on NE corner of SP property.

#12 SP-6-28-96-12 Contaminated soil picked-up in alley and streets generated up from sump oil release covered with plastic. Background shows building which houses City of Hobbs Public Water Supply.

#13. SP-6-28-96-13 Misc. drums stored in NE corner of building.

FROM : PRIDE PIPELINE CARLSBAD, NM PHONE NO. : 505 745 3544 P01

07/03 JUL 03 '96 02:00PM SPC HOBBS SPC LAND R 713 ... P.1

To WAYNE Price

DOCKET NO. 87-158-TRM WARRANT NO. 1337

STATE CORPORATION COMMISSION OF NEW MEXICO

Warrant for Transportation Services

AS AN INTRASTATE MOTOR CARRIER OF PROPERTY OR
NOT-FOR PROFIT INTRASTATE MOTOR CARRIERS OF PASSENGERS

SCURLOCK PERMIAN CORPORATION
PO BOX 4648
HOUSTON, TX 77210-4648

TRANSPORTATION OF ALL LIQUIDS IN BULK, IN TANK TRUCKS, USED IN OR IN CONNECTION WITH THE DISCOVERY, DEVELOPMENT, PRODUCTION, REFINING MANUFACTURE, PROCESSING AND STORAGE OF NATURAL GAS, PETROLEUM AND THEIR PRODUCTS AND BY-PRODUCTS, AND TRANSPORTATION OF OF WATER AND CRUDE OIL, BETWEEN POINTS AND PLACES THROUGHOUT THE STATE OF NEW MEXICO.

THIS WARRANT IS TO REMAIN IN EFFECT UNTIL SUSPENDED OR REVOKED BY THE COMMISSION. THE HOLDER OF THIS WARRANT IS SUBJECT TO THE MOTOR TRANSPORTATION RULES AND REGULATIONS. THIS WARRANT IS ISSUED PURSUANT TO ORDER DATED JUNE [illegible], 19[illegible].

DONE THIS 6th DAY OF [illegible], 1995

[signature]
[illegible] D. [illegible], CHAIRMAN

[signature]
ERIC P. SERNA, COMMISSIONER

[signature]

[signature]

JUL-10-96 WED 7:53 AM OCD HOBBS FAX NO. 15053930720 P.10

Material Safety Data Sheet

Required under USDL Safety and Health Regulations for Shipyard Employment (29 CFR 1915)

U.S. Department of Labor
Occupational Safety and Health Administration

C4

OMB No. 1218-0074
Expiration Date 05/31/86

Section I

Manufacturer's Name: CHEMICAL TECHNOLOGIES, INC.

Emergency Telephone Number: 1-915-367-9027

Address (Number, Street, City, State, and ZIP Code): 5809 Commerce

Odessa, Texas 79762

Chemical Name and Synonyms: Hcl Acid

Trade Name and Synonyms: AB-HA-Cleaner

Chemical Family: Acid

Formula:

Section II - Hazardous Ingredients

Paints, Preservatives, and Solvents	%	TLV (Units)	Alloys and Metallic Coatings	%	TLV (Units)
Pigments			Base Metal		
Catalyst			Alloys		
Vehicle			Metallic Coatings		
Solvents			Filler Metal Plus Coating or Core Flux		
Additives			Others		
Others: Hcl Acid					

Hazardous Mixtures of Other Liquids, Solids or Gases: None

%	TLV (Units)

JUL 05 1996
OCD HOBBS OFFICE

Section III - Physical Data

Boiling Point (°F): 210° F		Specific Gravity (H_2O=1)	
Vapor Pressure (mm Hg.)		Percent Volatile by Volume (%)	
Vapor Density (AIR=1)		Evaporation Rate (_____=1)	

Solubility in Water: 100%

Appearance and Odor: Yellow

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	Lel	Uel
None			

Extinguishing Media

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

Form OSHA-20
(Rev. 3/84)

JUL-10-96 WED 7:54 AM OCD HOBBS FAX NO. 15053930720 P. 11

DISTRICT I
P.O.Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 2 COPIES TO APPROPRIATE DISTRICT OFFICE IN ACCORDANCE WITH RULE 116 PRINTED ON BACK SIDE OF FORM

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

- RICHARD LENTZ -

OPERATOR	SCURLOCK - PERMIAN TRUCK YARD				ADDRESS 3514 LOVINGTON HWY HOBBS		TELEPHONE 392-656
REPORT OF	FIRE	BREAK	SPILL X	LEAK	BLOWOUT	OTHER*	
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE	GASO PLNT	OIL RFY	OTHER* SUMP

FACILITY NAME: TRUCK YARD

LOCATION OF FACILITY Qtr/Qtr Sec. or Footage	SEC.	TWP.	RGE.	COUNTY
3514 LOVINGTON Hwy HOBBS				

DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK

DATE AND HOUR OF OCCURRENCE		DATE AND HOUR OF DISCOVERY	
WAS IMMEDIATE NOTICE GIVEN?	YES / NO X / NOT REQUIRED	IF YES, TO WHOM	
BY WHOM	DAVID HOOTEN - city HOBBS	DATE AND HOUR	≈ 2:00 PM 6/27/96
TYPE OF FLUID LOST		QUANTITY OF LOSS	UNKNOWN
VOLUME RECOVERED			
DID ANY FLUIDS REACH A WATERCOURSE?	YES X / NO	QUANTITY	

IF YES, DESCRIBE FULLY**

RAIN WATER FLOODED UST + SUMP OIL FLOWED DOWN ALLEY ONTO CAPROCK, NORTHWEST, CAMINO REAL + INTO STORMWATER DRAIN SYSTEM

DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**

SUMP + UST FLOODED + FLOATED OIL OUT - SCURLOCK CALLED HAZ-MAT TEAM SCURLOCK BUILT BERM + PLUGGED DRAIN HOLE

HAZ MAT COORDINATOR DAVID HOOTEN - city HOBBS
KEITH EIDEN - NM ST POLICE
NMED - WAYNE PRICE
NMED - TOM BURT

DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**

OIL IN ALLEY, STREETS + STORM WATER DRAIN SYSTEM SCURLOCK PUMPED OUT UST + OILY WATER IN ALLEY WILL STORE IN TRAILER # 1024A CONTAMINATED SOIL + DEBRIS PICKED UP + WILL BE STORED AT SCURLOCK YARD PENDING DISPOSAL! STEAMED CLEANED STREET

DESCRIPTION OF AREA	FARMING	GRAZING	URBAN X	OTHER*
SURFACE CONDITIONS	SANDY	SANDY LOAM	CLAY	ROCKY / WET X / DRY / SNOW

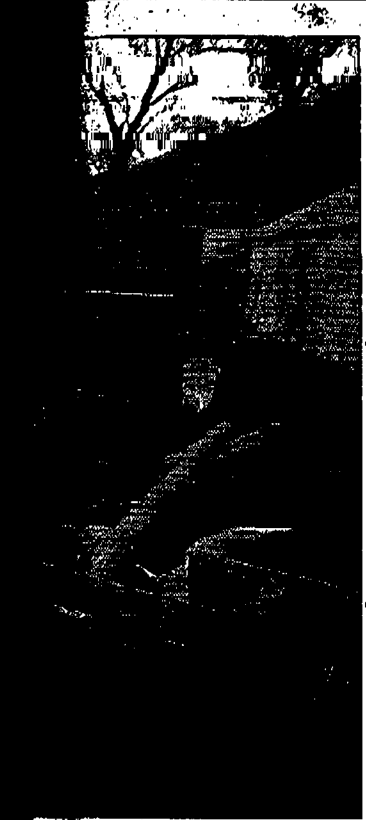
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**

70-75°C RAINING

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

SIGNED

PRINTED NAME AND TITLE: WAYNE PRICE



AP Photo

y his family has worked this
ridgville, hemmed in by tract-
m.

ke the crush of urban refugees
eeking the country life, but he
nderstands. He's a cowboy, after
l.

"Nobody wants to live up there,"
 says, waving north toward the
ty. "It's such a rat race. I
ouldn't live up there. No way."

■ ■ ■ ■

The windowless room where
erry DeFreese works all day is
ark, illuminated only by a bank of
7 computer screens. Some glow
with nature scenes downloaded
rom the Internet: a cabin in an
lpine meadow, rock formations in
Arches National Park.

DeFreese, 37, loves the great out-
doors.

"Ranching, that's in me," he
muses, leaning back from his key-
board. "I think everybody wants to
be the old cowboy. You know, feed
the horses and ride up into the
mountains ...

"Cowboys are loners. I'm a loner,
too. I know it's strange for me to be
sitting in this little cubicle, sur-
rounded by people and telephones
and computers, and tell you I'm a
loner ... I'd be the cowboy
with a satellite dish."

POLICE REPORT

Arrests

• Jack Savage, 40, of Lovington, was charged with possession of a controlled substance Friday morning after police made a traffic stop and discovered a syringe and bottle cap found inside the vehicle both contained a substance that tested positive for opiates.

• Ross Lee Mackey, 21, of the 400 block of East Lea, was charged Friday night with trafficking cocaine after police discovered 25 rocks of crack cocaine in the pockets of a man they arrested on an outstanding misdemeanor warrant. In addition, the man was carried $547 in cash, according to a police report.

Fraud

• John Gunther of Seminole reported that a woman he knows charged a $310 bracelet on his Zale's Jewelry account without permission.

Oil spill

• City personnel shoveled sand on oil that washed up on sidewalks and yards along Camino Real Thursday after rainwater caused an underground storage tank to overflow and spill down an alley in the 3600 block of Northwest. There was no estimate on how much oil contaminated the area or spilled into the city drainage system.

Burglary

• Sharon Birmingham, owner of Quickprint at 114 West Snyder, reported the theft of a $300 swamp cooler after somebody broke a $50 window at the business to unplug the air conditioner, then carry it off.

Break-in

• Doris Wardlaw of Hobbs estimated damage at $200 after somebody broke into her daughter's apartment in the 2400 block of North Jefferson. In addition to damaging the apartment, somebody left a note addressed to a person Wardlaw said she doesn't know.

Larceny

• Genoveva Baca of Albuquerque reported the theft of a compact disc player and five compact discs from her motel room at 722 North Marland. Loss was placed at $215.

• Adrienne Hernandez of the 900 block of East Michigan reported the theft of a $320 bicycle form her front porch.

Encumbered property

• Michael Lopour, manager of Lavon's TV, reported that a customer who rented a video-cassette recorder, washer and dryer has left town without returning the items valued at $1,439.85.

Accidents

Friday

• 6:01 p.m. — Sanger and Houston Streets; drivers Michael Jenkins, 20, of the 700 block of East Mesa and Nora Eubanks, 37, of Lovington; Eubanks cited for stop or yield violation.

Thursday

• 4:58 p.m. — Grimes near Silver Streets; drivers Vicki Butler, 39, of the 6900 block of Country Road and Patricia Montes, 29, of the 1100 block of Iron; Montes cited for following too closely.

SCURLOCK PERMIAN

CORRECTION

In a story in Friday's edition of The News-Sun — "Local clergymen respond to rash of arsons in South" — the Rev. Ernest Tucker was incorrectly identified as the Rev. Ernest Taylor.

OBITUARY

Beatrice Lee

BARTLESVILLE, Okla. — Funeral services for Beatrice May ... grandmother of Robert E. ... Hobbs, are scheduled for 10 ... Silver Lake Care Center in Bartlesville.

She was born Aug. 15, 19.., in Indian Territory prior to Oklahoma statehood and married Clyde Lewis ...

JUL-10-96 WED 7:55 AM OCD HOBBS FAX NO. 15053930720 P. 13

Price, Wayne

From: Price, Wayne
Sent: Friday, July 18, 2003 1:33 PM
To: 'ralentz@paalp.com'
Subject: Discharge Plan GW-279 sign and fee

Contacts: Richard Lentz

Dear Richard:

Please find attached a copy of the discharge plan. Please sign the approval conditions and submit a check for $1700.00

DPAPP.DOC

Sincerely:

Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505
505-476-3487
fax: 505-476-3462
E-mail: WPRICE@state.nm.us

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of 1

weeks.

Beginning with the issue dated

May 15 2002

and ending with the issue dated

May 15 2002

Kathi Bearden

Publisher

Sworn and subscribed to before me this 15th day of May 2002

Jodi Henson

Notary Public.

My Commission expires
October 18, 2004
(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
May 15, 2002
NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-266) - Phillips Pipe Line Company, Thomas R. Wynn, (918) 661-4855, 3 B11 Adams Building, Bartlesville, Oklahoma 74004, has submitted a discharge renewal application for its crude oil gathering facility located in Section 3, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 30 barrels of tank bottoms will be disposed of at an OCD approved offsite disposal facility annually. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 120 feet with a total dissolved solids concentration of approximately 700 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-268) - Rapid Transport, Inc., Joe Chance, (505) 395-2048, P.O. Box H, Jal, New Mexico 88252, has submitted a discharge application for its Trucking Company yard located in the NW/4 NW/4 of Section 20, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 68 feet with a total dissolved solids concentration of approximately 855 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-279) – Plains Marketing L.P. Previous (Scurlock Permian Corporation), Richard Lentz, (505) 392-8212, 3514 Lovington Highway, Hobbs, New Mexico 88240, has submitted a discharge application for the Hobbs Facility located in the NW/4, Section 21, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. All wastes generated will be stored in closed top receptacles prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 40 feet with a total dissolved solids concentration of approximately 3,065 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of May, 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

(seal)
LORI WROTENBERY, Director
#18975

APPROVED
W Price
6/3/02

OCD ENVIRONMENTAL BUREAU

SITE INSPECTION SHEET

DATE: 5/17/02 Time: 8AM

Type of Facility: Refinery ☐ Gas Plant ☐ Compressor St. ☐ Brine St. ☐ Oilfield Service Co. ☑

Surface Waste Mgt. Facility ☐ E&P Site ☐ Crude Oil Pump Station ☐

Other ☐_____

Discharge Plan No ☐ Yes ☑ GW# 279

FACILITY NAME: PLAINS MARKETING LP HOBBS

PHYSICAL LOCATION: 3514 LOVINGTON HWY

Legal: QTR___QTR___ Sec___ TS___ R___ County LEA CO.

OWNER/OPERATOR (NAME) S.A.B.

Contact Person: _____ Tele:#_____

MAILING ADDRESS: _____ State_____ ZIP_____

Owner/Operator Rep's:

_____

_____

OCD INSPECTORS: W PRICE, E MARTIN, R BRYCE

1. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

✓

2. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

✓

3. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

✓

4. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

✓

5. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

✓

6. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

✓

7. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

✓

8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctly?

Does the facility have an EPA hazardous waste number? _____ Yes _____ No

ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES NO IF NO DETAIL BELOW.

V

9. Class V Wells: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

ANY CLASS V WELLS NO ☑ YES ☐ IF YES DESCRIBE BELOW ! Undetermined ☐

10. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

GOOD

11. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCD District Office.

NA

12. **Does the facility have any other potential environmental concerns/issues?**

NO

13. **Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?**

—

14. **ANY WATER WELLS ON SITE?** NO ☐ YES ☑ **IF YES, HOW IS IT BEING USED ?**

/ —

15. **Documents reviewed:**

Miscellaneous Comments:

Photos taken: _____

Documents Reviewed/Collected: _____

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of May, 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

OCD ENVIRONMENTAL BUREAU

SITE INSPECTION SHEET

DATE: 5/11/00 Time: 8:45 AM

Type of Facility: Refinery ☐ Gas Plant ☐ Compressor St. ☐ Brine St. ☐ Oilfield Service Co. ☑
Surface Waste Mgt. Facility ☐ E&P Site ☐ Crude Oil Pump Station ☐
Other ☐ _____

Discharge Plan: No ☐ Yes ☑ DP# GW-279

FACILITY NAME: PLAINS MARKETING LP HOBBS YARD

PHYSICAL LOCATION: 3514 LOVINGTON HWY

Legal: QTR___ QTR___ Sec___ TS___ R___ County LEA

OWNER/OPERATOR (NAME) S.A.B.

Contact Person: RICHARD LENTZ Tele:# 392-6559

MAILING
ADDRESS: S.A.B State NM ZIP 88240

Owner/Operator Rep's: S.A.B.

OCD INSPECTORS: W PRIEF / P. WILLIAMS

1. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

OK

2. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

OK

3. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

OK

4. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

OK

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OK

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N.A.

7. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

N.A.

8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctly? Does the facility have an EPA hazardous waste number? _____ Yes ✓ No

ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES ✓ NO ☐ IF NO DETAIL BELOW.

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ANY CLASS V WELLS NO ☑ YES ☐ IF YES DESCRIBE BELOW ! Undetermined ☐

10. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

EXCELLANT

11. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCD District Office.

N.A.

12. Does the facility have any other potential environmental concerns/issues?

NONE NOTED

13. Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?

SPCC - NO STORMWATER - NO

14. ANY WATER WELLS ON SITE ? NO ☐ YES ☑ IF YES, HOW IS IT BEING USED ?

Miscellaneous Comments:

Number of Photos taken at this site: 0

SCURLOCK PERMIAN CORPORATION

333 Clay
P.O. Box 4648
Houston, Texas 77210-4648

(713) 646-4100

April 13, 2000

RECEIVED
APR 19 2000
OIL CONSERVATION DIVISION

New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Attention: Mr. Wayne Price

Reference: Discharge Plan Renewal Application
Hobbs Shop Facility, Lea County, New Mexico

Dear Mr. Price:

As per your request, attached is a Renewal Application Form and one (1) copy of the Discharge Plan for Scurlock Permian Corporation's existing oil field service truck maintenance facility located at 3514 Lovington Highway, Hobbs, New Mexico. Also enclosed is a check (#55683) in the amount of $50.00 for the application filing fee.

If you have any questions, you may call me at (713) 672-5646.

Yours truly,

Stephen G. Falgoust
Manager Environmental
And Regulatory Affairs

SGF

c: State of New Mexico
Oil Conservation Division, Hobbs District Office
P.O. Box 1980
Hobbs, New Mexico 88240

Kevin Brown
Richard Lentz
Hobbs Shop File

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS. REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☒ Renewal ☐ Modification

1. Type: Existing Oil Field Service; Truck Maintenance Facility
2. Operator: Scurlock Permian

   Address: 3514 Lovington Highway, Hobbs, N.M. 88240

   Contact Person: Richard Lentz. Phone: 505-392-8212

3. Location: ____ /4 NW /4 Section 21 Township 18S Range 38E

   Submit large scale topographic map showing exact location.

4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Stephen G. Falgoust Title: Manager Environmental & Regulatory Affairs

Signature: Stephen G. Falgoust Date: 4-13-00

State of New Mexico
ENVIRONMENT DEPARTMENT
Underground Storage Tank Bureau
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-0188
(505) 827-0310 Fax

MARK E. WEIDLER
SECRETARY

GARY E. JOHNSON
GOVERNOR

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

April 15, 1997

Mr. David Hooten
1200 South 4th Street
Hobbs, New Mexico 88240

RE: CONFIRMED RELEASE AT FIRE STATION #3, 1717 JOE HARVEY BLVD, HOBBS, NEW MEXICO 88240

FACILITY #: 5879004

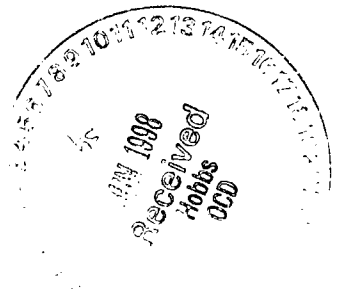
Dear Mr. Hooten:

The New Mexico Environment Department (Department) has received notice of a release from an underground storage tank (UST) system at the above address. The New Mexico Underground Storage Tank Regulations (NMUSTR) outline steps that must be taken to investigate and clean up this release. The regulations tell you exactly what information to gather and report at each step.

You must follow the twenty-four hour verbal notification report with a seventy-two hour verbal report summarizing abatement procedures taken and the results of the initial investigation. Within seven days, you must send a written report which includes this same information to the Underground Storage Tank Bureau (Bureau).

A subsurface investigation is required at this time to characterize the extent and magnitude of petroleum hydrocarbon contamination at the subject site. Pursuant to NMUSTR Sections 1205 and 1508, the work is required to fulfill the requirements of the on-site investigation, or minimum site assessment (MSA), at this site. As outlined in NMUSTR Sections 1205 and 1206, the on-site investigation must be completed, and the informal on-site investigation report submitted, within 30 days of confirmation of the release. The formal on-site investigation report is due within 45 days of confirmation of the release.

Some of your expenses for investigating and cleaning up a release of petroleum products may be reimbursable. If you wish to be reimbursed, you must, among other things, have all workplans and budgets approved by the Bureau before the work is initiated.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Enclosed you will find the new Contractor Certification Regulations (NMUSTR Part XVI), the revised Corrective Action Fund (Fund) Payment and Reimbursement Regulations (NMUSTR Part XVII), the current Contractor Fee Schedule, and Cost Detail Forms for your use in submitting budgets for proposed work.

The regulations require that UST owners and operators adhere to certain requirements so that the costs of corrective action will be eligible for reimbursement from the Fund. For corrective action costs to be eligible for reimbursement, all costs must be in accordance with the competitive bidding and certified scientist requirements. In addition, reimbursement shall not be made from the Fund to, or on behalf of, UST owners or operators for corrective action, other than an MSA or sampling, where the corrective action was conducted by affiliate firms or entities of the responsible party.

If you find that you cannot meet a deadline prescribed by the regulations, you may apply for an extension as long as you do so before the deadline passes. See NMUSTR Section 1221 for more details.

I will oversee your project. Please direct all future correspondence concerning corrective action at this facility to me at the letterhead address. If you have questions or need a complete copy of the NMUSTR call me at (505) 827-2566. The Department appreciates your voluntary cooperation and prompt attention to this matter.

Sincerely,

Stephen G. Reuter
Geologist
Underground Storage Tank Bureau

encl: NMUSTR Part XII
UST & CAF Regulations (NMUSTR Parts XVI, and XVII)
Reimbursement Packet (includes Cost Detail Forms and current Contractor Fee Schedule)
Means Test Info. Sheet
Competitive Bidding Guidance Document


MAY 1998
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Hobbs
OCD

State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Building
1190 St. Francis Drive, P. O. Drawer 26110
Santa Fe, New Mexico 87502-0110
(505) 827-2855
Fax: (505) 827-2836

GARY E. JOHNSON
GOVERNOR

MARK E. WEIDLER
SECRETARY

March 11, 1998

Mr. David Hooten
Director
City of Hobbs Emergency Management and Safety
300 N. Turner
Hobbs, New Mexico 88240

RE: Minimum Site Assessment Fixed-Price Workplan Approval for City of Hobbs Fire Station #3, 1717 Harvey Blvd., Hobbs, New Mexico

FACILITY #: 5879004

Dear Mr. Hooten:

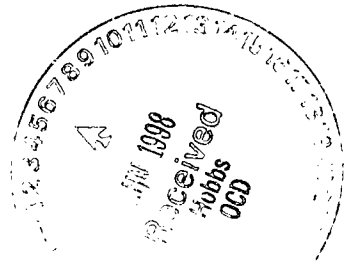
The New Mexico Environment Department (Department) approves the fixed-price workplan and cost schedule dated September 19, 1997 which were submitted by Souder, Miller and Associates on your behalf. This workplan is for the minimum site assessment (MSA) at the City of Hobbs Fire Station #3. Work shall be performed in accordance with the workplan, cost detail forms and current Contractor Fee Schedule.

The total budget shall not exceed $15,905.33, which includes New Mexico Gross Receipts Tax of 6.25%. Please refer to the following table for a breakdown of the expected deliverable and date of completion:

Deliverable Name	$ Approved	Completion Date	Fiscal Year
MSA and Report	$15,905.33	04-30-98	1998

Please be reminded that Section 74-6B-7.F (NMSA 1978) of the Ground Water Protection Act does not allow the Department to authorize payments or commitments for payments in excess of the funds available. This means that approval of the workplan does not guarantee when reimbursement will be processed from the Corrective Action Fund (Fund). Furthermore, all claims for reimbursement must be received by the Department within six (6) months of the date costs are paid.

The Corrective Action Fund Regulations require adherence to all competitive bidding and certified scientist requirements in order for the costs of corrective action to be eligible for reimbursement from the Fund. Our records show that Souder, Miller and Associates is currently a qualified firm and the work was awarded through a competitive bid process. Costs in excess of the $10,000 deductible are, therefore, eligible for reimbursement in accordance with Section 401 of 20 NMAC 5.17.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NMED UST Bureau
Site Summary

PM (current Bureau contact): Stephen G. Reuter

Date Completed: 03/02/98

Site Name/FAC #: Hobbs Fire Station #3/5879004

Site Address: 1717 Joe harvey Blvd, Hobbs, NM

Responsible Party: City of Hobbs

Investigation and Reclamation Consultant: MSA:Souder, Miller and Associates

Priority and Ranking: Not ranked

Receptors and hazards: (Include land use and any wells impacted) None identified, site is part of municipal office complex

Origin or cause of contamination: (Include type, magnitude, free product, vapor) Leaking underground storage tanks. Two tank systems, a diesel and gasoline tank system and a waste oil tank system, were closed and both had obvious soil contamination at closure

Hydrogeologic setting:

1. **Ground water description: (Include depth, flow direction, gradient, fluctuations, perched zones)** Undetermined, but anticipated to be a minimum of 80 feet below ground surface (bgs)

2. **Description of vadose zone sediments:** Anticipated loam to a depth of 20 feet bgs then well indurated caliche to approximately 35 feet bgs. Undetermined below 35 feet bgs.

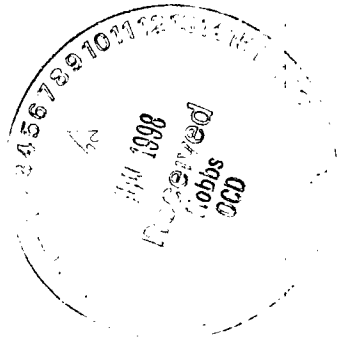
Describe vadose zone contamination:

1. **Estimated volume of vadose zone contamination in cubic yards:** Undetermined-During Tank pull TPH at 485 ppm for Diesel tank; TPH at 573 ppm for the waste oil tank

Maximum extent and thickness of phase separated product in monitoring wells: Undetermined

Describe dissolved phase contamination:

1. **Linear dimensions in feet of dissolved phase contaminant benzene plume in ground water: 1) >10 PPB. 2 >100 PPB. 3) >1000 PPB.** Undetermined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2. **Compare maximum and current extent of plume and indicate whether it is stable, expanding or contracting:**Undetermined

Does GW/soil contamination extend beyond site property? Undetermined

Name nearby sites with similar hydrogeological setting: Hobbs garage

Describe reclamation efforts at the site to date:N/A

Describe reclamation methods that have proven successful in similar setting:N/A

Describe unusual site conditions or characteristics that could influence decision on reclamation system or operations: Well indrated Caliche layer at depth will increase drilling costs

Guidance sought from Task Force: (For Task Force review only)

What is being proposed in workplan and project managers's justification for recommending approval: (for workplan approval only) Workplan is for completing Minimum Site Assessment. Workplan design will allow the evaluation of both LUSTs using a minimum number of borings (boring placement will allow some boring to be useful in evaluating both releases)

Task Force decision/guidance/recommendations: (to be filled in by PM following Task Force presentation)


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SOUDER, MILLER & ASSOCIATES
CIVIL/ENVIRONMENTAL SCIENTISTS & ENGINEERS

1201 Parkway Drive, Suite C
Santa Fe, NM 87505
(505)473-9211
Fax (505) 471-6675

September 19, 1997

#3326

Mr. Steve Reuter, Project Manager
New Mexico Environment Department
Underground Storage Tank Bureau
1190 St. Francis Drive
P.O Box 26110
Santa Fe, New Mexico 87502

Re: Work Plan, MSA, City of Hobbs Fire Station #3, 1717 Joe Harvey Blvd., Hobbs, NM

Dear Mr. Reuter:

Enclosed is the work plan that Souder, Miller & Associates (SMA) has prepared on behalf of the City of Hobbs to complete the Minimum Site Assessment (MSA) requirements. Cost Detail Forms required by the Ground Water Protection Act are included.

If you have any questions, please do not hesitate to call me at 299-0942, or contact Reid Allan in my absence at 473-9211.

Sincerely,
SOUDER, MILLER AND ASSOCIATES

Jane Ann Bode
Project Scientist
NMED Certificate #006

enclosure
cc w/enclosure: Mr. David Hooten, Director, City of Hobbs Emergency Management and Safety


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WORK PLAN FOR ON-SITE INVESTIGATION
THE CITY OF HOBBS FIRE STATION #3
1717 Joe Harvey Blvd.
Hobbs, New Mexico

September 19, 1997

1.0 INTRODUCTION

Note: The following work plan is developed on a lump sum basis, the subtotal for each task to be billed as the tasks are completed. Spreadsheets detailing the development of these costs are immediately available if requested.

Background

SMA is a qualified firm as defined in the NMUSTR §1606.C. The SMA project scientist/engineer, Jane Ann Bode, (NMED Certified Scientist #006) visited the City of Hobbs Fire Station #3 for site familiarization and to identify appropriate locations for soil borings and monitoring wells. Potential utility clearance problems and building overhead clearance in the location of the waste oil tank were also noted to aid with work plan preparation and soil boring placement. SMA has considered the proposed locations of soil borings and potential monitoring wells with these concerns in mind.

The purpose of the On-Site Investigation is to determine whether ground or surface water has been impacted (NMUSTR §1205.B., and C.(4)), and to define the horizontal and vertical extent of soil contamination from a UST release on the subject property, pursuant to NMUSTR §1205.C.(1) and (2).

The NMED project manager, Steve Reuter, will be notified 7 days prior to commencing field activities. Both New Mexico One Call and the City of Hobbs Utilities Department will be contacted for subsurface utility locates prior to the start of field work. The City of Hobbs will also be notified prior to field activities in order to assist SMA in the location of any other utilities located on the property.

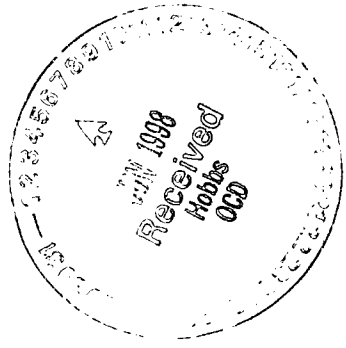
1.1 Task 1 –On-Site Investigation, Minimum Site Assessment Field Work

There are two separate release points at the site, a diesel UST, and a waste oil UST. For clarity, SMA's work plan discusses drilling at the two releases separately, although all field work shall be accomplished in one mobilization.

1.1.1 Release Investigation #1: 560 gallon Diesel UST

Note On Drilling Method –

Drilling will be performed by a drilling subcontractor who can cost-effectively drill through the hard caliche in the Hobbs area. SMA's experience is that a hollow stem auger drilling rig can not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penetrate the 10-15 foot estimated thickness of caliche beneath the surface at this site. Eades Water Well Drilling and Pump Service (Eades) has been selected as the contractor most capable of penetrating the caliche layer. The Eades drilling rig is an Ingersol-Rand TH-75 rotary drilling rig equipped with a percussion hammer that is able to penetrate the caliche layer relatively quickly. Samples will be collected with a split-spoon sampling device.

To illustrate this point, SMA contacted another reliable driller with air rotary capabilities. The air rotary drilling company owner indicated that he would subcontract to another drilling firm to hammer through the caliche. SMA has 4 years of experience with Eades Drilling, and there has never been downhole refusal. SMA's estimation of professional time to oversee drilling is also accurate, as Eades' estimation of the time involved in penetration of the caliche is accurate to within an hour. The selection of Eades Drilling, located in Hobbs, NM, will result in cost savings to the City of Hobbs in both mobilization charges and SMA's professional time during drilling operations.

