GW - 53

GENERAL CORRESPONDENCE

YEAR(S):

2007-1991

AGAVE ENERGY COMPANY

105 South Fourth Street | Artesia, New Mexico 88210 | (505) 748-4555 | Fax (505) 748-4275

RECEIVED

2007 JUL 30 AM 11 16

Via Certified Mail 7006 2150 0000 3855 1636

July 24, 2007

Wayne Price, Environmental Bureau Chief
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, New Mexico 87505

Re: Underground Wastewater Process Lines
Agave Dagger Draw Gas Plant
Discharge Permit GW-053

Agave Energy Company will be testing underground wastewater process lines before August 30, 2007 for the Agave Dagger Draw Gas Plant. Due to personnel issues, we are unable to narrow the testing time any more than that. As per Condition 12.B of the discharge permits, Agave is including the basic procedure and notifying OCD in advance of the tests. Agave will maintain all records of the tests.

PROCEDURES FOR PRESSURE TESTING DRAINS INSIDE DAGGER DRAW GAS PLANT

1. Shut 3" PVC valve just outside of the slop settling tank.
2. Shut the valve exiting the submerged tank inside the filter storage warehouse.
3. Plug all drains with stoppers:
   - A. Amine Skid 3" drain
   - B. Hot Oil Skid 3" drain
   - C. Glycol Skid 3" drain
   - D. Vent Between Glycol and Cryo #1 Skid 3" drain
   - E. Cryo #1 Skid 3" drain
   - F. Cryo #2 Skid 3" drain
   - G. D2 Skid 3" drain
   - H. D1 Skid 3" drain
   - I. Product Pump Skid Beside Cryo #1 3" drain
4. Install an air line on any of the 11 stoppers that were installed in step #2.
5. Pressure the drain system up to 3 pounds for 30 minutes.
6. Bleed the pressure off, remove all of the stoppers, and put the drain system back in service.

If you have any questions regarding this notification, please do not hesitate to call me at 505-748-4471 or email me at jknowlton@ypcnm.com.

Sincerely,

Jennifer Knowlton

Jennifer Knowlton
Environmental Engineer

AGAVE ENERGY COMPANY

105 South Fourth Street Artesia, New Mexico 88210 (505) 748-4555 Fax (505) 748-4275

Via Certified Mail 7006 2150 0000 3855 1131

February 6, 2007

Wayne Price
New Mexico OCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Agave Dagger Draw Gas Processing Plant
Discharge Permit GW-053 Modification

Dear Wayne:

As per our conversation on January 31, 2007, I am attaching additional information in support of the modification of the discharge permit for the Agave Dagger Draw Gas Processing Plant, GW-053.

You noted that there was a renewal fee for the renewal permit that Agave submitted in January for the Agave Gas Plant. Agave did send the check for $4100. I am attaching a copy of the cleared check. There was also a fee of $100 for the modification fee. I am attaching a copy of the cleared check for the modification fee.

Attached is a schematic of the Agave Land Farm. As explained in the discharge permit, the land farm has two cells designated the East Cell and the West Cell. Because the West Cell is large, we generally divide it into a north half and a south half although there is no definitive demarcation between the halves. The land farm is inside the fenceline and is not accessible to the public. This land farm was authorized under the existing discharge permit. Agave has not accepted waste for the land farm in approximately two years.

I understand that there was some confusion as to the purpose of the modification permit for the gas plants. The Duke Dagger Draw Gas Plant was issued discharge permit GW-185. To the best of our knowledge, this facility has not operated since August 2003. In May 2005, Agave Energy Company purchased the neighboring Duke Dagger Draw Gas Plant. These two facilities are neighboring and contiguous, sharing a common fenceline. Agave modified and consolidated the two facilities. This project included the installation of an acid gas injection system in lieu of a flare or SRU to dispose of the acid gas stream from the amine system. Agave refurbished the cryogenic skids, removed two large gas fired compressor engines, and installed a new control system. The bulk of this work was done on the old "Duke side" of the operations. Agave started moving gas through the Agave Dagger Draw Gas Processing Plant in April 2006. Agave is currently developing a plan to clean up the old "Agave side" to treat a side stream of gas. I have attached a schematic of the old and new fencelines. The purpose of the modification application is to combine the two existing discharge permits. The new discharge permit will cover operations over the entire facility. If you have specific questions about the old or new operations, I would be happy to answer those questions during our scheduled conference call.

Finally, you asked for a copy of the chain of custody record and the quality control analysis for the soil samples. I have attached copies of these for your information. The quality control analysis was not originally provided in the soil sample results. I had to request a copy from the lab.

I look forward to working with you in issuing the modified discharge plan for the Agave Dagger Draw Gas Processing Plant. We are scheduled for a conference call at 10:00 on Thursday, February 8, 2007 that will include myself, Lisa Norton of Yates Petroleum Corporation and Greg Jokela, Vice President of

Agave Energy to discuss this further. In the meantime, if you have any questions regarding this additional information, please do not hesitate to contact me at 505-748-4471 or email me at jknowlton@ypcnm.com.

Sincerely,

Jennifer Knowlton

Jennifer Knowlton
Environmental Engineer

(corres 020607.doc)

Bank of America

32-2
1110

AGAVE ENERGY COMPANY

105 South Fourth Street
Artesia, New Mexico 88210
505-748-4555

[redacted]

DATE 8/04/2006 VENDOR NO. 941753

**********100DOLLARS***00CENTS

PAY TO THE ORDER OF

WATER QUALITY MANAGEMENT FUND
C/O OIL CONSERVATION DIVISION
1220 S SAINT FRANCIS DRIVE
SANTA FE NM 87505

AMOUNT
*********100.00

[redacted]

[redacted]

Pay to the Order of
NMED Water Quality
Management Fund
By:

BANK OF AMERICA,NA NME
08/18/06
1620892253

Bank of America

32-2
1110

AGAVE ENERGY COMPANY

105 South Fourth Street
Artesia, New Mexico 88210
505-748-4555

[redacted]

DATE 4/13/2006 VENDOR NO. 941753

**********4,100DOLLARS***00CENTS

PAY TO THE ORDER OF:

WATER QUALITY MANAGEMENT FUND
C/O OIL CONSERVATION DIVISION
1220 S SAINT FRANCIS DRIVE
SANTA FE NM [redacted]

AMOUNT
********4,100.00

EW-253

US DATE 04/21/06
018 E C 084 NT

[redacted]

Pay to the Order of
NMED Water Quality
Management Fund
By: _____

APR 21 06

[redacted]

[redacted]

