

GW-064

REPORT

YEAR(S):

2007

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Williams Energy Services-Enve
188 CR 4900
Bloomfield, NM 87413
505/632-4606
505/632-4781 Fax

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

February 12, 2007

Mr. Wayne Price
Oil Conservation Division
1220 South St Francis Dr
Santa Fe NM 87505

Re: Drain Line Testing Results at Various Williams Facilities

Dear Mr. Price:

Williams Four Corners, LLC conducted a facility review and drain line testing in accordance with the Oil Conservation Division Discharge Plan requirements. Subsurface, non-pressurized process and wastewater lines were tested. The facility drain line testing reports are enclosed with this letter. A review and testing summary is provided in the table below.

Facility	Permit #	Completion Date	Results	Comments
29-6 #3 CDP		7/10/2006	Passed	
29-7 CDP		6/26/2006	Passed	
32-8 #2 CDP		9/13/2006	Passed	Tested site in two sections
Coyote Springs		6/5/2006	Passed	
Five Points		7/20/2006	Passed	
Horse Canyon		6/1/2006	Passed	
La Cosa		6/7/2006	Passed	
Laguna Seca		7/13/2006	Passed	
Lateral N-30		8/4/2006	Passed	Tested site in two sections
Martinez Draw		7/18/2006	Passed	
Middle Mesa		7/25/2006	Passed	Tested site in two sections
Milagro Plant		6/15/2006	Passed	Tested site in three sections
Pritchard Straddle		5/24/2006	Passed	
Pump Mesa		8/21/2006	Passed	Tested site in two sections
Trunk B		8/17/2006	Passed	
Trunk M		6/12/2006	Passed	
Wild Horse		7/19/2006	Passed	Visual inspection

If you have any questions or require additional information, please contact me at (505) 632-4606.

Respectfully Submitted,

Clara M. Cardoza
Environmental Compliance

Attachments: Drain Line Testing Reports

xc: FCA Environmental 220 File
Brandon Powell, OCD Aztec

**Environmental Waste Water Line
Test Report**



LOCATION: 29-6 #3 CDP
DATE: 7/10/06
Sec, Range Sec. 14 Range 6W and Township T 29 N

START OF WATER FILL:	DATE: 7-10-06	TIME: 10:00 AM
START OF TEST PERIOD:	DATE: 7-10-06	TIME: 2:30 PM
END OF TEST PERIOD:	DATE: 7-10-06	TIME: 3:30 PM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	2:30pm	7'6"	Holding
2	2:35pm	7'6"	Holding
3	2:40pm	7'6"	Holding
4	2:45pm	7'6"	Holding
5	2:50pm	7'6"	Holding
6	2:55pm	7'6"	Holding
7	3:05pm	7'6"	Holding
8	3:15pm	7'6"	Holding
9	3:25pm	7'6"	Holding
10	3:30pm	7'6"	Test Held

Additional Remarks:
 Repaired 3 leaks all on Broken fittings

TEST IS: ACCEPTED REJECTED

RECORDED BY: Ly Gale SUNKANI
(TEST Contractor)

VERIFIED BY: [Signature]
(LOCATION SUPERVISOR)

APPROVED BY: Doreen Vally
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION: <u>29-7 CDP</u>
DATE: <u>6-26-06</u>
Sec, Range <u>Sec 15 Range 7W</u> and Township <u>T 29 N</u>

START OF WATER FILL:	DATE: <u>6-22-06</u>	TIME: <u>2:30 PM</u>
START OF TEST PERIOD:	DATE: <u>6-26-06</u>	TIME: <u>9:30 AM</u>
END OF TEST PERIOD:	DATE: <u>6-26-06</u>	TIME: <u>10:30 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	9:30 AM	6' 8"	Holding
2	9:35 AM	6' 8"	Holding
3	9:40 AM	6' 8"	Holding
4	9:50 AM	6' 8"	Holding
5	10:00 AM	6' 8"	Holding
6	10:10 AM	6' 8"	Holding
7	10:15 AM	6' 8"	Holding
8	10:20 AM	6' 8"	Holding
9	10:25 AM	6' 8"	Holding
10	10:30 AM	6' 8"	Test Held

Additional Remarks:

Removed existing isolation valve & installed new 4" brass gate valve at tank.