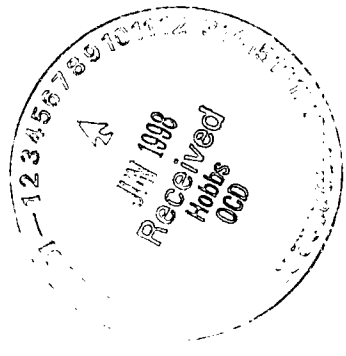
Summary of SMA's approach to the On-Site Investigation of the City of Hobbs Fire Station #3, 560 gallon diesel tank release:

1. Drill #1 soil boring in the center of the tank pit diesel release location
2. Continuous sampling to log soils, collect soil samples at five-foot intervals, store on ice
3. Drill to the depth of ground water
4. Ship two samples for laboratory analysis for 8015 Modified (DRO) for 24-hour turnaround, one in the area of highest contamination, one five feet below contamination
5. Begin soil investigation of waste oil tank (see Release Investigation #2 below)
6. Receive verbal analytical results for #1 soil boring
7. Determine depth of remaining four soil borings surrounding the release area
8. Drill and complete remaining four soil borings, collect one sample for laboratory analysis from each boring at the same depth as the deepest soil sample of the #1 soil boring
9. Install monitoring wells in appropriate soil borings if soil contamination is within 50 feet of ground water
10. Develop and sample monitoring wells, analyze ground water for 8310 polynuclear aromatic hydrocarbons (PNA)
11. Abandon soil borings as necessary
12. Complete site survey

Analytical results of soil collected at a depth of 8-10 feet after diesel tank removal indicated a relatively low level of 485 parts per million (ppm) total petroleum hydrocarbons (TPH). Therefore, SMA does not expect to encounter diesel soil contamination below a depth of 20 feet, nor is the required installation of monitoring wells at this site anticipated.

Advancement of Soil Borings –

- The project scientist, a NMED Certified Scientist, will oversee all drilling and well completion activities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- SMA proposes drilling the #1 diesel soil boring on the north side of the former tank pit where analytical results reported in the 7-Day report indicate the release occurred
- Soil sampling will be continuous in this #1 diesel soil boring to a depth of 80 feet, or to ground water
- Samples will be collected at five-foot intervals and stored on ice for a determination of which samples will be shipped to the laboratory for analysis

Ground water may be encountered at a depth greater than 80 feet. SMA will proceed with drilling until ground water has been encountered. SMA has included in Section 3.0 a unit cost for additional drilling, which includes professional time, subcontractor drilling cost, storage and disposal of contaminated soil, and soil boring abandonment.

Two of the soil samples from the #1 diesel soil boring will be submitted for laboratory analysis for total petroleum hydrocarbons (TPH) by EPA Method 8015 diesel-range organics (DRO):

- One soil sample for laboratory analysis from a depth of 20 feet, or the depth at which contamination is not identified by field observations, whichever is deeper
- The second soil sample will be collected from a depth at which contamination is no longer observed

ZONE OF HIGHEST CONTAMINATION ???

A total of five soil borings is required by NMUSTR §1205:

- The remaining four soil borings will be advanced to the depth at which contamination was no longer encountered in the #1 soil boring
- One soil sample will be collected for laboratory analysis from this level in each of the remaining soil borings

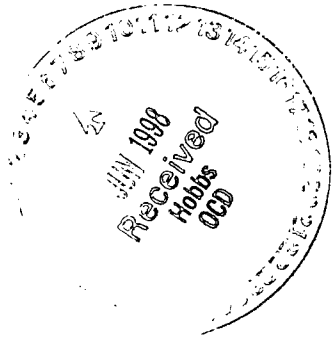
While waiting the 24-hour period required for laboratory analysis, SMA proposes to perform the investigation of the waste oil release also on the property (see "Release Investigation #2", below). SMA thus anticipates no down-time or drill rig stand-by time. While an additional cost of shipment and 24-hour turnaround for two soil samples will be incurred by the City of Hobbs, the cost of drilling to depths beyond what is necessary to determine the vertical and horizontal extent of soil contamination will not be incurred.

Soil Boring Abandonment –

Any soil borings not completed as monitoring wells will be abandoned by placing a minimum of 2-3 feet of bentonite pellets in the bottom of each soil boring, and completing the soil boring with cement grout to the surface.

Soil Boring Surveying –

Soil boring locations will be surveyed in order to generate a site map of the area. Site structures, utility lines, etc. will also be located.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Contaminated Soil Disposal –

Contaminated drill cuttings will be stored in 55-gallon drums for disposal. Clean soil will be stockpiled on site for removal. SMA has selected Rhino Environmental to dispose of contaminated soil drums. Rhino is located in Hobbs, NM.

Completion of Monitoring Wells –

Should SMA's investigation reveal soil contamination within 50 feet of ground water, three monitoring wells are proposed in locations shown in Figure 1 in the center, east and southeast of the diesel tank pit. The proposed monitoring well locations shown on Figure 1 have been selected by SMA based on the reported ground water flow direction to the southeast. Drilling locations were chosen with consideration of subsurface and overhead utility clearance.

Monitoring wells will be installed in the previously completed soil borings to an estimated depth of 90 feet, approximately 10 feet below the deepest level of reported ground water. Monitoring wells will be completed with

- 15-foot length of 0.010-slot screen
- 10-20 silica sand pack to a level 2 feet above the screen
- 2 feet of bentonite above the sand pack
- cement grout to the surface

The monitoring wells will be completed with locking caps and manway covers finished to surface grade in paved areas in order to withstand heavy equipment traffic. Manway covers in dirt areas will be completed pursuant to the NMUSTR Title 20, Chapter 5, Part 12, Appendix D, with a 2-foot minimum radius, 4-inch minimum thickness concrete pad that slopes away from the manway cover.

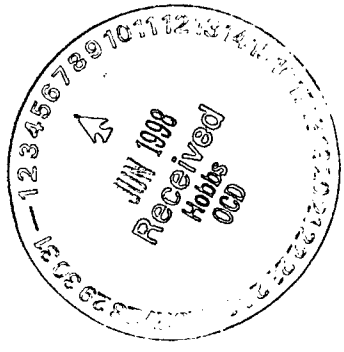
Monitoring Well Development and Sampling –

Monitoring wells will be purged and sampled pursuant to the most recent "UST Soil/Water Sampling & Disposal Guidelines" revised April, 1995. Should new guidelines be published prior to initiation of work, the most recent guidelines will be used. Ground water samples will be collected for laboratory analysis by EPA Method 8310 for polynuclear aromatics (PNA). The samples will be decanted into 1-Liter glass amber bottles and placed on ice for shipment to Hall Environmental Analysis Laboratory.

Monitoring Well Surveying –

Monitoring well locations and casing elevations will be surveyed both to generate a site map and to establish an accurate local ground water gradient. A site benchmark will be used to determine monitoring well casing elevations correlated to sea level datum, latitude and longitude.

SMA's cost for the installation of three monitoring wells is given on a unit cost per linear foot based on the described well design and expected site conditions. SMA's unit cost includes professional time, subcontractor drilling, monitoring well installation and completion, storage and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disposal of contaminated soil, monitoring well development and sampling equipment, and analytical costs. As SMA proposes surveying of the soil boring locations, no additional charge is presented for the monitoring well survey.

1.1.2 Release Investigation #2: 200 gallon Waste Oil UST

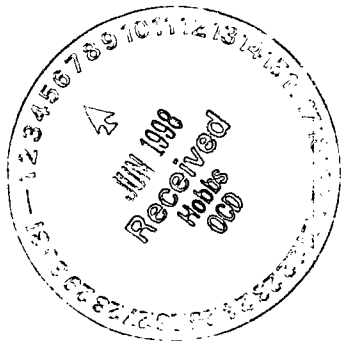
Summary of SMA's approach to the On-Site Investigation of the City of Hobbs Fire Station #3, 200 gallon waste oil tank release:

1. Drill #1 soil boring to the north, #2 to the west of the waste oil tank pit
2. Sampling at five-foot intervals to log soils, collect soil samples, store on ice
3. Collect one soil sample from each soil boring at the depth where contamination is no longer observed, thereby determining the depth of waste oil contamination nearest the release area
4. Ship the two waste oil soil samples for laboratory analysis for 8015 Modified (DRO) for 24-hour turnaround
5. Resume diesel release investigation and possible installation of monitoring wells
6. Receive verbal analytical results of waste oil tank pit samples from the #1 and #2 soil borings
7. Determine depth of remaining two soil borings southeast and east of the building
8. Drill and complete the remaining two soil borings, collect one sample for laboratory analysis from each boring at the same depth as the deepest soil sample of the #1 and #2 soil borings
9. Prepare Request for Variance to NMUSTR §1205.C.(1)(a) to allow the 4 soil borings to demonstrate that soil contamination is restricted to the property boundaries
10. If necessary, prepare Request for Variance to NMUSTR §1205.C.(2)(a) allowing the three monitoring wells installed for the diesel release to demonstrate that ground water contamination of waste oil does not extend a minimal distance of 100 feet beyond the release point
11. Abandon soil borings as necessary
12. Complete site survey

Advancement of Soil Borings –

As stated above, while SMA awaits analytical results of the #1 diesel soil boring samples, drilling at the former waste oil tank location will begin. The 200 gallon (186 gallon, as reported by the City of Hobbs) waste oil tank, abandoned in place and filled with sand, was located inside the Fire Station #3 garage beneath one of the fire trucks. While the ceiling above the garage is an estimated 15 feet, the caliche is reportedly immediately below the tank pit, which presented the City of Hobbs difficulty in collecting a sample after tank closure. The lack of overhead clearance also prevents drilling through the tank pit.

SMA proposes to advance the #1 and #2 soil borings to the north and west of the waste oil tank pit, outside the building as shown on Figure 1. Laboratory analysis of the soil sample collected beneath the waste oil tank indicated a relatively low level of 573 ppm TPH. These soil borings will thus be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advanced to a depth of 20 feet, likely below the depth at which any soil contamination is noted by field observations. A soil sample will be collected from each of these soil borings for laboratory analysis for TPH by Method 8015 Modified (DRO) and submitted to the laboratory for 24-hour turnaround analysis.

The soil boring to the southeast of the waste oil tank is also intended to serve as one of the four soil borings for the diesel release investigation. This soil boring will be advanced next. A fourth soil boring is proposed on the east side of the Fire Station #3 building in the location shown in Figure 1.

Soil Boring Abandonment – will proceed as described above.

Contaminated Soil Disposal – will proceed as described above.

Requests for Variance –

The NMUSTR §1205.C.(1)(a) requires one soil boring to be advanced in the zone of the release site where soil contamination is most likely to be encountered. Limited building clearance prevents investigation within the building beneath the former waste oil tank pit.

By showing that the waste oil release does not extend beyond the property boundaries, SMA will request a variance to the above portion of the NMUSTR to allow four soil borings surrounding the waste oil tank pit to suffice for the on-site investigation. This request for variance will be prepared on behalf of the City of Hobbs pursuant to the requirements of NMUSTR §1222.

Should waste oil contamination extend to a depth that is within 50 feet of ground water, NMUSTR §1205.C.(2)(a) would require the installation of three monitoring wells. Assuming the vertical extent of waste oil contamination is defined by the soil borings as being above the water table, and given the low mobility of waste oil in the environment, the monitoring wells installed for investigation of the diesel release could be used to provide additional verification that waste oil has not impacted ground water. The location of the waste oil tank pit a short distance up gradient of the diesel tank pit further supports the use of the diesel release monitoring wells to verify that waste oil contamination has not impacted ground water. SMA will prepare a request for variance on behalf of the City of Hobbs to avoid the need to install monitoring wells specifically for the waste oil release.

Completion of Monitoring Wells –

One of the three monitoring wells proposed to the southeast of the waste oil tank pit, in a down gradient location, will also serve as one of the three monitoring wells that would be required if waste oil contamination is detected within 50 feet of ground water. The remaining two monitoring wells will be located to the north and east of the building as shown in Figure 1.

Monitoring Well Development and Sampling will be performed as above. Ground water will be collected for laboratory analysis by EPA Method 8310 for polynuclear aromatics (PNA).

Monitoring Well Surveying will be performed as above.

1.2 Task 2 –On-Site Investigation, Minimum Site Assessment Report

Report Preparation –

The SMA project scientist/engineer will gather all available data from the field work and literature review, and prepare the report in accordance with NMUSTR §1205-1206. The drafting technician will draft soil boring logs from field recordings and site maps from survey information. Included in the site map will be underground utilities and subsurface structures that exist on site pursuant to NMUSTR §1206C.(3).

The senior scientist/engineer will aid in data interpretation and review the report. The principal will provide project oversight. At the request of the City of Hobbs, all reports, letters, and other work products will be submitted for review and approval prior to submittal to NMED.

2.0 COST ESTIMATE

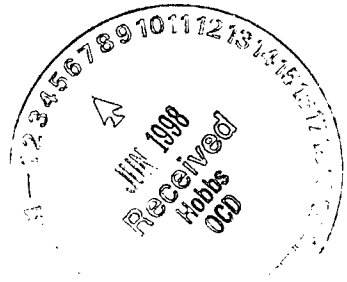
Cost Estimate for On-Site Investigation
City of Hobbs Fire Station #3

Task	Unit Cost	Number of Units	Total Cost Including NMGRT
1: Field Work	$14,011.95	1	$ 14,011.95
Additional Drilling	$46.66	0	$ -
Monitoring Well Installation*	$23.14	261	$ 6,039.54
2: Report	$1,893.38	1	$ 1,893.38
On-Site Investigation			**$ 15,905.33**

* Monitoring Well Installation is not anticipated at this site, costs are not included in the total above

3.0 INSURANCE

SMA is covered by Homestead Insurance Company through Freberg Environmental, Inc. for errors and omissions insurance, policy #138ECL00276. Homestead is rated A by AM Best. SMA's limit of liability is $1,000,000. There have been no prior claims made. Certificates of coverage, if required, are available upon request.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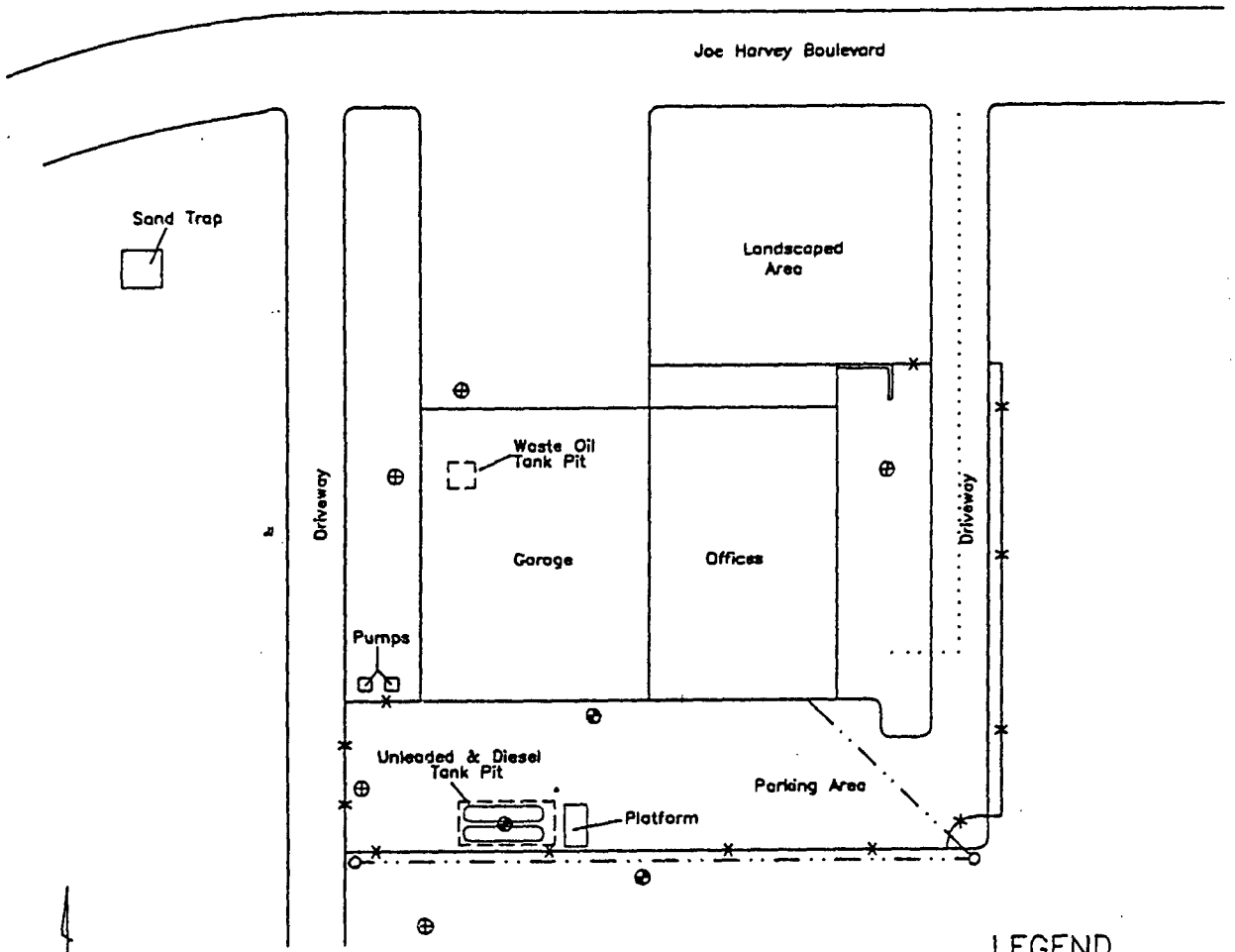


DRAWING NOT TO SCALE

LEGEND

- Underground Electrical Utilities
- Underground Water Utilities
- Fence
- Proposed Monitor Well Location
- Proposed Soil Boring Location

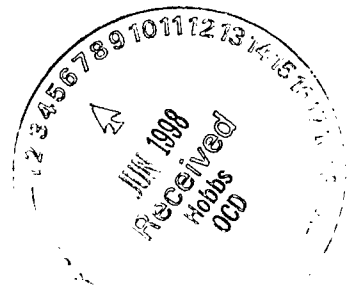
SITE MAP
CITY OF HOBBS – FIRE STATION #3
HOBBS, NEW MEXICO

FIGURE 1

REVISIONS		
BY	DATE	DESCR.
BY	DATE	DESCR.
BY	DATE	DESCR.

DRAWN	JNK 6-97
CHECKED	JAB 7-97 CS#006
APPROVED	RA 7-97 CS#007

SOUDER, MILLER & ASSOCIATES
OIL/ENVIRONMENTAL SCIENTISTS & ENGINEERS
1201 Parkway Drive, Suite C
Santa Fe, New Mexico 87505
(505) 437-9211
Santa Fe – Farmington
Albuquerque – Las Cruces
Miller Engineers, Inc.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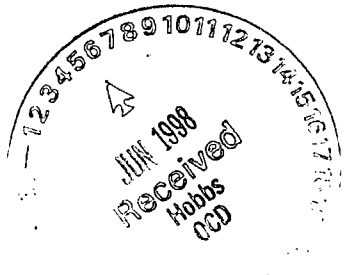
COST DETAIL FORMS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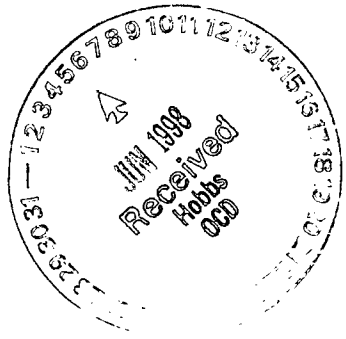
New Mexico Corrective Action Fund Cost Detail Form -- Professional Services

Site Name City of Hobbs Fire Station #3 **Site Address** 1717 Joe Harvey Blvd. Hobbs, NM

Circle only one:	**Circle only one:**		
Workplan *Claim*	**Minimum Site Assessment**	**Phase 2--** Free Product/ Saturated Soil Recovery	**Phase 4--** Reclamation Implementation
	Phase1-- Hydrogeo Investigation	**Phase 3--** Reclamation Proposal	**Phase 5--** Operations and Maintenance

TASK # 1: (brief description) Field Work as Described in Work Plan, **does not include installation of monitoring wells**

PROFESSIONAL SERVICES	Invoice #	Rate	Unit	# of Units	TOTAL	NMED Use Only: Project Manager	NMED Use Only: Auditor
Deliverable #1			hour		$14,011.95		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
Subtotal					$14,011.95		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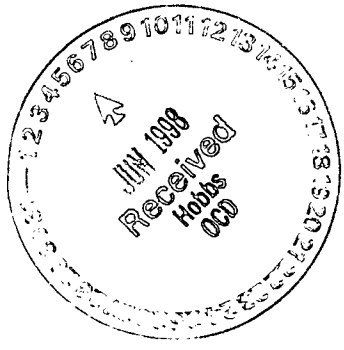
New Mexico Corrective Action Fund Cost Detail Form -- Professional Services

Site Name City of Hobbs Fire Station #3 **Site Address** 1717 Joe Harvey Blvd. Hobbs, NM

Circle only one:	**Circle only one:**		
Workplan *Claim*	**Minimum Site Assessment**	**Phase 2--** Free Product/ Saturated Soil Recovery	**Phase 4--** Reclamation Implementation
	Phase1-- Hydrogeo Investigation	**Phase 3--** Reclamation Proposal	**Phase 5--** Operations and Maintenance

TASK #2 : (brief description) MSA Report

PROFESSIONAL SERVICES	Invoice #	Rate	Unit	# of Units	TOTAL	NMED Use Only: Project Manager	NMED Use Only: Auditor
Deliverable #2			hour		$1,893.38		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
			hour		$0.00		
Subtotal					$1,893.38		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New Mexico Corrective Action Fund Cost Detail Form -- Summary Sheet

Site Name City of Hobbs Fire Station #3 **Site Address** 1717 Joe Harvey Blvd. Hobbs, NM

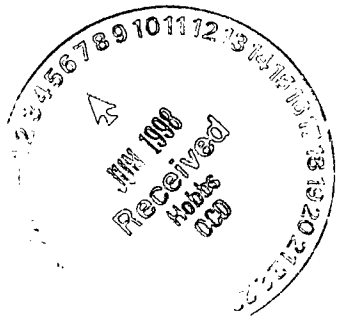
Circle only one:	**Circle only one:**		
Workplan *Claim*	**Minimum Site Assessment**	**Phase 2--** Free Product/ Saturated Soil Recovery	**Phase 4--** Reclamation Implementation
	Phase1-- Hydrogeo Investigation	**Phase 3--** Reclamation Proposal	**Phase 5--** Operations and Maintenance

TASK # : (brief description) Please see individual cost detail forms for specific task descriptions.

SUMMARY SHEET	**TOTAL**
PROFESSIONAL SERVICES	$15,905.33
TAXABLE EXPENSES	$0.00
TAXABLE SUBCONTRACTORS	$0.00
TAXABLE SUBTOTAL	$15,905.33
NMGRT RATE 0 X TAXABLE SUBTOTAL =	$0.00
TOTAL	$15,905.33
NONTAXABLE EXPENSES	$0.00
NONTAXABLE SUBCONTRACTORS	$0.00
NONTAXABLE SUBTOTAL	$0.00
GRAND TOTAL OF CLAIM	**$15,905.33**

NMED Use Only

Project Manager	Auditor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SOUDER, MILLER & ASSOCIATES
CIVIL/ENVIRONMENTAL SCIENTISTS & ENGINEERS

1201 Parkway Drive, Suite C
Santa Fe, NM 87505
(505)473-9211
Fax (505) 471-6675

November 3, 1997 #3326

RECEIVE
NOV - 5 1997

Mr. Steve Reuter, Project Manager
New Mexico Environment Department
Underground Storage Tank Bureau
1190 St. Francis Drive
P.O Box 26110
Santa Fe, New Mexico 87502

VIA FACSIMILE TRANSMISSION AND U.S. MAIL

Re: Addendum to Work Plan, MSA, City of Hobbs Fire Station #3, 1717 Joe Harvey Blvd., Hobbs, NM

Dear Mr. Reuter:

Thank you for taking the time to meet with Souder, Miller & Associates (SMA) to discuss unit costs for drilling at the above site. In the event that a monitoring well or additional soil boring advancement becomes necessary to complete the minimum site assessment (MSA), the following work sheet was prepared to provide a unit cost for either additional soil boring advancement or monitoring well installation. The work sheet is based on the drilling bid obtained from Eades Water Well Drilling and Pump Service. The Eades' drilling bid is also included for reference.

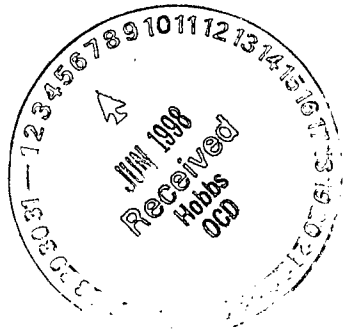
Please note that unit costs indicated in the 9/19/97 work plan have been revised to correct the error discovered during our meeting. Revised unit costs will not change the lump sum for performance of work specified in the 9/19/97 work plan.

If you have any questions, please do not hesitate to call me at 299-0942, or contact Reid Allan in my absence at 473-9211.

Sincerely,
SOUDER, MILLER AND ASSOCIATES

Jane Ann Bode
Project Scientist
NMED Certificate #006

enclosure
cc w/enclosure: Mr. David Hooten, Director, City of Hobbs Emergency Management and Safety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Eades drilling worksheet Fire Sta. #3
Cost per foot based on SMA time, Eades costs, lab, etc.
11/3/97

Drilling and Sampling Soil Borings

Item	Unit Cost	Units	Cost
Mobilization/demobilization	0	1	0.00
Soil Boring	14	230	3,220.00
Hourly rate (incl sampling)	105	21	2,205.00
Soil Boring Abandonment ($756.75/230 ft)	3.29	230	756.75
Soil Storage (3 hrs total X 2/3)	105	2	189.00
Decontamination (6.75 hrs X 3/5)	105	4.05	425.25
Steam Cleaning (5 days X 3/5)	100	3	300.00
Support Vehicle (5 days X 3/5)	175	3	525.00
Other/PPE (5 days X 3/5)	15	3	45.00
Drums and soil disposal (6 total X 2/3)	150	4	594.40
Staff Scientist Time (3 eight hour days)	60	24	1,440.00
Staff Scientist Time (daily setup, 2 hr per day)	60	6	360.00
Telephone	20	1	20.00
Mileage	0.25	24	6.00
Miscellaneous Supplies	15	1	15.00
Total for 230 linear feet			10,101.40
	NMGRT		631.34
Cost per linear foot ($10,101.40/230 ft)			**46.66**

Drilling and Installation of Monitoring Wells

Item	Unit Cost	Units	Cost
Mobilization/demobilization	0	1	0.00
Drilling	14	261	3,654.00
CREDIT: linear feet drilled already	-14	151	-2,114.00
Hourly rate	105		0.00
Monitoring Well Supplies (cost of supplies)	7.58	261	1,978.83
Soil Storage (3 hrs total X 1/3)	105	1	126.00
Decontamination (6.75 hours X 2/5)	105	2.70	283.50
Steam Cleaning (5 days X 2/5)	100	2	200.00
Support Vehicle (5 days X 2/5)	175	2	350.00
Other/PPE(5 days X 2/5)	15	2	30.00
Staff Scientist Time (4 hrs per well)	60	12	720.00
Staff Scientist Time (daily setup)	60	4	240.00
Laboratory Analysis (8310)	130	3	390.00
Water Level Probe	25	2	50.00
Mileage	0.25	16	4.00
Drums and soil disposal (6 total X 1/3)	150	2	284.28
Telephone	20	1	20.00
Dedicated Bailers	10	3	30.00
Total for 201 linear feet			6,246.61
	NMGRT		390.41
Cost per linear foot			**33.02**


JUN 1998
Received

EADES WATER WELL DRILLING
and PUMP SERVICE

1200 EAST BENDER BLVD., HOBBS, N.M. 88240
(505) 392-2457

Jane Ann Bode
SOUDER, MILLER & ASSOCIATES
1201 Parkway Drive, Suite C
Santa Fe, NM 87505
(505) 299-0942 FAX: (505) 647-0799

July 22, 1997

Dear Ms. Bode:

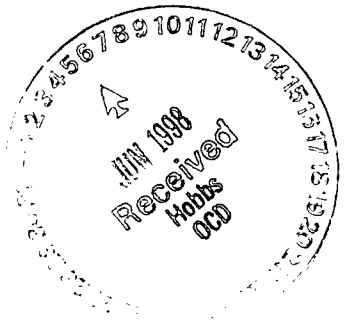
The following are our quoted rates for the City of Hobbs Fire Station #3 project which you requested in your letter dated July 14, 1997.

DRILLING SITE: City of Hobbs Fire Station #3, 1717 Joe Harvey Blvd., Hobbs, NM, SMA Project No. 3326

SCOPE OF WORK: 1.) Drill ten soil borings - one boring will be advanced inside the Fire Station #3, one boring to an approximate depth of 70 feet, and eight borings to an approximate depth of 20 feet each. Backfill each soil boring with two feet of bentonite, clean soil to the surface, and surface completion. 2.) Drill three soil borings to an approximate depth of 87 feet each and install a two inch monitoring well in each of the borings with 10 feet of 0.010 slot screen, silica sand pack to a level of two feet above the screen, two feet of bentonite above the sand pack, and completion to the surface with cement grout. Monitoring wells will be completed with locking caps and flush-mount well vaults.

Eades Drilling & Pump Service is not equipped at this time to drill inside Fire Station #3, and as such we have not included that soil boring in the above estimates.

Item Number & Description	Unit Cost	Estimated Quanity	Estimated Total Item Cost
1. Mobilization/Demobilization Project Coordination/Utility Clearance	N/C See exceptions to *Agreement for Contract Drilling Services* below	1	N/C
2. Soil Boring Drilling and Sampling - One borehole ~ 70' deep each Eight boreholes ~ 20' deep each			
Drilling for Soil Boring without Sampling	$14.00 per foot	230'	$3,220.00
Set-up & Sampling	$105.00 per hour	21	$2,205.00
Total for Item 2			$5,425.00
3. Soil Boring Completion (for 9 borings in Item2)			
Bentonite Chips	$11.50 per bag	4.5	$51.75
Installation of Materials & Asphalt Repair	$105.00 per hour	5	$525.00
Aphalt Patching	$10.00 per bag	18	$180.00
Total for Item 3			$756.75
4. Installation of Monitoring Wells - Three Wells ~ 87' deep each (no samples)			
Drilling for 2" well without Sampling	$14.00 per foot	261'	$3,654.00
Casing:			
2" x 5' x .010 Screen	$20.75 each	-	-
2" x 10' x .010 Screen	$31.70 each	3	$95.10
2" x 10' Blank	$17.10 each	24	$410.40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Item Number & Description	Unit Cost	Estimated Quanity	Estimated Total Item Cost
4. Installation of Monitoring Wells (Cont.)			
2" Slip Cap	$1.43 each	3	$4.29
2" Locking Plug without Lock	$16.68 each	3	$50.04
Sand	$8.50 per bag	9	$76.50
Bentonite Chips	$11.50 per bag	1.5	$17.25
Bentonite/Cement Grout	$9.50 per bag	42	$399.00
8" x 12" Flush-Mount Well Vault w/Cement Pad	$125.00 each	3	$375.00
Set-up & Installation of Materials	$105.00 per hour	5.25	$551.25
Total for Item 4			$5,632.83
5. Soil Storage and Disposal (for 9 borings in Item 2)			
Drums for cuttings	$55.00 each	-	-
Containerize cuttings	$105.00 per hour	3	$315.00
White Plastic (if necessary)	$475.00 per roll	-	-
Total for Item 5			$315.00 315
6. Decontamination/Site Clean-up (for 9 borings in Item 2)			
Decontamination/Site Clean-up	$105.00 per hour	6.75	$708.75
Pavement, lawn or landscape items (sod, etc.)	Actual cost of items to Eades Drilling and Pump Service at time of repair, if necessary		
Total for Item 6			$708.75
7. Steam Cleaning			
Steam Trailer	$100.00 per day	5	$500.00
8. Support Vehicles			
Supply Vehicles, Backhoe/Front-End Loader	$175.00 per day	5	$875.00
9. Other Items			
Standby	$125.00 per hour	-	-
Personal Protection Equipment	$15.00 per day	5	$75.00
Total Estimated Cost for Project (excluding sales tax)			$14,288.33

I estimate five days to complete the requested scope of work. The total estimated cost does not include drums or final disposal of the drums. The total projected cost is subject to change based on factors such as actual number of feet drilled, amount of materials used, days to complete the job, and standby time.