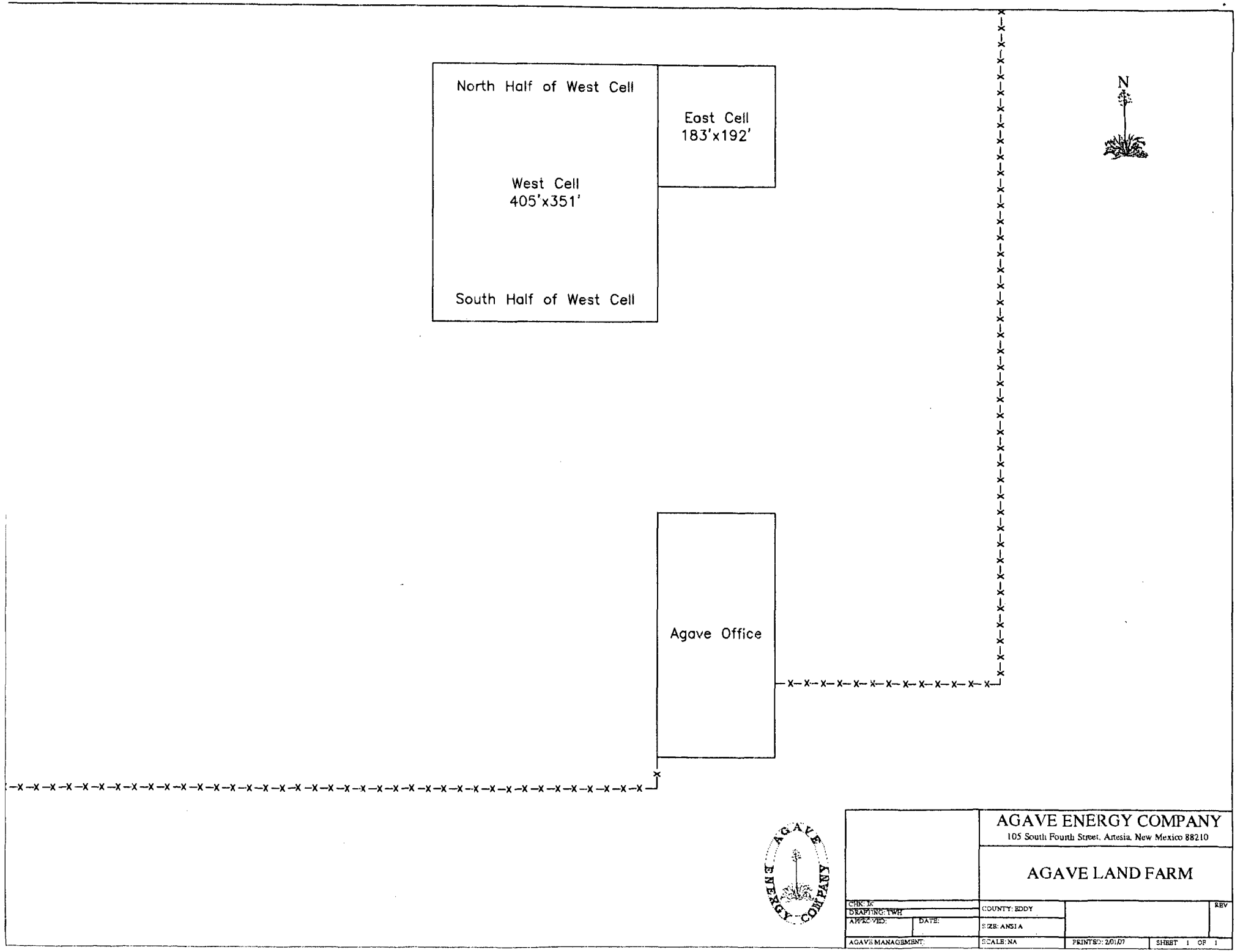
US DATE 04/21/06
018 E C 084 NT

BANK OF AMERICA NA MNE

[redacted]

[redacted]