No leaks were found or fixed

TEST IS: ACCEPTED REJECTED

RECORDED BY: *Lyale* *SUNLAND*
(TEST CONTRACTOR)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwaine Valdez*
(TEST INSPECTOR)

**Environmental Waste Water Line
Test Report**



13 compressors

LOCATION: 32-8 #2 CDP
DATE: 9-13-06
Sec, Range Sec 27 R 8W and Township 32 N

START OF WATER FILL:	DATE: 9-12-06	TIME: 2:00 PM
START OF TEST PERIOD:	DATE: 9-13-06	TIME: 10:50 AM
END OF TEST PERIOD:	DATE: 9-13-06	TIME: 11:50 AM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:50 AM	6' 2"	Holding
2	10:55 AM	6' 2"	Holding
3	11:00 AM	6' 2"	Holding
4	11:05 AM	6' 2"	Holding
5	11:10 AM	6' 2"	Holding
6	11:15 AM	6' 2"	Holding
7	11:25 AM	6' 2"	Holding
8	11:35 AM	6' 2"	Holding
9	11:45 AM	6' 2"	Holding
10	11:50 AM	6' 2"	Test Held

Additional Remarks:

4 leaks were found & repaired on the 4" PVC Header

TEST IS: ACCEPTED REJECTED

RECORDED BY:

(TEST Contractor)

VERIFIED BY:

CD [Signature]

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez

(Test Inspector)

**Environmental Waste Water Line
Test Report**



5 dehydrators

LOCATION: 32-8 #2 CDP
DATE: 8-31-06
Sec, Range Sec 27 R 8 W and Township T 32 N

START OF WATER FILL:	DATE: 8-31-06	TIME: 7:30 AM
START OF TEST PERIOD:	DATE: 8-31-06	TIME: 10:30 AM
END OF TEST PERIOD:	DATE: 8-31-06	TIME: 11:30 AM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:30 AM	6' 8"	Holding
2	10:35 AM	6' 8"	Holding
3	10:40 AM	6' 8"	Holding
4	10:45 AM	6' 8"	Holding
5	10:50 AM	6' 8"	Holding
6	10:55 AM	6' 8"	Holding
7	11:00 AM	6' 8"	Holding
8	11:10 AM	6' 8"	Holding
9	11:20 AM	6' 8"	Holding
10	11:30 AM	6' 8"	Test field

Additional Remarks:

5 leaks were found & repaired on 4" Header & 2" laterals

TEST IS: ACCEPTED REJECTED

RECORDED BY: Lynd Sunbano
(TEST Contractor)

VERIFIED BY: Ed Holan
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Voldez
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION: <i>Coyote Springs Compressor</i>
DATE: <i>6-5-06</i>
Sec, Range <i>Sec 30 R 11 W</i> and Township <i>T 32 N</i>

START OF WATER FILL:	DATE: <i>6-5-06</i>	TIME: <i>9:30 AM</i>
START OF TEST PERIOD:	DATE: <i>6-5-06</i>	TIME: <i>10:45 AM</i>
END OF TEST PERIOD:	DATE: <i>6-5-06</i>	TIME: <i>11:45 AM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>10:45 AM</i>	<i>6' 4"</i>	<i>Holding</i>
2	<i>10:50 AM</i>	<i>6' 4"</i>	<i>Holding</i>
3	<i>10:55 AM</i>	<i>6' 4"</i>	<i>Holding</i>
4	<i>11:05 AM</i>	<i>6' 4"</i>	<i>Holding</i>
5	<i>11:15 AM</i>	<i>6' 4"</i>	<i>Holding</i>
6	<i>11:20 AM</i>	<i>6' 4"</i>	<i>Holding</i>
7	<i>11:30 AM</i>	<i>6' 4"</i>	<i>Holding</i>
8	<i>11:35 AM</i>	<i>6' 4"</i>	<i>Holding</i>
9	<i>11:40 AM</i>	<i>6' 4"</i>	<i>Holding</i>
10	<i>11:45 AM</i>	<i>6' 4"</i>	<i>Test Held</i>

Additional Remarks:

NO leaks were found or repaired
Good steel system

TEST IS: ACCEPTED REJECTED

RECORDED BY: *[Signature]* *SUNLAND*
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *[Signature]*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION:	<i>Five Points Compressor</i>
DATE:	<i>7-20-06</i>
Sec, Range and Township	<i>Sec 8 R 8 W T 25 N</i>