Our exceptions to Conditions of the *Agreement for Contract Drilling Services*, which were faxed to Souder, Miller & Associates in a letter dated December 16, 1994, remain unchanged.

If you have any questions or if I can be of any additional assistance, please contact me at (505) 392-2457.

Sincerely,

Alan Eades

Alan Eades


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
JUN 1998
Received

ENVIRONMENT DEPARTMENT ROUTING SLIP

LETTER TO: Mr. David Hooten

FOR: Mr. J. David Duran's SIGNATURE

DRAFTED BY: SG Reuter DATE: 03/02/98

SUBJECT: MSA Workplan approval

FINAL DECISION NEEDED BY: 03/06/98 REASON: To ensure timely reply.

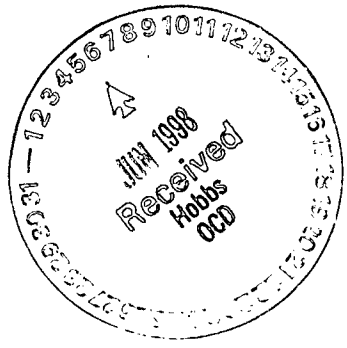
REVIEW:

		INITIAL	DATE REC'D	APPROVED
Steve Huddleson	PROGRAM MANAGER	SMH	3-3	3-3
J. David Duran 3/4 3/11	BUREAU CHIEF	jm	3-3	3/18
_____	DISTRICT MANAGERS	_____	_____	_____
_____	GRANTS	_____	_____	_____
_____	ACCOUNTING	_____	_____	_____
_____	BUDGETS	_____	_____	_____
_____	LEGAL REVIEW	_____	_____	_____
_____	ASD DIRECTOR	_____	_____	_____
_____	WWM DIRECTOR	_____	_____	_____
_____	EPD DIRECTOR	_____	_____	_____
_____	DEPUTY DIRECTOR	_____	_____	_____
_____	SECRETARY	_____	_____	_____
_____	FINANCE	_____	_____	_____
_____	PSB	_____	_____	_____
_____	OTHER	_____	_____	_____

COMMENTS BY DRAFTER OR REVIEWER(S):

_____

_____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NMED - UST 7- Day Report, Cont.

3. City Garage, Texas and 4th Street

1204 B. 1. No known private water wells in the immediate area. There are three City owned water wells on the adjacent properties to this site of contamination.

2. The City of Hobbs will supply information on these wells from our Utility Division and the State Engineers office.

3. This is the center of operations for the majority of our maintenance force. Adjoining to this property is the waste water treatment plant old and new faculty. The water wells on our property are non-potable sources. The ground water at this site has been contaminated by the effluent operations of the treatment plant years ago by open pond percolation and evaporation methods. The extent of ground water contamination is extensive in this area. The City of Hobbs and the NMED Ground Water Bureau have mandates pertaining to these issues, which I have only briefly touched on.

4. No vapors present. Vapor monitor wells had no detectable limits. No airborne vapors were not a problem at this site.

5. No explosive or harmful levels were present.

6. No fire hazards, although there are concerns for safety issues. These two contamination sites are in high vehicular and work force traffic areas. The 12,000 gallon diesel fuel tank was located in front on the garage bay doors. The 200 gallon waste oil tank was located off the northwest corner of the garage building, there was concern about possible building damage from the excavation of the tank. Any over-excavation remediation work at this facility will have some problems to encounter.

7. The City of Hobbs owned the central fuel depot at this location. Products stored in the UST's have been diesel, leaded and unleaded gasoline, and waste oil over the many years of operations at this site.


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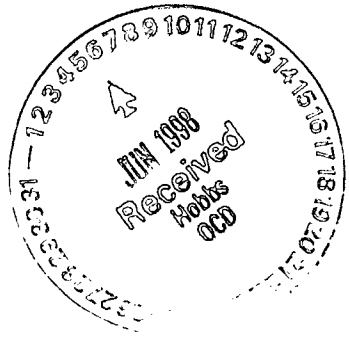
Hopefully, this gives the you some information about the facilities in question. **The City of Hobbs is requesting a variance (NMED UST Regs. 1222 Request For Variance).** We would like to ask for a 90-day extension in this investigative and remediation process. It is my intention to get this environmental issue underway and terminated as quickly as possible within the local constraints of government and procurement.

We have contacted Souder, Miller and Associates, I believe you probably have been contacted by Jane Ann Bode. I am working on contract documents to secure their firm to do the site-work investigative actions. I am expectant that they will be our agents in the second phase of related work addressing the environmental issues and bring a resolution to this matter.

Again, thank you for your time and attention to our local concern at hand. Please contact me if you have further questions that I have not answered.

Sincerely,

David Ray Hooten
Emergency Management Director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NMOCD TIME EXTENSION LETTER

THE CITY OF
HOBBS, NEW MEXICO

(505) 397-9231 • 300 NORTH TURNER • HOBBS, NEW MEXICO 88240
FAX # (505) 397-9334

Office of
EMERGENCY MANAGEMENT/SAFETY
LEPC—SARA TITLE III
HAZ-MAT

RECEIVED
MAY 5 1997

April 29, 1997

State of New Mexico
Environment Department
Underground Storage Tank Bureau
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico, 87502

RE: Confirmed Release at Fire Station #3, 1717 Joe Harvey Blvd. - Facility #5879004
Confirmed Release at City Garage, Texas and 4th Street - Facility #5879005
Hobbs, New Mexico 88240

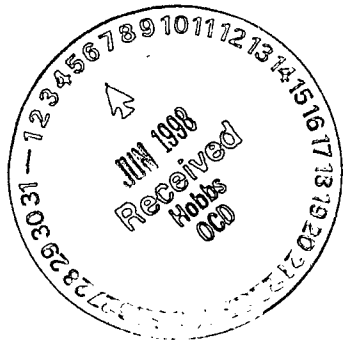
Attention: Mr. Stephen Reuter, Geologists/UST Bureau

Dear Mr. Reuter:

Please accept my apology for not getting the 7-day report to you, other issues were pressing as I explained this to you by our phone conversation on this date. I want to assure you that I am working towards the remediation efforts on these two contaminated sites. I appreciate your help and answers to my questions.

The City of Hobbs has removed all the UST's that would not be in compliance with the 1998 regulations. Effective March 31, 1997 we got out of the fuel dispensing business and have contracted this to a wholesaler. We bid out the removal of the 8 UST's. A local firm was awarded this contract and performed all the work to date. On personal inspection of the removed tanks, I witnessed no UST that was leaking or none of the associated piping. It was on April 8, 1997 that I was notified that our soil samples at these sites had greater than 100 ppm.

I had Mr. Gary Blocker in my office on this date to close out the documentation for closure and report notices filed for the new information pertaining to site contamination by historical **overfill and spillage from prior years of use.** Gary and myself made the phone call report to the UST Bureau on-call environmentalist. UST Regulation 204 and the required information was provided by the initial phone.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Report Information:

1.. David Ray Hooten (point of contact) Phone 505-397-9231
300 N. Turner
Hobbs, New Mexico, 88240

.2. **Hobbs Fire Station #3, 1717 Joe Harvey Blvd.**

1204 B. 1. There are no private wells located near the fire station, although there are public water supply wells within 300/500 feet of the contaminated site

2. The City of Hobbs will supply information about these wells from our Utility Division and the State Engineers Office in regards to depth and construction.

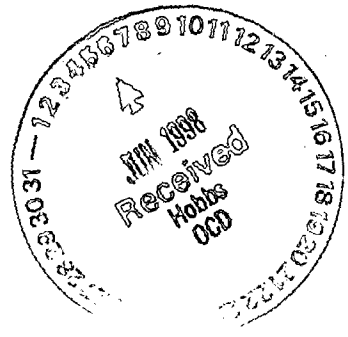
3. No impact are known to date, City water wells are tested on a monthly basis for any contaminants, especially those related to hydrocarbons in fuels.

4. No vapors were ever present in the suspect sites, we had vapor monitor wells at these sites and no detectable vapors were recorded. Nothing was airborne.

5. No fire or explosion hazards.

6. Safety hazards - the one waste oil tank is located in the fire apparatus truck hall, this particular tank registered 563 ppm tph on the soil tests, from overspill/filling the 186 gallon tank. The tank has been out of service for three years and was drained of waste oil, then filled with a solution of Micro-Blaze. No leaks detected on annual testing and on our bid to remove these tanks was approved by NMED-UST local office to fill in-place with sand. To do site investigative work here will not be in the normal scope of operations. **The City of Hobbs would like to discuss a variance to this particular site and the related functions that operate from this facility as a fire and ambulance station.**

7. The ownership of these tanks; 1 diesel fuel, 4,000 gallon and 1 waste oil tank, 186 gallon have belonged to the City. Diesel fuel for the fire and ambulances stationed there. The waste oil tank contained the motor oils from fire apparatus, ambulances that were serviced at this location.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NMED - UST 7- Day Report, Cont.

3. **City Garage, Texas and 4th Street**

1204 B. 1. No known private water wells in the immediate area. There are three City owned water wells on the adjacent properties to this site of contamination.

2. The City of Hobbs will supply information on these wells from our Utility Division and the State Engineers office.

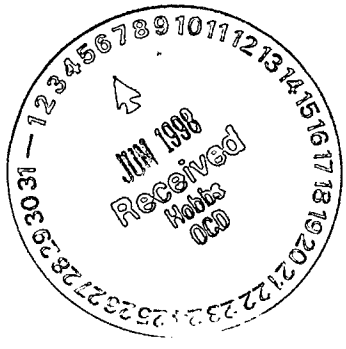
3. This is the center of operations for the majority of our maintenance force. Adjoining to this property is the waste water treatment plant old and new faculty. The water wells on our property are non-potable sources. The ground water at this site has been contaminated by the effluent operations of the treatment plant years ago by open pond percolation and evaporation methods. The extent of ground water contamination is extensive in this area. The City of Hobbs and the NMED Ground Water Bureau have mandates pertaining to these issues, which I have only briefly touched on.

4. No vapors present. Vapor monitor wells had no detectable limits. No airborne vapors were not a problem at this site.

5. No explosive or harmful levels were present.

6. No fire hazards, although there are concerns for safety issues. These two contamination sites are in high vehicular and work force traffic areas. The 12,000 gallon diesel fuel tank was located in front on the garage bay doors. The 200 gallon waste oil tank was located off the northwest corner of the garage building, there was concern about possible building damage from the excavation of the tank. Any over-excavation remediation work at this facility will have some problems to encounter.

7. The City of Hobbs owned the central fuel depot at this location. Products stored in the UST's have been diesel, leaded and unleaded gasoline, and waste oil over the many years of operations at this site.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Hopefully, this gives the you some information about the facilities in question. **The City of Hobbs is requesting a variance (NMED UST Regs. 1222 Request For Variance).** We would like to ask for a 90-day extension in this investigative and remediation process. It is my intention to get this environmental issue underway and terminated as quickly as possible within the local constraints of government and procurement.

We have contacted Souder, Miller and Associates, I believe you probably have been contacted by Jane Ann Bode. I am working on contract documents to secure their firm to do the site-work investigative actions. I am expectant that they will be our agents in the second phase of related work addressing the environmental issues and bring a resolution to this matter.

Again, thank you for your time and attention to our local concern at hand. Please contact me if you have further questions that I have not answered.

Sincerely,

David Ray Hooten
Emergency Management Director


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OGD

State of New Mexico

ENVIRONMENT DEPARTMENT

JUDITH M. ESPINOSA
SECRETARY

RON CURRY
DEPUTY SECRETARY

BRUCE KING
GOVERNOR

August 17, 1992

Mr. Lanny Taylor
Queen Oil & Gas Company
P. O. Box 1098
Hobbs, NM 88240

RE: HYDROCARBON CONTAMINATED SOIL AT QUEEN OIL CO. FACILITY, HIGHWAY 18 & WEST COUNTY RD., HOBBS, NEW MEXICO

Dear Mr. Taylor:

The New Mexico Environment Department (NMED) is in receipt of the laboratory analysis on the soil samples collected from the excavation pit and the stockpiled soils for the aforementioned site. NMED approves these analyses as they adequately meet the requirements of the New Mexico Underground Storage Tank Regulations (USTR) Section 1209 for soil cleanup standards. NMED has determined that this site does not pose an immediate public health or environmental threat for the following reasons:

1. Soil contamination above USTR standards has been properly disposed of and soil contamination did not extend beyond an approximate depth of 12 feet below land surface.

3. Depth to water at the site was shown to be approximately 100 feet below land surface.

Therefore, NMED is not requiring additional work at this time. However, NMED reserves the right to require additional work in the future if data become available that indicate the presence of petroleum hydrocarbon contamination emanating from or in the vicinity of this site resulting in a threat to human health or the environment.

NMED appreciates your cooperation in dealing with this matter. Please contact me at 827-0158 if you have any questions.

Sincerely,

Anthony Moreland
Acting Manager, Remedial Action Section
Underground Storage Tank Bureau

cc: NMED District IV, Roswell
NMED Hobbs Field Office
file

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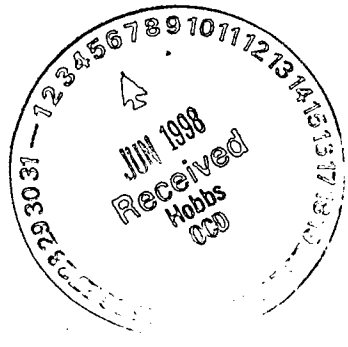
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CLINE PUMP COMPANY, INC.

P.O. BOX 674 - 313 WEST MARLAND

PHONE (505)397-2824 FAX (505)397-2093

HOBBS, NEW MEXICO 88241-0674

FAX MESSAGE

TOTAL PAGES, INCLUDING THIS COVER SHEET: 2

FIRM: N.M. Environment Dept. UST *DATE:* August 11, 1992

NAME: Steve Wild *FAX:* 1-827-2836

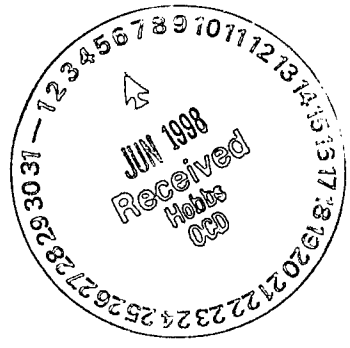
SUBJECT: AS PER REQUEST:

Report of Cardinal Laboratories: Queen Oil Company
West County Road and Hwy. 18 N.
Hobbs, New Mexico 88240

CLINE PUMP COMPANY, INC.

Lee Wild

...JUST THE FAX, PLEASE!!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ARDINAL LABORATORIES
PHONE (915) 673-7001 • 2110 N. WILLIS • ABILENE, TEXAS 79603

6310020

FINAL ANALYSIS REPORT

Company: CLINE PUMP
Address: 313 W. Marland
City, State: Hobbs, NM

Date: 08/06/92
Lab # H1000

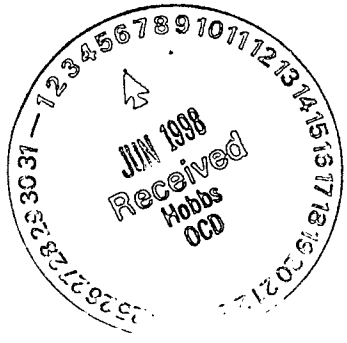
Project Name: Queen Oil
Project Location: West County Rd.; Hobbs, NM
Sampled by: Lex Hill Date: 07/31/92 Time: 14:00
Analyzed by: SS/KM Date: 08/06/92 Time: 09:15
Type of Samples: Soil Sample Condition: Cool/Sealed Units: mg/kg (PPM)

Samp #	Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE	MTBE
1	Aerated Stckpl	***	.005	.013	.004	.003	.006	.004	.014
	QC Recovery	***	1.905	1.959	2.088	2.022	2.173	2.226	1.957
	QC Spike	***	2.069	2.057	2.109	2.042	2.215	2.210	1.786
	Accuracy	***	92.0%	95.2%	98.9%	99.0%	98.1%	100.7%	109.6%
	Air Blank	***	<1	<1	<1	<1	<1	<1	<1

Methods - AUTOMATED HEADSPACE GC; INFRARED SPECTROSCOPY
- EPA SW-846; EPA METHODS 8020, 418.1, 3540 OR 3510

Larry L. Bailey

Date 8-6-92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QUEEN OIL - HOBBS

CASE SUMMARY

These guys had a minor line leak from a swing joint connected to to their premium unleaded tank. The problem was discovered when the line failed a tightness test. They went in and excavated all of the contaminated soil. The total depth of the excavation was about 12 feet. Three samples from the bottom of the excavation were all well below our 100 ppm standard. Depth to water at the site is approximately 100 feet. As you can see from my letter of August 3, 1992, I told them that all they need to do before we can close this case is to submit the analytical results of a soil sample collected from the contaminated soil that was excavated (assuming that the results indicate that the contamination has dropped to below the 100 ppm level). Once we get the results of this sample analysis, I recommend that a closure letter be issued.

Steve Wild
August 1, 1992


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State of New Mexico

ENVIRONMENT DEPARTMENT

JUDITH M. ESPINOSA
SECRETARY

RON CURRY
DEPUTY SECRETARY

BRUCE KING
GOVERNOR

August 3, 1992

Mr. Lanny Taylor
Queen Oil & Gas Co.
P.O. Box 1098
Hobbs, NM 88240

RE: REVIEW OF SITE CHECK REPORT AND ADDITIONAL WORK REQUIRED AT QUEEN OIL & GAS FACILITY, HIGHWAY 18 & WEST COUNTY RD., HOBBS, NEW MEXICO

Dear Mr. Taylor:

This letter follows our telephone conversation of July 31, 1992. The New Mexico Environment Department (NMED) has reviewed the site check report submitted by your representative, Cline Pump Company, for the suspected release at the above mentioned facility. According to this report, a defective swing joint in the piping for the premium unleaded tank released a small amount of hydrocarbons into the subsurface. This swing joint was subsequently repaired and excavation of the hydrocarbon-contaminated soils was commenced.

Laboratory analytical results of soil samples collected from the bottom of the excavation indicate that all of the soils contaminated above the 100 parts per million (ppm) remediation level specified in Section 1209 D(3)(a) of the New Mexico Underground Storage Tank Regulations (USTR) have been removed from the ground. The total depth of the excavation was approximately 12 feet below surface grade (BSG). According to the 7-day report submitted, depth to water at the site is approximately 100 feet BSG. NMED therefore concludes that ground-water contamination has not occurred and that there is no potential for ground-water contamination from this release. Thus, pursuant to USTR Section 1205 A, no On-Site Investigation is required at this site.

All that remains to be done at the site before NMED can issue a closure is the collection and analysis of a soil sample from the previously contaminated soils that were excavated and thin-spread. This sample is required in order to confirm that the contaminated soils have been successfully remediated below the required 100 ppm remediation level specified in USTR 1209 D(3)(a). Upon receipt of an analytical result which indicates that the soils have been successfully remediated below this 100 ppm level, NMED will issue a closure letter for this site.

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Harold Runnels Building • 1190 St. Francis Drive • P.O. Box 26110 • Santa Fe, New Mexico 87502
(505) 827-2850 FAX (505) 827-2836


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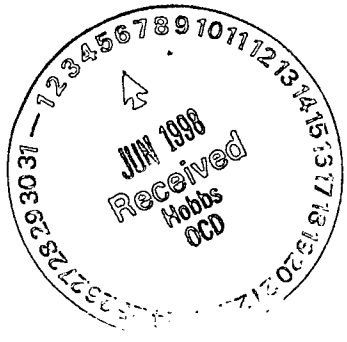
NMED appreciates your cooperation in the investigation and remediation of this contamination incident. If you have any questions, you may contact me at 827-2916 until August 5, 1992. After August 5, please refer any questions to Tony Moreland at 827-0158.

Sincerely,

Steve Wild
Water Resource Specialist
Underground Storage Tank Bureau

cc: Lex Hill, Cline Pump Company
NMED Hobbs Field Office
NMED District IV Office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NM Environment Department
Underground Storage Tank Bureau
Prevention/Inspection Section
P.O. Box 26110
Santa Fe, New Mexico 87502-6110
(505) 827-0216

INSPECTION REPORT

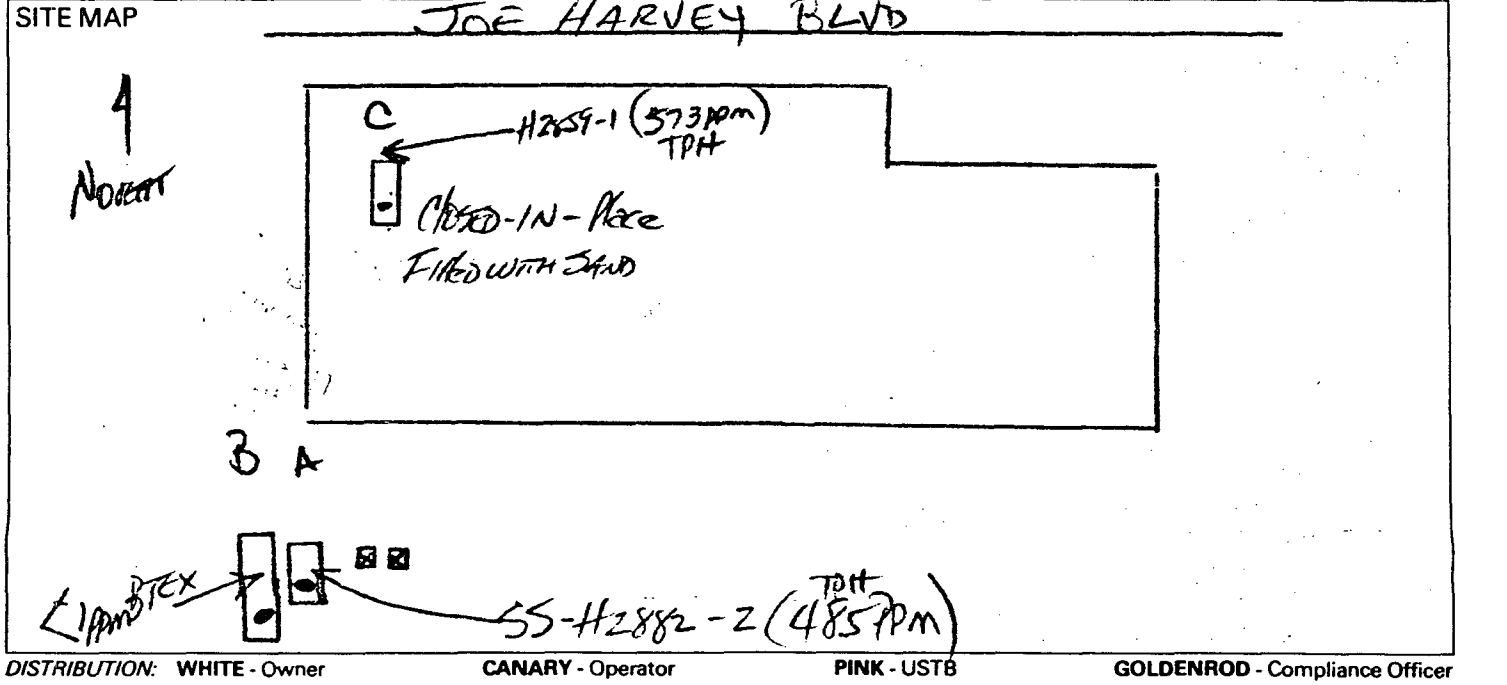
DATE	CASE NUMBER	OPENING CONFERENCE TIME
4/8/97	581	1020AM

INSPECTION TYPE: ☐ COMPLIANCE ☒ TANK CLOSURE ☐ REPAIR ☐ MODIFICATION ☐ REINSPECTION ☐ INSTALLATION ☐ COMPLAINT

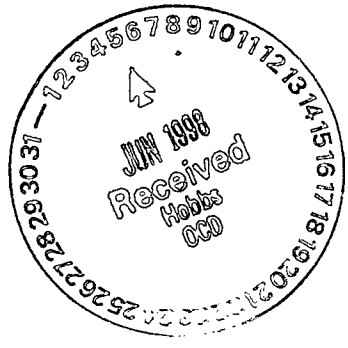
Facility Name: 1. FIRE DEPARTMENT STATION 3	Facility No.: 5879004	Phone No.: 397-9308
Address: 1717 JOE HARVEY BLVD HOBBS NM		ZIP Code: 88240
Owner Name: 2. HOBBS CITY OF	Owner No.: 5879	Phone No.: 393-2870
Address: 300 NORTH TURNER HOBBS NM		ZIP Code: 88240
Facility Operator: 3. SAME AS #2		Phone No.:
Address:		ZIP Code:
Contractor Name: 4. CLINE PUMP CO	Installer No.: LEXHILL 019	Phone No.: 397-2824
Address: PO BOX 674 HOBBS NM		ZIP Code: 88240

TANK NO.	SIZE	CONTENTS	INSTALLATION DATE	TANK CONSTRUCTION	PIPING CONSTRUCTION	TANK RELEASE DETECTION	PIPING RELEASE DETECTION	TANK STATUS
A	560g	EMPTY DIESEL	14FEB82	STL	STL	TT/ICR	NA	PC
B	1000g	EMPTY UL	✓	✓	✓	✓	✓	PC
C	200g	EMPTY USED OIL	16FEB85	✓	✓	EMPTY NA	✓	C-IN-PLACE

SITE MAP



DISTRIBUTION: WHITE - Owner CANARY - Operator PINK - USTB GOLDENROD - Compliance Officer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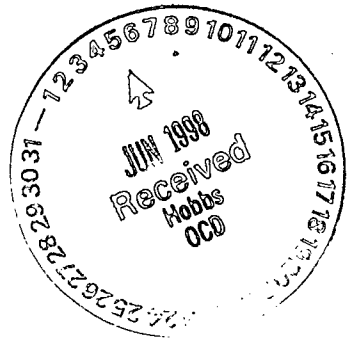
		Yes	No	Unk.	N/A	
1. All applicable tanks on site are registered.	1.	X				
2. Proper notification was made for the following:	2.					
a. Closure	a.	X				1/14/97
b. Installation	b.				X	
c. Modification	c.				X	
d. Repair	d.				X	
3. Tanks closed properly.	3.	X				
4. Tanks installed properly.	4.				X	
5. Tanks repaired/modified properly.	5.				X	
6. Release detection — tanks.	6.	X				TT/ICR
7. Release detection — piping.	7.				X	
8. Record keeping:	8.					
a. Cathodic protection monitoring.	a.				X	
b. Impressed current monitoring.	b.				X	
c. Tank tightness test.	c.				X	
d. Line tightness test.	d.				X	
e. Line leak detector test.	e.				X	
f. Release detection performance claims, tests.	f.				X	
g. Release detection sampling/testing results.	g.	X				
h. Inventory records.	h.				X	
i. Permanent closure records.	i.	X				Glover/Horns Numb
j. Proof of financial responsibility.	j.	X				
9. Evidence of release/spill.	9.	X				

Beth Abbruzzo

COMMENTS: 1/14/97 - Received Closure Notice - Agreed to Closure-In-Place for Used Oil Tank Located Inside Fire Station -
4/2 Visited Site of Removal That Occurred on 3/25/97
I was Unable to be present at time of Removal -
4/8 - Reviewed Lab Analysis Reports with David Hooten, Emergency Management Director - Reportable Levels of Total Petroleum Hydrocarbons found below Diesel Tank (A) and Used Oil Tank (C) That was Closed In Place - Initial Incident Report Form Prepared & Owner's Responsibility Form prepared -

CLOSING CONFERENCE:	DATE 4/8/97	TIME 4:30PM
Compliance Officer's Signature: John Boeh	Date 4/8/97	
On-site Representative's Signature: David Ray Hooten	Date 4-8-97	

DISTRIBUTION: **WHITE** - Owner **CANARY** - Operator **PINK** - USTB **GOLDENROD** - Compliance Officer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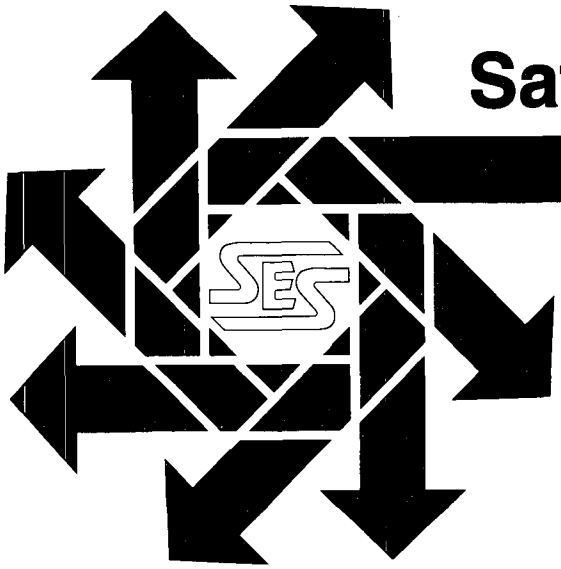


Safety & Environmental Solutions, Inc.

Scurlock Permian Corp.
Hobbs Yard
3514 Lovington Highway
Hobbs, NM 88240

COPY

Sump and Sand Trap Removal Closure Report

3514 Lovington Highway
Hobbs, New Mexico

Safety & Environmental Solutions, Inc.
703 E. Clinton Suite 103
Hobbs, New Mexico 88240
(505) 397-0510

TABLE OF CONTENTS

The composite samples were analyzed for BTEX, TPH and Chlorides (EPA Methods 600/4-79-020, 418.1, 325.3 and SW 846-8020). The results were compared to the regulatory limits found in **"Guidelines for Remediation of Leaks, Spills and Releases"** *New Mexico Oil Conservation Division* - August 13, 1993. The results were within EPA limits, except the TPH on the sand trap side sample which was 160ppm. (See Analytical report attached)

V. Work Performed

On October 20, 1997 excavation was begun on the sump area. On October 21, 1997, Sullivan Crane Service removed the sump tank. Excavation was begun on the sand trap and liner areas, with the sand trap material broken up and removed. The contaminated soils were hauled off-site to an approved disposal facility.

The final excavated site was backfilled with clean soil that was hauled in from off location.

VI. Surface Water and Waterways

The distance to the nearest surface water is in excess of 1 mile.

