

NM - 14

INSPECTIONS & DATA

State of New Mexico

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

2040 South Pacheco

P.O. Box 6429

Santa Fe, New Mexico 87505-5472

Oil Processing
US Fish & Wildlife
Inspection 1997
Jimmy Cooper's Land



Oil Processing

Jimmie Cooper's Land

USFW

1997



Oil Processing

USFW 1997



Oil Processing
USFW 1997



Oil Processing
WS FW 1997



Oil Processing

HS FW 1997



Oil Processing

HSFW 1997



Oil Processing

VSFW 1997



Oil Processing
USFW 1997







9/23/97

Oil Processing Pit



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

October 24, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-326-936-355

Mr. Jimmie T. Cooper
Cooper Cattle Co.
P.O. Box 55
Monument, NM 88265

RE: Waste Disposal Pit
SE/4 of Section 8, Township 20 South, Range 37 East, NMPM
Lea County, New Mexico

Dear Mr. Cooper:

The New Mexico Oil Conservation Division (OCD) has received the Cooper Cattle Company letter dated September 25, 1997 regarding the unauthorized pit that was used by Oil Processing Inc. The pit is located in the SE/4 of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico on Cooper Cattle Co. Land.

The OCD hereby approves of the remediation effort by Cooper Cattle Co. The pit remediation shall accomplish the following:

- 1) the liquids in the pit will be removed and disposed of in a facility approved by the OCD;
- 2) the remaining material in the pit will be landfarmed on site by mixing with soil and tilling as necessary until TPH is below 100 ppm and BTEX is less than 10 ppm;
- 3) the existing pit depression will serve to prevent runoff and runoff of storm events to or from the pit remediation site; and
- 4) when TPH and BTEX remediation levels have been reached, Cooper Cattle Co. shall notify the OCD Santa Fe and Hobbs District office in writing that remediation is complete.

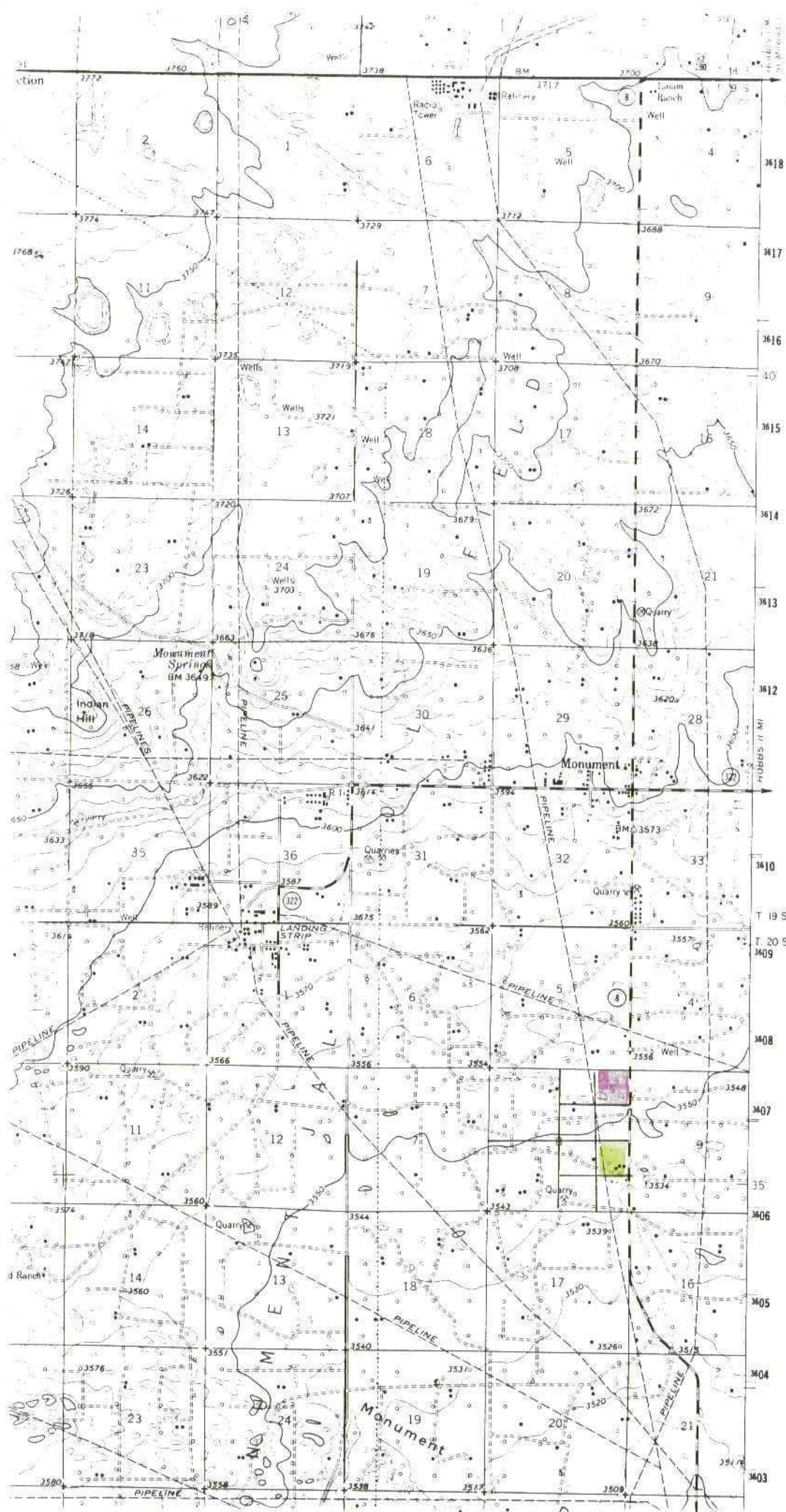
The OCD appreciates the Cooper Cattle Company's valued effort in this remediation process.