START OF WATER FILL:	DATE: <u><i>7-20-06</i></u>	TIME: <u><i>9:45 Am</i></u>
START OF TEST PERIOD:	DATE: <u><i>7-20-06</i></u>	TIME: <u><i>10:30 Am</i></u>
END OF TEST PERIOD:	DATE: <u><i>7-20-06</i></u>	TIME: <u><i>11:30 Am</i></u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>10:30 Am</i>	<i>6' 0"</i>	<i>Holding</i>
2	<i>10:35 Am</i>	<i>6' 0"</i>	<i>Holding</i>
3	<i>10:40 Am</i>	<i>6' 0"</i>	<i>Holding</i>
4	<i>10:45 Am</i>	<i>6' 0"</i>	<i>Holding</i>
5	<i>10:55 Am</i>	<i>6' 0"</i>	<i>Holding</i>
6	<i>11:05 Am</i>	<i>6' 0"</i>	<i>Holding</i>
7	<i>11:15 Am</i>	<i>6' 0"</i>	<i>Holding</i>
8	<i>11:20 Am</i>	<i>6' 0"</i>	<i>Holding</i>
9	<i>11:25 Am</i>	<i>6' 0"</i>	<i>Holding</i>
10	<i>11:30 Am</i>	<i>6' 0"</i>	<i>Test Held</i>

Additional Remarks:

Installed 2" brass gate valve at tank to isolate piping from tank

NO Leaks found or repaired

Good steel system

TEST IS: ACCEPTED REJECTED

RECORDED BY: *Ly Cole Suriano*
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valde*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION: <i>Horse Canyon CDP</i>
DATE: <i>6-1-06</i>
Sec, Range <i>Sec 27 R 9 W</i> and Township <i>T 30 N</i>

START OF WATER FILL:	DATE: <i>5/31/06</i>	TIME: <i>9:15 AM</i>
START OF TEST PERIOD:	DATE: <i>6/1/06</i>	TIME: <i>1:30 PM</i>
END OF TEST PERIOD:	DATE: <i>6/1/06</i>	TIME: <i>2:30 PM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	1:30 PM	6' 0"	Holding
2	1:35 PM	6' 0"	Holding
3	1:40 PM	6' 0"	Holding
4	1:50 PM	6' 0"	Holding
5	2:00 PM	6' 0"	Holding
6	2:10 PM	6' 0"	Holding
7	2:15 PM	6' 0"	Holding
8	2:20 PM	6' 0"	Holding
9	2:25 PM	6' 0"	Holding
10	2:30 PM	6' 0"	Test Held

Additional Remarks:

Repaired 8 leaks on 2" Header & Laterals to Dehydrators
Repaired 9 leaks on 4" Header & laterals to Compressors

TEST IS: ACCEPTED REJECTED

RECORDED BY: *Steve Cole* *SUNAND*
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valdez*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION: <i>La Cose CDP</i>
DATE: <i>6-7-06</i>
Sec, Range <i>Sec 34 R 11 W</i> and Township <i>T 29 N</i>

START OF WATER FILL:	DATE: <i>6-7-06</i>	TIME: <i>7:00 Am</i>
START OF TEST PERIOD:	DATE: <i>6-7-06</i>	TIME: <i>10:00 Am</i>
END OF TEST PERIOD:	DATE: <i>6-7-06</i>	TIME: <i>11:00 Am</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	10:00 Am	9' 8"	<i>Holding</i>
2	10:05 Am	9' 8"	<i>Holding</i>
3	10:10 Am	9' 8"	<i>Holding</i>
4	10:20 Am	9' 8"	<i>Holding</i>
5	10:30 Am	9' 8"	<i>Holding</i>
6	10:40 Am	9' 8"	<i>Holding</i>
7	10:45 Am	9' 8"	<i>Holding</i>
8	10:50 Am	9' 8"	<i>Holding</i>
9	10:55 Am	9' 8"	<i>Holding</i>
10	11:00 Am	9' 8"	<i>Test Held</i>

Additional Remarks:

NO leaks or repairs made to system

4" brass gate valve was installed to isolate piping from tank

TEST IS: ACCEPTED REJECTED

RECORDED BY: *Sy Cole* *Sunkard*
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valdez*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION: <u>Laguna Seca Compressor site</u>
DATE: <u>7-13-06</u>
Sec, Range <u>Sec 19 R 5 W</u>
and
Township <u>T 31 N</u>

START OF WATER FILL:	DATE: <u>7-13-06</u>	TIME: <u>11:00 Am</u>
START OF TEST PERIOD:	DATE: <u>7-13-06</u>	TIME: <u>1:30 Pm</u>
END OF TEST PERIOD:	DATE: <u>7-13-06</u>	TIME: <u>2:30 Pm</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	1:30 Pm	10' 0"	Holding
2	1:35 Pm	10' 0"	Holding
3	1:40 Pm	10' 0"	Holding
4	1:45 Pm	10' 0"	Holding
5	1:50 Pm	10' 0"	Holding
6	1:55 Pm	10' 0"	Holding
7	2:10 Pm	10' 0"	Holding
8	2:15 Pm	10' 0"	Holding
9	2:25 Pm	10' 0"	Holding
10	2:30 Pm	10' 0"	Test Held