VII. Groundwater

Eleven (11) water wells are on record with the New Mexico State Engineer and the United States Geological Survey in Albuquerque within 1 mile of the subject property. The water levels of these well are reported in the attached USGS Water Level Report. The groundwater in this area flows from the northwest to southeast.

VIII. Soil Information

United States Soil Conservation Service Soil Survey of Lea County, New Mexico indicates that the soil in the spill pile is yellowish - red sandy soils. (Soil Survey Map)

IX. Maps and Figures

Vicinity Map
Water Resource Map
Soil Survey Map
Site Plan
USGS Water Level Report
Chain of Custody Forms
Analytical Results

I. Physical Description

The removal of the sump, sand trap and contaminated soil and backfilling of the resulting hole was done at the Scurlock Permian Corporation yard located at 3514 Lovington Highway, Hobbs, New Mexico.

II. Background

Approval was given from the NMOCD for removal of the sump and sand trap and any contaminated soils from the site and backfilling of the resultant excavation with clean soil.

III. Contaminant and Size of Excavation

The contaminant of concern from the sump and sand trap consisted of non RCRA exempt residual crude oil. The total site excavation was approximately 15 feet in width by 120 feet in length with a final depth of 11 feet to remove contaminated soils.

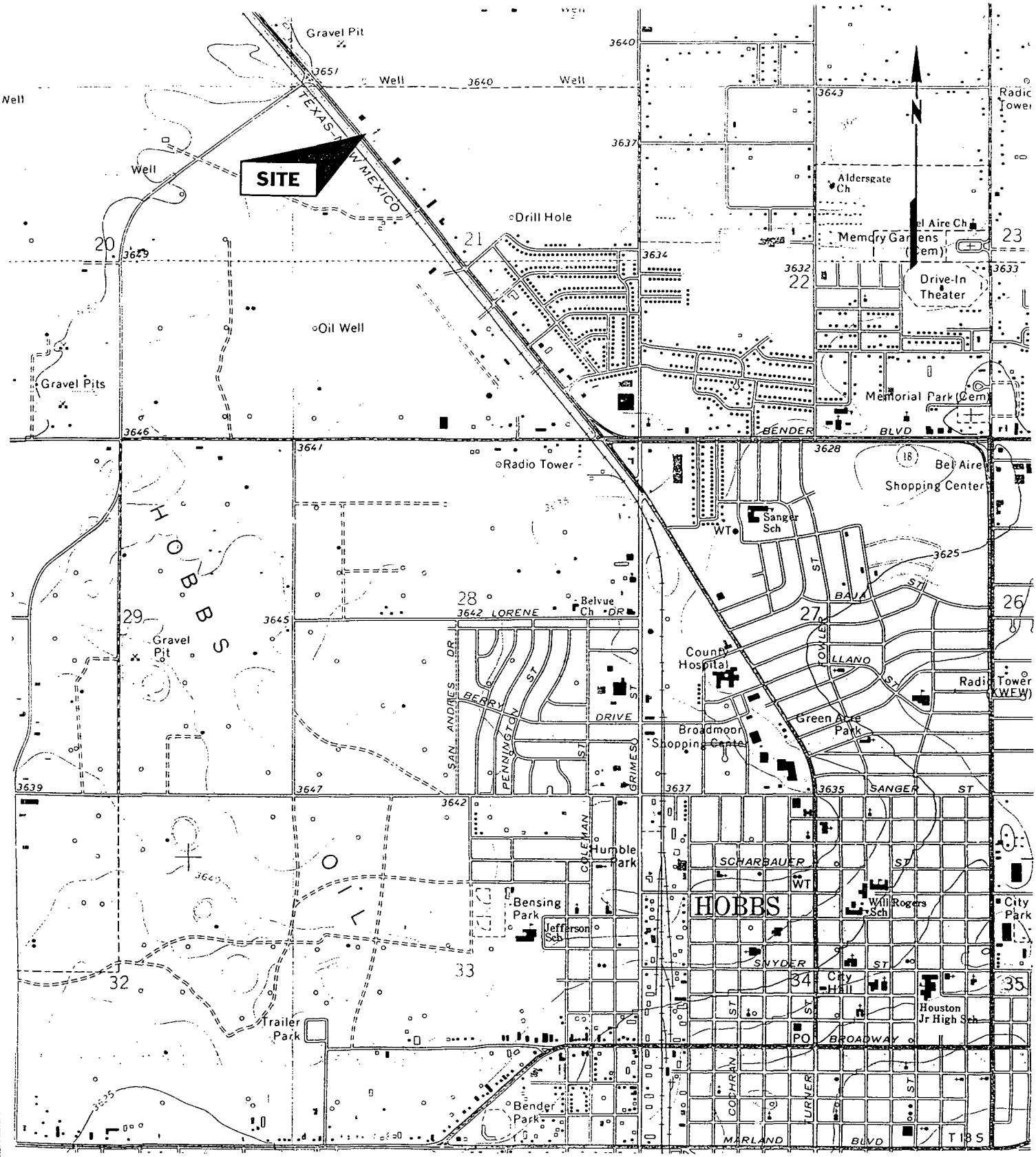
IV. Sampling and Analytical Results

Composite samples of the soils were tested for Total Petroleum Hydrocarbons (TPH) and Chlorides during excavation to monitor contamination and delineate excavation limits.

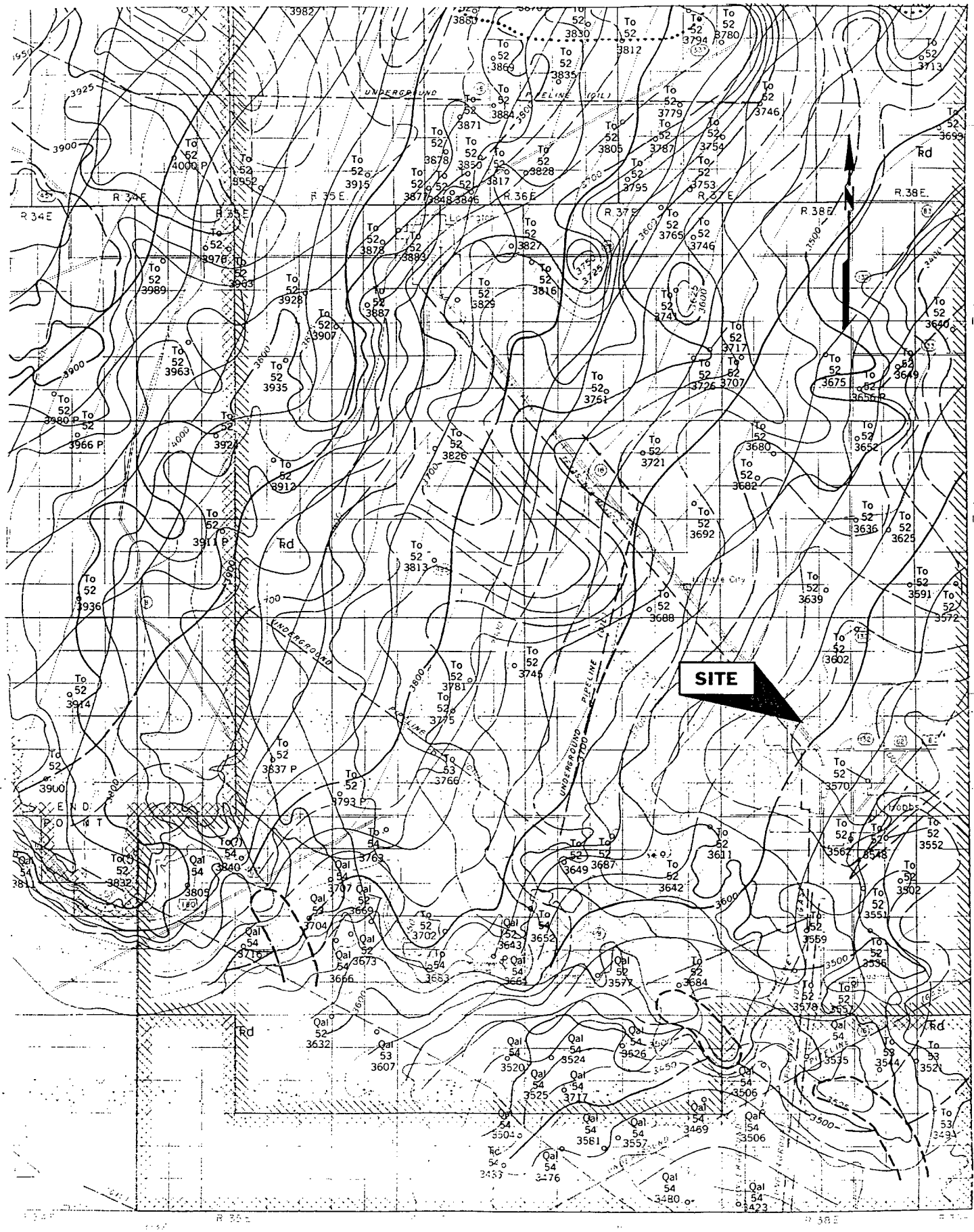
During excavation, composite samples were taken of the sump, sand trap and connecting line and sent to the laboratory for confirmation of field tests. The composite samples were analyzed for BTEX, TPH and Chlorides (EPA Methods 600/4-79-020, 418.1, 325.3 and SW 846-8020). The results exceeded EPA limits, especially on the sample from the line bottom. (See Analytical report attached)

These samples were composites gathered using SOPs found in **Environmental Protection Agency, 1984, Characterization of Hazardous Waste Site - A Methods Manual: Vol II.** The results of the Chlorides, BTEX and TPH were compared to the regulatory limits found in **"Guidelines for Remediation of Leaks, Spills and Releases"** *New Mexico Oil Conservation Division* - August 13, 1993.

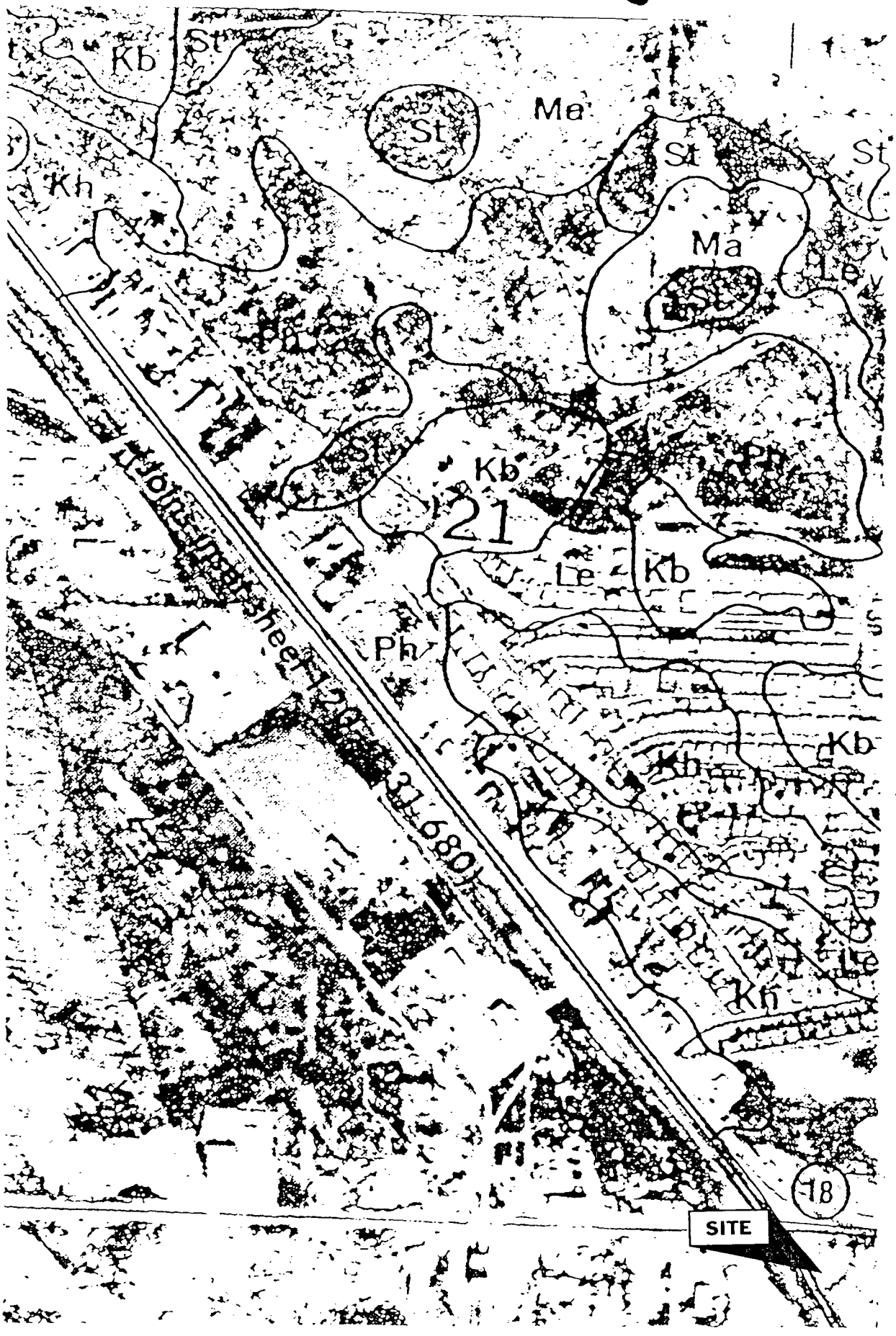
Upon completion of the excavation, final composite samples of the sump bottom and sides and the sand trap sides and bottoms were taken on October 23, 1997 to the laboratory for analysis. The soil samples were gathered using SOPs found in **Environmental Protection Agency, 1984, Characterization of Hazardous Waste Site - A Methods Manual: Vol II.**



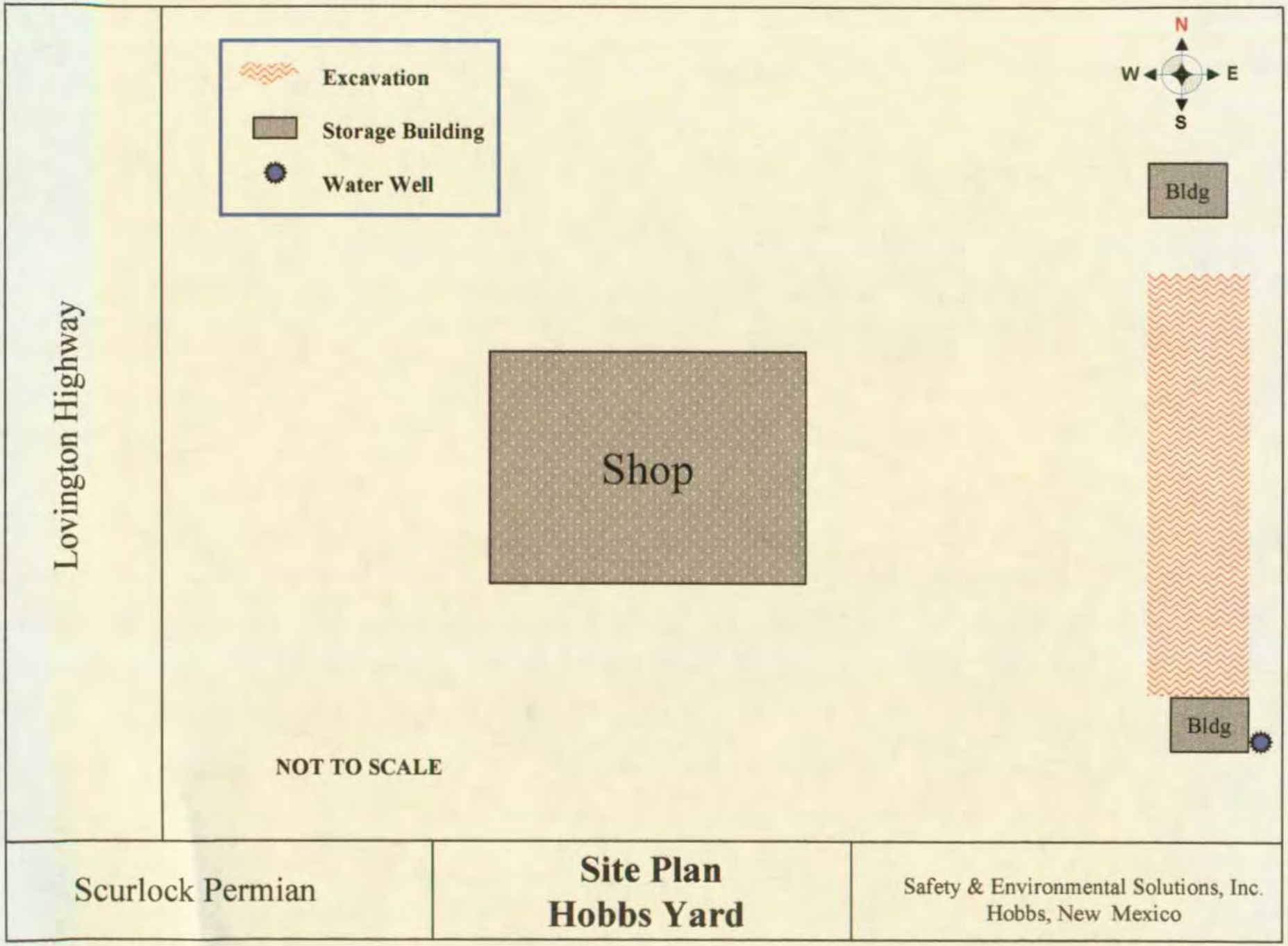
Scurlock Permian Corporation	**Vicinity Map** **Hobbs Yard**	**Safety & Environmental Solutions, Inc.** **Hobbs, NM 88241**



Scurlock Permian Corporation	**Water Resource Map** **Hobbs Yard**	**Safety & Environmental Solutions, Inc.** **Hobbs, NM 88241**



Scurlock Permian Corporation	Soil Survey Map Hobbs Yard	Safety & Environmental Solutions, Inc. Hobbs, NM 88241



Scurlock Permian	**Site Plan** **Hobbs Yard**	Safety & Environmental Solutions, Inc. Hobbs, New Mexico

USGS WATER LEVEL REPORT FOR T18S, R38E, LEA COUNTY, NM

FIELD	CODE	DESCRIPTION	LOC	LEN
1	C012	Local well number	1	24
2	C009	Latitude	25	7
3	C010	Longitude	32	8
4	C235	Water-level measurement date	25	8
5	C237	Water level	33	7
6	C238	Water-level status	40	1

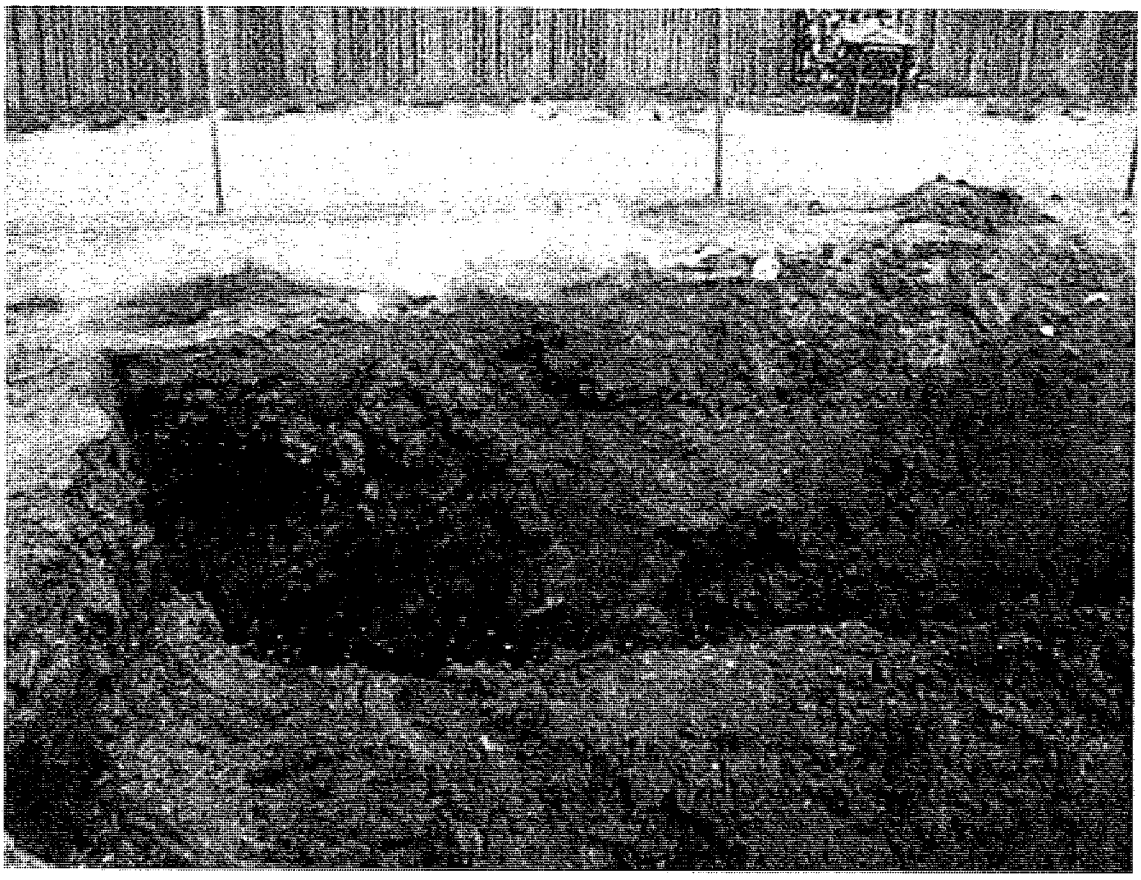
CODES FOR WATER-LEVEL STATUS

D - The site was dry (no water level is recorded).
E - The site was flowing recently.
F - The site was flowing, but the head could not be measured (no water level is recorded).
G - A nearby site that taps the same aquifer was flowing.
H - A nearby site that taps the same aquifer had been flowing recently.
I - Injector site (recharge water being injected into the aquifer).
J - Injector site monitor (a nearby site that taps the same aquifer is injecting recharge water).
N - The measurements at this site were discontinued.
O - An obstruction was encountered in the well above the water surface (no water level is recorded).
P - The site was being pumped.
R - The site had been pumped recently.
S - A nearby site that taps the same aquifer was being pumped.
T - A nearby site that taps the same aquifer had been pumped recently.
V - A foreign substance was present on the surface of the water.
W - The well was destroyed.
X - The water level was affected by stage in nearby surface-water site.
Z - Other conditions that would affect the measured water level (explain in remarks).

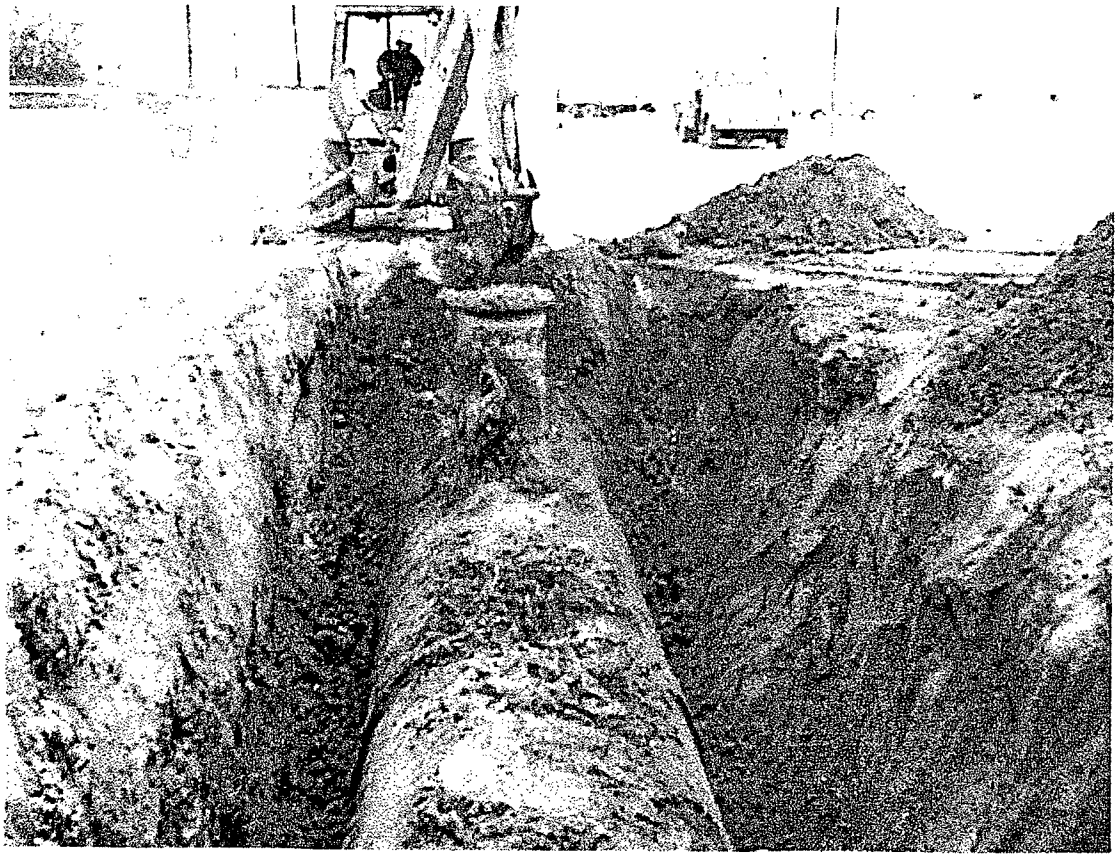
If no site status is indicated, the inventoried water-level measurement represents a static level.

Legal Description	Latitude/Longitude	Dated Last Sampled	Water Level
18S.38E.15.24111	32-44-50 103-07-45	1970-01-06	54.95
18S.38E.15.241111	32-44-47 103-07-47	1991-04-05	80.00
18S.38E.16.14242	32-44-45 103-09-07	1991-03-01	82.80
18S.38E.16.44333	32-44-09 103-08-50	1986-02-21	78.34
18S.38E.17.231434	32-44-43 103-10-02	1976-02-17	44.77
18S.38E.17.23224	32-44-57 103-10-05		
18S.38E.17.232241	32-44-51 103-09-46	1991-03-01	65.98
18S.38E.17.232242	32-44-47 103-09-53	1966-03-30	38.50
18S.38E.20.11210	32-44-08 103-10-30	1976-11-24	40.53
18S.38E.20.213332	32-43-56 103-10-07	1996-01-24	53.98
18S.38E.20.34444	32-43-33 103-10-11		
18S.38E.20.443111	32-43-21 103-09-58	1957-08-29	30.06
18S.38E.21.13143	32-43-50 103-09-33	1976-02-18	52.99
18S.38E.22.111142	32-44-06 103-08-33	1966-03-03	49.05
18S.38E.22.12134	32-44-08 103-08-09	1961-02-03	41.39
18S.38E.22.211111	32-44-07 103-08-04	1981-04-02	89.54
18S.38E.22.41131	32-44-05 103-08-05	1957-01-11	47.56
18S.38E.22.42112	32-43-48 103-07-38	1946-01-31	38.26
18S.38E.22.431421	32-44-00 103-08-05	1962-01-24	58.78
18S.38E.27.112	32-43-20 103-08-24		
18S.38E.27.11433	32-43-30 103-11-45	1968-01-05	56.69
18S.38E.27.3	32-42-30 103-08-27		

18S.38E.28.234442	32-42-49	103-08-55	1986-02-21	66.46
18S.38E.29.231113	32-43-01	103-10-10	1957-08-14	25.15
18S.38E.29.421222	32-42-48	103-09-49	1986-03-20	55.92

