GW - 20

INSPECTIONS & DATA

Environmental Facility Inspection

Facility Name: Frontier (CONOCO) MALJAMAR GP | Time Out: 16:00 | Time In: 18:00 | Hrs:

Inspector: Wayne Price | Dt.Mod: 3/30/2005 | Purpose: Normal Routine Activity

Inspection Date: 03/23/2005 | Inspect No.: eLWP0508941963 | Type: Field Inspection

Violations / Documentation

Addtional Violation Notes

List Violations or Indicate Compliance

Specific Violation
No Violations Identified - All O.K.

Documentation Acquired: ☐ Samples ☐ Statements ☐ Sketch ☐ Video ☑ Photos

Compliance Items (Checked Items Denote Non-Compliance)

Write Compliance Based on this Inspection

☐ Drums ☐ Process ☐ AG Tanks ☐ AG Saddle Tk ☐ Labeling ☐ Tanks/Sumps ☐ Permits

☐ UG Lines ☐ WD Practice ☐ Class V ☐ Housekeepin ☐ Spill Rpt ☐ Potential ENV ☐ Wtr Wells

Describe Remedial Action Required

1. Discharge Plan (DP) Expires 06/10/05- Frontier shall submit renewal application with $100 filing fee.
2. Renewal shall include a closure plan for the old sump system west of the Clark Comp. Bldg.
3. All plant sumps and below grade tanks shall be inspected and verification submitted with renewal.

Use [SHIFT] + [F2] to Expand any Notes or Comment Field

OCD inspection of Front[redacted]ield Services Maljamar Gas Plant GW-020 [redacted] March 23, 2005
Inspectors: Wprice,Gvongonten

Old below grade sump collection system located west of Old Clark Compressor building.

Same as above-looking southeast

OCD ENVIRONMENTAL BUREAU

SITE INSPECTION SHEET

DATE: 3-23-05 Time: 4:06 PM

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# 020

FACILITY NAME: FRONTIER GAS - MALJAMAR PLANT 60 MMCF/DAY

PHYSICAL LOCATION: _____

Legal: QTR___QTR___ Sec___ TS___ R___ County LEA

OWNER/OPERATOR (NAME) _____

Contact Person: JOHN PRENTISS - PLANT MGR Tele:# _____

MAILING ADDRESS: RANDY McCOLLUM - MGR EHS State NM ZIP _____

Owner/Operator Rep's:

Ø

OCD INSPECTORS: PRICE, VERGONTES

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.

OLD CLARK COMPRESSOR BLDG - STANDING FLUID IN SUMPS - OIL & WATER
OLD SUMP WEST OF CLARK (BLDG) NEEDS CLOSURE

ALL PLANT SUMPS & BELOW GRADE TANKS NEED TESTING BEFORE DISCHARGE PLAN RENEWAL.

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.

_____

_____

_____

_____

_____

_____

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.

_____

_____

_____

_____

11. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCD District Office.

_____

_____

_____

12. Does the facility have any other potential environmental concerns/issues?

GROUNDWATER CONTAMINATION (BY CONOCO)

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:
NON-EXEMPT WASTE MANIFEST TO SOUTHERN & CRI

Miscellaneous Comments:

Photos taken: _____

Documents Reviewed/Collected: _____

Frontier
Energy Services, LLC

Non-Hazardous Oil Field Waste Manifest

Manifest Number
№ 65879

Please print neatly when filling in information below.

I. Pick-up Location

Field
Maljamar Gas Plant

Lease/Site
Sec 21 T17S R32E

Transporter Name
Candy

II. Waste Description

- [ ] Tank Bottoms
- [ ] Produced Water
- [ ] Crude Oil Contaminated Soil
- [ ] Drilling Fluids
- [ ] Workover Fluids
- [ ] Completion Fluids
- [ ] Produced Water Contaminated Soil

Other
Oily Waste Water

Volume of Waste
70
- [x] Bbls
- [ ] Lbs
- [ ] Ft³

III. Destination

- [ ] Operator Present
- [ ] No Operator Present

Disposal Site Name
Sundance Services

Disposal Site Address
[illegible] 88231 P.O. Box 1737

Disposal Site Operator
Zach Ramos

Date
9-27-04

Printed by Alpha-Omega Printing, Inc. • (505) 624-2700 AOP #2421

AM/PM

luids

[ ]

) WITH THIS
ED HEREWITH IS
IDED FROM TIME
NS RELATED
) OTHER WASTE
AL GAS OR

HIPPED WITH THIS
BY
ICES, INC.'S

by this
above described
the material

rior Printing Service, Inc.

CONTROLLED RECOVERY, INC.

P.O. Box 388 • Hobbs, New Mexico 88241-0388
(505) 393-1079

Bill to _____

Address _____

Company/Generator _____

Lease Name _____

Trucking Company	Vehicle Number	Driver (Print)

Date	Time	a.m. / p.m.

Type of Material

- ☐ Exempt
- ☐ Non-Exempt
- C138 _____
- ☐ Tank Bottoms
- C117 _____
- ☐ Soils
- ☐ Fluids
- ☒ Other Material
- List Description Below

DESCRIPTION # 65581

NATURAL.

Volume of Material ☐ Bbls. _____ ☒ Yards 3 ☐ Gallons _____

☐ Wash Out ☐ Call Out ☐ After Hours ☐ Debris Charge

This statement applicable to exempt waste only.
I represent and warrant that the wastes are: generated from oil and gas exploration and production operations: exempt from Resource Conservation and Recover Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt wastes.