Additional Remarks:

Installed 4" brass gate valve at tank to isolate piping from tank

NO leaks found or repaired

Good steel system

TEST IS: ACCEPTED REJECTED

RECORDED BY: Ag. C. S. S. S. S. S.
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

**Environmental Waste Water Line
Test Report**



Compressor #6

LOCATION: <i>Lateral N-30 Compressor Station</i>
DATE: <i>8-4-06</i>
Sec. Range <i>Sec 25 R9W</i> and Township <i>T 32 N</i>

START OF WATER FILL:	DATE: <i>8-4-06</i>	TIME: <i>8:00 AM</i>
START OF TEST PERIOD:	DATE: <i>8-4-06</i>	TIME: <i>10:00 AM</i>
END OF TEST PERIOD:	DATE: <i>8-4-06</i>	TIME: <i>11:00 AM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>10:00 AM</i>	<i>6' 0"</i>	<i>Holding</i>
2	<i>10:05 AM</i>	<i>6' 0"</i>	<i>Holding</i>
3	<i>10:10 AM</i>	<i>6' 0"</i>	<i>Holding</i>
4	<i>10:15 AM</i>	<i>6' 0"</i>	<i>Holding</i>
5	<i>10:20 AM</i>	<i>6' 0"</i>	<i>Holding</i>
6	<i>10:25 AM</i>	<i>6' 0"</i>	<i>Holding</i>
7	<i>10:30 AM</i>	<i>6' 0"</i>	<i>Holding</i>
8	<i>10:40 AM</i>	<i>6' 0"</i>	<i>Holding</i>
9	<i>10:50 AM</i>	<i>6' 0"</i>	<i>Holding</i>
10	<i>11:00 AM</i>	<i>6' 0"</i>	<i>Test Held</i>

Additional Remarks:

No leaks were found or repaired

Good steel system

TEST IS: ACCEPTED REJECTED

RECORDED BY: *Ly Cole Sunland*
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valde*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



Compressors 1-5 & 3 dehydrators

LOCATION:	<i>Lateral N-30</i>
DATE:	<i>8-11-06</i>
Sec, Range	<i>Sec 25 R 9W</i>
and Township	<i>T 32 N</i>

START OF WATER FILL:	DATE: <i>8-10-06</i>	TIME: <i>11:00 AM</i>
START OF TEST PERIOD:	DATE: <i>8-11-06</i>	TIME: <i>10:30 AM</i>
END OF TEST PERIOD:	DATE: <i>8-11-06</i>	TIME: <i>11:30 AM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>10:30 AM</i>	<i>6' 4"</i>	<i>Holding</i>
2	<i>10:35 AM</i>	<i>6' 4"</i>	<i>Holding</i>
3	<i>10:40 AM</i>	<i>6' 4"</i>	<i>Holding</i>
4	<i>10:45 AM</i>	<i>6' 4"</i>	<i>Holding</i>
5	<i>10:50 AM</i>	<i>6' 4"</i>	<i>Holding</i>
6	<i>10:55 AM</i>	<i>6' 4"</i>	<i>Holding</i>
7	<i>11:00 AM</i>	<i>6' 4"</i>	<i>Holding</i>
8	<i>11:10 AM</i>	<i>6' 4"</i>	<i>Holding</i>
9	<i>11:30 AM</i>	<i>6' 4"</i>	<i>Holding</i>
10	<i>11:30 AM</i>	<i>6' 4"</i>	<i>Test Held</i>

Additional Remarks:

*Repaired 6 leaks, all on PVC piping
No leaks on steel portion of system*

TEST IS: ACCEPTED REJECTED

RECORDED BY: *Sy Cole* *SURLAND*
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valdez*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION: <u>Martinez Draw</u>
DATE: <u>7-18-06</u>
Sec, Range <u>Sec 17 R 5 W</u> and Township <u>T 31 N</u>