If you require any further information concerning this remediation procedures please contact me at (505) 827-7153.

Sincerely,

Martyne J. Kielling
Environmental Geologist

xc: Hobbs OCD Office
Eddie W. Seay, 601 W. Illinois, Hobbs, NM 88240



OIL PROCESSING, INC.

CASE NO. 8983 / 6577

ORDER NO. R-6053
R-6053-A

Date ~~June 27, 1987~~
July 10, 1979

LOCATION
NE/4, SE/4, SEC. 8, T. 20 S., R. 37 E.

NO BOND ON FILE

JAMAR, INC.

BOND APPROVED OCT 1, 1987

BOND NO. 1135611

AMOUNT \$ 25,000.00

LOCATION SEC. 8, T. 20 S., R. 37 E.
ON BOND

LOCATION ON APPROVAL LETTER

NE/4, NE/4, SEC. 8, T. 20 S., R. 37 E.

Case No. 9199

ORDER R-8507

Surface is NOT
State Trust

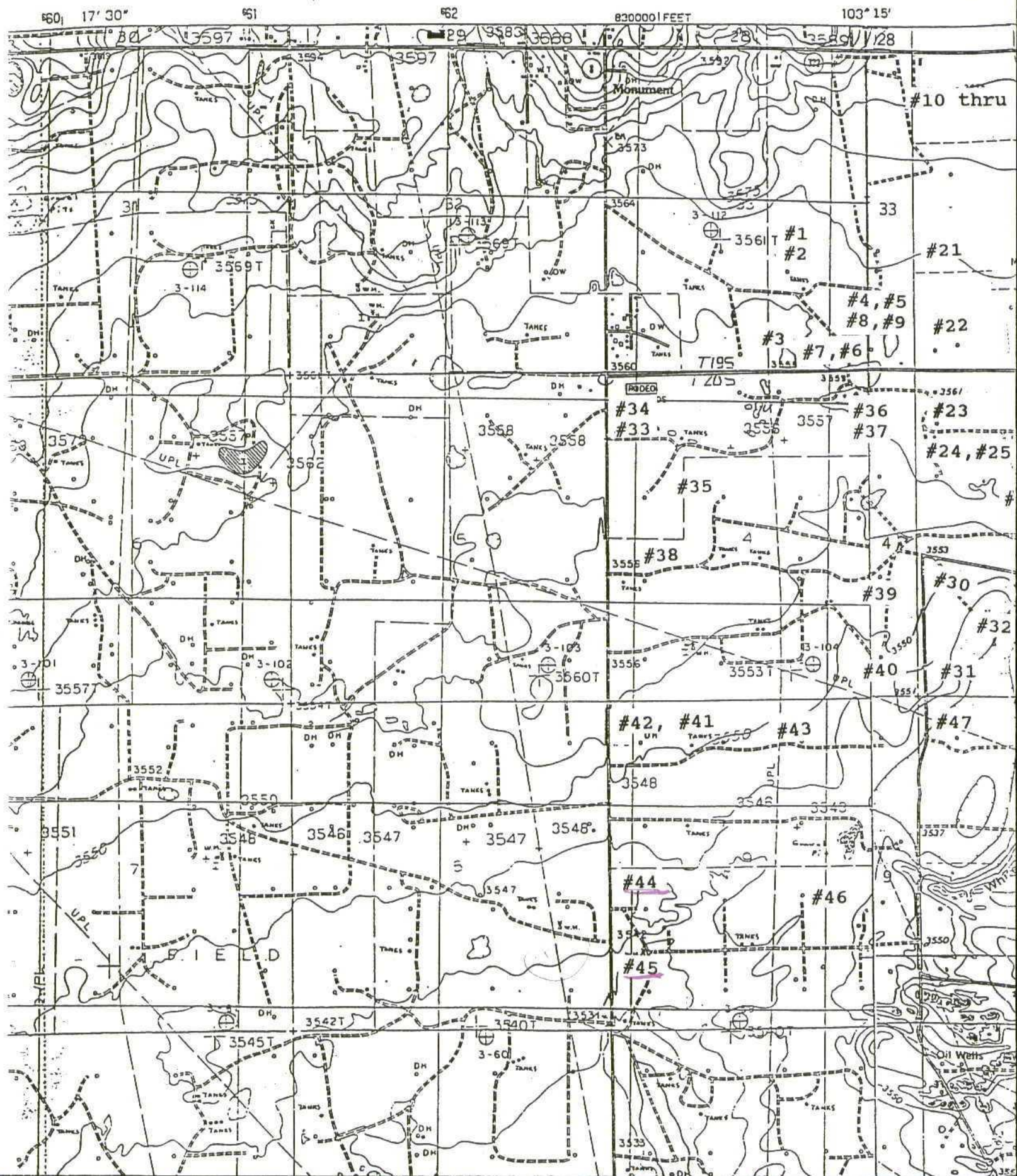
1-6-99

Marlyne Kieling

Water Wells (Yellow)
Near the Facility
(Pink)

MONUMENT SOUTH QUADRANGI
NEW MEXICO-LEA CO.
7.5 MINUTE SERIES (TOPOGRAPHI

UNITED STATES
DEPARTMENT OF
GEOLOGICAL SURVEY



**Water Wells Near the Facility
with Depth to Water Level in Feet**

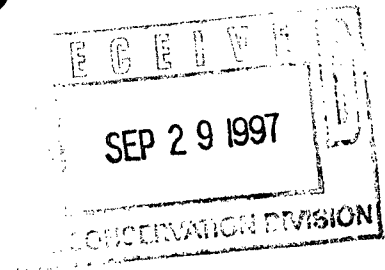
Township 19 South, Range 37 East:

#1	Sec 33.4132	Water Level 39'
#2	Sec 33.41341	Water Level 35'
#3	Sec 33.434	Water Level 29'
#4	Sec 33.442122	Water Level 23'
#5	Sec 33.442142	Water Level 31'
#6	Sec 33.44322	Water Level 42'
#7	Sec 33.44323	Water Level 31'
#8	Sec 33.44441	Water Level 42'
#9	Sec 33.444411	Water Level 31'
#10	Sec 34.111114	Water Level 22'
#11	Sec 34.11140	Water Level 30'
#12	Sec 34.11223	Water Level 35'
#13	Sec 34.11233	Water Level 24'
#14	Sec 34.11233	Water Level 20'
#15	Sec 34.112333	Water Level 24'
#16	Sec 34.112334	Water Level 23'
#17	Sec 34.1124	Water Level 36'
#18	Sec 34.11243	Water Level 35'
#19	Sec 34.11323	Water Level 24'
#20	Sec 34.12133	Water Level 36'
#21	Sec 34.31313	Water Level 25'
#22	Sec 34.3441	Dry

Township 20 South, Range 37 East:

#23	Sec 3.11100	Water Level 37'
#24	Sec 3.1130	Water Level 55'
#25	Sec 3.13100	Water Level 37'
#26	Sec 3.14000	Water Level 40'
#27	Sec 3.21000	Water Level 540'
#28	Sec 3.212434	Water Level 541'
#29	Sec 3.221344	Water Level 541'
#30	Sec 3.31100	Water Level Unknown
#31	Sec 3.33300	Water Level 28'
#32	Sec 3.34131	Water Level 15'
#33	Sec 4.111311	Water Level 30'
#34	Sec 4.111312	Water Level 29'
#35	Sec 4.14000	Water Level 70'
#36	Sec 4.22100	Water Level 37'
#37	Sec 4.221321	Water Level 31'
#38	Sec 4.312434	Water Level 29'
#39	Sec 4.42000	Water Level 35'
#40	Sec 4.44411	Water Level 20'
#41	Sec 9.112114	Water Level 34'
#42	Sec 9.112122	Water Level 29'
#43	Sec 9.21000	Water Level Unknown
<u>#44</u>	Sec 9.31113	Water Level 25'
<u>#45</u>	Sec 9.33122	Water Level 13'
#46	Sec 9.41411	Water Level 30'
#47	Sec 10.11000	Water Level Unknown

September 25. 1997



NMOCD Environmental Bureau
ATTN: Roger Anderson
2040 S. Pacheco
Santa Fe, NM 87505

RE: Pit at Oil Processing, Monument, NM

Dear Roger:

In reply to our conversation concerning the pit associated with the oil processing treating plant South of Monument, NM. Cooper Ranch and C & C Landfarm will help in the remediation of this pit. We will vacuum the water in the pit and mix and till the material on site and landfarm it. Also, the open top tank has been netted. This will help the immediate problems with oil processing. If you have any questions or if there is anything else we can help with, please call. I will be waiting your reply.

Sincerely,

Eddie W. Seay, Agent
Cooper Cattle Co. and C & C Landfarm, Inc.
601 W. Illinois
Hobbs, NM 88240
(505)392-2236