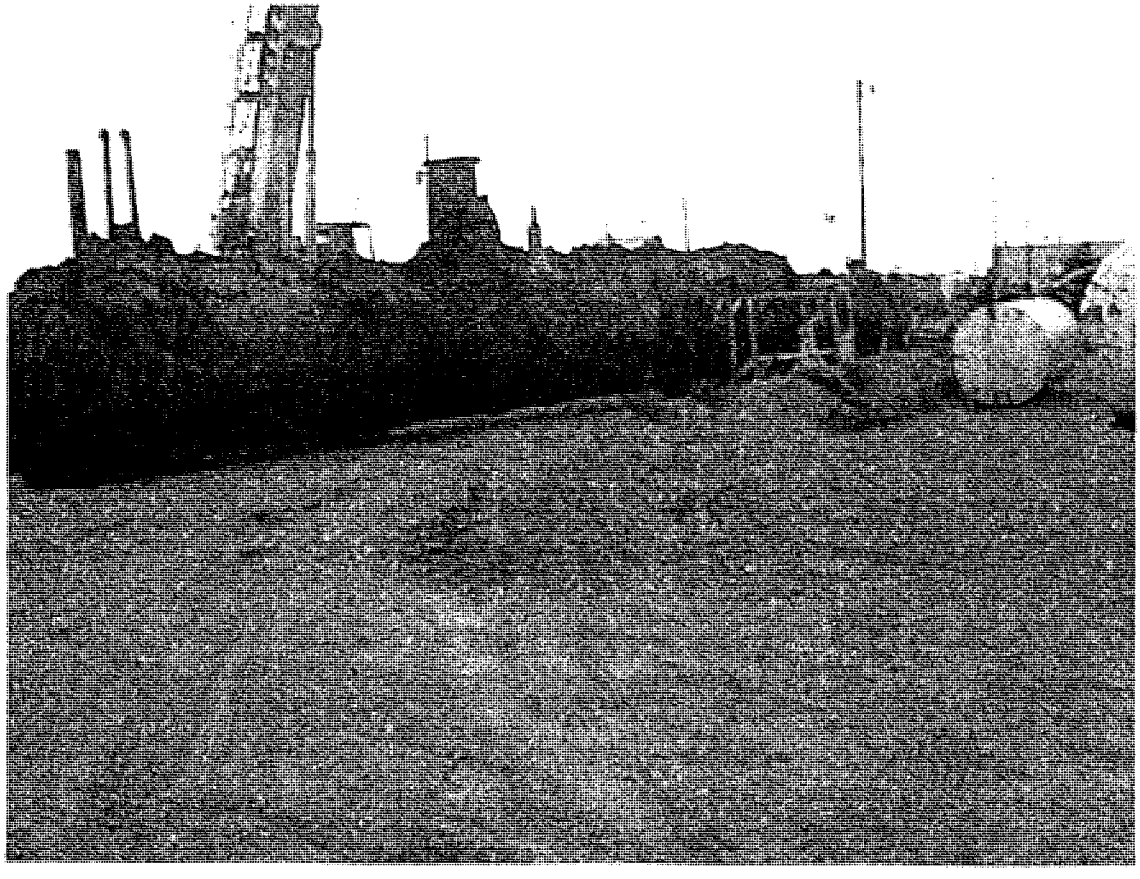


Scurlock Permian - Photo #1 - During Sump Removal Facing Northeast

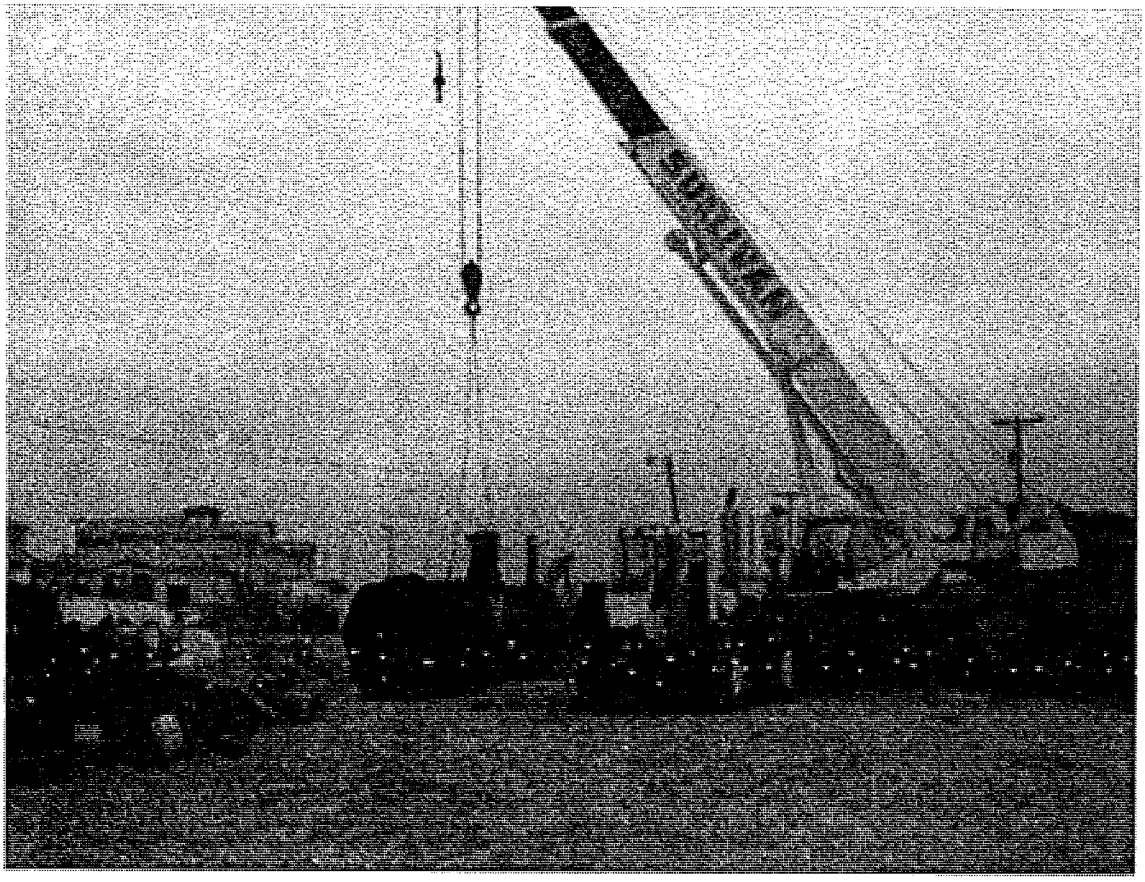


Scurlock Permian - Photo #2 - During Sump Removal - Facing South

Scurlock Permian - Photo #3 - During Sump Ecavation Facing Northeast



Scurlock Permian - Photo #4 - Sump Removal Facing Northwest



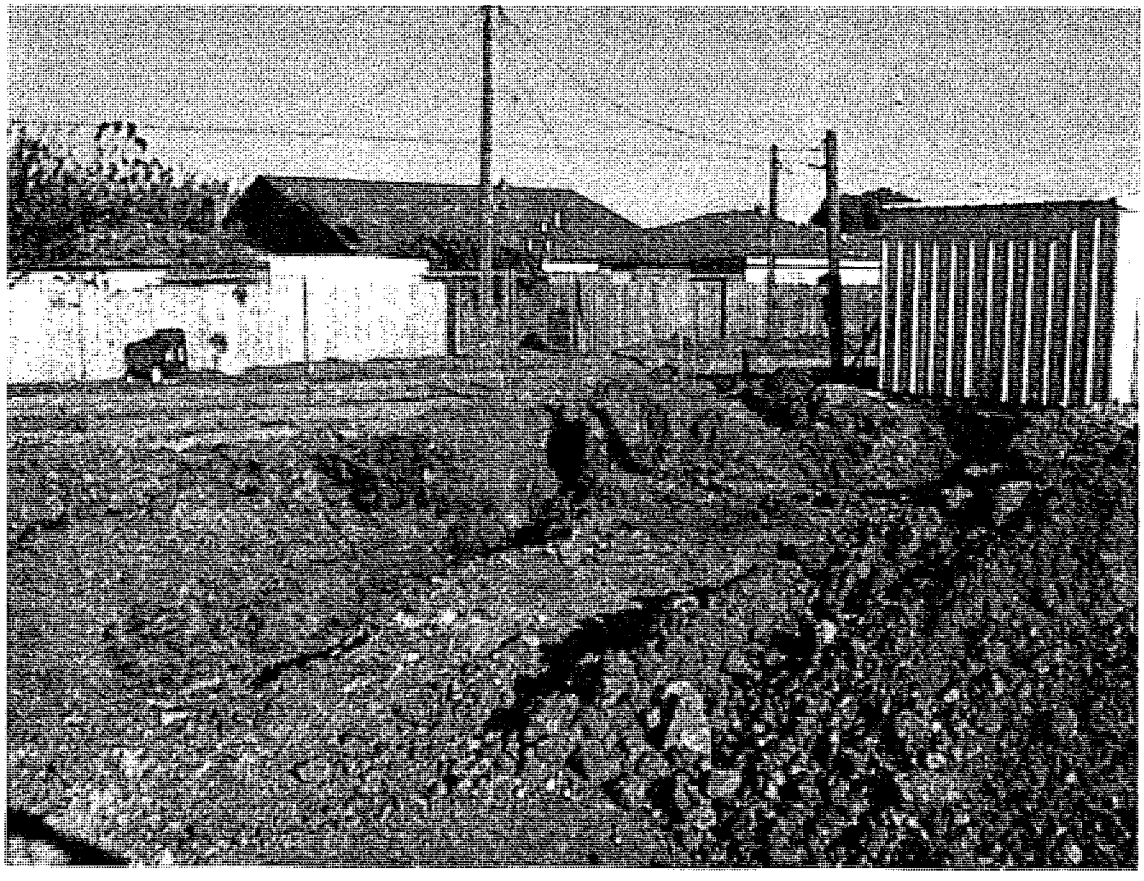
Scurlock Permian - Photo #5 - Sump Removal Facing North west

Scurlock Permian - Photo #6 - Bottom of Sump Excavation Facing Northeast

Scurlock Permian - Photo #7 - Line Excavation Facing East

Scurlock Permian - Photo #8 - Line Excavation Facing Southeast

Scurlock Permian - Photo #9 - Line Excavation Facing Southeast



Scurlock Permian - Photo #10 - Sand Tap Excavation Facing Southeast

CARDINAL LABORATORIES
PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

Company Name:	ESI	BILL TO	PO #:
Project Manager:	D. Woodley	Company:	Same
Address:	703 E Clinta Suite 103	Attn:	
City:	Hobbs	State: NM Zip: 88240	Address:
Phone #:	505 397-0510		City:
Fax #:	505 393-4388		State: Zip:
Project #:	S.P		Phone #:
Project Name:	S.P. Hobbs Yard		Fax #:
Project Location:	Lovington Hwy		

ANALYSIS REQUEST

LAB I.D. #	Sample I.D.	COMP(C) OR GRAB(G)	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERVATIVE: ACID:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	TPH	BTEX	Chlorides
	final sump bottom #1	C	1			X					X		10-23-97	11:30a	X	X	X
	final sump side #2	C	1			X					X		"	11:40a	X	X	X
	final sand top line bottom #3	C	1			X					X		"	11:50a	X	X	X
	final sand top line side #4	C	1			X					X		"	12:00p	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

Sampler Relinquished:	Date: 10-23-97	Received By:	Phone Result: ☐ Yes ☐ No Additional Fax #:
	Time: 12:30p		Fax Results: ☐ Yes ☐ No
Relinquished By:	Date:	Received By: (Lab Staff)	REMARKS:
	Time:		
Delivered By: (Circle One) UPS - Fed Ex - Bus - Other:	Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No	CHECKED BY: (Initials)	

CARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON, SUITE 103
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 10/23/97
Reporting Date: 10/27/97
Project Number: 5-P
Project Name: S.P. HOBBS YARD
Project Location: LOVINGTON HWY.

Sampling Date: 10/23/97
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: JS
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	Cl (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		10/27/97	10/27/97	10/27/97	10/27/97	10/27/97	10/27/97
H3287-1	FINAL SUMP BTM.#1	<10	32	<0.020	<0.020	<0.020	<0.060
H3287-2	FNL. SUMP SIDES #2	<10	128	<0.020	<0.020	<0.020	<0.060
H3287-3	FNL.STRP. L. BTM. #3	<10	96	<0.020	<0.020	0.041	<0.060
H3287-4	FNL.STRP. L.SIDE #4	160	32	<0.020	<0.020	0.022	<0.060
Quality Control		201	484	0.105	0.105	0.106	0.320
True Value QC		200	500	0.100	0.100	0.100	0.300
Accuracy		100	96.8	105	105	106	107
Relative Percent Difference		0.3	0	2.2	2.4	2.5	0.3

METHODS: TRPHC-EPA 600/4-79-020, 418.1;Cl-EPA 600/4-79-020 325.3 BTEX-EPA SW-846-8020

Burgess J. A. Cooke, Ph. D.

10/27/97
Date

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CARDINAL LABORATORIES

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

INVOICE

CUSTOMER: S.E.S.I.

DATE: 10/29/97

ATTN: DEE WHATLEY

ADDRESS: P.O. BOX 1613

TAXABLE: N

CITY, ST ZIP: HOBBS, NM. 88241

TERMS - Due upon receipt
Hobbs, Lea Co. NM

LAB NUMBER: H3279
TESTS REQUESTED: BTEX, TPH, CHLORIDE IN SOIL
CUSTOMER JOB DESCRIPTION: SCURLOCK PERMIAN / HOBBS YARD
WAS CHAIN OF CUSTODY USED (y/n): Y
NUMBER OF SAMPLES: 3
INVOICE #: H3279
P. O. #: N/A

DATE	DESCRIPTION	NUMBER	UNIT COST	EXTENDED COST
10/21/97	BTEX 8020	3	$60.00	$180.00
	TPH 418.1	3	$55.00	$165.00
	CHLORIDE IN SOIL	3	$22.00	$66.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
			Sub Total	$411.00
			NM State Tax	$0.00
			Total Due	$411.00

NOTE - This is the only invoice you will receive.
Please pay from this invoice.

THANK YOU FOR YOUR BUSINESS!

For Office Use Only
D: A: C: P:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ___ of ___

Company Name: SESI
Project Manager: Dee Whatley
Address: 703 E. Clinton, Suite 102
City: Hobbs State: NM Zip: 88240
Phone #: 397-0510
Fax #: 393-4388
Project #:
Project Name: Scurlock Permian
Project Location: Hobbs Yard

BILL TO PO #:
Company: SESI
Attn:
Address: 713 E. Clinton
City: Hobbs
State: NM Zip: 88240
Phone #: 397-0510
Fax #:

LAB I.D. #	Sample I.D.	COMP(C) OR GRAB(G)	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERVATION: ACID:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	Chlorides
H3279-1	Sample #1; 11' depth sump bottom hole	C	1			X					X		10-21	11:50a	X	X	X
H3279-2	Sample #2 7' Sand Trap	C	1			X					X		10-21	11:40a	X	X	X
H3279-3	Sample #3 8' Line Bottom	C	1			X					X		10/21/97	11:45a	X	X	X

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Sampler Relinquished: Dee Whatley — Date: 10-21-97 — Time: 12:50 p
Received By: [signature]

Relinquished By: [signature] — Date: 10-21-97 — Time: 5:01 pm
Received By: (Lab Staff) [signature]

Delivered By: (Circle One) UPS - Fed Ex - Bus - (Other) In person

Sample Condition: Cool ☒ Yes ☐ No; Intact ☒ Yes ☐ No

CHECKED BY: (Initials)

Phone Result ☐ Yes ☐ No Additional Fax #:
Fax Results: ☐ Yes ☐ No
REMARKS:

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENATL SOLUTIONS, INC.
ATTN: DEE WHATLEY
703 E. CLINTON, SUITE 102
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 10/21/97
Reporting Date: 10/23/97
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: HOBBS YARD

Sampling Date: 10/21/97
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	Cl (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		10/23/97	10/23/97	10/22/97	10/22/97	10/22/97	10/22/97
H3279-1	SAMPLE #1, 11'	1032	432	<0.020	<0.020	<0.020	<0.060
H3279-2	SAMPLE #2, 7'	335	160	<0.020	<0.020	<0.020	<0.060
H3279-3	SAMPLE #3, 8'	3161	256	0.139	0.761	0.627	0.729
Quality Control		202	484	0.091	0.088	0.088	0.277
True Value QC		200	500	0.100	0.100	0.100	0.300
% Accuracy		101	98.6	90.6	88.3	87.5	92.3
Relative Percent Difference		1.7	0	0.2	2.0	0.6	0.7

METHODS: TRPHC-EPA 600/4-79-020, 418.1; BTEX-EPA SW-846-8020; Cl-EPA 600/4-79-020, 325.3

Burgess J. A. Cooke

Burgess J. A. Cooke, Ph. D.

10/23/97
Date

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BILL PLEASE CC MARK & MARTYNE!

Price, Wayne

From: Price, Wayne
Sent: Friday, December 12, 1997 2:25 PM
To: Mark Ashley; Bill Olson; Martyne Kieling
Cc: Chris Williams
Subject: Scurlock Permian -Hobbs Truck yard now DP GW-279

Up-date:

Dear Mark; DP approval conditions item #15 (washwater UST tank and sand trap).
Martyne; Solid waste C-138's.
Bill; Groundwater issue.

Mark: The sand traps and UST (Sump) is now removed and backfilled. SP's consultant ES&S will send closure report to me with findings. I will forward it to you.

Martyne: The two C-138's (3 yd's dated 9-29-97& 100 bbl'sdated 10-13-97) will be amended as follows:

During clean-out & excavation of the sand traps I gave them permission to use knowledge of process since we had analytical already for the sludge & oil in the sand traps. SP/ES&E, & Sundance requested we use these same analyticals for the 3 yds of soil that was generated during the original release of this same material. This C-138 will be amended to include the sand trap sludge and concrete, etc.

During UST removal we approved a C-138 (100 bbls) for the contents of the bottom sludge in this tank. We allowed them to use this analytical for the contaminated soil around the UST, as it was discovered it had leaked. They generated some extra 600 yds of soil. This C-138 will be amended to include this extra 600 yds.

Mark & Martyne: There was some confusion during this project, right after the rain.storm that caused the sand traps and UST sumps to overflow, we had them sample this waste. The sludges were non-hazardous. There was only a very thin film of oil still present. Since this oil was what was released we sampled it. It was haz. for benzene & Ign. at that time.

However, SP removed all of the liquid from the traps and ust and placed in a trailer for disposal. This trailer was sampled for full TCLP and was non-haz. It was disposed of out-of-state by SP.

I had SP/S&ES re-sample all of the waste that was going to be disposed of at NMOCD facilities for IGN & Benzene. All samples were NON-Haz.

I ask them to make up a sampling report to show all sampling. I will forward it to you for their file.

Bill Olson: Bill Olson had sent SP a letter dated July 15, 1996 concerning the groundwater and Hobbs nearby water supply well. I have no correspondence where they answered this letter.

Recommendation: After I receive the UST closure document, I will forward this up to Mark. I recommend we ask SP for a plan to investigate the on-site ground water contamination. I can write them a letter and inform them they need to submit a plan to SF our you Guys can do it.

Please let me know!

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 8/1/97,

or cash received on _____ in the amount of $ 1380.00

from Scurlock Permian

for Hobbs Truck Shop (Facility Name) GW 279 (OGRID No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R. Chavez Date: 10/20/97

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility X Renewal ___

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

SCURLOCK PERMIAN CORPORATION
A SUBSIDIARY OF ASHLAND INC
P.O. BOX 4648
HOUSTON, TX 77210

88-68/1113

DATE 08/01/97

CHECK NO. [redacted]

PAY EXACTLY * 1,380*U S DOLLARS AND 00 CENTS

AMOUNT
USD*******1,380.00

VOID AFTER 180 DAYS

TO THE ORDER OF NMED WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 S PACHECO STREET
SANTA FE NM 87505

SCURLOCK PERMIAN CORPORATION

BY Roger L Kagy

AUTHORIZED AGENT(S)

TEXAS COMMERCE BANK - SAN ANGELO, N.A., SAN ANGELO, TEXAS

[redacted]

VENDOR NO.		CHECK NO.
0968536	SCURLOCK PERMIAN CORPORATION 573	[redacted]

REFERENCE NO.	DESCRIPTION	INVOICE AMOUNT	DISCOUNT DEDUCTION	NET AMOUNT
SCURLOCK PERMIAN CORPORATION 072997	S532217	1,380.00	0.00	1,380.00
DISCHARGE PLAN GW-279 FEE HOBBS TRUCK SHOP				

FOR STATUS OF OUTSTANDING INVOICES CALL OUR AUTOMATED PAYMENT INQUIRY SYSTEM (606) 357-2815.
PLEASE HAVE VENDOR NUMBER (UPPER LEFT) AND INVOICE OR REFERENCE NUMBER(S) READY.

REMITTANCE STATEMENT	TOTALS THIS PAGE	1,380.00	0.00	1,380.00
LAST PAGE	TOTALS ALL PAGES	1,380.00	0.00	1,380.00

SCURLOCK PERMIAN CORPORATION

333 Clay
P.O. Box 4648
Houston, Texas 77210-4648

(713) 646-4100

August 11, 1997

New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

AUG 15 1997

Attention: Mr. Roger C. Anderson

Reference: Discharge Plan GW-279
Inspection/Testing Underground Equipment
SPC Hobbs Facility

Dear Mr. Anderson:

To comply with the above referenced Discharge Plan approval conditions, SPC conducted an inspection and testing of underground equipment on August 6, 1997. Mr. Wayne Price of OCD was present for the inspection.

Underground Process Piping

The Hobbs facility has three (3) sections of steel pipe, 1", ¾" and 1" O.D., each having about 15 feet in length underground, that are used to supply motor oil, gear oil and automotive grease to hose reels inside the shop area. Valves and pressure gauges were installed in each of these lines for testing. The lines were pressured up with product, shut in with the installed valves and then pressure on gauges observed over a period of time (15 minutes to 1 hour) to detect no loss in line pressure. Each line was successfully tested at the following pressures:

Motor Oil Pipe	325 Psi
Gear Oil Pipe	450 Psi
Automotive Grease Pipe	1200 Psi

Underground Tank/Sump

The underground wash water collection tank and the sand trap were visually inspected. Each contained sludge from discontinued truck washing operations. It was determined that samples would be taken from each to determine proper disposal method in preparation for removal of tank and sand trap. The sand trap would be tested for benzene and flammability to supplement previous test. The underground tank will have TCLP and RCI test run. Samples will be collected by Safety and Environmental Solutions Inc. of Hobbs.

SPC will submit a plan for closure of the underground wash water collection tank and sand trap to the OCD Santa Fe Office for approval by October 18, 1997. Also, a plan for the plugging of the water well will be submitted by that date.

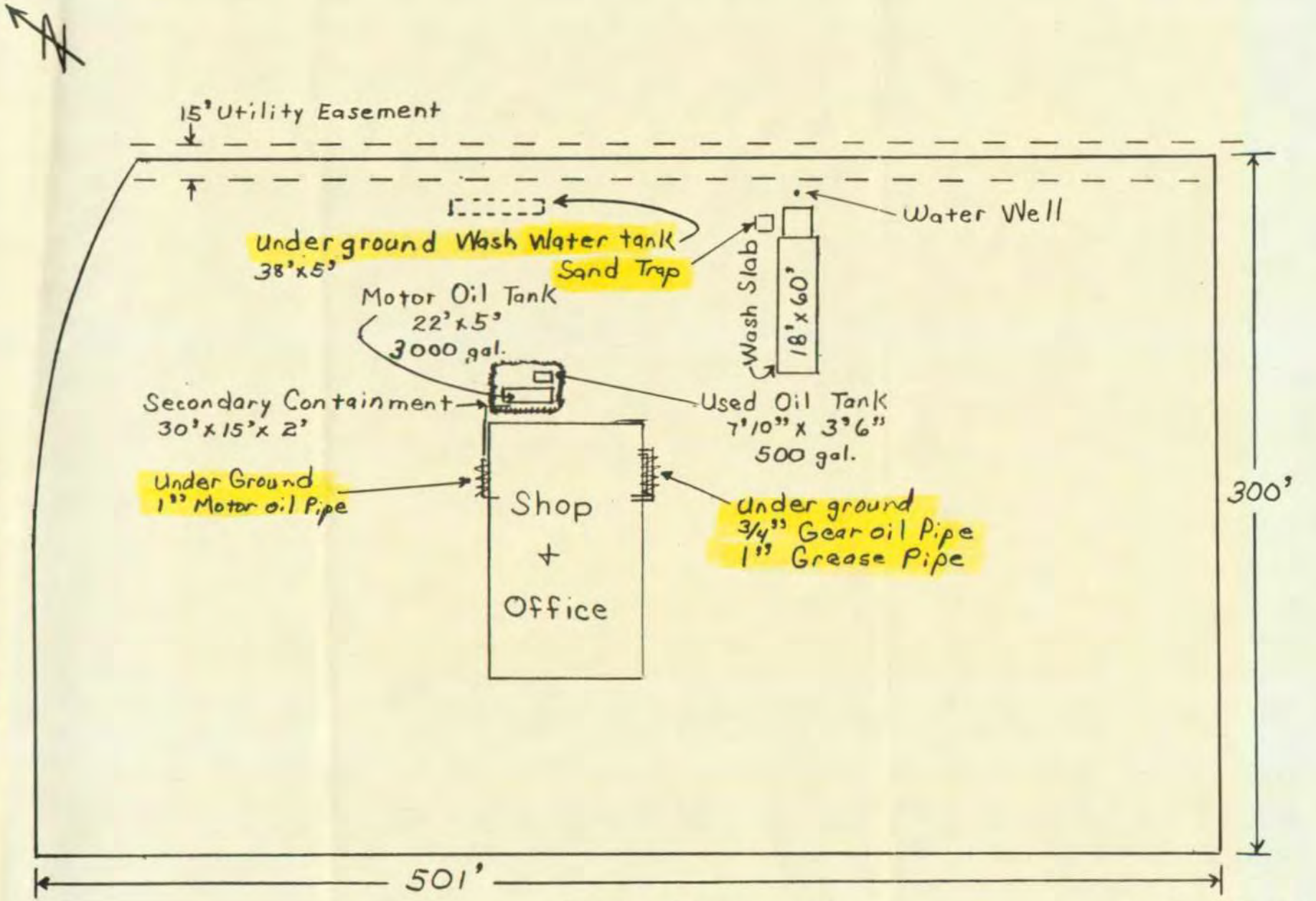
Attached is a sketch of the Hobbs facility to show location of underground pipe, wash water tanks and sand trap. The secondary retainment dike located around the motor oil (3000 gallons) and used motor oil (500 gallon) tank is 30'x15'x2' having a capacity greater than 6,700 gallons. This exceeds the 134% of the largest tank (3,000 gallon) requirement.

Your truly,

James C. Ephraim II P.E.

James C. Ephraim II P.E.
Senior Project Engineer

c: Hobbs Facility File
Jim Nichols
Steve Falgoust
Faye Turman
Richard Lentz



Scurlock Permian Corp

Hobbs Shop Facility
3514 Lovington Highway
Hobbs, New Mexico 88240

SCURLOCK PERMIAN CORPORATION

333 Clay
P.O. Box 4648
Houston, Texas 77210-4648

(713) 646-4100

August 1, 1997

RECEIVED
AUG - 7 1997

State of New Mexico
Oil Conservation Division
2040 S Pacheco
Santa Fe, New Mexico 87505

Attn: Mr. William J. LeMay, Director

Ref: Discharge Plan GW-279
Hobbs Facility, Lea Co., NM

Dear Mr. LeMay:

Attached is the "attachment to the Discharge Plan GW-279", for Scurlock Permian Corporation's Hobbs facility, signed by Mr. James A. Nichols, Vice President of Safety & Environmental Affairs. Also attached is SPC's check #1258120 in the amount of $1,380.00 payable to the NMED-Water Quality Management for the plan fee.

In compliance with the discharge plan approval conditions, SPC will conduct an inspection/testing of below grade tanks/pumps and underground process/wastewater pipelines on August 6, 1997, at 9:00 a.m. Mr. Roger Anderson and Mr. Mark Ashley of the NMOCD were notified of the inspection schedule by telephone on July 31, 1997. A report of the testing/inspection results will be submitted to your office by September 5, 1997.

A plan for the closure of the underground water collection tank and sand trap and plugging of the water well is being developed and will be submitted to you prior to October 18, 1997, as per discharge plan approval conditions.

If you have any questions, you may call me at (713) 646-4386.

Yours truly,

James C. Ephraim II

James C. Ephraim II P.E.
Senior Project Engineer

c: JA Nichols
SG Falgoust
WF Turman
R Lentz
Hobbs shop file

Committed to a Quality Environment

SUBSIDIARY OF ASHLAND INC.

ATTACHMENT TO THE DISCHARGE PLAN GW-279
SCURLOCK PERMIAN CORPORATION
HOBBS FACILITY
DISCHARGE PLAN APPROVAL CONDITIONS
(July 18, 1997)

1. Payment of Discharge Plan Fees: The $1,380 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. SP Commitments: SP will abide by all commitments submitted in the discharge plan application dated March 19, 1997.

3. Waste Disposal: All wastes shall be disposed of at an NMOCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous by characteristics may be disposed of at an NMOCD approved facility upon proper waste characterization per 40 CFR Part 261.

4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.

7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

8. Labeling: All tanks, drums and containers should be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. Testing will be completed by August 17, 1997. The OCD will be notified at least 72 hours prior to all testing. Test results will be submitted to the OCD Santa Fe Division office within 30 days of testing.

10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. Testing will be completed by August 17, 1997. The OCD will be notified at least 72 hours prior to all testing. Test results will be submitted to the OCD Santa Fe Division office within 30 days of testing.

11. Housekeeping: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

    Any non-exempt contaminated soils that are collected at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Hobbs District Office.

13. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

14. Closure: The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

15. Underground Wash Water Collection Tank and Sand Trap: A plan for closure of the underground wash water collection tank and sand trap, and removal of all connecting pipes will be submitted to the OCD Santa Fe Office for approval by October 18, 1997.

16. Capped Water Well: The capped on site water well will be plugged pursuant to New Mexico State Engineer guidelines.

17. Certification: SP, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. SP further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

SCURLOCK PERMIAN CORPORATION

by James A Nichols
Title
VP SAFETY & ENV. AFFAIRS

Mark Ashley

From: Wayne Price
Sent: Wednesday, August 06, 1997 1:03 PM
To: Mark Ashley
Cc: Chris Williams; Roger Anderson
Subject: Scurlock Permian GW-279
Importance: High

Field Trip Report: Aug. 06, 1997 9am

Met with Scurlock-Permian personnel; Richard Lentz, Jim Ephraim, Howard Hall.

Witnessed in part the underground line MIT test for the following lines; motor oil line, grease line, & gear oil lines. They pressured up to the normal operating pressures approx. 400-600 lbs. Procedure called for a 10 min hold. Scurlock-Permian will document for files.

Discussed the following issues:

Waste ID and Hazardous classification for the following waste: Waste in washbay (washrack) sump, underground tank, & dirt pile and the proper disposal for such waste. Once S-P ID's and classifies as non-hazardous then S-P can dispose of this waste at an approved permitted facility using the NMOCD C-138 process or another approved facility.

P-S is going to address the issue of the possible hazardous waste found in the Wash Rack sump per analyticals from Cardinal Labs #H2571-1 sample taken on 06/28/96 and the ultimate disposal.

They are also going to clear up the issue on the sampling event of the wastewater that was contained in the trailer, this waste was generated during the spill event on 6/27/96, in conjunction they will ID (what & where taken) the Cardinal lab sample H2993-1 represents.

P-S has been advised to submit a site work plan and closure investigation for the wastewater UST to NMOCD SF for approval.

P-S has been advised to submit a site groundwater investigation plan to the NMOCD SF, since their water well is contaminated and in close proximity to the City of Hobbs public water supply well #25.

S-P will submit all findings and submittals to the NMOCD Santa Fe office and CC the NMOCD District Hobbs office.

The waste disposals can be submitted to the Hobbs office first using the C-138 process.

cc: Jim Ephraim
Scurlock-Permian
P.O. Box 4648
Houston, Texas 77210-4648

Richard Lentz
Scurlock-Permian
3514 Lovington Highway
Hobbs, NM 88240

Mark Ashley

From: Wayne Price
Sent: Thursday, July 31, 1997 3:41 PM
To: Mark Ashley
Cc: Chris Williams
Subject: Scurlock -Permian GW-279 Groundwater Contamination.
Importance: High

Dear Mark,

Per your request I will met Mr. Ephraim at 9am on this Wednesday to start the closure of the UST's.

Also per our telephone conversation, The City of Hobbs has made an inquiry into any activity and/or possible ground water contamination around their public water supply well #25. This well is approx. 400-600' from Scurlock's water well.

Please note after reviewing the DP submittal I noticed that this well has some contaminates such as high Na & Cl's that are above the WQCC limits. Also the city of Hobbs is experiencing elevated levels of the same constituents.

Therefore I will recommend to Mr. Ephraim to include a ground water investigation as part of their closure plan

Mark Ashley

From: Wayne Price
Sent: Friday, August 01, 1997 11:09 AM
To: Mark Ashley
Subject: Read: Scurlock Permian
Importance: High

Your message

To: Wayne Price
Subject: Scurlock Permian
Sent: 8/1/97 9:53:00 AM

was read on 8/1/97 11:09:00 AM

Mark Ashley

From: Mark Ashley
Sent: Friday, August 01, 1997 9:53 AM
To: Wayne Price
Subject: Scurlock Permian
Importance: High

Wayne,

I received the sample results from the water collected from the spill at the Scurlock Permian - Hobbs on July 24, 1997. The water tested non-hazardous, and was disposed of in Texas. A run ticket was enclosed to verify disposal.

I briefed Roger Anderson on the water characteristics and final disposition. He said no further action from Scurlock Permian would be required.

Call me if you have any questions.

Mark

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

July 18, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-939

Mr. James C. Ephraim II
Scurlock Permian Corporation
333 Clay
P.O. Box 4648
Houston, Texas 77210-4648

RE: Discharge Plan GW-279
Hobbs Facility
Lea County, New Mexico

Dear Mr. Ephraim:

The ground water discharge plan GW-279, for the Scurlock Permian Corporation (SP) Hobbs Facility located in the NW/4 of Section 21, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the original discharge plan application dated March 19, 1997. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F., which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve SP of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3104 of the regulations require "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C. SP is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on July 18, 2002, and SP should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan application for the Scurlock Permian Corporation Hobbs Facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of $50 plus a flat fee of $1,380 for oil field service companies. The OCD has received the filing fee. The flat fee is due upon receipt of this approval. The flat fee may be paid in a single payment due on the date of the discharge plan approval or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

William J. LeMay
Director

WJL/mwa
Attachment

xc: OCD Hobbs Office

ATTACHMENT TO THE DISCHARGE PLAN GW-279
SCURLOCK PERMIAN CORPORATION
HOBBS FACILITY
DISCHARGE PLAN APPROVAL CONDITIONS
(July 18, 1997)

1. Payment of Discharge Plan Fees: The $1,380 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. SP Commitments: SP will abide by all commitments submitted in the discharge plan application dated March 19, 1997.

3. Waste Disposal: All wastes shall be disposed of at an NMOCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous by characteristics may be disposed of at an NMOCD approved facility upon proper waste characterization per 40 CFR Part 261.