START OF WATER FILL:	DATE: <u>7-17-06</u>	TIME: <u>1:45 PM</u>
START OF TEST PERIOD:	DATE: <u>7-18-06</u>	TIME: <u>9:30 AM</u>
END OF TEST PERIOD:	DATE: <u>7-18-06</u>	TIME: <u>10:30 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	9:30 AM	6' 11"	Holding
2	9:35 AM	6' 11"	Holding
3	9:40 AM	6' 11"	Holding
4	9:45 AM	6' 11"	Holding
5	9:50 AM	6' 11"	Holding
6	9:55 AM	6' 11"	Holding
7	10:05 AM	6' 11"	Holding
8	10:15 AM	6' 11"	Holding
9	10:25 AM	6' 11"	Holding
10	10:30 AM	6' 11"	Test Held

Additional Remarks:

Repaired 1 leak above ground
Good steel system

Installed a 4" brass gate valve at tank to isolate
system from tank

TEST IS: ACCEPTED REJECTED

RECORDED BY: [Signature] SUNLAND
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: [Signature]
(Test Inspector)

**Environmental Waste Water Line
Test Report**



Compressors thru 9 & 6 Dehydrators

LOCATION: <i>Middle Mesa CDP</i>
DATE: <i>7-25-06</i>
Sec. Range <i>Sec. 10 R 7 W</i> and Township <i>T 31 N</i>

START OF WATER FILL:	DATE: <i>7-24-06</i>	TIME: <i>11:30 AM</i>
START OF TEST PERIOD:	DATE: <i>7-25-06</i>	TIME: <i>9:30 AM</i>
END OF TEST PERIOD:	DATE: <i>7-25-06</i>	TIME: <i>10:30 AM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>9:30 AM</i>	<i>8' 3"</i>	<i>Holding</i>
2	<i>9:35 AM</i>	<i>8' 3"</i>	<i>Holding</i>
3	<i>9:40 AM</i>	<i>8' 3"</i>	<i>Holding</i>
4	<i>9:45 AM</i>	<i>8' 3"</i>	<i>Holding</i>
5	<i>9:50 AM</i>	<i>8' 3"</i>	<i>Holding</i>
6	<i>10:00 AM</i>	<i>8' 3"</i>	<i>Holding</i>
7	<i>10:10 AM</i>	<i>8' 3"</i>	<i>Holding</i>
8	<i>10:20 AM</i>	<i>8' 3"</i>	<i>Holding</i>
9	<i>10:25 AM</i>	<i>8' 3"</i>	<i>Holding</i>
10	<i>10:30 AM</i>	<i>8' 3"</i>	<i>Test Held</i>

Additional Remarks:

Repaired 2 leaks found on Dehy #1 & Dehy #3

TEST IS: ACCEPTED REJECTED

RECORDED BY: *GARY COLE* *Dunkard*
(TEST CONTRACTOR)

VERIFIED BY: *Charlie*
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valdez*
(TEST INSPECTOR)

Environmental Waste Water Line
Test Report



7 Straddle compressors

LOCATION: <i>Middle Mesa COP</i>
DATE: <i>7-28-06</i>
Sec, Range <i>Sec 10 R7W</i> and Township <i>T 31 N</i>

START OF WATER FILL:	DATE: <i>7-27-06</i>	TIME: <i>2:30 PM</i>
START OF TEST PERIOD:	DATE: <i>7-28-06</i>	TIME: <i>10:30 AM</i>
END OF TEST PERIOD:	DATE: <i>7-28-06</i>	TIME: <i>11:30 AM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>10:30 AM</i>	<i>6' 7"</i>	<i>Holding</i>
2	<i>10:35 AM</i>	<i>6' 7"</i>	<i>Holding</i>
3	<i>10:40 AM</i>	<i>6' 7"</i>	<i>Holding</i>
4	<i>10:45 AM</i>	<i>6' 7"</i>	<i>Holding</i>
5	<i>10:50 AM</i>	<i>6' 7"</i>	<i>Holding</i>
6	<i>11:00 AM</i>	<i>6' 7"</i>	<i>Holding</i>
7	<i>11:10 AM</i>	<i>6' 7"</i>	<i>Holding</i>
8	<i>11:20 AM</i>	<i>6' 7"</i>	<i>Holding</i>
9	<i>11:25 AM</i>	<i>6' 7"</i>	<i>Holding</i>
10	<i>11:30 AM</i>	<i>6' 7"</i>	<i>Test Held</i>

Additional Remarks:

NO leaks were found or repaired

Good steel system

A 4" brass gate valve was installed at fiberglass tank & another 4" brass gate valve was installed above ground at the steel tank for isolation of piping to tanks

TEST IS: ACCEPTED REJECTED

RECORDED BY: *GARY COLE* *SUNLAND*
(TEST CONTRACTOR)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valdez*
(TEST INSPECTOR)