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone

☐ Personal

Time

2:00

Date

10/7/97

Originating Party

Marlyne Kiehl

Other Parties

Eddy Seay

Subject

J. Cooper Pits

Discussion

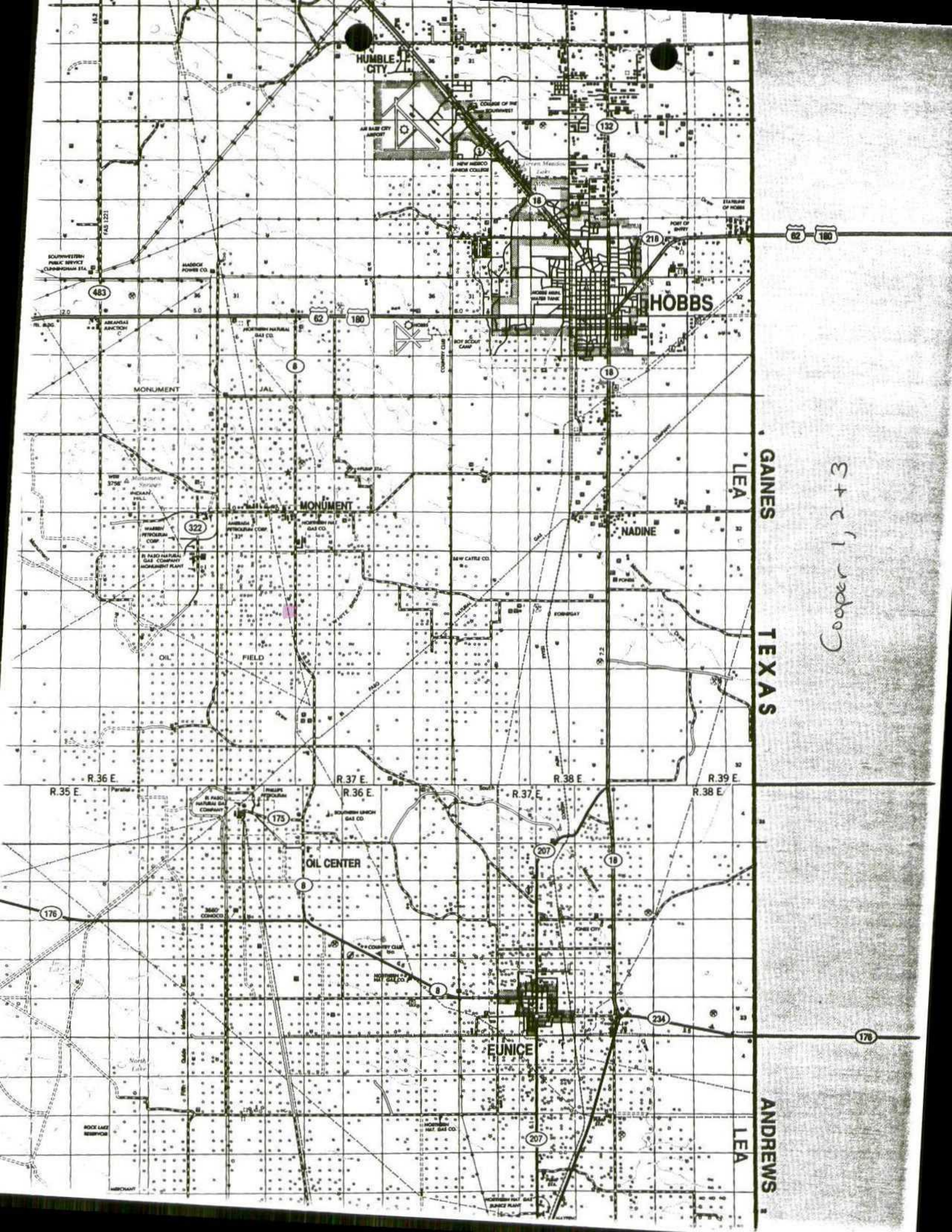
Verbal Approval to Begin Remediation of ~~Jamex~~ Jamar
Pit Land Farm in Place... Marlyne Kiehl will Follow with
written Approval - when time Allows

Conclusions or Agreements

Distribution

Signed

Marlyne J Kiehl



Cooper 1, 2 + 3

PROBLEM OIL PIT INSPECTION CHECKLIST

Site Number (State-Year-Waypoint):

Cooper Site 2+3
oil processors

Checklists Completed (circle those that apply):

(A) (B) C

Prepared by the US Environmental Protection Agency Region VIII and US Fish and Wildlife Service Region VI

6/12/97 --Reproduced by US EPA Region VI with permission 9/19/97

This is a pre-decisional document and is, or may be protected by the deliberative process exception and attorney client privilege. Conclusions or recommendations are intended solely as preliminary information for governmental personnel. This form contains tentative conclusions and staff-level recommendations and does not create any rights, substantive or procedural, or defenses, as they are not binding on the Agency.