Pay to the Order of
NMED Water Quality
Management Fund
By: _____

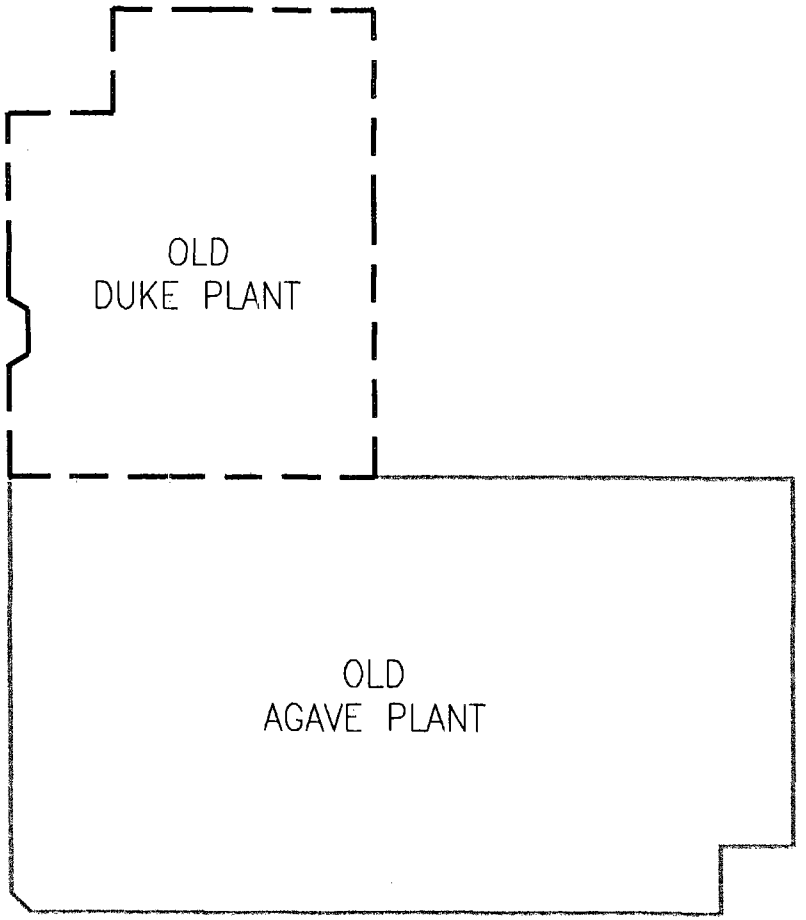


AGAVE ENERGY COMPANY

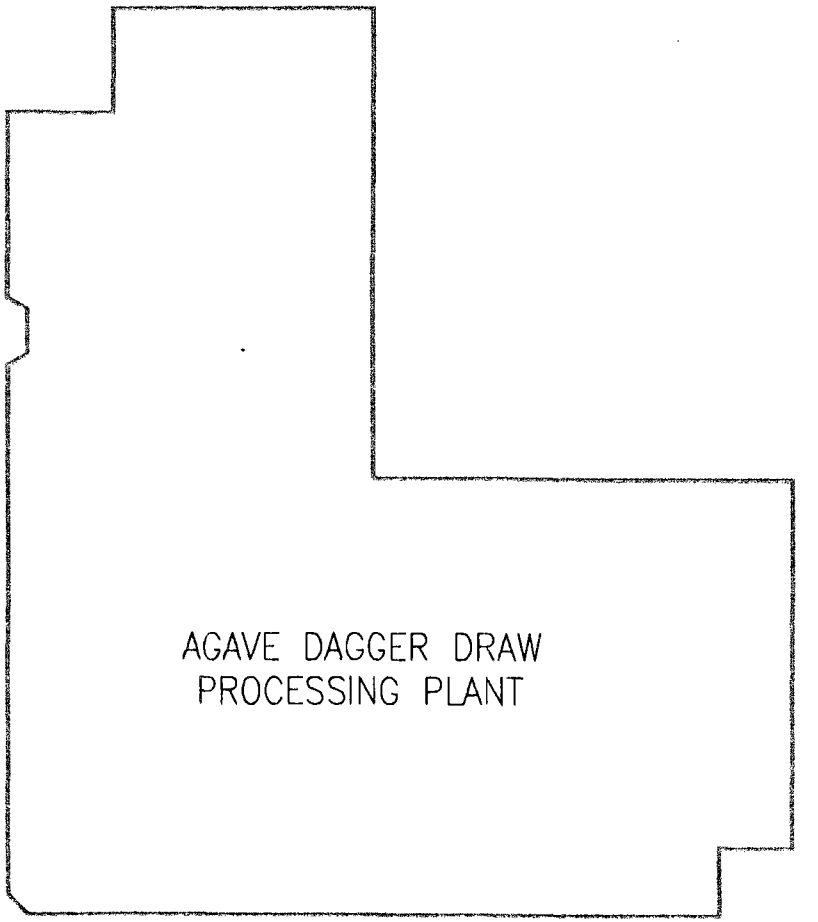
105 South Fourth Street, Artesia, New Mexico 88210

AGAVE LAND FARM

CHK: JC		COUNTY: EDDY	REV
DRAFTING: TWH			
APPROVED:	DATE:	SIZE: ANSI A	
AGAVE MANAGEMENT		SCALE: NA	PRINTED: 2/01/07 SHEET 1 OF 1



OLD



NEW

AGAVE ENERGY COMPANY
105 South Fourth Street, Artesia, New Mexico 88210

AGAVE DAGGER DRAW
PROCESSING PLANT

CHK: JK		COUNTY: EDDY	REV
DRAFTING: TWH			
APPROVED:	DATE:	SIZE: ANSI A	
AGAVE MANAGEMENT		SCALE: NA	PRINTED: 2/01/07 SHEET 1 OF 1

ASSAIGAI ANALYTICAL LABORATORIES, INC.

Chain of Custody Record

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Lab Job No.: 0604401 Date ______

Page 1 of 1

Client: Yates Petroleum Corporation.
Address: 105 South 4th Street
City / State / Zip: Artesia, N.M. 88210
Project Name / Number: Agave Gas Plant Landfarm
Contract / Purchase Order / Quote: 103.7422

Project Manager / Contact: Mike Stubblefield
Telephone No.: 505-748-4500
Fax No.: 505-746-4635
Samplers: (signature) Mike Stubblefield

AALI Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Preservation Chemical	No. of Containers	TCLP metals	TPH	BTEX	Chlorides							Remarks
01A	1. West Bio-Cel south half	4/18/06	11:00A	comp.	4oz G		chem		√	√	√	√							
02A	2. West Bio-Cel North half	4/18/06	11:15A	comp.			"		√	√	√	√							
03A	3. East Bio-Cel	4/18/06	11:30A	comp.			"		√	√	√	√							

OFFICE USE ONLY

Relinquished by:	Date / Time	Received by:	Relinquished by:	Date / Time	Received by:
Signature: Mike Stubblefield	Date: 4/18/06	Signature:	Signature:	Date: 4/19/06	Signature: [signature]
Printed: Mike Stubblefield		Printed:	Printed:		Printed: STC
Company: Yates Petroleum Corporation	Time: 1:30 PM.	Company:	Company:	Time: 9:48	Company: CRAL
Reason: Soil testing.		Reason:	Reason:		Reason: analysis

Method of Shipment: Bus
Shipment No. ______
Special Instructions: ______

Comments: Cooler temp 13.7

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 3050B/6010B ICP**
Batch: **M06464**
Matrix: ***SOLID***

MB: Method Blank **Lab Sample ID: N/A** **M06464-001**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.17	7440-38-2	Arsenic	ND	mg/kg		1	0.25		05-05-06
MT.2006.836.17	7440-39-3	Barium	ND	mg/kg		1	0.15		05-05-06
MT.2006.836.17	7440-43-9	Cadmium	ND	mg/kg		1	0.25		05-05-06
MT.2006.836.17	7440-47-3	Chromium	ND	mg/kg		1	0.1		05-05-06
MT.2006.836.17	7439-92-1	Lead	ND	mg/kg		1	0.25		05-05-06
MT.2006.836.17	7782-49-2	Selenium	ND	mg/kg		1	0.5		05-05-06
MT.2006.836.17	7440-22-4	Silver	ND	mg/kg		1	0.25		05-05-06

LCS: Lab Control Spike **Lab Sample ID: N/A** **M06464-002**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.18	7440-39-3	Barium	90.6	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.18	7440-43-9	Cadmium	87.6	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.18	7440-47-3	Chromium	91.8	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.18	7439-92-1	Lead	88.6	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.18	7782-49-2	Selenium	88.9	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.18	7440-22-4	Silver	87.4	% Recovery	80 - 120	1	NA		05-05-06

MS: Matrix Spike **Lab Sample ID: 0604401-0001A** **M06464-004**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.20	7440-38-2	Arsenic	95.0	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.20	7440-39-3	Barium	202	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.20	7440-43-9	Cadmium	81.4	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.20	7440-47-3	Chromium	84.0	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.20	7439-92-1	Lead	28.0	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.20	7782-49-2	Selenium	98.0	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.20	7440-22-4	Silver	83.3	% Recovery	80 - 120	1	NA		05-05-06

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0001A** **M06464-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.21	7440-38-2	Arsenic	11.5	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.21	7440-39-3	Barium	17.1	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.21	7440-43-9	Cadmium	3.54	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.21	7440-47-3	Chromium	10.0	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.21	7439-92-1	Lead	5.64	RPD	0 - 20	1	NA		05-05-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 3050B/6010B ICP**
Batch: **M06464**
Matrix: ***SOLID***

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0001A** **M06464-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.21	7782-49-2	Selenium	6.30	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.21	7440-22-4	Silver	5.67	RPD	0 - 20	1	NA		05-05-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604401-0001A** **M06464-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.21	7440-38-2	Arsenic	127	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7440-39-3	Barium	1230	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7440-43-9	Cadmium	85.3	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7440-47-3	Chromium	120	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7439-92-1	Lead	40.0	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7782-49-2	Selenium	109	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7440-22-4	Silver	90.2	% Recovery	80 - 120	1	NA		05-05-06