4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.

7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

8. Labeling: All tanks, drums and containers should be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. Testing will be completed by August 17, 1997. The OCD will be notified at least 72 hours prior to all testing. Test results will be submitted to the OCD Santa Fe Division office within 30 days of testing.

10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. Testing will be completed by August 17, 1997. The OCD will be notified at least 72 hours prior to all testing. Test results will be submitted to the OCD Santa Fe Division office within 30 days of testing.

11. Housekeeping: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

    Any non-exempt contaminated soils that are collected at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Hobbs District Office.

13. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

14. Closure: The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

15. Underground Wash Water Collection Tank and Sand Trap: A plan for closure of the underground wash water collection tank and sand trap, and removal of all connecting pipes will be submitted to the OCD Santa Fe Office for approval by October 18, 1997.

16. Capped Water Well: The capped on site water well will be plugged pursuant to New Mexico State Engineer guidelines.

17. Certification: SP, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. SP further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

SCURLOCK PERMIAN CORPORATION

by_____
Title

P 288 258 939

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING 397-0510
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

TRAILER
BY W PRICE
2/9/98

Receiving Date: 06/12/97
Reporting Date: 06/19/97
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: NOT GIVEN

Sampling Date: 06/11/97
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: GP

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		06/17/97	06/17/97	06/17/97	06/17/97	06/17/97	06/17/97	06/17/97	06/17/97
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H2993-1		<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
Quality Control		0.208	3.98	20.3	2.001	0.96	1.94	0.0104	0.094
True Value QC		0.200	4.00	20.0	2.000	1.00	2.00	0.0100	0.1
% Recovery		104	99.5	102	101	96.0	97.0	104	94.0
Relative Standard Deviation		2.0	0.0	0.6	0.7	2.4	1.0	6.0	1.9
METHODS: EPA 1311, 600/4-91/		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Gayle A. Potter, Chemist

06/19/97
Date

7/3 6/96 4/99

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 06/12/97
Reporting Date: 06/16/97
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: NOT GIVEN
Lab Number: H2993-1
Sample ID: NOT GIVEN

Analysis Date: 06/13/97
Sampling Date: 06/11/97
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2993-1	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.084	84	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.085	85	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.116	116	0.100
Chloroform	6.0	<0.005	<0.005	0.101	101	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.094	94	0.100
Benzene	0.5	<0.005	<0.005	0.097	97	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.116	116	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.093	93	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.102	102	0.100
Chlorobenzene	100	<0.005	<0.005	0.093	93	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.111	111	0.100

	% RECOVERY
Dibromofluoromethane	103
Toluene-d8	101
Bromofluorobenzene	101

METHODS: EPA SW 846-8260, 1311

Burgess J.A. Cooke, Ph. D.

6/16/97
Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 06/12/97
Reporting Date: 06/19/97
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: NOT GIVEN
Lab Number: H2993-1
Sample ID: NOT GIVEN

Analysis Date: 06/18/97
Sampling Date: 06/11/97
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2993-1	Method Blank	QC	%Recov.	True Value QC
Pyridine	5.00	<0.005	<0.005	0.040	40	0.100
1,4-Dichlorobenzene	7.50	<0.005	<0.005	0.059	59	0.100
o-Cresol	200	0.016	<0.005	0.058	58	0.100
m, p-Cresol	200	<0.005	<0.005	0.108	54	0.200
Hexachloroethane	3.00	<0.005	<0.005	0.055	55	0.100
Nitrobenzene	2.00	<0.005	<0.005	0.084	84	0.100
Hexachloro-1,3-butadiene	0.500	<0.005	<0.005	0.067	67	0.100
2,4,6-Trichlorophenol	2.00	<0.005	<0.005	0.100	100	0.100
2,4,5-Trichlorophenol	400	<0.005	<0.005	0.099	99	0.100
2,4-Dinitrotoluene	0.130	<0.005	<0.005	0.103	103	0.100
Hexachlorobenzene	0.130	<0.005	<0.005	0.111	111	0.100
Pentachlorophenol	100	<0.005	<0.005	0.111	111	0.100

	% RECOVERY
Fluorophenol	55
Phenol-d5	57
Nitrobenzene-d5	75
2-Fluorobiphenyl	79
2,4,6-Tribromophenol	88
Terphenyl-d14	106

METHODS: EPA SW 846-8270, 1311

Burgess J. A. Cooke, Ph. D.

6/19/97
Date

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PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 06/12/97
Reporting Date: 06/16/97
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: NOT GIVEN

Sampling Date: 06/11/97
Sample Type: WATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC/ AH

LAB NUMBER SAMPLE ID	REACTIVITY Sulfide (ppm)	REACTIVITY Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:	06/13/97	06/13/97	06/13/97	06/13/97
H2993-1	<5	<5	6.60	>140
Quality Control	NR	NR	7.00	NR
True Value QC	NR	NR	7.00	NR
% Accuracy	NR	NR	100	NR
Relative Percent Difference	NR	NR	0	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, *40 CFR 261*

Chemist

06/12/97
Date

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Safety & Environmental Solutions, Inc.

703 E. Clinton, Suite 103, Hobbs, New Mexico 88240
(505)397-0510

H2993-1

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: SES, Inc

Phone #:

FAX #:

Company Name & Address: Scurlock Permian

Project #:

Project Name:

Project Location:

Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
H2993-1		1	Qt	X							X			6/11	4:00pm			X		✓	✓		

Relinquished by: [signature] Date: 6/12/97 Time: 10:30am Received by:

Relinquished by: Date: 6/12/97 Time: 1:10 Received by: Amy Hill

Relinquished by: Date: Time: Received by/Laboratory:

REMARKS: Held in refrigerator overnight

Per Dee: Do complete TCCD

PAGE 06 SPC 3926988 07/24/1997 06:59

PAGE 07

SPC

3926988

07/24/1997 06:59

SCURLOCK PERMIAN Corporation
P.O. BOX 4648 HOUSTON, TEXAS 77210

- ☐ Petroleum Crude Oil, 3, UN 1267, P.G. I.
- ☐ Petroleum Crude Oil, 3, UN 1267, P.G. I., Residue with Brine Water
- ☐ Petroleum Crude Oil, 3, UN 1267, P.G. I., Residue with Disposal Water
- ☐ Petroleum Crude Oil, 3, UN 1267, P.G. I., Residue with Fresh Water
- ☐ Other

SALTWATER MIXTURE

EST. BARRELS IN TRANSIT: 135

OPERATOR: SCURLOCK PERM — WHP-305

LEASE NAME: HOBBS YARD — LEASE NUMBER: 200602

JOB NO.: 732807847

CONTROL NUMBER	OTHER CO. TICKET	TICKET DATE
3280784		7/08/97

STATE I.D. / FED. I.D	PRODUCT	SPLIT	FINAL	BBL/GAL DEL
200602	SW	NO		135

DISPOSAL SITE	DISPOSAL WELL PERMIT NUMBER
TT263	02564

ORIGIN SITE NAME / DISPOSAL SITE NAME: E. H. JONES #1

OPERATOR: D K BOYD OIL & GAS CO INC

DRIVER NO.	TRUCK NO.	TRAILER NO.	ONE WAY MILES
67104	3640	1183	

PUMPING HOURS	PER HOUR	DRIVING HOURS	PER HOUR

STAND-BY HOURS	PER HOUR	OTHER HOURS	PER HOUR

	HOURS	MINUTES
TOTAL HOURS		
BILLABLE HOURS		
EXCLUDED HOURS		

FINISH DATE	MONTH	DAY	YEAR

REMARKS:

SUPERVISOR APPROVAL OF BILLABLE HOURS

OPEN — DRIVER: Jerry Walker — OPERATOR'S WITNESS:

CLOSE — DRIVER: Jerry Walker — OPERATOR'S WITNESS:

Disposal Ticket
Lm
7/8/97

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/18/97,

or cash received on _____ in the amount of $ 50.00

from Scurlock Permian

for Hobbs GW-279

(Facility Name) (OP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R. Chavez Date: 5-23-97

Received in ASD by: _____ Date: _____

Filing Fee X New Facility ____ Renewal ____

Modification ____ Other _____

(specify)

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment ____ or Annual Increment ____

SCURLOCK PERMIAN CORPORATION
A SUBSIDIARY OF ASHLAND INC.
P.O. BOX 4648
HOUSTON, TX 77210

88-68/1113

DATE 03/18/97

CHECK NO. [redacted]

PAY EXACTLY * 50*U S DOLLARS AND 00 CENTS

AMOUNT
USD*********50.00
VOID AFTER 180 DAYS

SCURLOCK PERMIAN CORPORATION

TO THE ORDER OF
NMED WATER QUALITY MANAGEMENT
OIL CONSERVATION DIVISION
2040 S PACHECO STREET
SANTA FE NM 87505

BY

AUTHORIZED AGENT(S)

TEXAS COMMERCE BANK - SAN ANGELO, N.A., SAN ANGELO, TEXAS

VOID VOID VOID

[redacted]

VENDOR NO.		CHECK NO.
0968536	SCURLOCK PERMIAN CORPORATION 573	[redacted]

REFERENCE NO.	DESCRIPTION	INVOICE AMOUNT	DISCOUNT DEDUCTION	NET AMOUNT
SCURLOCK PERMIAN CORPORATION 031097	S527363	50.00	0.00	50.00

FOR STATUS OF OUTSTANDING INVOICES CALL OUR AUTOMATED PAYMENT INQUIRY SYSTEM (606) 357-2815.
PLEASE HAVE VENDOR NUMBER (UPPER LEFT) AND INVOICE OR REFERENCE NUMBER(S) READY.

REMITTANCE STATEMENT	TOTALS THIS PAGE	50.00	0.00	50.00
LAST PAGE	TOTALS ALL PAGES	50.00	0.00	50.00

NOTICE OF PUBLICATION

RECEIVED
APR - 7 1997
4017

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-279) - Scurlock Permian Corporation, Richard Lentz, (505) 392-8212, 3514 Lovington Highway, Hobbs, New Mexico 88240, has submitted a discharge application for the Hobbs Facility located in the NW/4, Section 21, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. All wastes generated will be stored in closed top receptacles prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 40 feet with a total dissolved solids concentration of approximately 3,065 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan applications, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on the information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 2nd day of April 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

WILLIAM J. LEMAY, Director

NO EFFECT FINDING
The described action will have no effect on listed species, wetlands, or other important wildlife resources.
Date April 17, 1997
Consultation # 97 GWP-OCDI
Approved by
U.S. FISH and WILDLIFE SERVICE
NEW MEXICO ECOLOGICAL SERVICES FIELD OFFICE
ALBUQUERQUE, NEW MEXICO

RECEIVED
APR 28 1997
Environmental Bureau
Oil Conservation Division

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

Notice of Publication

and numbered ..... was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, for one(1) day consecutive weeks, beginning with the issue of

April 9, 19 97

and ending with the issue of

April 9, 19 97

And that the cost of publishing said notice is the sum of $ 45.60

which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 9th day of April, 19 97

Jean Jenier

Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 98

LEGAL NOTICE
NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES
DEPARTMENT
OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 2nd day of April 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director

(SEAL)

Published in the Lovington Daily Leader April 9, 1997.

OK MD
4-17-97

The Santa Fe New Mexican
Since 1849. We Read You.

NM OIL DIVISION
ATTN: SALLY MARTINEZ
2040 S. PACHECO ST
SANTYA FE, NM 87505

AD NUMBER: 624737 ACCOUNT: 56689
LEGAL NO: 61498 P.O. #: 96-199-002997

168 LINES ONCE at $ 67.20
Affidavits: 5.25
Tax: 4.53
Total: $ 76.98

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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If no public hearing is held, the Director will approve or disapprove the proposed plan renewal based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on the information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 2nd day of April 1997.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
WILLIAM J. LEMAY,
Director
Legal #61498
Pub. April 8, 1997

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 61498 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 8 day of APRIL 1997 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 8 day of APRIL A.D., 1997

Notary Candace C. Ruiz
Commission Expires

OFFICIAL SEAL
Candace C. Ruiz
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 9/29/97

OK NA
4-11-97

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 3, *1997*

LOVINGTON DAILY LEADER
P. O. Box 1717
Lovington, New Mexico 88260

ATTN: ADVERTISING MANAGER

RE: NOTICE OF PUBLICATION

Dear Sir/Madam:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

1. ***Publisher's affidavit in duplicate.***
2. ***Statement of cost (also in duplicate.)***
3. ***CERTIFIED invoices for prompt payment.***

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice no later than April 10, *1997.*

Sincerely,

Sally Martinez

Sally E. Martinez
Administrative Secretary

Attachment

P 269 262 675

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	Lovington Daily Leader
Street & Number	P.O. Box 1717
Post Office, State & ZIP Code	Lovington, NM 88260
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 3, *1997*

THE NEW MEXICAN
202 E. Marcy
Santa Fe, New Mexico 87501

RE: NOTICE OF PUBLICATION

PO #96-199-002997

ATTN: Betsy Perner

Dear Sir/Madam:

Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.

Immediately upon completion of publication, please send the following to this office:

1. *Publisher's affidavit.*
2. *Invoices for prompt payment.*

We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.

Please publish the notice on Tuesday, April 8, *1997.*

Sincerely,

Sally Martinez

Sally E. Martinez
Administrative Secretary

Attachment

NOTICE OF PUBLICATION

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 2nd day of April 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

WILLIAM J. LEMAY, Director

NOTICE OF PUBLICATION

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

WILLIAM J. LEMAY, Director

SCURLOCK PERMIAN CORPORATION

333 Clay
P.O. Box 4648
Houston, Texas 77210-4648

(713) 646-4100

RECEIVED
MAR 24 1997
OIL CONSERVATION DIVISION

March 19, 1997

New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Attention: Mr. Roger C. Anderson

Reference: Discharge Plan - Hobbs Shop Facility, Lea County, New Mexico

Dear Mr. Anderson:

As per your request, attached is a check in the amount of $50.00 for the filing fee, plus an original and one (1) copy of the Discharge Plan for Scurlock Permian Corporation's existing oil field service truck maintenance facility located at 3514 Lovington Highway, Hobbs, New Mexico.

If you have any questions, you may call me at (713) 646-4386.

Yours truly,

James C. Ephraim II. P.E.

James C. Ephraim II., P.E.
Senior Project Engineer

JCE/tdt

c: Mr. Wayne Price
Oil Conservation Division
P O Box 1980
Hobbs, New Mexico 88241-1980

JA Nichols
SG Falgoust
Hobbs Shop File

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Revised 12/1/9

Submit Origin
Plus 1 Copi
to Santa F
1 Copy to appropria
District Offi

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

GW-279

☒ New ☐ Renewal ☐ Modification

1. Type: Existing Oil Field Service Truck Maintenance Facility
2. Operator: Scurlock Permian Corporation

   Address: 3514 Lovington Highway, Hobbs, N.M. 88240

   Contact Person: Richard Lentz Phone: 505/392-8212
3. Location: /4 NW /4 Section 21 Township 18S Range 38E

   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

    I herby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

    NAME: James C. Ephraim II, P.E. Title: Senior Project Engineer

    Signature: James C. Ephraim II, P.E. Date: 3/19/97

A DISCHARGE PLAN

FOR

EXISTING OIL FIELD SERVICE TRUCK FACILITY

OF

SCURLOCK PERMIAN CORPORATION

LOCATED AT

3514 LOVINGTON HIGHWAY
HOBBS, NEW MEXICO 88240

NW/4 SEC. 21 T-18-S;R-38-E
TRACT J, H, AND G, BLOCK 34
OF NORTH ACRES SUBDIVISION
UNIT 2
LEA COUNTY, NEW MEXICO

PREPARED FOR COMPLIANCE WITH

NEW MEXICO WATER QUALITY CONTROL COMMISSION (WQCC) REGULATIONS

1) **Name of Facility:** SPC Hobbs Shop

2) **Operator:** Scurlock Permian Corporation
333 Clay Street
P O Box 4648
Houston, Texas 77210-4648

Contact Person: James C. Ephraim II, P.E.
Phone: 713/646-4386
Fax: 713/646-4199

3) **Location:** 3514 Lovington Highway
Hobbs, New Mexico 88240

NW/4 Sec. 21 T-18-S; R-38-E
Tract J, H, and G, Block 34
of North Acres Subdivision
Unit 2
Lea County, New Mexico

Maps: Exhibits "A", "B", "C"

4) **Property Owner:** Scurlock Permian Corporation
333 Clay Street
P O Box 4648
Houston, Texas 77210-4648
Phone: 713\646-4100

5) **Property Description**: Approximately 3.3 acres of land located on Tract J, H, and G, Block 34 of North Acres Subdivision, Unit 2, Lea County, New Mexico fronting State Highway 18 at North Acres Drive. The operation consists of a 4-bay truck shop, office, a calachie yard with above ground storage tanks for bulk new and used motor oil, and presently unused (out of service) under ground truck wash water collection tank. Truck wash water was directed to this collection tank by pipe connected to drains in a concrete slab. The facility is used for the servicing and light repairs of transport tanker trucks used to haul crude oil, production water and salt water brines and fresh water for drilling activities. Water and domestic waste facilities are provided by the City of Hobbs. No open pits are located on this property.

6) **This Facility Stores the Following Materials for Use or Collection Pending Proper Disposal:**

Gear Oil
Motor Oil
Used Motor Oil
Used Automotive filters
Anti-freeze (Ethylene Glycol)
Used Anti-Freeze
Automotive Grease
Varsol

New motor oil is received in bulk quantities and stored in a 1,000 gallon tank. Gear oil and automotive grease is received in 55 gallon drums. Used oils are stored in a 500 gallon tank. Anti-freeze is stored in a 55 gallon drum. Used automotive filters are drained into a collection unit which pumps the drained liquid to the used oil storage tank. The drained used filters are then stored in drums for removal. A self contained parts washer holds about 30 gallons of varsol. An outside company services the parts washer on a regular basis by removing the old used varsol for recycling and replacing with clean varsol.

7) **Effluent and Waste Solids**

Solid waste consisting of miscellaneous trash such as packing boxes, plastic wrap paper, small metal cans, glass and plastic bottle, paper and cloth wipes, and other items generally associated with office and shop facilities are placed into an onsite dumpster which is emptied twice a week by a garbage collection agency.

Used oil from the truck lubrication system is collected and stored in a 500 gallon bulk tank. Volume of used oil is about 150 to 180 gallons per month. This used oil includes the liquids drained from the used automotive filters.

Used automotive filters consisting of oil, fuel and cooling system filters are drained and placed in drums for transport to crushing/recycling facilities. About one-third (1/3) drum of filters are collected monthly.

Used anti-freeze (Ethylene Glycol) is collected in 55 gallon drums for recycling. About one (1) gallon per month average is collected. Volumes of used oil, filters and anti-freeze are dependent on the number of trucks serviced each month. Services are scheduled on a truck mileage basis and will vary month to month depending on business activities.

Approximately 30 gallons of varsol is used in the self contained parts washer. Except for the capacity of the parts washer, no other varsol is stored on this location. Dirty varsol is picked up bi-monthly by a recyclist and clean varsol put into the parts washer unit.

Operations of truck washing previously conducted on this site have stopped. The underground wash water collection tank has been emptied. Commingling of domestic sewage does not occur at this location. No liquid waste is added to the normal sewage stream associated with on premises personnel hygiene. No waste water is generated at this location.

8) Description of Waste Collection/Disposal

Used oil drained from truck engines, gear boxes, etc. is collected in a drain pan and poured into a collection unit located in the shop. The oil collection unit is equipped with an electric driven pump which pumps the oil to a 500 gallon holding tank located outside the shop. Used filters are placed on a drain rack inside the collection unit and allowed sufficient time to drain. A used oil collection company pumps out the collection tank about once every two months or as often as needed.

Drained used filters are placed in covered 55 gallon drums. The drums of filters are then transported to SPC's Maintenance Facility in Midland Texas for crushing and pick up by a recycling company.

Used anti-freeze drained from truck cooling systems is collected in a drain pan and poured into a 55 gallon drum using a funnel. The drum of used anti-freeze is transported to SPC's Maintenance Facility in Midland Texas for recycling.

Empty gear oil and grease drums are transported to our Midland, Texas facility for cleaning, crushing and recycling.

9) Proposed Modifications to Existing Collection/Disposal Procedures

Storage tanks for new and used motor oil will be inspected for adequate diked secondary containment. A minimum secondary containment capacity of 134% of the largest tank inside the diked area will be maintained.

The unused underground wash water collection tank and connecting pipes will be removed and the drain outlet on the wash slab sealed. The concrete slab will be used as a designated storage area for drums. Empty drums and drums of used anti-freeze, filters and other hydrocarbon waste are to be stored on the concrete slab pending transportation pick up. Each drum is to be labeled as to its content.

The existing capped on site water well will be plugged to prevent future ground water contamination should a heavy rain event take place.

10) Inspection and Maintenance Plan

SPC personnel will visually inspect the drum storage area and storage tanks on a daily basis. Once each month, the shop personnel will complete a written report to be presented to the District Supervisor. The report will list the number of drums stored by content, conditions of drums as to leakage/damage and labeling, and condition of storage tanks and piping as to leaks or seeps and locks/plugs on all connections. Conditions of secondary retainment dikes and general house keeping appearance are to be noted on the report. The District Supervisor will be responsible for needed repairs, changes, and clean up. At least once each five (5) years all under ground piping other than piping for fresh water, domestic sewage, air, natural gas or propane, will be pressure tested to 125% or 3 psi above its normal operating pressure, whichever is greater. Initial testing to be completed prior to August 1, 1997.

Existing sumps and underground tanks are to be cleaned out and no future use permitted. These sumps and underground tanks will be visually inspected monthly until removed to insure their non use.

11) Reporting And Clean Up of Spills or Releases

Spills of motor oil, varsol, anti-freeze, and hydrocarbon contamination will be cleaned up immediately with clean up operations to begin within 24 hours of the spill discovery and report to SPC officials.

A spill of automotive engine used oil or a mixture of automotive used oil and other used oil of 25 gallons or more or any quantity that reaches a water course or drainage system in sufficient quantities to cause a sheen on water must be verbally reported within 24 hours of discovery to:

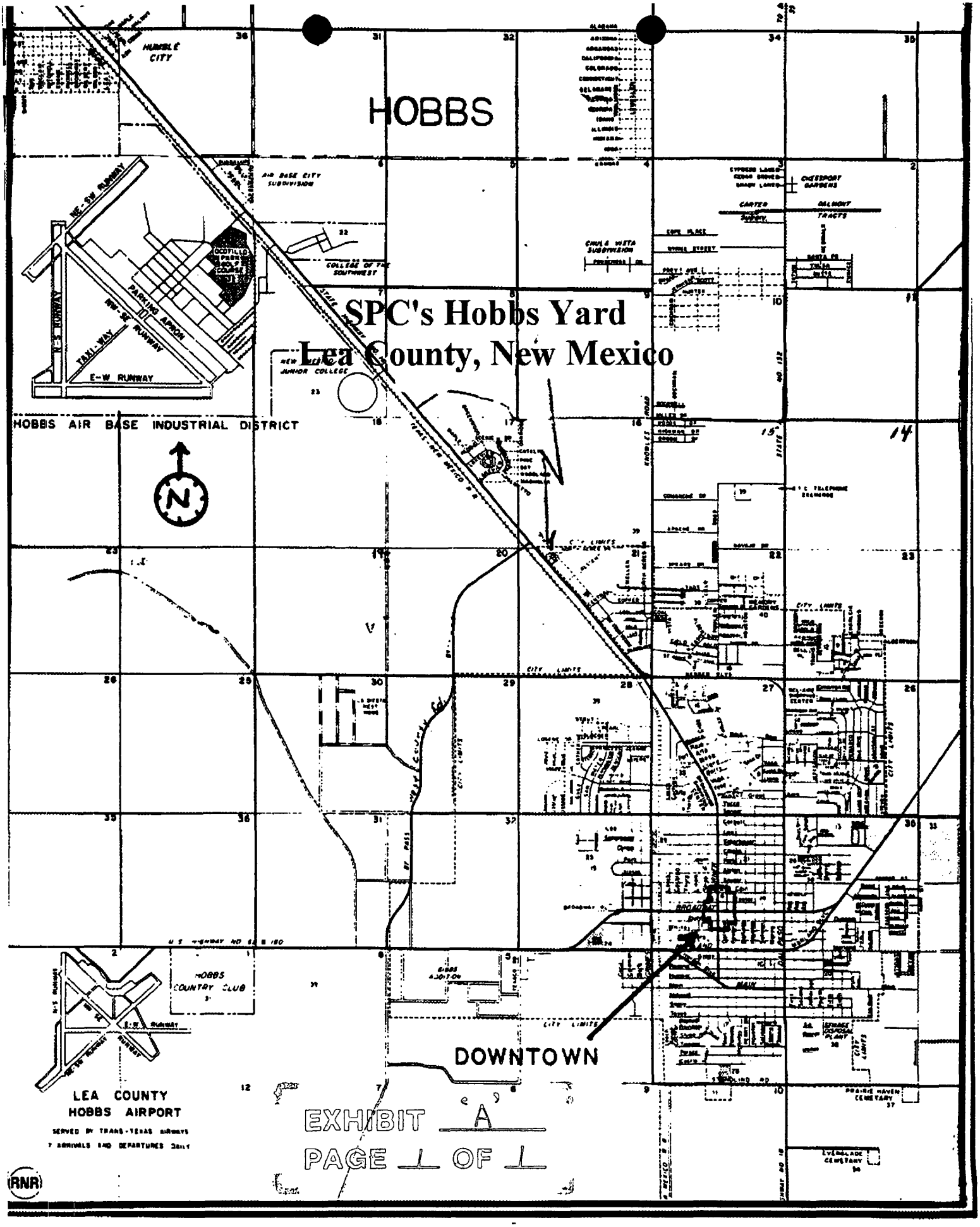
New Mexico Environmental Department
Environmental Improvement Division
Herald Reynolds Building
1190 St. Francis Drive
PO Box 26110
Santa Fe, New Mexico 87502

Clean up will consist of pick up and removal of all liquids and any contaminated soils that could be expected to cause a sheen on water if subject to sufficient quantities of water causing the oil sheen to leave the facility property in run off water. Highly contaminated solids are to be placed in containers or between plastic sheeting until proper disposal to prevent water dispersion.

12) Geological/Hydrological Information For Facility.

The Hobbs shop facility is located in an area with very little elevation changes. Drainage patterns are shallow. Ground water levels in this area are 40 to 60 feet below ground surfaces. Piezometric maps indicate that water wells in this area are producing from the Ogallala or Quaternary aquifers. Analysis of water sample taken from the existing water well at this facility is attached as Exhibit "D".

Due to relatively small amounts of precipitation in this area and the very shallow drainage patterns, this area is not subject to flooding or dramatic run-off events. Excess rain water flows to adjacent roadways and alley, then to City of Hobbs storm water drain system.


HOBBS
SPC's Hobbs Yard
Lea County, New Mexico
HOBBS AIR BASE INDUSTRIAL DISTRICT
HUMBLE CITY
AIR BASE CITY SUBDIVISION
COLLEGE OF THE SOUTHWEST
NEW MEXICO JUNIOR COLLEGE
CHAVEZ MESA SUBDIVISION
CHEESPORT GARDENS
CARTER DELMONT TRACTS
NE-SW RUNWAY
NW-SE RUNWAY
N-S RUNWAY
E-W RUNWAY
TAXI-WAY
PARKING APRON
OCOTILLO PARK GOLF COURSE
HOBBS COUNTRY CLUB
GIBBS ADDITION
DOWNTOWN
CITY LIMITS
BY PASS
U S HIGHWAY NO 62 & 180
LEA COUNTY
HOBBS AIRPORT
SERVED BY TRANS-TEXAS AIRWAYS
7 ARRIVALS AND DEPARTURES Daily
EXHIBIT A
PAGE 1 OF 1
RNR

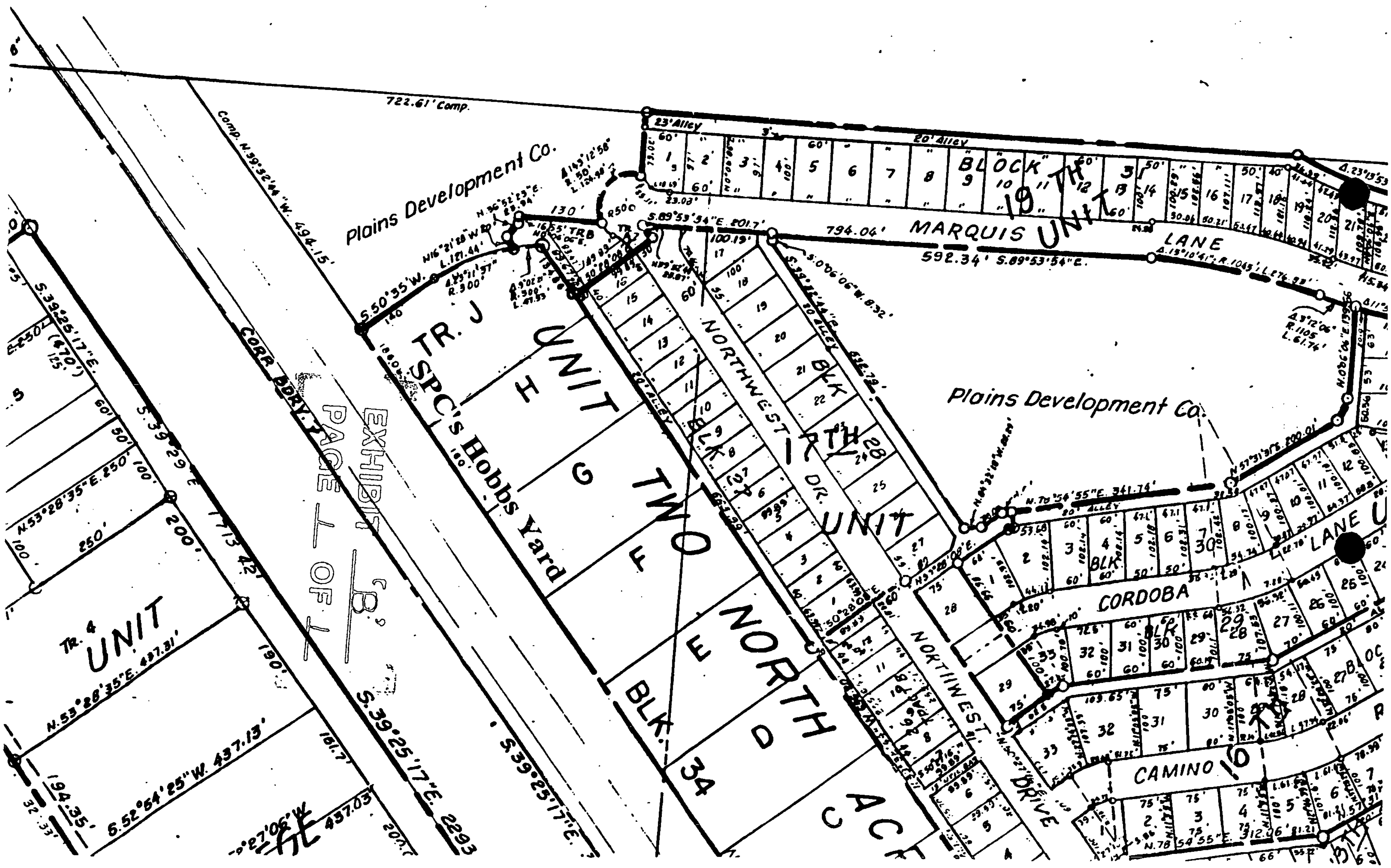


EXHIBIT 'B'
PAGE 1 OF 1
SPC's Hobbs Yard
Plains Development Co.
Plains Development Co.
MARQUIS LANE
BLOCK 31
19TH UNIT
NORTHWEST DR.
NORTHWEST DRIVE
17TH UNIT
CORDOBA
CAMINO
TR. J UNIT TWO NORTH ACRES
BLK. 34
CORR. BDRY.
S.39°25'17"E. 2293
S.39°25'17"E.
Comp. N.39°32'44"W. 494.15'
722.61' Comp.
592.34' S.89°53'54"E.
794.04'
S.39°29'E. 1713.42'
TR. 4 UNIT
N.53°28'35"E. 437.31'
N.53°28'35"E. 437.13'
S.52°54'25"W. 437.13'
194.35'

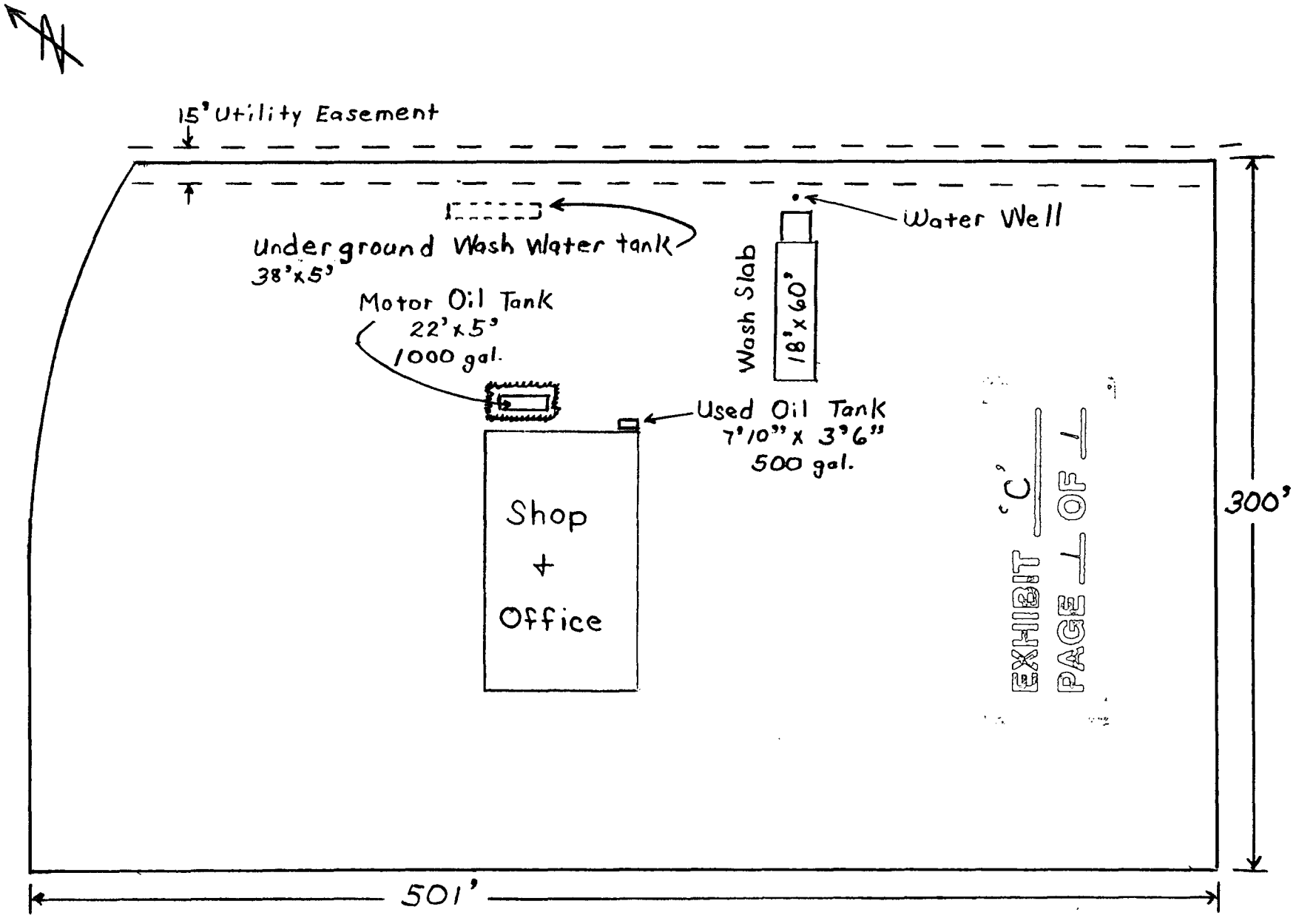


EXHIBIT 'C'
PAGE 1 OF 1

Scurlock Permian Corp.