Environmental Waste Water Line
Test Report



Train 5

LOCATION:	Milagro Plant
DATE:	6-15-06
Sec, Range and Township	Sec. 12 R 11 W 29 N

START OF WATER FILL:	DATE: 6-13-06	TIME: 11:00 AM
START OF TEST PERIOD:	DATE: 6-15-06	TIME: 12:30 PM
END OF TEST PERIOD:	DATE: 6-15-06	TIME: 1:30 PM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	12:30pm	6' 0"	Holding
2	12:35pm	6' 0"	Holding
3	12:40pm	6' 0"	Holding
4	12:45pm	6' 0"	Holding
5	12:55pm	6' 0"	Holding
6	1:05pm	6' 0"	Holding
7	1:15pm	6' 0"	Holding
8	1:20pm	6' 0"	Holding
9	1:25pm	6' 0"	Holding
10	1:30pm	6' 0"	Test Held

Additional Remarks:

No leaks found or repaired
good steel system

Test on Train 5 Laterals & 6" Header

TEST IS: ACCEPTED REJECTED

RECORDED BY: GARY COLE SunLAND
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

**Environmental Waste Water Line
Test Report**



Trains 1, 2, 3 & 4 + Dehydrators & Boilers

LOCATION: <i>Milagro Plant</i>
DATE: <i>6-20-06</i>
Sec, Range and Township

START OF WATER FILL:	DATE: <i>6-16-06</i>	TIME: <i>10:00 AM</i>
START OF TEST PERIOD:	DATE: <i>6-20-06</i>	TIME: <i>12:30 PM</i>
END OF TEST PERIOD:	DATE: <i>6-20-06</i>	TIME: <i>1:30 PM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>12:30 PM</i>	<i>19' 0"</i>	<i>Holding</i>
2	<i>12:35 PM</i>	<i>19' 0"</i>	<i>Holding</i>
3	<i>12:40 PM</i>	<i>19' 0"</i>	<i>Holding</i>
4	<i>12:50 PM</i>	<i>19' 0"</i>	<i>Holding</i>
5	<i>12:55 PM</i>	<i>19' 0"</i>	<i>Holding</i>
6	<i>1:00 PM</i>	<i>19' 0"</i>	<i>Holding</i>
7	<i>1:10 PM</i>	<i>19' 0"</i>	<i>Holding</i>
8	<i>1:20 PM</i>	<i>19' 0"</i>	<i>Holding</i>
9	<i>1:25 PM</i>	<i>19' 0"</i>	<i>Holding</i>
10	<i>1:30 PM</i>	<i>19' 0"</i>	<i>Test Held</i>

Additional Remarks:

NO Leaks found or repaired

Good steel system

6" steel gate valve installed in collection Box for isolation

Laterals & headers for trains 1, 2, 3, & 4

Laterals & header for dehydrators & Boilers

TEST IS: ACCEPTED REJECTED

RECORDED BY: *GARY COLE* *Sunkand*
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Velds*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



Filter Drain System Train 5

LOCATION:	<i>Milagro Plant</i>
DATE:	<i>6-30-06</i>
Sec, Range and Township	<i>Sec 12 R11W 29 N</i>

START OF WATER FILL:	DATE: <i>6-30-06</i>	TIME: <i>9:45 AM</i>
START OF TEST PERIOD:	DATE: <i>6-30-06</i>	TIME: <i>1:15 PM</i>
END OF TEST PERIOD:	DATE: <i>6-30-06</i>	TIME: <i>2:15 PM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>1:15 PM</i>	<i>6' 0"</i>	<i>Holding</i>
2	<i>1:20 PM</i>	<i>6' 0"</i>	<i>Holding</i>
3	<i>1:25 PM</i>	<i>6' 0"</i>	<i>Holding</i>
4	<i>1:30 PM</i>	<i>6' 0"</i>	<i>Holding</i>
5	<i>1:40 PM</i>	<i>6' 0"</i>	<i>Holding</i>
6	<i>1:45 PM</i>	<i>6' 0"</i>	<i>Holding</i>
7	<i>1:55 PM</i>	<i>6' 0"</i>	<i>Holding</i>
8	<i>2:05</i>	<i>6' 0"</i>	<i>Holding</i>
9	<i>2:10 PM</i>	<i>6' 0"</i>	<i>Holding</i>
10	<i>2:15 PM</i>	<i>6' 0"</i>	<i>Test Held</i>

Additional Remarks:

NO leaks were found or repaired

Good steel system

Inlet filter drain system for train 5

TEST IS: ACCEPTED REJECTED

RECORDED BY: *SURHAND* *Sty Col*
(TEST Contractor)

VERIFIED BY: *Heald* *Woo*
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valdez*
(Test Inspector)

Environmental Waste Water Line
Test Report



LOCATION: <i>Prichard Straddle</i>
DATE: <i>5-24-06</i>
Sec. Range <i>Sec. 1 R9W</i> and Township <i>T 30 N</i>

START OF WATER FILL:	DATE: <u><i>5-23-06</i></u>	TIME: <u><i>8:00 AM</i></u>
START OF TEST PERIOD:	DATE: <u><i>5-24-06</i></u>	TIME: <u><i>8:00 AM</i></u>
END OF TEST PERIOD:	DATE: <u><i>5-24-06</i></u>	TIME: <u><i>9:00 AM</i></u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	8:00 AM	6' 8"	Holding
2	8:05 AM	6' 8"	Holding
3	8:10 AM	6' 8"	Holding
4	8:20 AM	6' 8"	Holding
5	8:30 AM	6' 8"	Holding
6	8:35 AM	6' 8"	Holding
7	8:45 AM	6' 5"	Holding
8	8:50 AM	6' 8"	Holding
9	8:55 AM	6' 8"	Holding
10	9:00 AM	6' 8"	Test Held

Additional Remarks:

Repaired 1 leak on a 2" Flang on Compressor pad #2

TEST IS: ACCEPTED REJECTED

RECORDED BY: *Ly Cole* *SUNLAND*
(TEST Contractor)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valdez*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



2 compressors & 3 dehy's North Lower section

LOCATION: Pump Mesa CDP
DATE: 8-21-06
Sec. Range Sec. 14 R 8 W
and Township T 31 N

START OF WATER FILL:	DATE: 8-21-06	TIME: 7:30 AM
START OF TEST PERIOD:	DATE: 8-21-06	TIME: 1:00 PM
END OF TEST PERIOD:	DATE: 8-21-06	TIME: 2:00 PM

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	1:00 PM	9' 10"	Holding
2	1:05 PM	9' 10"	Holding
3	1:10 PM	9' 10"	Holding
4	1:15 PM	9' 10"	Holding
5	1:20 PM	9' 10"	Holding
6	1:25 PM	9' 10"	Holding
7	1:30 PM	9' 10"	Holding
8	1:40 PM	9' 10"	Holding
9	1:50 PM	9' 10"	Holding
10	2:00 PM	9' 10"	Test Held

Additional Remarks:

NO leaks were found or repaired

North Lower section of site

TEST IS: ACCEPTED REJECTED

RECORDED BY: Lytle Sunland
(TEST Contractor)

VERIFIED BY: Ed Hoban
(LOCATION SUPERVISOR)

APPROVED BY: Dwayne Valdez
(Test Inspector)

**Environmental Waste Water Line
Test Report**



8 compressors & 2 dehydrators Upper South side

LOCATION:	<i>Pump Mesa COP</i>
DATE:	<i>8-23-06</i>
Sec, Range	<i>Sec 14 R 8 W</i>
and Township	<i>T 31 N</i>

START OF WATER FILL:	DATE: <i>8-22-06</i>	TIME: <i>8:00 AM</i>
START OF TEST PERIOD:	DATE: <i>8-23-06</i>	TIME: <i>9:00 AM</i>
END OF TEST PERIOD:	DATE: <i>8-23-06</i>	TIME: <i>10:00 AM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>9:00 AM</i>	<i>6' 0"</i>	<i>Holding</i>
2	<i>9:05 AM</i>	<i>6' 0"</i>	<i>Holding</i>
3	<i>9:10 AM</i>	<i>6' 0"</i>	<i>Holding</i>
4	<i>9:15 AM</i>	<i>6' 0"</i>	<i>Holding</i>
5	<i>9:20 AM</i>	<i>6' 0"</i>	<i>Holding</i>
6	<i>9:25 AM</i>	<i>6' 0"</i>	<i>Holding</i>
7	<i>9:30 AM</i>	<i>6' 0"</i>	<i>Holding</i>
8	<i>9:40 AM</i>	<i>6' 0"</i>	<i>Holding</i>
9	<i>9:50 AM</i>	<i>6' 0"</i>	<i>Holding</i>
10	<i>10:00 AM</i>	<i>6' 0"</i>	<i>Test Held</i>

Additional Remarks:

NO Leaks were found or repaired

TEST IS: ACCEPTED REJECTED

RECORDED BY: *GARY Cole Sunkard*
(TEST Contractor)

VERIFIED BY: *[Signature]*
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Valdez*
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION: <i>Trunk B Booster</i>
DATE: <i>8-17-06</i>
Sec, Range <i>Sec. 28 R 8W</i> and Township <i>31 N</i>

START OF WATER FILL:	DATE: <i>8-17-06</i>	TIME: <i>8:00 AM</i>
START OF TEST PERIOD:	DATE: <i>8-17-06</i>	TIME: <i>10:50 AM</i>
END OF TEST PERIOD:	DATE: <i>8-17-06</i>	TIME: <i>11:50 AM</i>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	<i>10:50 AM</i>	<i>6' 9"</i>	<i>Holding</i>
2	<i>10:55 AM</i>	<i>6' 9"</i>	<i>Holding</i>
3	<i>11:00 AM</i>	<i>6' 9"</i>	<i>Holding</i>
4	<i>11:05 AM</i>	<i>6' 9"</i>	<i>Holding</i>
5	<i>11:10 AM</i>	<i>6' 9"</i>	<i>Holding</i>
6	<i>11:15 AM</i>	<i>6' 9"</i>	<i>Holding</i>
7	<i>11:25 AM</i>	<i>6' 9"</i>	<i>Holding</i>
8	<i>11:35 AM</i>	<i>6' 9"</i>	<i>Holding</i>
9	<i>11:45 AM</i>	<i>6' 9"</i>	<i>Holding</i>
10	<i>11:50 AM</i>	<i>6' 9"</i>	<i>Test Held</i>

Additional Remarks:

Installed 4" brass gate valve at tank to isolate piping from tank

No leaks were found or repaired

TEST IS: ACCEPTED REJECTED

RECORDED BY: *[Signature]*
(TEST CONTRACTOR)

VERIFIED BY: *[Signature]*
(LOCATION SUPERVISOR)

APPROVED BY: *[Signature]*
(TEST INSPECTOR)

**Environmental Waste Water Line
Test Report**



LOCATION: <u>Trunk M CDP</u>
DATE: <u>6-12-06</u>
Sec, Range <u>Sec 29 R 6 W</u> and Township <u>T 30 N</u>

START OF WATER FILL:	DATE: <u>6-8-06</u>	TIME: <u>10:30 AM</u>
START OF TEST PERIOD:	DATE: <u>6-12-06</u>	TIME: <u>8:25 AM</u>
END OF TEST PERIOD:	DATE: <u>6-12-06</u>	TIME: <u>9:25 AM</u>

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	8:25 AM	6' 4"	Holding
2	8:30 AM	6' 4"	Holding
3	8:35 AM	6' 4"	Holding
4	8:45 AM	6' 4"	Holding
5	8:55 AM	6' 4"	Holding
6	9:00 AM	6' 4"	Holding
7	9:10 AM	6' 4"	Holding
8	9:15 AM	6' 4"	Holding
9	9:20 AM	6' 4"	Holding
10	9:25 AM	6' 4"	Test Held

Additional Remarks:

Repaired 5 leaks total on compressor pads, Hot start pad, & Day tank pad

TEST IS: ACCEPTED REJECTED

RECORDED BY:

Shyab

Sunkand
(TEST Contractor)

VERIFIED BY:

(LOCATION SUPERVISOR)

APPROVED BY:

Dwayne Valdez
(Test Inspector)

**Environmental Waste Water Line
Test Report**



LOCATION: <i>Wild Horse Compressor</i>
DATE: <i>7-19-06</i>
Sec, Range <i>Sec 27 Range 4 W</i> and
Township <i>T 26 N</i>

START OF WATER FILL:	DATE: _____	TIME: _____
START OF TEST PERIOD:	DATE: _____	TIME: _____
END OF TEST PERIOD:	DATE: _____	TIME: _____

- TEST DATA:
1. Water height by manual measurement at the datum.
 2. Test to commence when maximum fill is reached and first manual measurement is recorded.
 3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Additional Remarks:

Wild Horse Compressor station has one compressor with 3' of steel pipe that is 6" deep. Hand dug all piping & performed a visual inspection.

Replaced threaded collar on skid drain with a stainless steel repair clamp & wrapped line with polyken tape.

TEST IS: ACCEPTED REJECTED

RECORDED BY: _____
(TEST CONTRACTOR)

VERIFIED BY: _____
(LOCATION SUPERVISOR)

APPROVED BY: *Dwayne Vally*
(TEST INSPECTOR)