MD: Matrix Duplicate **Lab Sample ID: 0604401-0001A** **M06464-006**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.22	7440-38-2	Arsenic	1.57	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7440-39-3	Barium	12.9	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7440-43-9	Cadmium	1.74	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7440-47-3	Chromium	5.03	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7439-92-1	Lead	26.9	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7782-49-2	Selenium	2.77	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7440-22-4	Silver	4.82	RPD	0 - 20	1	NA		05-05-06

SD: Serial Dilution **Lab Sample ID: 0604401-0001A** **M06464-007**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.23	7440-38-2	Arsenic	31.0	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7440-39-3	Barium	24.6	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7440-43-9	Cadmium	0.391	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7440-47-3	Chromium	10.3	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7439-92-1	Lead	5.03	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7782-49-2	Selenium	NA	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7440-22-4	Silver	8.60	RPD	0 - 20	5	NA		05-05-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 5035B/8015B GRO by GC/FID**
Batch: **V06215**
Matrix: ***SOLID***

MB: Method Blank **Lab Sample ID: N/A** **V06215-001**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.526.3		Gasoline Range Organics	ND	mg / Kg		1	0.55		05-01-06

LCS: Lab Control Spike **Lab Sample ID: N/A** **V06215-002**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.526.4		Gasoline Range Organics	91.2	% Recovery	66 - 136	1	NA		05-01-06

MS: Matrix Spike **Lab Sample ID: 0604401-0002A** **V06215-006**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.526.9		Gasoline Range Organics	107	% Recovery	66 - 136	1	NA		05-01-06

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0002A** **V06215-007**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.526.10		Gasoline Range Organics	4.8	RPD	0 - 20	1	NA		05-01-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604401-0002A** **V06215-007**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.526.10		Gasoline Range Organics	102	% Recovery	66 - 136	1	NA		05-01-06

Test: **SW846 5035B/8260B Purgeable VOCs by GC/MS**
Batch: **V06203**
Matrix: ***SOLID***

MB: Method Blank **Lab Sample ID: N/A** **V06203-001**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.6	71-43-2	Benzene	ND	mg / Kg		1	0.005		04-25-06
XG.2006.565.6	71-43-2	Benzene	ND	mg / Kg		1	0.005		04-25-06
XG.2006.487.6	100-41-4	Ethylbenzene	ND	mg / Kg		1	0.005		04-25-06
XG.2006.565.6	100-41-4	Ethylbenzene	ND	mg / Kg		1	0.005		04-25-06
XG.2006.487.6	95-47-6	o-Xylene	ND	mg / Kg		1	0.005		04-25-06
XG.2006.565.6	95-47-6	o-Xylene	ND	mg / Kg		1	0.005		04-25-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**

Project: **AGAVE GAS PLANT LAND FARM**

Order: **0604401 YAT01**

Test: **SW846 5035B/8260B Purgeable VOCs by GC/MS**

Batch: **V06203**

Matrix: ***SOLID***

MB: Method Blank **Lab Sample ID: N/A** **V06203-001**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.6	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg		1	0.01		04-25-06
XG.2006.565.6	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg		1	0.01		04-25-06
XG.2006.487.6	108-88-3	Toluene	ND	mg / Kg		1	0.005		04-25-06
XG.2006.565.6	108-88-3	Toluene	ND	mg / Kg		1	0.005		04-25-06

LCS: Lab Control Spike **Lab Sample ID: N/A** **V06203-002**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.7	71-43-2	Benzene	103	% Recovery	83 - 120	1	NA		04-25-06
XG.2006.565.7	71-43-2	Benzene	103	% Recovery	83 - 120	1	NA		04-25-06
XG.2006.487.7	100-41-4	Ethylbenzene	102	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.565.7	100-41-4	Ethylbenzene	102	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.487.7	95-47-6	o-Xylene	98.2	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.565.7	95-47-6	o-Xylene	98.2	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.487.7	108-38-3/106-42	p/m-Xylenes	99.6	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.565.7	108-38-3/106-42	p/m-Xylenes	99.6	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.487.7	108-88-3	Toluene	102	% Recovery	77 - 123	1	NA		04-25-06
XG.2006.565.7	108-88-3	Toluene	102	% Recovery	77 - 123	1	NA		04-25-06

MS: Matrix Spike **Lab Sample ID: 0604401-0001A** **V06203-004**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.9	71-43-2	Benzene	98.2	% Recovery	83 - 120	10	NA		04-25-06
XG.2006.565.9	71-43-2	Benzene	98.2	% Recovery	83 - 120	10	NA		04-25-06
XG.2006.487.9	100-41-4	Ethylbenzene	96.3	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.9	100-41-4	Ethylbenzene	96.3	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.9	95-47-6	o-Xylene	94.1	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.9	95-47-6	o-Xylene	94.1	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.9	108-38-3/106-42	p/m-Xylenes	95.0	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.9	108-38-3/106-42	p/m-Xylenes	95.0	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.9	108-88-3	Toluene	95.7	% Recovery	77 - 123	10	NA		04-25-06
XG.2006.565.9	108-88-3	Toluene	95.7	% Recovery	77 - 123	10	NA		04-25-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 5035B/8260B Purgeable VOCs by GC/MS**
Batch: **V06203**
Matrix: ***SOLID***

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0001A** **V06203-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.10	71-43-2	Benzene	1.6	RPD	0 - 14	10	NA		04-25-06
XG.2006.565.10	71-43-2	Benzene	1.6	RPD	0 - 14	10	NA		04-25-06
XG.2006.487.10	100-41-4	Ethylbenzene	0.62	RPD	0 - 14	10	NA		04-25-06
XG.2006.565.10	100-41-4	Ethylbenzene	0.62	RPD	0 - 14	10	NA		04-25-06
XG.2006.487.10	95-47-6	o-Xylene	0.84	RPD	0 - 19	10	NA		04-25-06
XG.2006.565.10	95-47-6	o-Xylene	0.84	RPD	0 - 19	10	NA		04-25-06
XG.2006.487.10	108-38-3/106-42	p/m-Xylenes	0.63	RPD	0 - 18	10	NA		04-25-06
XG.2006.565.10	108-38-3/106-42	p/m-Xylenes	0.63	RPD	0 - 18	10	NA		04-25-06
XG.2006.487.10	108-88-3	Toluene	1.8	RPD	0 - 17	10	NA		04-25-06
XG.2006.565.10	108-88-3	Toluene	1.8	RPD	0 - 17	10	NA		04-25-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604401-0001A** **V06203-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.10	71-43-2	Benzene	99.8	% Recovery	83 - 120	10	NA		04-25-06
XG.2006.565.10	71-43-2	Benzene	99.8	% Recovery	83 - 120	10	NA		04-25-06
XG.2006.487.10	100-41-4	Ethylbenzene	96.9	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.10	100-41-4	Ethylbenzene	96.9	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.10	95-47-6	o-Xylene	94.9	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.10	95-47-6	o-Xylene	94.9	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.10	108-38-3/106-42	p/m-Xylenes	95.6	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.10	108-38-3/106-42	p/m-Xylenes	95.6	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.10	108-88-3	Toluene	97.5	% Recovery	77 - 123	10	NA		04-25-06
XG.2006.565.10	108-88-3	Toluene	97.5	% Recovery	77 - 123	10	NA		04-25-06