Hobbs Shop Facility
3514 Lovington Highway
Hobbs, New Mexico 88240

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/26/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Lab Number: H2581-7
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

VOLATILES - 8260 (ppm)		Detection Limit	Sample Result #	Method Blank
1	Dichlorodifluoromethane	0.005	<0.005	<0.005
2	Chloromethane	0.005	<0.005	<0.005
3	Vinyl chloride	0.005	<0.005	<0.005
4	Bromomethane	0.005	<0.005	<0.005
5	Chloroethane	0.005	<0.005	<0.005
6	1,1-Dichloroethene	0.005	<0.005	<0.005
7	Trichlorofluoromethane	0.005	<0.005	<0.005
8	Carbon Disulfide	0.005	<0.005	<0.005
9	Methylene chloride	0.005	<0.005	<0.005
10	trans-1,2-Dichloroethene	0.005	<0.005	<0.005
11	1,1-Dichloroethane	0.005	<0.005	<0.005
12	cis-1,2-Dichloroethene	0.005	<0.005	<0.005
13	2,2-Dichloropropane	0.005	<0.005	<0.005
14	Chloroform	0.005	<0.005	<0.005
15	Bromochloromethane	0.005	<0.005	<0.005
16	1,1,1-Trichloroethane	0.005	<0.005	<0.005
17	1,2-Dichloroethane	0.005	<0.005	<0.005
18	1,1-Dichloropropene	0.005	<0.005	<0.005
19	Benzene	0.005	<0.005	<0.005
20	Carbon tetrachloride	0.005	<0.005	<0.005
21	Trichloroethene	0.005	<0.005	<0.005
22	Dibromomethane	0.005	<0.005	<0.005
23	Bromodichloromethane	0.005	<0.005	<0.005
24	trans-1,3-Dichloropropene	0.005	<0.005	<0.005
25	1,2-Dichloropropane	0.005	<0.005	<0.005
26	cis-1,3-Dichloropropene	0.005	<0.005	<0.005
27	Toluene	0.005	<0.005	<0.005
28	1,1,2-Trichloroethane	0.005	<0.005	<0.005
29	1,3-Dichloropropane	0.005	<0.005	<0.005
30	Dibromochloromethane	0.005	<0.005	<0.005
31	1,2-Dibromoethane	0.005	<0.005	<0.005

EXHIBIT D
PAGE 1 OF 7

BC
7/26/96

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PHONE (806) 796-2800 • 5262 34th ST • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/26/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Lab Number: H2581-7
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

EXHIBIT D
PAGE 2 OF 7

VOLATILES - 8260 (ppm)		Detection Limit	Sample Result #	Method Blank
32	Tetrachloroethene	0.005	<0.005	<0.005
33	Chlorobenzene	0.005	<0.005	<0.005
34	1,1,1,2-Tetrachloroethane	0.005	<0.005	<0.005
35	Ethylbenzene	0.005	<0.005	<0.005
36	m, p - Xylene	0.010	<0.010	<0.010
37	Bromoform	0.005	<0.005	<0.005
38	Styrene	0.005	<0.005	<0.005
39	o-Xylene	0.005	<0.005	<0.005
40	1,1,2,2-Tetrachloroethane	0.005	<0.005	<0.005
41	1,2,3-Trichloropropane	0.005	<0.005	<0.005
42	Isopropylbenzene	0.005	<0.005	<0.005
43	Bromobenzene	0.005	<0.005	<0.005
44	2-Chlorotoluene	0.005	<0.005	<0.005
45	n-propylbenzene	0.005	<0.005	<0.005
46	4-Chlorotoluene	0.005	<0.005	<0.005
47	1,3,5-Trimethylbenzene	0.005	<0.005	<0.005
48	tert-Butylbenzene	0.005	<0.005	<0.005
49	1,2,4-Trimethylbenzene	0.005	<0.005	<0.005
50	1,3-Dichlorobenzene	0.005	<0.005	<0.005
51	sec-Butylbenzene	0.005	<0.005	<0.005
52	1,4 Dichlorobenzene	0.005	<0.005	<0.005
53	4-Isopropyltoluene	0.005	<0.005	<0.005
54	1,2-Dichlorobenzene	0.005	<0.005	<0.005
55	n-Butylbenzene	0.005	<0.005	<0.005
56	1,2-dibromo-3-chloropropane	0.005	<0.005	<0.005
57	1,2,4-Trichlorobenzene	0.005	<0.005	<0.005
58	Naphthalene	0.005	<0.005	<0.005
59	1,2,3-Trichlorobenzene	0.005	<0.005	<0.005

BC
7/26/96

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HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/26/96
Project Number: NOT GIVEN
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Lab Number: H2581-7
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

EXHIBIT D
PAGE 3 OF 7

VOLATILES - 8260 (ppm)	Detection Limit	Sample Result #	Method Blank
		% Recovery	Relative Percent Difference
Surrogates			
60 1,2-Dichloroethane-d4		103	NA
61 Toluene-D8		99	NA
62 4-Bromofluorobenzene		102	NA
Matrix Spikes			
63 1,1-Dichloroethene		103, 102	1
64 Benzene		102, 99	3
65 Toluene		94, 102	8
66 Trichloroethene		87, 92	6
67 Chlorobenzene		104, 96	8

METHODS: EPA SW-846-8260.

Burgess J. A. Cooke, Ph. D.

7/26/96
Date

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ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/26/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Lab Number: H2581-7
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

POLYNUCLEAR AROMATIC HYDROCARBON - 8270 (ppm)	Detection Limit	Sample Result H2581-7	Method Blank	QC	% True Value Recov.	% True Value QC
1 Naphthalene	0.004	<0.004	<0.004	0.047	94	0.050
2 Acenaphthylene	0.004	<0.004	<0.004	0.045	90	0.050
3 Acenaphthene	0.004	<0.004	<0.004	0.055	110	0.050
4 Fluorene	0.004	<0.004	<0.004	0.054	108	0.050
5 Phenanthrene	0.004	<0.004	<0.004	0.045	90	0.050
6 Anthracene	0.004	<0.004	<0.004	0.044	88	0.050
7 Fluoranthene	0.004	<0.004	<0.004	0.045	90	0.050
8 Pyrene	0.004	<0.004	<0.004	0.044	88	0.050
9 Benzo(a)anthracene	0.004	<0.004	<0.004	0.061	122	0.050
10 Chrysene	0.004	<0.004	<0.004	0.054	108	0.050
11 Benzo(b)fluoranthene	0.004	<0.004	<0.004	0.062	124	0.050
12 Benzo(k)fluoranthene	0.004	<0.004	<0.004	0.053	106	0.050
13 Benzo(a)pyrene	0.004	<0.004	<0.004	0.055	110	0.050
14 Indeno(1,2,3-cd)pyrene	0.004	<0.004	<0.004	0.052	104	0.050
15 Dibenzo(a,h,)anthracene	0.004	<0.004	<0.004	0.053	106	0.050
16 benzo(g,h,i)perylene	0.004	<0.004	<0.004	0.041	82	0.050

	% Recovery
17 Nitrobenzene-d5	93
18 2-Fluorobiphenyl	67
19 Terphenyl-d14	95

METHODS: EPA SW 846-8270

EXHIBIT "D"
PAGE 4 OF 7

Chemist

7/26/96
Date

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PHONE (806) 796-2800 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/29/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: SCURLOCK PERMIAN WW

Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:WL

TOTAL METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		7/25/96	7/22/96	7/26/96	7/23/96	7/19/96	7/23/96	7/24/96	7/23/96
H2581-1	SCURLOCK PERMIAN WW	0.016	<0.1	<5	<0.5	<1	<1	<0.025	<0.025
Quality Control		46.4	0.53	9.12	1.06	2.51	2.08	26.1	46.1
True Value QC		50.0	0.50	10.00	1.00	2.50	2.00	25.0	50.0
% Accuracy		92.8	106	91.2	106	100.4	104	104.4	92.1
Relative Percent Difference		10.7	0	4.4	5.2	0.2	3.4	0	6
METHODS: EPA 1311, 600/4-91/0		200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7

EXHIBIT "D"
PAGE 5 OF 7

Wei Li
Wei Li, Chemist

7-29-96
Date

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ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/29/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: SCURLOCK PERMIAN WW

Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: GP/WL

LAB NUMBER	SAMPLE ID	Na ppm	Ca ppm	Mg ppm	K ppm	Cl ppm	SO4 ppm	CO3 ppm	HCO3 ppm
ANALYSIS DATE:		7/27/96	7/27/96	7/27/96	7/27/96	7/25/96	7/25/96	7/25/96	7/25/96
H2581-1	SCURLOCK PERMIAN WW	345	327	54	54	779	305	0	268
Quality Control		1.00	4.99	1.02	1.97	488	49.0	NR	NR
True Value QC		1.00	5.00	1.00	2.00	500	50.0	NR	NR
% Accuracy		100	99.8	102	98.5	97.6	98	NR	NR
Relative Percent Difference		0.6	2.0	0.2	0	2.4	2.0	0	0
METHODS: EPA 600/4-79-02						352.3	375.4		
Std. Methods		3111B	3111B	3111B	3111B			2320B	2320B

EXHIBIT 'D'
PAGE 6 OF 7

Wei Li
Wei Li, Chemist

7-29-96
Date

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ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/29/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: GP

LAB NUMBER	SAMPLE ID	TDS (mg/L)
H2581-1	SCURLOCK PERMIAN WW	3065
Quality Control		NR
True Value QC		NR
% Accuracy		NR
Relative Percent Difference		NR

METHOD: EPA 600/4-79-020, 160.1

EXHIBIT "D"
PAGE 1 OF 1

Gayle A. Potter, Chemist

07/29/96
Date

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NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

November 22, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-856

Mr. Steward Rogers
Scurlock Permian Corporation
P.O. Box 4648
Houston, Texas 77210-4648

Re: Hobbs Facility
Lea County, New Mexico

Dear Mr. Rogers:

Under the provision of the Water Quality Control Commission (WQCC) Regulations, and as a result of the September 17,1996 facility inspection by the New Mexico Oil Conservation Division (OCD) (attachment I), you are hereby notified that the filing of a discharge plan is required for the Hobbs Facility located in Lea County, New Mexico.

The notification of discharge plan requirement is pursuant to Section 3104 and 3106 of the WQCC regulations. The discharge plan, defined in Section 1101.N of the WQCC regulations should cover all discharges of effluent or leachate at the facility site or adjacent to the facility site. Included in the plan should be plans for controlling spills and accidental discharges at the facility, including detection of leaks in buried underground tanks and\or piping.

Pursuant to Section 3106.A, a discharge plan should be submitted for approval to the OCD Director within 120 days of receipt of this letter. Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Hobbs District Office. Note that the completed and signed application form must be submitted with your discharge plan renewal request.

The Director shall allow a period of thirty days from the date of this letter for requesting an exemption from filing a discharge plan. Requests for an exemption shall be in writing and shall set forth the reasons why an exemption should be granted.

A copy of the regulations have been enclosed for your convenience. Also enclosed is a copy of the OCD guideline for the preparation of discharge plans at oil & gas service companies. The guideline addresses berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes.

The discharge plan is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of $50 plus the flat rate of $1380 for oil & gas service companies. The $50 dollar filing fee is due when the discharge plan is submitted. The flat rate fee is due upon approval of the discharge plan.

Please make all checks payable to: **NMED Water Quality Management** and addressed to the OCD Santa Fe office.

If you have any questions, please feel free to contact Mark Ashley at (505) 827-7155.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/mwa

XC: OCD Hobbs Office

ATTACHMENT I
INSPECTION REPORT
SEPTEMBER 17, 1996
SCURLOCK PERMIAN CORPORATION
HOBBS, NEW MEXICO

1. Drum Storage: All drums that contain materials other than fresh water must be stored on an impermeable pad with curbing. All Empty drums should be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curbing containment.

   Numerous empty drums, and drums containing fluids were located throughout the facility, including the arroyo, that were not properly stored (see pictures 16, 17, 19, and 20).

2. Process Area: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

   Used oil filters are being improperly stored outside on the ground surface (see picture 16).

3. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water or alcohol must be bermed to contain a volume of one-third more than the total volume of the largest or all interconnected tanks. All new facilities or modifications to existing facilities must have the tanks placed on an impermeable pad so that leaks can be identified.

   The above ground tank located adjacent to the building, the motor oil tank do not have proper berming (see pictures 17, 18, and 19).

4. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type of containment unless they contain alcohol or fluids which are gases at normal atmospheric pressure and temperature.

5. Labeling: All tanks, drums and containers should be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

6. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation and must incorporate secondary containment and leak-

detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps. The OCD will be notified at least 72 hours prior to all testing.

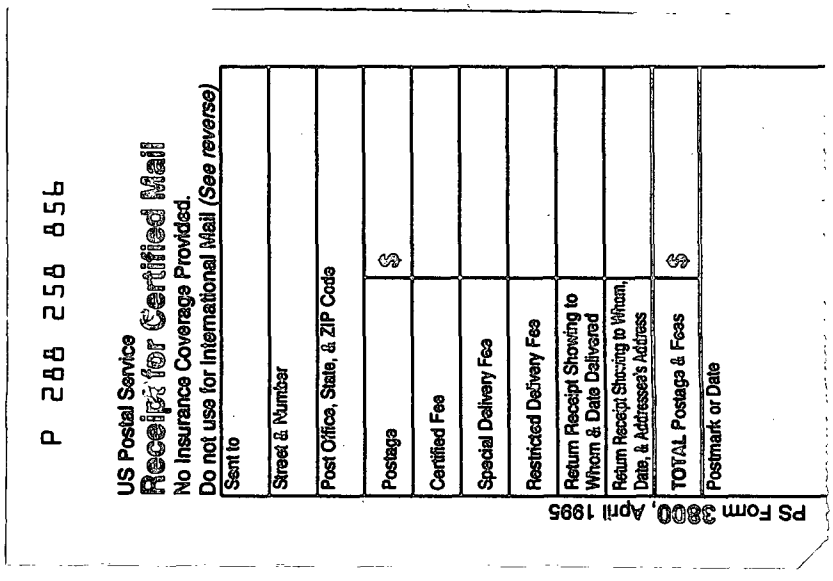
The below grade sumps in pictures 22, and 23 do not appear to have secondary containment.

7. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

8. Housekeeping: All systems designed for spill collection/prevention should be inspected frequently to ensure proper operation and to prevent overtopping or system failure.

Prior to disposal, used oil filters should be drained and stored in such a way as to prevent leaks and/or spills from reaching the ground surface. Used rags, used absorbent, and any other hydrocarbon contaminated solid waste should also be stored in such a way as to prevent leaks and/or spills from reaching the ground surface.

9. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the appropriate OCD District Office.



Mark Ashley

From: Wayne Price
Sent: Tuesday, July 16, 1996 2:15 PM
To: Bill Olson; Mark Ashley; Roger Anderson
Cc: Jerry Sexton
Subject: Scurlock-Permian
Importance: High

To: Environmental Staff

Richard Lentz delivered the analytical results for the sump waste.

The Oil is hazardous by Benzene and Ignitability. The sump sludge is non-hazardous.
I will fax you the analyticals today.

I advised Mr. Lentz to call the NMED (haz. waste) concerning the material that is hazardous, I provided him the NMED telephone number. Since this is a service co. I am advising him to call NMOCD Santa Fe (Mark Ashley) on the proper disposal of the non-hazardous oilfield service co. waste.

Scurlock has a trailer full of waste water (approx. 150 bbls) that they would like to dispose of so they can free up the trailer. They also have the sludge, and contaminated soil to dispose of.

Please let me know how I can be of assistance to you.

CARDINAL LABORATORIES

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401
PHONE (806) 796-2800 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-1
Sample ID: OIL (LIQUID)

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: LIQUID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2571-1	Method Blank	QC	%IA	True Value QC
Vinyl Chloride	0.20	<0.5	<0.002	0.094	94	0.100
1,1-Dichloroethylene	0.70	<0.5	<0.002	0.090	90	0.100
Methyl Ethyl Ketone	200.00	<2.5	<0.002	0.111	111	0.100
Chloroform	6.00	<0.5	<0.002	0.100	100	0.100
1,2-Dichloroethane	0.50	<0.5	<0.002	0.103	103	0.100
Benzene	0.50	49.3	<0.002	0.105	105	0.100
Carbon Tetrachloride	0.50	<0.5	<0.002	0.097	97	0.100
Trichloroethylene	0.50	<0.5	<0.002	0.096	96	0.100
Tetrachloroethylene	0.70	<0.5	<0.002	0.093	93	0.100
Chlorobenzene	100.00	<2.5	<0.002	0.101	101	0.100
1,4-Dichlorobenzene	7.50	<0.5	<0.002	0.099	99	0.100

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Dibromofluoromethane	101	7
Toluene-d8	88	16
Bromofluorobenzene	92	6

METHODS: EPA SW 846-8260

Ignitability: 100 deg. F

METHODS: EPA SW 846-1010

Burgess J. A. Cooke, Ph. D.

7/9/96
Date

@ 11:00 AM
JUL 16 1996
OCD HOBBS OFFICE

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SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-1
Sample ID: OIL (LIQUID)

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: LIQUID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2571-1	Method Blank	QC	%Recov.	True Value QC
Pyridine	5.00	<100	<0.002	0.071	71	0.100
1,4-Dichlorobenzene	7.50	<100	<0.002	0.101	101	0.100
o-Cresol	200	<100	<0.002	0.107	107	0.100
m, p-Cresol	200	<100	<0.004	0.208	104	0.200
Hexachloroethane	3.00	<100	<0.002	0.098	98	0.100
Nitrobenzene	2.00	<100	<0.002	0.118	118	0.100
Hexachloro-1,3-butadiene	0.500	<100	<0.002	0.110	110	0.100
2,4,6-Trichlorophenol	2.00	<100	<0.002	0.090	90	0.100
2,4,5-Trichlorophenol	400	<100	<0.002	0.082	82	0.100
2,4-Dinitrotoluene	0.130	<100	<0.002	0.134	134	0.100
Hexachlorobenzene	0.130	<100	<0.002	0.112	112	0.100
Pentachlorophenol	100	<100	<0.002	0.109	109	0.100

	% RECOVERY
Fluorophenol	78
Phenol-d5	87
Nitrobenzene-d5	97
2-Fluorobiphenyl	86
2,4,6-Tribromophenol	*MI
Terphenyl-d14	93

METHODS: EPA SW 846-8270
MI - Matrix Interference

JUL 16 1996
OCD HOBBS OFFICE

Burgess J.A. Cooke, Ph. D.

7/9/96
Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-2
Sample ID: SLUDGE

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2571-2	Method Blank	QC	%IA	True Value QC
Vinyl Chloride	0.20	<0.10	<0.002	0.094	94	0.100
1,1-Dichloroethylene	0.70	<0.05	<0.002	0.090	90	0.100
Methyl Ethyl Ketone	200.00	<0.50	<0.002	0.111	111	0.100
Chloroform	6.00	<0.05	<0.002	0.100	100	0.100
1,2-Dichloroethane	0.50	<0.05	<0.002	0.103	103	0.100
Benzene	0.50	0.19	<0.002	0.105	105	0.100
Carbon Tetrachloride	0.50	<0.05	<0.002	0.097	97	0.100
Trichloroethylene	0.50	<0.05	<0.002	0.096	96	0.100
Tetrachloroethylene	0.70	<0.05	<0.002	0.093	93	0.100
Chlorobenzene	100.00	<0.05	<0.002	0.101	101	0.100
1,4-Dichlorobenzene	7.50	<0.05	<0.002	0.099	99	0.100

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Dibromofluoromethane	107	7
Toluene-d8	104	16
Bromofluorobenzene	98	6

METHODS: EPA SW 846-8260

Ignitability: Nonflammable

METHODS: EPA SW 846-1030 (Prpoposed)

JUL 16 1996
OCD HOBBS OFFICE

Burgess J. A. Cooke, Ph. D.

7/9/96
Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-2
Sample ID: SLUDGE

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type:SOLID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2571-2	Method Blank	QC	%Recov.	True Value QC
Pyridine	5.00	<0.005	<0.002	0.071	71	0.100
1,4-Dichlorobenzene	7.50	<0.005	<0.002	0.101	101	0.100
o-Cresol	200	<0.005	<0.002	0.107	107	0.100
m, p-Cresol	200	<0.010	<0.004	0.208	104	0.200
Hexachloroethane	3.00	<0.005	<0.002	0.098	98	0.100
Nitrobenzene	2.00	<0.005	<0.002	0.118	118	0.100
Hexachloro-1,3-butadiene	0.500	<0.005	<0.002	0.110	110	0.100
2,4,6-Trichlorophenol	2.00	<0.005	<0.002	0.090	90	0.100
2,4,5-Trichlorophenol	400	<0.005	<0.002	0.082	82	0.100
2,4-Dinitrotoluene	0.130	<0.005	<0.002	0.134	134	0.100
Hexachlorobenzene	0.130	<0.005	<0.002	0.112	112	0.100
Pentachlorophenol	100	<0.050	<0.002	0.109	109	0.100

	% RECOVERY
Fluorophenol	46
Phenol-d5	54
Nitrobenzene-d5	81
2-Fluorobiphenyl	72
2,4,6-Tribromophenol	56
Terphenyl-d14	93

METHODS: EPA SW 846-8270
MI - Matrix Interference

JUL 16 1996
OCD HOBBS OFFICE

Burgess J.A. Cooke, Ph. D.

7/9/96
Date

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PHONE (806) 795-2800 • 6262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/13/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:WL

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		7/13/96	7/11/96	7/10/96	7/12/96	7/12/96	7/11/96	7/9/96	7/10/96
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H2571-1	OIL (LIQUID)	<0.025	<0.1	<5	<0.5	<1	<1	<0.02	<0.1
H2571-2	SLUDGE (SOLID)	<0.025	<0.1	<5	<0.5	<1	<1	<0.02	<0.1
Quality Control		48.7	0.49	10.6	1.01	2.34	1.97	23.3	0.437
True Value QC		50.0	0.50	10.0	1.00	2.50	2.00	25.0	0.500
% Accuracy		97.1	98.6	106	101	93.5	98.5	92.1	88.4
Relative Percent Difference		0.5	5	0.2	1.6	9.6	0	17	0.7
METHODS: EPA 1311, 600/4-91/010		200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7

Wei Li
Wei Li, Chemist

JUL 16 1996
OCD HOBBS OFFICE

7-13-96
Date

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PHONE (806) 796-2600 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/12/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Analysis Date: 07/11/96
Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:MR

LAB NUMBER	SAMPLE ID	REACTIVITY H2S (ppm)	REACTIVITY HCN (ppm)
H2571-1	OIL (LIQUID)	6.00	0.27
H2571-2	SLUDGE (SOLID)	14.00	0.27
Quality Control		30	0.4262
True Value QC		30	0.4000
% Accuracy		100	107
Relative Percent Difference		0	0

METHOD: EPA SW 846-7.3.4.1

JUL 16 1996
OCD HOBBS OFFICE

Burgess J. A. Cooke, Ph. D.

7/13/96
Date

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ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/12/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Analysis Date: 07/12/96
Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:BC

LAB NUMBER	SAMPLE ID	Corrosivity as pH (s.u.)
H2571-1	OIL (LIQUID)*	6.14
H2571-2	SLUDGE (SOLID)**	7.28
Quality Control		7.02
True Value QC		7.00
% Accuracy		100
Relative Percent Difference		0

METHOD: EPA 600/4-79-020, 150.1

*Measurement on water layer with oil.
**Measurement on water extract of sludge.

JUL 16 1996
OCD HOBBS OFFICE

Burgess J. A. Cooke, Ph. D.

7/12/96
Date

H2571.XLS

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Safety & Environmental Solutions, Inc

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

ect Manager: Bob Allen
Phone #:
FAX #:
FAX 505 393-4388

pany Name & Address: Scurlock Permian

ect #:
Project Name: Wash Rack Sump

ect Location: 3514 Lovington Hwy Scurlock SPC Yard Hobbs, N.M.
Sampler Signature: Bob Allen

H2571

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	SAMPLING: DATE	TIME
1	Oil (Liquid)	1	1QT							✓		6/25/96	4:30 PM
2	Sludge	1	8 oz				✓			✓		6/25/96	4:35 PM

ANALYSIS REQUEST: BTEX, MTBE; TPH; Total Metals Ag As Ba Cd Cr Pb Hg Se; TCLP Metals Ag As Ba Cd Cr Pb Hg Se; TCLP Volatiles; TCLP Semi Volatiles; RCI; 8240 / 8260; 8270

SPECIAL HANDLING: Turn around # of days; Fax ASAP; Hold

JUL 19 1996 OCD HOBBS OFFICE

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Bob Allen	6-25-96	4:45PM	[signature]	6/26/96	4:55PM
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:

REMARKS
#1 Skimmed from West side of Wash Rack Sump
#2 Collected at East side Wash Rack Sump

Mark Ashley

From: Wayne Price
Sent: Thursday, July 11, 1996 10:13 AM
To: Mark Ashley
Cc: Jerry Sexton
Subject: FW: Scurlock-Permian

Mark, David Hooten City of Hobbs also requested a copy.

From: Wayne Price
To: Mark Ashley
Cc: Jerry Sexton
Subject: Scurlock-Permian
Date: Thursday, July 11, 1996 10:07AM

Dear Mark,

Per our discussion I gave Richard Lentz (SP) a copy of the file report and a copy of the current NMOCD Discharge Plan Guidelines this morning.

I am also coping the NMED Tom Burt per Jerry's request.

Let me know if I can be of further assistance.

Mark Ashley

From: Wayne Price
Sent: Monday, July 08, 1996 11:09 AM
To: Chris Eustice; Mark Ashley; Roger Anderson
Cc: Jerry Sexton
Subject: Scurlock - Permian Sump oil Release
Importance: High

Dear Roger,

Please find attached my preliminary field report on the above referenced spill.

Please note the City of Hobbs called me this morning and indicated they are having a problem with a city water well located near Scurlock's yard. They are getting detectable levels of benzene and are looking for a source.

Please note in my field report I indicated that Scurlock has an existing water well with the casing open and some of the oil released from the sump might have a reasonable probability of entering this open well bore.

I am therefor recommending we raise our level of awareness of this situation.

SCUR-PER.SPI

NMOCD INTER-OFFICE CORRESPONDENCE

TO: File of Scurlock-Permian Corp.

From: Wayne Price-Environmental Engineer

Date: July 5, 1996

Reference: Scurlock-Permian Trucking Yard
3514 Lovington Hwy.-Hobbs NM

Subject: **Release of wash rack sump oil**

Comments:

At approximately 2:00 pm on Thursday June 27, 1996 the NMOCD District I office received a call from the City of Hobbs Emergency Management Manager David Hooten. Mr. Hooten notified us that residences in the area near Scurlock-Permian's yard were calling in and complaining about nuisance odors and oil being discharged from Scurlock's property onto the city's alleys and streets.