PROBLEM OIL PIT INSPECTION CHECKLIST

SECTION ONE: Site Information

Site Name and Waypoint: old treating plant Jimmy Cooper Land owner

Lease # and Operator: oil processors

Site Location Section/Township/Range: 1/2 mi. west Hwy 8

GPS Coordinates Obtained During Aerial Survey: _____

GPS Coordinates Obtained During Site Inspection: _____

Site Address: _____

City/County/State/Zip: _____

USFWS Case ID #: _____

EPA Facility ID # and/or NMOCD ID #'s: _____

Contact Name/Affiliation/Phone: _____

Contact Address (if different from site address): _____

Site Type (production, commercial disposal, other): abandoned oil treatment facility

SECTION TWO: Inspection Information

Inspection date and time: 9/23/97 11:30 AM

Describe weather conditions (including estimated temperature): cloudy, windy, cool

If known, list federal, state, or tribal programs that this site is subject to regulation under via a permit and list all permit number(s): _____

Inspection Team:

Inspector 1	<u>G. Pashia</u>	Agency/Program: <u>EPA</u>	Phone: _____
Inspector 2	<u>Nick Chavez</u>	Agency/Program: <u>FWS</u>	Phone: _____
Inspector 3	<u>Wayne Price</u>	Agency/Program: <u>OCD</u>	Phone: _____
Inspector 4	_____	Agency/Program: _____	Phone: _____
Inspector 5	_____	Agency/Program: _____	Phone: _____
Inspector 6	_____	Agency/Program: _____	Phone: _____

SECTION THREE: Sketch of Site/Layout

Site Number and Name : _____

Include the estimated size (including depth) of any pits and describe site operations on site sketch. Include description of pertinent features such as waters of the US (location of, distance to, description of conduits to, etc.) or electrical equipment areas, for example. Include a north arrow on site sketch.



SECTION FOUR: General Observations

A. PITS (complete checklist A if any of the following conditions exist)

1. Does accumulated oil exist on the surface of any pits, ponds, sumps, or other open-topped storage devices? Yes X No
2. Are pits, ponds, tanks, sumps, or other devices which may accumulate oil covered with netting or are there any other wildlife exclusionary or deterrent devices in use (covers, flagging, etc.)? Yes No X
3. Are there any dead or oiled birds or other wildlife on or near the site or any indication of oiled birds/wildlife previously at or near the site (oily tracks, etc.)? Yes X No

B. DISCHARGES (complete checklist B if any of the following conditions exist)

1. Is there a discharge (either ongoing or one-time) from a pit, pond, tank, or other device at the site? Yes X No X *CB*
2. Is there indication of any past or potential future discharge from a pit, pond, tank, or other device at the site (soil staining, fresh dirt or gravel used as cover, 2 ft or less freeboard maintained, eroded berms, etc.)? Yes X No X *CB*

C. TANKS AND CONTAINERS (complete checklist C if any of the following conditions exist)

1. Are there any tanks or containers on site? Yes X No

3 old Tanks. One closed. Two tanks in ground about 3' above ground level.

CHECKLIST "A" - PITS

1. If accumulated oil exists on the surface of any pits, ponds, sumps, or other open-topped storage devices, describe observed conditions including size of each pit, pond, sump, or device, percentage of area covered, and thickness of oil. Describe any other observations (visual, odor) of the material in each pit, pond, sump, or other device:

One tank had 2" thick solid oily crust. Other open tank had liquid oily waste about 3' below land surface. Tanks are about 10' & 15' in diameter.

2. Describe any netting or other wildlife exclusionary or deterrent devices in use at the site. Include description of condition, coverage, netting mesh size, etc.:

No nets on tanks or on pit described as site 3.

3. Describe any oiled or dead birds or other wildlife found at or near the site. Indicate the number of mortalities and the seizure tag numbers for any birds collected:

1 large dead bird retrieved from tank in ground that had liquified in it.
No birds in site 3 pit.