Test: **SW846 7471B CVAA**
Batch: **M06463**
Matrix: ***SOLID***

MB: Method Blank **Lab Sample ID: N/A** **M06463-002**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.12	7439-97-6	Mercury	ND	ug / Kg		1	20		05-03-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 7471B CVAA**
Batch: **M06463**
Matrix: ***SOLID***

LCS: Lab Control Spike **Lab Sample ID: N/A** **M06463-003**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.13	7439-97-6	Mercury	98.1	% Recovery	87 - 115	1	NA		05-03-06

MS: Matrix Spike **Lab Sample ID: 0604401-0001A** **M06463-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.15	7439-97-6	Mercury	89.9	% Recovery	87 - 115	1	NA		05-03-06

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0001A** **M06463-006**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.16	7439-97-6	Mercury	3.10	RPD	0 - 20	1	NA		05-03-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604401-0001A** **M06463-006**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.16	7439-97-6	Mercury	92.8	% Recovery	87 - 115	1	NA		05-03-06

MD: Matrix Duplicate **Lab Sample ID: 0604401-0001A** **M06463-007**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.17	7439-97-6	Mercury	21.5	RPD	0 - 20	1	NA		05-03-06

SD: Serial Dilution **Lab Sample ID: 0604401-0001A** **M06463-008**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.18	7439-97-6	Mercury	NA	RPD	0 - 20	5	NA		05-03-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 8015B Diesel Range Organics by GC/FID**
Batch: **S06216**
Matrix: ***SOLID***

MB: Method Blank **Lab Sample ID: N/A** **S06216-001**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.485.4		Diesel Range Organics	ND	mg / Kg		1	25		04-25-06

LCS: Lab Control Spike **Lab Sample ID: N/A** **S06216-002**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.485.5		Diesel Range Organics	105	% Recovery	77 - 121	1	NA		04-25-06

MS: Matrix Spike **Lab Sample ID: 0604363-0001A** **S06216-004**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.485.7		Diesel Range Organics	105	% Recovery	77 - 121	1	NA		04-25-06

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604363-0001A** **S06216-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.485.8		Diesel Range Organics	0.6	RPD	0 - 20	1	NA		04-25-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604363-0001A** **S06216-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.485.8		Diesel Range Organics	105	% Recovery	77 - 121	1	NA		04-25-06

Test: **SW846 9056 Anions by Ion Chromatography**
Batch: **W06318**
Matrix: ***SOLID***

MB: Method Blank **Lab Sample ID: N/A** **W06318-001**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.2	16887-00-6	Chloride	ND	mg / Kg		1	0.5		04-27-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 9056 Anions by Ion Chromatography**
Batch: **W06318**
Matrix: ***SOLID***

LCS: Lab Control Spike **Lab Sample ID: N/A** **W06318-002**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.3	16887-00-6	Chloride	93.9	% Recovery	90 - 110	1	NA		04-27-06

MS: Matrix Spike **Lab Sample ID: 0604401-0001A** **W06318-004**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.5	16887-00-6	Chloride	96.0	% Recovery	90 - 110	50	NA		04-27-06

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0001A** **W06318-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.6	16887-00-6	Chloride	0.151	RPD	0 - 20	50	NA		04-27-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604401-0001A** **W06318-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.6	16887-00-6	Chloride	96.4	% Recovery	90 - 110	50	NA		04-27-06

Assaigai Analytical Laboratories, Inc.

QC Surrogate Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Sample: ***0604401-0001A*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-003**	
XG.2006.526.5	460-00-4	4-Bromofluorobenzene	94.0	% Recovery	78 - 114	1		05-01-06
XG.2006.526.5	98-08-8	aaa-Trifluorotoluene	155	% Recovery	65 - 119	1		05-01-06
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-003**	
XG.2006.565.8	17060-07-0	1,2-Dichloroethane-D4	96.8	% Recovery	80 - 119	10		04-25-06
XG.2006.565.8	460-00-4	4-Bromofluorobenzene	98.8	% Recovery	89 - 110	10		04-25-06
XG.2006.565.8	1868-53-7	Dibromofluoromethane	95.2	% Recovery	86 - 106	10		04-25-06
XG.2006.565.8	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	10		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-014**	
XG.2006.499.4	84-15-1	o-Terphenyl	120	% Recovery	62 - 134	1		04-26-06

Sample: ***0604401-0002A*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-004**	
XG.2006.526.6	460-00-4	4-Bromofluorobenzene	110	% Recovery	78 - 114	1		05-01-06
XG.2006.526.6	98-08-8	aaa-Trifluorotoluene	164	% Recovery	65 - 119	1		05-01-06
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-006**	
XG.2006.565.11	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	10		04-25-06
XG.2006.565.11	460-00-4	4-Bromofluorobenzene	98.0	% Recovery	89 - 110	10		04-25-06
XG.2006.565.11	1868-53-7	Dibromofluoromethane	95.2	% Recovery	86 - 106	10		04-25-06
XG.2006.565.11	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	10		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-015**	
XG.2006.485.20	84-15-1	o-Terphenyl	192	% Recovery	62 - 134	10		04-26-06

Sample: ***0604401-0003A*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-005**	
XG.2006.526.7	460-00-4	4-Bromofluorobenzene	118	% Recovery	78 - 114	1		05-01-06
XG.2006.526.7	98-08-8	aaa-Trifluorotoluene	160	% Recovery	65 - 119	1		05-01-06
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-007**	
XG.2006.565.12	17060-07-0	1,2-Dichloroethane-D4	101	% Recovery	80 - 119	10		04-25-06
XG.2006.565.12	460-00-4	4-Bromofluorobenzene	100	% Recovery	89 - 110	10		04-25-06
XG.2006.565.12	1868-53-7	Dibromofluoromethane	95.2	% Recovery	86 - 106	10		04-25-06
XG.2006.565.12	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	10		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-016**	
XG.2006.485.21	84-15-1	o-Terphenyl	220	% Recovery	62 - 134	10		04-26-06