Agent _____ (Signature)

CRI Representative _____ (Signature)

TANK BOTTOMS

Trucking disposal

	Feet	Inches			
1st Gauge			BBLS Received 760 310	3,029	BS&W %
2nd Gauge			Free Water	1,569.75	
Received			Total Received		

NO 56071

White - CRI | Canary - CRI Accounting | Pink - CRI Plant | Gold - Transporter

SUPERIOR PRINTING SERVICE, INC.

OCD ENVIRONMENTAL BUREAU

SITE INSPECTION SHEET

DATE: 5/9/00 Time: 2:00 PM

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-20

FACILITY NAME: CONOCO MALJAMAR GAS PLANT

PHYSICAL LOCATION: 3 mi S of MALJAMAR

Legal: QTR SE QTR SW Sec 21 TS 17S R 32E County LEA

OWNER/OPERATOR (NAME) CONOCO INC.

Contact Person: RUDY QUIROZ Tele:# 505-676-3528

MAILING
ADDRESS: P.O. Box 90 MALJAMAR State NM ZIP 88264

Owner/Operator Rep's: RUDY QUIROZ PSM Joyce Woodfin - ENVR LEAD

OCD INSPECTORS: W PRICE - OCD

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 -

5. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

OK -

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.

RECORD CHECK - OK SEE ATTACHED COPY - CLARK COMP. "SUMPS" NOT CHECKED!

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.

RECORD CHECK - OK SEE ATTACHED COPY - ~~CLARK COMP. NOT CHECKED!~~

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.

PLANT SOUTH YARD STORAGE AREA - BEGINNING ~~BEGINNING~~ PROCESS

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.

SKIMMER PIT - REPORTED TO OCD - HOBBS

12. Does the facility have any other potential environmental concerns/issues?

① YES - PLANT SOUTH YARD STORAGE AREA
② YES - SKIMMER PIT AREA - CONOCO CONDUCTING SITE INVESTIGATION

13. Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?

SPCC - NONE STORMWATER - NONE

14. ANY WATER WELLS ON SITE ? NO ☑ YES ☐ IF YES, HOW IS IT BEING USED ?

Miscellaneous Comments:

Number of Photos taken at this site: 18

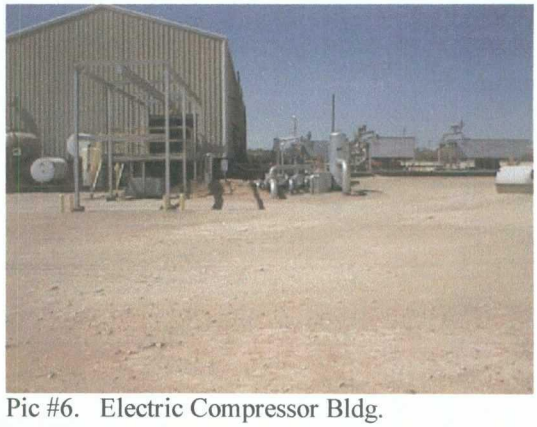
Pic#1 Plant Entrance


Pic#2 Lube oil storage area.

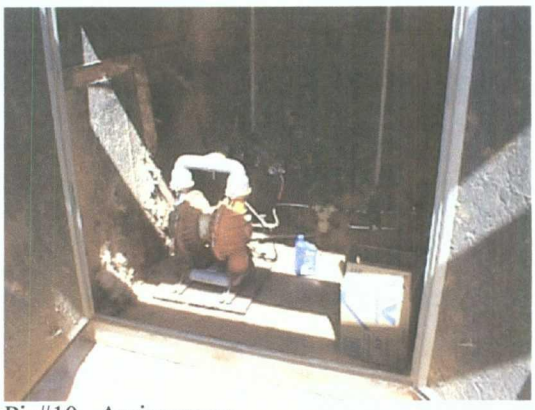

Pic#3 Special waste area with secondary containment.


Pic#4 Skimmer Pit Area & Wastewater disposal system. Wastewater goes to conoco production.

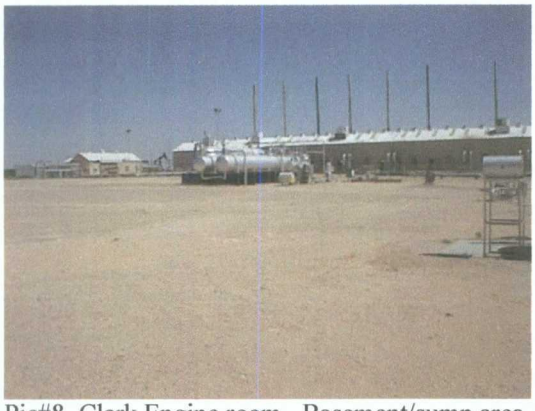

Pic#5 Old wastewater system. (out of service). Conoco is conducting a site investigation.


Pic #6. Electric Compressor Bldg.

Pic#7 Cryo-gentic plant



Pic#10 Amine sump



Pic#8 Clark Engine room. Basement/sump area has three feet standing fluids of water and oils.

Pic#11 South plant storage area. Contaminated soil from skimmer pit remediation project.

Pic#9 Electric Compressor Bldg. Sump. Single wall.

Pic#12 South plant storage area. Waste soil pile origin unknown. Looking east.

Pic#13- South plant storage area. Construction debris and waste molecular sieve. Looking northeast.

Pic15 South plant storage area.

Pic#14- South plant storage area. Scrap metal area. Looking North, plant shown in background.

Pic#16 South plant storage area. Old drums. Two drums appeared to have contents.

Pic#15 South plant storage area. Waste Molecular sieve dump area.

Pic#17 South plant storage area. Bucket disposal.

Pic#18- South plant storage area. Buckets of waste contents unknown.