4. Describe the construction and operation of any pits or ponds located at the site. Include a description of the pond liner system, if possible. Estimate the freeboard observed at the time of the inspection:

Site 3 contained pit with mostly water. Some solid oily material was in pit. Pit looked dug out in natural depression with dirt piled up on sides.
This site was located about 1/2 mile from site 2 with abandoned tanks.

5. Indicate how long any pits or ponds at the site have been in operation:

Not known maybe 10 years or longer since pit was used.

6. If a pit, pond, sump, or other device is used as a loading/unloading area at a non-production site, describe any secondary containment used:

N/A

CHECKLIST "B" - DISCHARGES AND SPILLS

1. Indicate whether or not the site has a NPDES permit and, if so, indicate the permit number and whether or not the number is posted on site:

NO NPDES

2. Describe any ongoing discharges or one-time spills from pits, ponds, or other devices at the site. For each discharge, include a description of the source, duration, and rate (gal/min or cfs) of material discharged. For each spill, describe the amount and area of the spilled material. Also describe any observations (oil sheen, odor) regarding the type of material discharged or spilled:

Tank at site 2 had discharge of oily sludge around one tank. Tank was overflowing onto ground.

3. Describe any indications (e.g. soil / vegetation staining on ground or in drainages) of past discharges or spills from pits, ponds, tanks, or other devices at the site. Include any indication of the type of material discharged or spilled (e.g. oil stain, salt brine, etc.) and when and for how long the discharge or spill occurred:

Soil stained around tanks. A large pile of oily dirt or solids was piled up about 7' high beside tanks. oil field tank bottoms.

4. Identify and describe the drainage pathway (dry arroyo, ditch, stream, etc.) of any current or suspected past discharges or spills from the site. Trace the drainage pathway to a flowing waterway, if possible, and describe the extent of any oil staining. Include a description of whether the drainage is dry at the time of the inspection, contains standing water that doesn't appear to be flowing or, if flowing, the estimated flowrate (gal/min or cfs) of water and/or discharged material:

no apparent drainage off site. Site very flat.

5. Identify and describe any pits, ponds, or other devices in which less than 2 ft of freeboard exists at the time of the inspection. Also describe any indications that less than 2 ft of freeboard has been maintained in the past, such as staining of pond banks or overtopping of berms, etc.:

one tank had no freeboard. Had hard oily material on top, but material was running off.

6. If possible, estimate the receipt rate or production rate (gal/day) of oil and/or produced water at the site:

N/A Abandoned

7. If possible, determine whether or not any discharges or spills from the site have been reported and, if so, describe how (letter, phone, etc.), when, and to whom (EPA, BLM, DEQ, OGCC, BIA, etc.) it was reported:

N/A

8. Describe the general housekeeping and maintenance of the facility and any conditions which could result in a discharge or spill (valves which could be opened, poorly supported pipelines, etc.):

CHECKLIST "C" - TANKS AND CONTAINERS

1. Identify whether or not the site has a Spill Prevention, Control, and Countermeasure (SPCC) Plan. If so, verify by personally viewing the plan, if possible. Has it been certified by a registered Professional Engineer?:
2. Describe the type, use, condition, maximum capacity (gal or bbl), contents, markings, and actual quantity at the time of the inspection for each tank and container on the site. Also describe any secondary containment for each tank and container, including its condition, estimated capacity, and method of precipitation removal:

Tank / Container Type and Use	Maximum Capacity	Actual Quantity	Secondary Containment	Markings	Comments (including condition)
<hr/>					
<i>Tanks not operational.</i>					
<i>Abandoned site.</i>					

PHOTO LOG

Site Number: Cooper site 2+3 and Oil Processors

Film Type/ASA/Size: Kodak/200 ASA/135

Photographer: Wallace O'Rear

Photo Number Subject

R3E05^① View of pit looking southwest

R3E06 View of pits

R3E07 Photo of bird in ^①old oil sludge, looking west

R3E08 Overall view of ponds with bird

R3E09 View of ponds from the south

R3E10 old pit near the Cooper site 2. It is located south and west about 1/2 mile