QC Surrogate Summary

Client: **YATES PETROLEUM CORP.**

Project: **AGAVE GAS PLANT LAND FARM**

Order: **0604401 YAT01**

Sample: ***LCS*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-002**	
XG.2006.526.4	460-00-4	4-Bromofluorobenzene	82.4	% Recovery	78 - 114	1		05-01-06
XG.2006.526.4	98-08-8	aaa-Trifluorotoluene	113	% Recovery	65 - 119	1		05-01-06
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-002**	
XG.2006.487.7	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	1		04-25-06
XG.2006.565.7	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	1		04-25-06
XG.2006.487.7	460-00-4	4-Bromofluorobenzene	97.2	% Recovery	89 - 110	1		04-25-06
XG.2006.565.7	460-00-4	4-Bromofluorobenzene	97.2	% Recovery	89 - 110	1		04-25-06
XG.2006.487.7	1868-53-7	Dibromofluoromethane	100	% Recovery	86 - 106	1		04-25-06
XG.2006.565.7	1868-53-7	Dibromofluoromethane	100	% Recovery	86 - 106	1		04-25-06
XG.2006.487.7	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	1		04-25-06
XG.2006.565.7	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	1		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-002**	
XG.2006.485.5	84-15-1	o-Terphenyl	119	% Recovery	62 - 134	1		04-25-06

Sample: ***MB*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-001**	
XG.2006.526.3	460-00-4	4-Bromofluorobenzene	79.0	% Recovery	78 - 114	1		05-01-06
XG.2006.526.3	98-08-8	aaa-Trifluorotoluene	117	% Recovery	65 - 119	1		05-01-06
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-001**	
XG.2006.487.6	17060-07-0	1,2-Dichloroethane-D4	96.4	% Recovery	80 - 119	1		04-25-06
XG.2006.565.6	17060-07-0	1,2-Dichloroethane-D4	96.4	% Recovery	80 - 119	1		04-25-06
XG.2006.487.6	460-00-4	4-Bromofluorobenzene	100	% Recovery	89 - 110	1		04-25-06
XG.2006.565.6	460-00-4	4-Bromofluorobenzene	100	% Recovery	89 - 110	1		04-25-06
XG.2006.487.6	1868-53-7	Dibromofluoromethane	98.0	% Recovery	86 - 106	1		04-25-06
XG.2006.565.6	1868-53-7	Dibromofluoromethane	98.0	% Recovery	86 - 106	1		04-25-06
XG.2006.487.6	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	1		04-25-06
XG.2006.565.6	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	1		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-001**	
XG.2006.485.4	84-15-1	o-Terphenyl	109	% Recovery	62 - 134	1		04-25-06

Sample: ***MS*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-006**	
XG.2006.526.9	460-00-4	4-Bromofluorobenzene	97.8	% Recovery	78 - 114	1		05-01-06
XG.2006.526.9	98-08-8	aaa-Trifluorotoluene	113	% Recovery	65 - 119	1		05-01-06

QC Surrogate Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Sample: ***MS*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-004**	
XG.2006.487.9	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	10		04-25-06
XG.2006.565.9	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	10		04-25-06
XG.2006.487.9	460-00-4	4-Bromofluorobenzene	99.6	% Recovery	89 - 110	10		04-25-06
XG.2006.565.9	460-00-4	4-Bromofluorobenzene	99.6	% Recovery	89 - 110	10		04-25-06
XG.2006.487.9	1868-53-7	Dibromofluoromethane	97.2	% Recovery	86 - 106	10		04-25-06
XG.2006.565.9	1868-53-7	Dibromofluoromethane	97.2	% Recovery	86 - 106	10		04-25-06
XG.2006.487.9	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	10		04-25-06
XG.2006.565.9	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	10		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-004**	
XG.2006.485.7	84-15-1	o-Terphenyl	121	% Recovery	62 - 134	1		04-25-06

Sample: ***MSD*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-007**	
XG.2006.526.10	460-00-4	4-Bromofluorobenzene	94.6	% Recovery	78 - 114	1		05-01-06
XG.2006.526.10	98-08-8	aaa-Trifluorotoluene	118	% Recovery	65 - 119	1		05-01-06
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-005**	
XG.2006.487.10	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	10		04-25-06
XG.2006.565.10	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	10		04-25-06
XG.2006.487.10	460-00-4	4-Bromofluorobenzene	99.2	% Recovery	89 - 110	10		04-25-06
XG.2006.565.10	460-00-4	4-Bromofluorobenzene	99.2	% Recovery	89 - 110	10		04-25-06
XG.2006.487.10	1868-53-7	Dibromofluoromethane	96.8	% Recovery	86 - 106	10		04-25-06
XG.2006.565.10	1868-53-7	Dibromofluoromethane	96.8	% Recovery	86 - 106	10		04-25-06
XG.2006.487.10	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	10		04-25-06
XG.2006.565.10	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	10		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-005**	
XG.2006.485.8	84-15-1	o-Terphenyl	121	% Recovery	62 - 134	1		04-25-06

AGAVE ENERGY COMPANY

105 South Fourth Street Artesia, New Mexico 88210 (505) 748-4555 Fax (505) 748-4275

Via Certified Mail 7006 2150 0000 3855 1131

February 6, 2007

Wayne Price
New Mexico OCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Agave Dagger Draw Gas Processing Plant
Discharge Permit GW-053 Modification

Dear Wayne:

As per our conversation on January 31, 2007, I am attaching additional information in support of the modification of the discharge permit for the Agave Dagger Draw Gas Processing Plant, GW-053.

You noted that there was a renewal fee for the renewal permit that Agave submitted in January for the Agave Gas Plant. Agave did send the check for $4100. I am attaching a copy of the cleared check. There was also a fee of $100 for the modification fee. I am attaching a copy of the cleared check for the modification fee.

Attached is a schematic of the Agave Land Farm. As explained in the discharge permit, the land farm has two cells designated the East Cell and the West Cell. Because the West Cell is large, we generally divide it into a north half and a south half although there is no definitive demarcation between the halves. The land farm is inside the fenceline and is not accessible to the public. This land farm was authorized under the existing discharge permit. Agave has not accepted waste for the land farm in approximately two years.

I understand that there was some confusion as to the purpose of the modification permit for the gas plants. The Duke Dagger Draw Gas Plant was issued discharge permit GW-185. To the best of our knowledge, this facility has not operated since August 2003. In May 2005, Agave Energy Company purchased the neighboring Duke Dagger Draw Gas Plant. These two facilities are neighboring and contiguous, sharing a common fenceline. Agave modified and consolidated the two facilities. This project included the installation of an acid gas injection system in lieu of a flare or SRU to dispose of the acid gas stream from the amine system. Agave refurbished the cryogenic skids, removed two large gas fired compressor engines, and installed a new control system. The bulk of this work was done on the old "Duke side" of the operations. Agave started moving gas through the Agave Dagger Draw Gas Processing Plant in April 2006. Agave is currently developing a plan to clean up the old "Agave side" to treat a side stream of gas. I have attached a schematic of the old and new fencelines. The purpose of the modification application is to combine the two existing discharge permits. The new discharge permit will cover operations over the entire facility. If you have specific questions about the old or new operations, I would be happy to answer those questions during our scheduled conference call.