Upon arriving at the site it was determined that due to a rain event Scurlock's old wash rack sump had overflowed due to the influx of rainwater thus floating the sump oil out and discharged it to the alley. Mr. Richard Lentz Scurlock's yard manager indicated to NMOCD and City of Hobbs Emergency Team that only a very small amount of oil was actually discharged, less than 5 gallons, and he was in the process of pumping out an underground storage tank to alleviate the problem and would clean-up any oil stain in the alley. The underground tank was estimated to be approximately 120 BBL's in volume and is connected to the wash rack pad and sump. Per Mr. Lentz this waste water collection system is not connected to the city sewer system.

It was noted that free oil was still floating on top of the rainwater and running down the alley. Scurlock did not appear to think this was a problem at this time.

Upon further investigation after the rainfall stopped, the City of Hobbs Emergency Management Team informed NMOCD and Scurlock that the oil had deposited on city streets, sidewalks, and car tires along Caprock, Northwest & Camino Real and free oil was noted to be discharging into the City Of Hobbs stormwater drain system. Also children were noted playing in this water.

At approximately 2:40 pm Wayne Price and David Hooten recommended to Mr. Lentz that he should obtain additional help in his emergency response efforts. We also recommended to him to notify his company environmental department to assist him in Scurlock's reporting and emergency response requirements.

At 2:50 pm NMED was notified. Tom Burt and Don Byers inspected site at approximately 3:00 pm. Mr. Burt indicated he though that Scurlock's facility will be the jurisdiction of the NMOCD from the standpoint of ground water protection and the disposal of any non-hazardous service company type waste. Mr. Burt will notify NMED Surface water and Hazardous waste departments.

Scurlock's Haz-Mat crew arrived on site at approximately 3:15 pm and NM State Police Haz-Mat commander Keith Elder same time. Haz-Mat crew, City of Hobbs, City and State Police begin implementing source elimination, site security, installation of containment berms, and recovery and cleaning operations.

The City of Hobbs assisted by spreading sand in certain areas. All waste collected was taken back and stored at Scurlock's yard.

Mr. Lentz indicated that water, sludge & oil in sump is from past operations such as washing off trucks, engines, equipment etc, utilizing a steamer with de-greasing solvents and soaps.

He indicated most of this material was generated when the facility was still the Permian Corp. but occasionally one of his drivers might still use the wash rack sparingly.

Scurlock's manager Mr. Lentz indicated all the liquid waste collected was going to be hauled to Rice's SWD facility and the contaminated soils were going to be taken to their Brine station west of town and co-mingle with other waste and spread on site.

I (Wayne Price) advised Mr. Lentz that all waste generated from this spill should be characterized to determine if it is RCRA Exempt, or NON-Exempt and whether it would be classified as Hazardous Waste.

Informed Mr. Lentz that disposal of any of this waste will require NMOCD approval and recommend to him to store it properly on site until the proper determinations were made. Mr. Lentz indicated they normally as in the past would haul this liquid waste to a class II SWD.

4:30 pm Wayne Price & Tom Burt took pictures. (see file). Called NMOCD Environmental Bureau left message about spill event.

5:30 pm left site.

7:45 am June 28, 1996:

Roger Anderson NMOCD Environmental Bureau Chief called and discussed procedures on how to have Scurlock sample the sump and perform a preliminary site inspection to aid in their Discharge Plan review process.

1:45 pm Met Mr. Lentz at site, discussed nature of business. Mr. Lentz indicated Scurlock's primary business is crude oil marketing and transportation, hauling oil field fresh and brine water to rigs, and hauling produced water to disposals.

Made an inspection of sump and yard, took field notes and pictures. Provided Scurlock with NMOCD spill reporting information and forms, spill guidelines, EPA RCRA waste determinations, TCLP hazardous characteristics compliance criteria and discussed NMOCD Service Co. Discharge Plans. Witness Scurlock's consultant sample sump oil and sludge. Scurlock to provide NMOCD results when available.
It was noted that Scurlock has an old water well located in the spill area in which the surface conduit is flush with the ground level and open. Therefore it is a good possibly that some of the oil went into this open well bore. **It was noted that part of the City of Hobbs Public Drinking Supply well field is located nearby just north and up the alley.**

3:00 pm inspected spill area on site, in alley and streets. Some sand still remaining in streets, Scurlock picked up and placed with other contaminated soils on site.

Liquids removed from the UST and contaminated rainwater is being stored in trailer # 1024A. Scurlock will transfer this material to trailer # 1047A.

Requested C-133 permit Number. Scurlock will check if they have one.

July 2, 1996: Received spill report from Scurlock: (attached)

July 3, 1996:

Scurlock provided copy of State Corporation Commission of NM warrant # 1337 to haul certain products and water in NM. Checked with NMOCD District I and Santa Fe office, there is no record of C-133 permit which is required by the NMOCD to haul produce water.

July 5, 1996:

10:30 am

Scurlock requested a copy of form C-133. Delivered form, took pictures of chemicals used with wash rack steamer, requested information on all chemicals that were used in cleaning process that would have entered sump.

Scurlock requested NMOCD to check and see if Western Oil Transportation Inc. had a C-133 permit issue to them.

11:14 am. Richard Lentz delivered MSDS on HCL acid cleaner found in steamer room. Price & Lentz checked C-133 file found permit under Western Oil Transportation Inc.

Conclusions:

The size of the inside dimensions of the two sump compartments below the discharge line is estimated to hold approximately 300 gallons each. Therefore since one side of the sump was full of sludge it can be concluded that the maximum quantity of oil discharged could have been as much as 300 gallons, however the actual quantity is not know.

This release could have been prevented if Scurlock-Permian would have implemented engineering controls previously such as proper berms, inventory of UST and sump volumes etc. and since the UST and sump were not being used anymore this waste should have been properly classified and disposed of.

The quantity of the released oil could have been reduced substantially if Scurlock-Permian would have had an emergency spill contingency plan in place.

Due to the close proximity of the open water well bore the released oil might have contaminated the ground water.

Scurlock-Permian failed to make an immediate notification of this release per NMOCD rule 116.

After receiving additional feedback from the City of Hobbs, the environmental impact to the stormwater drain system and final receptor (Seminole draw) appears to be negligible at this time.

Recommendations:

Scurlock-Permian should be scheduled for a site inspection from the NMOCD Santa Environmental Bureau so as NMOCD may review the facility to determine if Scurlock-Permian should be required to obtain a (WQCC) discharge plan permit.

This plan permit will set forth in detail the methods or techniques the discharger proposes to use which will ensure compliance with New Mexico's Water Quality Control Commission (WQCC) regulations and the Oil and Gas Act.

This plan will ensure that this type of release will be greatly minimized in the future by implementing the proper environmental controls, to determine and/or abate any existing contamination (i.e. possible ground water contamination from the old water well), properly dispose of any waste stored on site, and to prevent future potential contamination for the protection of ground water, public health and the environment.

cc: Jerry Sexton-NMOCD District I Supervisor
Roger Anderson-Environmental Bureau Chief

attachments-Pictures and field notes in NMOCD file.
-Scurlock's Spill Report.

file: SCUR-Per.SPI

Pictures of Spill Site: 359253

Scurlock-Permian (SP) SP-6-27-96-1 thru 13.
3514 Lovington Hwy.
Hobbs NM
Taken By: Wayne Price on June 27, 1996 approx. 4:30 to 5:30 pm.

#1.	SP-6-27-96-1	Wash Rack sump, steamer Bldg, & pad; looking south.
#2.	SP-6-27-96-2	Alley between northwest and Lovington Hwy. Rain water with oil floating on water. Background shows emergency containment berm near Caprock street.
#3	SP-6-27-96-3	Alley between Northwest St. and Lovington Hwy. Weeds with oil on them.
#4.	SP-6-27-96-4	Wash Rack sump where oil overflowed.
#5.	SP-6-27-96-5	Standing in alley & looking west.
#6.	SP-6-27-96-6	Looking east, shows wash rack pad.
#7.	SP-6-27-96-7	Looking into sump with lid open. Standing on north side of sump. East side of sump has water, oil and mostly sludge. West side shows oil.
#8.	SP-6-27-96-8	Picture shows Wash Rack UST (underground storage tank). Background shows steamer bldg. and sump area.
#9	SP-6-27-96-9	Corner of Caprock and Northwest.
#10.	SP-6-27-96-10	Picture of tire on pick-up parked on west side of Northwest with oil mark on it.
#11	SP-6-27-96-11	Oil on sidewalk at 3405 Northwest.
#12	SP-6-27-96-12	Haz-Mat Incident scene at Camino Real where

water was entering stormwater drain.

#13. SP-6-27-96-13 Corner of Caprock and alley leading to Scurlock-Permian facility. SP truck recovering contaminated rainwater.

Pictures of Spill Site: 359404

Scurlock-Permian (SP) SP-6-28-96-1 thru 13.
3514 Lovington Hwy.
Hobbs NM
Taken By: Wayne Price on June 28, 1996 approx. 2:00 pm.-4:30 pm

#1 SP-6-28-96-1 Water well located behind steamer bldg. and around corner from sump.

#2. SP-6-28-96-2 Water well, picture shows open casing.

#3. SP-6-28-96-3 Looking north, shows cleaned-up spill area, water well, steamer pad. etc. Drum of chemical cleaner (AB-Brightner ? and half drum with unidentified waste oil in it.)

#4. SP-6-28-96-4 Same as #3, except looking east.

#5. SP-6-28-96-5 Looking northwest, shows SE corner of shop building, misc drums oil and used oil tank.

#6. SP-6-28-96-6 Looking North, same as above.

#7. SP-6-28-96-7 Richard Lentz(L) SP and Bob Allen (R) SES consultant sampling oil in west side of sump.

#8. SP-6-28-96-8 Oil sample taken from west side of sump. Oil layer was very thin and had to be skimmed to take sample.

#9. SP-6-28-96-9 Sludge sample being taken using a Coliwasa sampler from the east side of the sump.

#10 SP-6-28-96-10 Same as #9.

#11 SP-6-28-96-11 Misc. drums stored on NE corner of SP property.

#12 SP-6-28-96-12 Contaminated soil picked-up in alley and streets generated up from sump oil release covered with plastic. Background shows

building which houses City of Hobbs Public Water Supply.

#13. SP-6-28-96-13 Misc. drums stored in NE corner of building.

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PHONE (806) 796-2800 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/26/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Lab Number: H2581-7
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

VOLATILES - 8260 (ppm)		Detection Limit	Sample Result #	Method Blank
1	Dichlorodifluoromethane	0.005	<0.005	<0.005
2	Chloromethane	0.005	<0.005	<0.005
3	Vinyl chloride	0.005	<0.005	<0.005
4	Bromomethane	0.005	<0.005	<0.005
5	Chloroethane	0.005	<0.005	<0.005
6	1,1-Dichloroethene	0.005	<0.005	<0.005
7	Trichlorofluoromethane	0.005	<0.005	<0.005
8	Carbon Disulfide	0.005	<0.005	<0.005
9	Methylene chloride	0.005	<0.005	<0.005
10	trans-1,2-Dichloroethene	0.005	<0.005	<0.005
11	1,1-Dichloroethane	0.005	<0.005	<0.005
12	cis-1,2-Dichloroethene	0.005	<0.005	<0.005
13	2,2-Dichloropropane	0.005	<0.005	<0.005
14	Chloroform	0.005	<0.005	<0.005
15	Bromochloromethane	0.005	<0.005	<0.005
16	1,1,1-Trichloroethane	0.005	<0.005	<0.005
17	1,2-Dichloroethane	0.005	<0.005	<0.005
18	1,1-Dichloropropene	0.005	<0.005	<0.005
19	Benzene	0.005	<0.005	<0.005
20	Carbon tetrachloride	0.005	<0.005	<0.005
21	Trichloroethene	0.005	<0.005	<0.005
22	Dibromomethane	0.005	<0.005	<0.005
23	Bromodichloromethane	0.005	<0.005	<0.005
24	trans-1,3-Dichloropropene	0.005	<0.005	<0.005
25	1,2-Dichloropropane	0.005	<0.005	<0.005
26	cis-1,3-Dichloropropene	0.005	<0.005	<0.005
27	Toluene	0.005	<0.005	<0.005
28	1,1,2-Trichloroethane	0.005	<0.005	<0.005
29	1,3-Dichloropropane	0.005	<0.005	<0.005
30	Dibromochloromethane	0.005	<0.005	<0.005
31	1,2-Dibromoethane	0.005	<0.005	<0.005

BC
7/26/96

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ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/26/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Lab Number: H2581-7
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

VOLATILES - 8260 (ppm)		Detection Limit	Sample Result #	Method Blank
32	Tetrachloroethene	0.005	<0.005	<0.005
33	Chlorobenzene	0.005	<0.005	<0.005
34	1,1,1,2-Tetrachloroethane	0.005	<0.005	<0.005
35	Ethylbenzene	0.005	<0.005	<0.005
36	m, p - Xylene	0.010	<0.010	<0.010
37	Bromoform	0.005	<0.005	<0.005
38	Styrene	0.005	<0.005	<0.005
39	o-Xylene	0.005	<0.005	<0.005
40	1,1,2,2-Tetrachloroethane	0.005	<0.005	<0.005
41	1,2,3-Trichloropropane	0.005	<0.005	<0.005
42	Isopropylbenzene	0.005	<0.005	<0.005
43	Bromobenzene	0.005	<0.005	<0.005
44	2-Chlorotoluene	0.005	<0.005	<0.005
45	n-propylbenzene	0.005	<0.005	<0.005
46	4-Chlorotoluene	0.005	<0.005	<0.005
47	1,3,5-Trimethylbenzene	0.005	<0.005	<0.005
48	tert-Butylbenzene	0.005	<0.005	<0.005
49	1,2,4-Trimethylbenzene	0.005	<0.005	<0.005
50	1,3-Dichlorobenzene	0.005	<0.005	<0.005
51	sec-Butylbenzene	0.005	<0.005	<0.005
52	1,4 Dichlorobenzene	0.005	<0.005	<0.005
53	4-Isopropyltoluene	0.005	<0.005	<0.005
54	1,2-Dichlorobenzene	0.005	<0.005	<0.005
55	n-Butylbenzene	0.005	<0.005	<0.005
56	1,2-dibromo-3-chloropropane	0.005	<0.005	<0.005
57	1,2,4-Trichlorobenzene	0.005	<0.005	<0.005
58	Naphthalene	0.005	<0.005	<0.005
59	1,2,3-Trichlorobenzene	0.005	<0.005	<0.005

BC
7/22/96

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Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

VOLATILES - 8260 (ppm)	Detection Limit	Sample Result #	Method Blank
		% Recovery	Relative Percent Difference
Surrogates			
60 1,2-Dichloroethane-d4		103	NA
61 Toluene-D8		99	NA
62 4-Bromofluorobenzene		102	NA
Matrix Spikes			
63 1,1-Dichloroethene		103, 102	1
64 Benzene		102, 99	3
65 Toluene		94, 102	8
66 Trichloroethene		87, 92	6
67 Chlorobenzene		104, 96	8

METHODS: EPA SW-846-8260.

Burgess J. A. Cooke, Ph. D.

7/26/96
Date

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Lab Number: H2581-7
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

POLYNUCLEAR AROMATIC HYDROCARBON - 8270 (ppm)	Detection Limit	Sample Result H2581-7	Method Blank	QC	% True Value Recov.	% True Value QC
1 Naphthalene	0.004	<0.004	<0.004	0.047	94	0.050
2 Acenaphthylene	0.004	<0.004	<0.004	0.045	90	0.050
3 Acenaphthene	0.004	<0.004	<0.004	0.055	110	0.050
4 Fluorene	0.004	<0.004	<0.004	0.054	108	0.050
5 Phenanthrene	0.004	<0.004	<0.004	0.045	90	0.050
6 Anthracene	0.004	<0.004	<0.004	0.044	88	0.050
7 Fluoranthene	0.004	<0.004	<0.004	0.045	90	0.050
8 Pyrene	0.004	<0.004	<0.004	0.044	88	0.050
9 Benzo(a)anthracene	0.004	<0.004	<0.004	0.061	122	0.050
10 Chrysene	0.004	<0.004	<0.004	0.054	108	0.050
11 Benzo(b)fluoranthene	0.004	<0.004	<0.004	0.062	124	0.050
12 Benzo(k)fluoranthene	0.004	<0.004	<0.004	0.053	106	0.050
13 Benzo(a)pyrene	0.004	<0.004	<0.004	0.055	110	0.050
14 Indeno(1,2,3-cd)pyrene	0.004	<0.004	<0.004	0.052	104	0.050
15 Dibenzo(a,h,)anthracene	0.004	<0.004	<0.004	0.053	106	0.050
16 benzo(g,h,l)perylene	0.004	<0.004	<0.004	0.041	82	0.050

	% Recovery
17 Nitrobenzene-d5	93
18 2-Fluorobiphenyl	87
19 Terphenyl-d14	95

METHODS: EPA SW 846-8270

Chemist

7/26/96
Date

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ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/29/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: SCURLOCK PERMIAN WW

Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:WL

TOTAL METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		7/25/96	7/22/96	7/26/96	7/23/96	7/19/96	7/23/96	7/24/96	7/23/96
H2581-1	SCURLOCK PERMIAN WW	0.016	<0.1	<5	<0.5	<1	<1	<0.025	<0.025
Quality Control		46.4	0.53	9.12	1.06	2.51	2.08	26.1	46.1
True Value QC		50.0	0.50	10.00	1.00	2.50	2.00	25.0	50.0
% Accuracy		92.8	106	91.2	106	100.4	104	104.4	92.1
Relative Percent Difference		10.7	0	4.4	6.2	0.2	3.4	0	6
METHODS: EPA 1311, 600/4-91/0		200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7

Wei Li
Wei Li, Chemist

7-29-96
Date

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ATTN: DEE WHATLEY
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HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/29/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: SCURLOCK PERMIAN WW

Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: GP/WL

LAB NUMBER	SAMPLE ID	Na ppm	Ca ppm	Mg ppm	K ppm	Cl ppm	SO4 ppm	CO3 ppm	HCO3 ppm
ANALYSIS DATE:		7/27/96	7/27/96	7/27/96	7/27/96	7/25/96	7/25/96	7/25/96	7/25/96
H2581-1	SCURLOCK PERMIAN WW	345	327	54	54	779	305	0	268
Quality Control		1.00	4.99	1.02	1.97	488	49.0	NR	NR
True Value QC		1.00	5.00	1.00	2.00	500	50.0	NR	NR
% Accuracy		100	99.8	102	98.5	97.6	98	NR	NR
Relative Percent Difference		0.6	2.0	0.2	0	2.4	2.0	0	0
METHODS: EPA 600/4-79-02						352.3	375.4		
	Std. Methods	3111B	3111B	3111B	3111B			2320B	2320B

Wei Li
Wei Li, Chemist

7-29-96
Date

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PHONE (806) 796-2600 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/29/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: GP

LAB NUMBER	SAMPLE ID	TDS (mg/L)
H2581-1	SCURLOCK PERMIAN WW	3065
Quality Control		NR
True Value QC		NR
% Accuracy		NR
Relative Percent Difference		NR

METHOD: EPA 600/4-79-020, 160.1

Gayle A. Potter, Chemist

Date 07/29/96

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H-2581

CARDINAL LABORATORIES
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Chain of Custody Record

Project I.D. ____
Project Location Scurlock Permian
Sampled By Dee Whatley
Client Name SESI
Address ____
Telephone ____

Sample Number	Date	Time	Composite	Grab	Sample Location	Number of Containers	Analysis Required: aromatic	halogenated volatile orgs	polynuclear aromatic hydrocarbons	heavy metals	total dissolved solids	major cations	anions	Remarks (Type sample, preservation, etc.)
1	7-18	4:30			Scurlock Permian WW		X	X	X	X	X	X	X	Water, Ice, Cool

Released by: (Signature)	Date	Time	Received by: (Signature)	Remarks:	Shipped/Delivered
Dee Whatley	7/18/96	4:30	[signature]	SK analyzed as #1 called & on reports	
Released by: (Signature)	Date	Time	Received by: (Signature)		

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PHONE (806) 796-2600 • 5262 S. IH-27 • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-2
Sample ID: SLUDGE

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type:SOLID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2571-2	Method Blank	QC	%Recov.	True Value QC
Pyridine	5.00	<0.005	<0.002	0.071	71	0.100
1,4-Dichlorobenzene	7.50	<0.005	<0.002	0.101	101	0.100
o-Cresol	200	<0.005	<0.002	0.107	107	0.100
m, p-Cresol	200	<0.010	<0.004	0.208	104	0.200
Hexachloroethane	3.00	<0.005	<0.002	0.098	98	0.100
Nitrobenzene	2.00	<0.005	<0.002	0.118	118	0.100
Hexachloro-1,3-butadiene	0.500	<0.005	<0.002	0.110	110	0.100
2,4,6-Trichlorophenol	2.00	<0.005	<0.002	0.090	90	0.100
2,4,5-Trichlorophenol	400	<0.005	<0.002	0.082	82	0.100
2,4-Dinitrotoluene	0.130	<0.005	<0.002	0.134	134	0.100
Hexachlorobenzene	0.130	<0.005	<0.002	0.112	112	0.100
Pentachlorophenol	100	<0.050	<0.002	0.109	109	0.100

	% RECOVERY
Fluorophenol	46
Phenol-d5	54
Nitrobenzene-d5	81
2-Fluorobiphenyl	72
2,4,6-Tribromophenol	56
Terphenyl-d14	93

METHODS: EPA SW 846-8270
MI - Matrix Interference

Burgess J.A. Cooke, Ph. D.

7/9/96
Date

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PHONE (806) 794-1296 • 5002 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-2
Sample ID: SLUDGE

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: SOLID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2571-2	Method Blank	QC	%IA	True Value QC
Vinyl Chloride	0.20	<0.10	<0.002	0.094	94	0.100
1,1-Dichloroethylene	0.70	<0.05	<0.002	0.090	90	0.100
Methyl Ethyl Ketone	200.00	<0.50	<0.002	0.111	111	0.100
Chloroform	6.00	<0.05	<0.002	0.100	100	0.100
1,2-Dichloroethane	0.50	<0.05	<0.002	0.103	103	0.100
Benzene	0.50	0.19	<0.002	0.105	105	0.100
Carbon Tetrachloride	0.50	<0.05	<0.002	0.097	97	0.100
Trichloroethylene	0.50	<0.05	<0.002	0.096	96	0.100
Tetrachloroethylene	0.70	<0.05	<0.002	0.093	93	0.100
Chlorobenzene	100.00	<0.05	<0.002	0.101	101	0.100
1,4-Dichlorobenzene	7.50	<0.05	<0.002	0.099	99	0.100

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Dibromofluoromethane	107	7
Toluene-d8	104	16
Bromofluorobenzene	98	6

METHODS: EPA SW 846-8260

Ignitability: Nonflammable

METHODS: EPA SW 846-1030 (Prpoposed)

Burgess J. A. Cooke, Ph. D.

7/9/96
Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/13/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:WL

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		7/13/96	7/11/96	7/10/96	7/12/96	7/12/96	7/11/96	7/9/96	7/10/96
EPA LIMITS:		5	5	100	1	5	5	0.2	1
H2571-1	OIL (LIQUID)	<0.025	<0.1	<5	<0.5	<1	<1	<0.02	<0.1
H2571-2	SLUDGE (SOLID)	<0.025	<0.1	<5	<0.5	<1	<1	<0.02	<0.1
Quality Control		48.7	0.49	10.6	1.01	2.34	1.97	23.3	0.437
True Value QC		50.0	0.50	10.0	1.00	2.50	2.00	25.0	0.500
% Accuracy		97.1	98.6	106	101	93.5	98.5	92.1	88.4
Relative Percent Difference		0.5	5	0.2	1.6	9.6	0	17	0.7
METHODS: EPA 1311, 600/4-91/010		200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7

Wei Li

Wei Li, Chemist

7-13-96

Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/12/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Analysis Date: 07/11/96
Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:MR

LAB NUMBER	SAMPLE ID	REACTIVITY H2S (ppm)	REACTIVITY HCN (ppm)
H2571-1	OIL (LIQUID)	6.00	0.27
H2571-2	SLUDGE (SOLID)	14.00	0.27
Quality Control		30	0.4262
True Value QC		30	0.4000
% Accuracy		100	107
Relative Percent Difference		0	0

METHOD: EPA SW 846-7.3.4.1

Burgess J. A. Cooke, Ph. D.

7/13/96
Date

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PHONE (806) 796-2600 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/12/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD

Analysis Date: 07/12/96
Sampling Date: 06/28/96
Sample Type: SEE BELOW
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By:BC

LAB NUMBER	SAMPLE ID	Corrosivity as pH (s.u.)
H2571-1	OIL (LIQUID)*	6.14
H2571-2	SLUDGE (SOLID)**	7.28
Quality Control		7.02
True Value QC		7.00
% Accuracy		100
Relative Percent Difference		0

METHOD: EPA 600/4-79-020, 150.1

*Measurement on water layer with oil.
**Measurement on water extract of sludge.

Burgess J. A. Cooke, Ph. D.

7/12/96
Date

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ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-1
Sample ID: OIL (LIQUID)

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: LIQUID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2571-1	Method Blank	QC	%IA	True Value QC
Vinyl Chloride	0.20	<0.5	<0.002	0.094	94	0.100
1,1-Dichloroethylene	0.70	<0.5	<0.002	0.090	90	0.100
Methyl Ethyl Ketone	200.00	<2.5	<0.002	0.111	111	0.100
Chloroform	6.00	<0.5	<0.002	0.100	100	0.100
1,2-Dichloroethane	0.50	<0.5	<0.002	0.103	103	0.100
Benzene	0.50	49.3	<0.002	0.105	105	0.100
Carbon Tetrachloride	0.50	<0.5	<0.002	0.097	97	0.100
Trichloroethylene	0.50	<0.5	<0.002	0.096	96	0.100
Tetrachloroethylene	0.70	<0.5	<0.002	0.093	93	0.100
Chlorobenzene	100.00	<2.5	<0.002	0.101	101	0.100
1,4-Dichlorobenzene	7.50	<0.5	<0.002	0.099	99	0.100

	% RECOVERY	RELATIVE PERCENT DIFFERENCE
Dibromofluoromethane	101	7
Toluene-d8	88	16
Bromofluorobenzene	92	6

METHODS: EPA SW 846-8260

Ignitability: 100 deg. F

METHODS: EPA SW 846-1010

Burgess J. A. Cooke, Ph. D.

7/9/96
Date

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PHONE (806) 796-2800 • 5282 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
P.O. BOX 1613
HOBBS, NM 88240
FAX TO: 505-393-4388

Receiving Date: 06/29/96
Reporting Date: 07/09/96
Project Number: NOT GIVEN
Project Name: WASH RACK SUMP
Project Location: SCURLOCK SPC YARD
Lab Number: H2571-1
Sample ID: OIL (LIQUID)

Analysis Date: 07/03/96
Sampling Date: 06/28/96
Sample Type: LIQUID
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: AK

TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2571-1	Method Blank	QC	%Recov.	True Value QC
Pyridine	5.00	<100	<0.002	0.071	71	0.100
1,4-Dichlorobenzene	7.50	<100	<0.002	0.101	101	0.100
o-Cresol	200	<100	<0.002	0.107	107	0.100
m, p-Cresol	200	<100	<0.004	0.208	104	0.200
Hexachloroethane	3.00	<100	<0.002	0.098	98	0.100
Nitrobenzene	2.00	<100	<0.002	0.118	118	0.100
Hexachloro-1,3-butadiene	0.500	<100	<0.002	0.110	110	0.100
2,4,6-Trichlorophenol	2.00	<100	<0.002	0.090	90	0.100
2,4,5-Trichlorophenol	400	<100	<0.002	0.082	82	0.100
2,4-Dinitrotoluene	0.130	<100	<0.002	0.134	134	0.100
Hexachlorobenzene	0.130	<100	<0.002	0.112	112	0.100
Pentachlorophenol	100	<100	<0.002	0.109	109	0.100

	% RECOVERY
Fluorophenol	78
Phenol-d5	87
Nitrobenzene-d5	97
2-Fluorobiphenyl	86
2,4,6-Tribromophenol	*MI
Terphenyl-d14	93

METHODS: EPA SW 846-8270
MI - Matrix Interference

Burgess J.A. Cooke, Ph. D.

7/9/96
Date

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ANALYTICAL RESULTS FOR
S.E.S.I.
ATTN: DEE WHATLEY
701 E. CLINTON
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/18/96
Reporting Date: 07/29/96
Project Number: NOT GIVEN
Project Name: SCURLOCK PERMIAN
Project Location: SCURLOCK PERMIAN WW

Analysis Date: 07/22/96
Sampling Date: 07/18/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: SR
Analyzed By: GP

LAB NUMBER	SAMPLE ID	TDS (mg/L)
H2581-1	SCURLOCK PERMIAN WW	3065
Quality Control		NR
True Value QC		NR
% Accuracy		NR
Relative Percent Difference		NR

METHOD: EPA 600/4-79-020, 160.1

Gayle A. Potter, Chemist

07/29/96
Date

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WESTERN ENVIRONMENTAL CONSULTANTS
P.O. Box 1816
Hobbs New, Mexico 88240
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 7\17/96
CLIENT: Scurlock Permian
SUPERVISOR: A. Hodge
Sample Matrix: Soil

FACILITY: Scurlock Permian Hobbs yard
Test Method: EPA 418.1
Order No.: Richard
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. 1:	16250	PPM	Surface	From spoils pile
SAMPLE NO. 2:		PPM		
SAMPLE NO. 3:		PPM		
SAMPLE NO. 4:		PPM		
SAMPLE NO. 5:		PPM		
SAMPLE NO. 6:		PPM		
SAMPLE NO. 7:		PPM		
SAMPLE NO. 8:		PPM		
SAMPLE NO. 9:		PPM		
SAMPLE NO. 10:		PPM		

COMMENTS: This sample was a five point composite sample taken from the spoils pile that was covered on site.

WESTERN ENVIRONMENTAL CONSULTANTS
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CHEMICAL ANALYSIS REPORT

DATE: 07/17/96
CLIENT: Scurlock Permian
SUPERVISOR: Allen Hodge
SAMPLE MATRIX: Soil

SITE ID: Scurlock Permian Hobbs yard
ORDERED BY: Richard
TEST METHOD: 8020
SAMPLE RECEIVED: Cool and intact

Parameter	Value	Units	Test Method
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2			
Benzene		Mg/L	Headspace GC
Toluene		Mg/L	8020/EPA
Ethylbenzene		Mg/L	
Xylene (OMP)		Mg/L	
Sample # 3			
Benzene		Mg/L	Headspace GC
Toluene		Mg/L	8020/EPA
Ethylbenzene		Mg/L	
Xylene (OMP)		Mg/L	
Sample # 4			
Benzene		Mg/L	Headspace GC
Toluene		Mg/L	8020/EPA
Ethylbenzene		Mg/L	
Xylene (OMP)		Mg/L	
Sample #5			
Benzene		Mg/L	Headspace GC
Toluene		Mg/L	8020/EPA
Ethylbenzene		Mg/L	
Xylene (OMP)		Mg/L	

COMMENTS: Sample #1 was a five point composite sample taken from the spoils pile that was covered on site

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SP- HOBBS
9-17-96

22

SP - HOBBS

9-17-96

SP- HOBBS
9-17-96

16


ASH
PENT
IFREEZE

SP- HOBBS
9-17-96

17


MOTOR OIL

SP - HOBBS

9-17-96


MOTOR OIL

SP- HOBBS
9-D-96

19

SP- H2085
9-17-96

20

SR- HOBBS
8-17-96