Finally, you asked for a copy of the chain of custody record and the quality control analysis for the soil samples. I have attached copies of these for your information. The quality control analysis was not originally provided in the soil sample results. I had to request a copy from the lab.

I look forward to working with you in issuing the modified discharge plan for the Agave Dagger Draw Gas Processing Plant. We are scheduled for a conference call at 10:00 on Thursday, February 8, 2007 that will include myself, Lisa Norton of Yates Petroleum Corporation and Greg Jokela, Vice President of

	CY Reimbursement Project _____	Tax ___	064	01		2329	900000	2329134		1
	Gross Receipt Tax		064	01		2329	900000	2329134		2
	Air Quality Title V		092	13	1300	1696	900000	4169134		3
	PRP Prepayments		248	14	1400	9696	900000	4969014		4
	Climax Chemical Co.		248	14	1400	9696	900000	4969015		5
	Circle K Reimbursements		248	14	1400	9696	900000	4969248		6
	Hazardous Waste Permits		339	27	2700	1696	900000	4169027		7
	Hazardous Waste Annual Generator Fees		339	27	2700	1696	900000	4169339		8
	Water Quality - Oil Conservation Division		341	29		2329	900000	2329029	4100 00	10
	Water Quality - GW Discharge Permit		341	29	2900	1696	900000	4169029		11
	Air Quality Permits		631	31	2500	1696	900000	4169031		12
	Payments under Protest		651	33		2919	900000	2919033		13
	Xerox Copies		652	34		2349	900000	2349001		*14
	Ground Water Penalties		652	34		2349	900000	2349002		15
	Witness Fees		652	34		2349	900000	2349003		16
	Air Quality Penalties		652	34		2349	900000	2349004		17
	OSHA Penalties		652	34		2349	900000	2349005		18
	Prior Year Reimbursement		652	34		2349	900000	2349006		19
	Surface Water Quality Certification		652	34		2349	900000	2349009		20
	Jury Duty		652	34		2349	900000	2349012		21
	CY Reimbursements (i.e. telephone)		652	34		2349	900000	2349014		22
	UST Owner's List		783	24	2500	9696	900000	4969201		*23
	Hazardous Waste Notifiers List		783	24	2500	9696	900000	4969202		*24
	UST Maps		783	24	2500	9696	900000	4969203		*25
	UST Owner's Update		783	24	2500	9696	900000	4969205		*26
	Hazardous Waste Regulations		783	24	2500	9696	900000	4969207		*28
	Radiologic Tech. Regulations		783	24	2500	9696	900000	4969208		*29
	Superfund CERLIS List		783	24	2500	9696	900000	4969211		*30
	Solid Waste Permit Fees		783	24	2500	9696	900000	4969213		31
	Smoking School		783	24	2500	9696	900000	4969214		32
	SWQB - NPS Publications		783	24	2500	9696	900000	4969222		*33
	Radiation Licensing Regulation		783	24	2500	9696	900000	4969228		*34
	Sale of Equipment		783	24	2500	9696	900000	4969301		*35
	Sale of Automobile		783	24	2500	9696	900000	4969302		*36
	Lust Recoveries		783	24	2500	9696	900000	4969814		**37
	Lust Repayments		783	24	2500	9696	900000	4969815		**38
	Surface Water Publication		783	24	2500	9696	900000	4969801		39
	Exxon Reese Drive Ruidoso - CAF		783	24	2500	9696	900000	4969242		40
	Emerg. Hazardous Waste Penalties NOV		957	32	9600	1696	900000	4164032		41
	Radiologic Tech. Certification		987	05	0500	1696	900000	4169005		42
	Ust Permit Fees		989	20	3100	1696	900000	4169020		44
	UST Tank Installers Fees		989	20	3100	1696	900000	4169021		45
	Food Permit Fees		991	26	2600	1696	900000	4169026		46
	Other									43

TOTAL 4100 00

ss Receipt Tax Required

** Site Name & Project Code Required

act Person: Ed Martin Phone: 476-3492 Date: 4/21/06

ived in ASD By: _____ Date: _____ RT #: _____ ST # : _____

FSB025
Revised 07/07/00

KNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

owledge receipt of check No. [redacted] dated 4/13/06

received on _____ in the amount of $ 4100 00

from AGAVE Energy Company

for AGAVE Gas Plant GW-053

Submitted by: Lauralee Romero Date: 4/21/06

Submitted to ASD by: Lauralee Romero Date: 4/21/06

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal ✓

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment _____

Bank of America

32-2
1110

[redacted]

AGAVE ENERGY COMPANY
105 South Fourth Street
Artesia, New Mexico 88210
505-748-4555

DATE 4/13/2006 VENDOR NO. 941755

**********4,100DOLLARS***00CENTS

PAY TO THE ORDER OF:

WATER QUALITY MANAGEMENT FUND
C/O OIL CONSERVATION DIVISION
1220 S SAINT FRANCIS DRIVE
SANTA FE NM 87505

*******4,100.00

[redacted]

	Description	FUND	CES	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT	
									1
1	CY Reimbursement Project _____ Tax ___	064	01		2329	900000	2329134		2
5	Gross Receipt Tax	084	01		1696	900000	4169134		3
3	Air Quality Title V	092	13	1300	9696	900000	4989014		4
4	PRP Prepayments	248	14	1400	9696	900000	4989015		5
2	Climax Chemical Co.	248	14	1400	9696	900000	4989248		6
6	Circle K Reimbursements	248	14	1400	9696	900000	4989027		7
7	Hazardous Waste Permits	339	27	2700	1696	900000	4169339		8
8	Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169029	100 00	10
10	Water Quality - Oil Conservation Division	341	29		2329	900000	2329029		11
11	Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169029		12
12	Air Quality Permits	631	31	2500	1696	900000	4169031		13
13	Payments under Protest	651	33		2919	900000	2919033		*14
14	Xerox Copies	652	34		2349	900000	2349001		15
15	Ground Water Penalties	652	34		2349	900000	2349002		16
16	Witness Fees	652	34		2349	900000	2349003		17
17	Air Quality Penalties	652	34		2349	900000	2349004		18
18	OSHA Penalties	652	34		2349	900000	2349005		19
19	Prior Year Reimbursement	652	34		2349	900000	2349006		20
20	Surface Water Quality Certification	652	34		2349	900000	2349009		21
21	Jury Duty	652	34		2349	900000	2349012		22
22	CY Reimbursements (i.e. telephone)	652	34		2349	900000	2349014		*23
23	UST Owner's List	783	24	2500	9696	900000	4969201		*24
24	Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969202		*25
25	UST Maps	783	24	2500	9696	900000	4969203		*26
26	UST Owner's Update	783	24	2500	9696	900000	4969205		*28
28	Hazardous Waste Regulations	783	24	2500	9696	900000	4969207		*29
29	Radiologic Tech. Regulations	783	24	2500	9696	900000	4969208		*30
30	Superfund CERLIS List	783	24	2500	9696	900000	4969211		31
31	Solid Waste Permit Fees	783	24	2500	9696	900000	4969213		32
32	Smoking School	783	24	2500	9696	900000	4969214		*33
33	SWQB - NPS Publications	783	24	2500	9696	900000	4969222		*34
34	Radiation Licensing Regulation	783	24	2500	9696	900000	4969228		*35
35	Sale of Equipment	783	24	2500	9696	900000	4969301		*36
16	Sale of Automobile	783	24	2500	9696	900000	4969302		**37
37	Lust Recoveries	783	24	2500	9696	900000	4969614		**38
18	Lust Repayments	783	24	2500	9696	900000	4969615		39
19	Surface Water Publication	783	24	2500	9696	900000	4969801		40
0	Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4969242		41
1	Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032		42
2	Radiologic Tech. Certification	987	05	0500	1696	900000	4169005		44
4	Ust Permit Fees	989	20	3100	1696	900000	4169020		45
5	UST Tank Installers Fees	989	20	3100	1696	900000	4169021		46
6	Food Permit Fees	991	26	2600	1696	900000	4169026		43
3	Other								
							TOTAL	100 00	

Gross Receipt Tax Required

** Site Name & Project Code Required

Contact Person: Wayne Price Phone: 476-3490 Date: 8/15/06

Received in ASD By: _____ Date: _____ RT #: _____ ST #: _____

FSB025
Revised 07/07/00

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

[redacted] Date: 8/4/06

100.00

Agave Energy Company

GW-053

Received by: Lawrence Romero Date: 8/15/06

Submitted to ASD by: Lawrence Romero Date: 8/15/06

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2007

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

[redacted]

DATE 8/04/2006 VENDOR NO 94175J

**********100DOLLARS***00CENTS

PAY TO THE ORDER OF:

WATER QUALITY MANAGEMENT FUND
C/O OIL CONSERVATION DIVISION
1220 S SAINT FRANCIS DRIVE
SANTA FE NM 87505

********100.00

[redacted]

Bank of America

32-2
1110

AGAVE ENERGY COMPANY

[redacted]

105 South Fourth Street
Artesia, New Mexico 88210
505-748-4555

DATE 8/04/2006 VENDOR NO. 941753

**********100DOLLARS***00CENTS

PAY TO THE ORDER OF:

WATER QUALITY MANAGEMENT FUND
C/O OIL CONSERVATION DIVISION
1220 S SAINT FRANCIS DRIVE
SANTA FE NM 87505

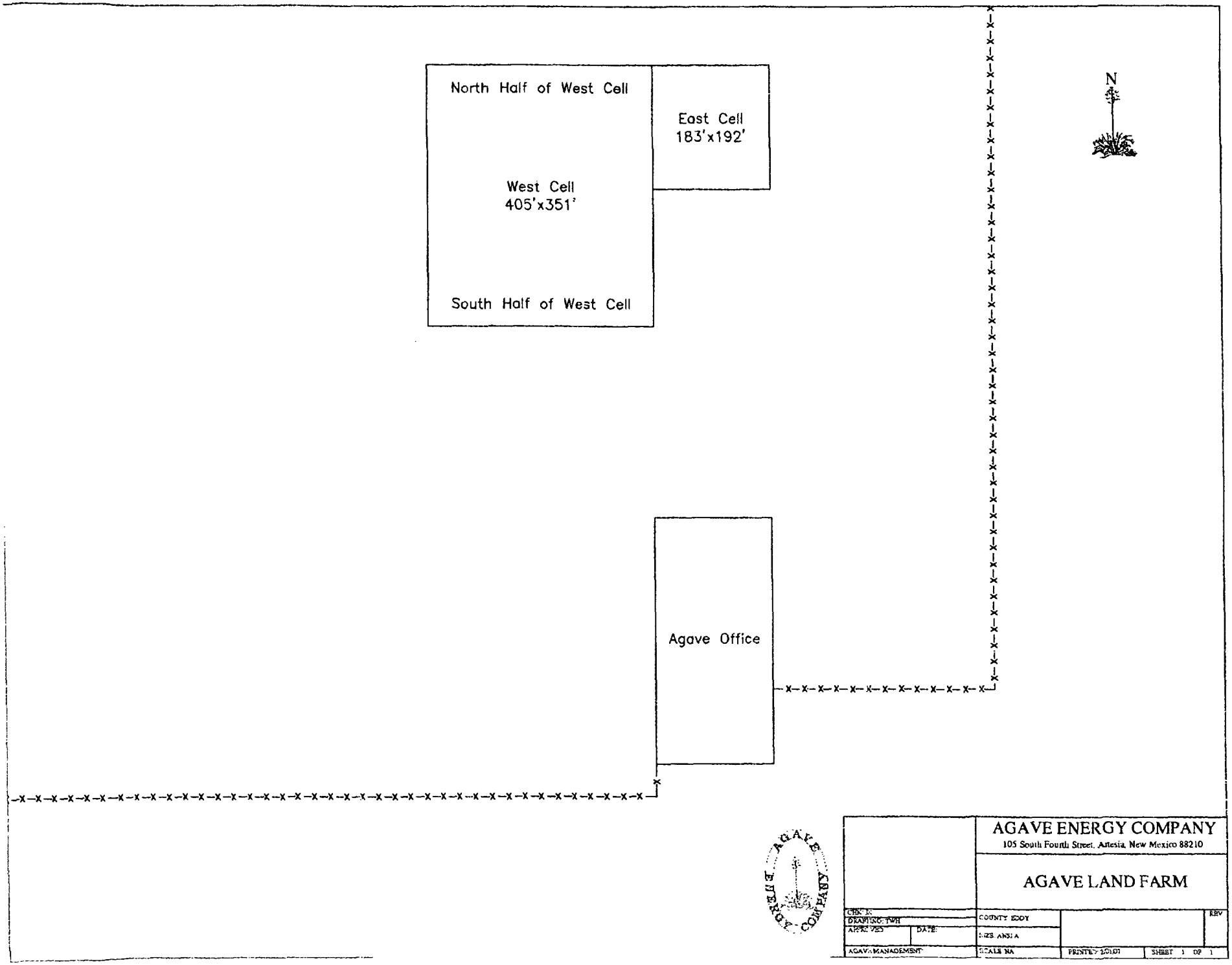
AMOUNT
********100.00

[redacted]

Pay to the Order of
NMED Water Quality
Management Fund

[redacted]

[redacted]



AGAVE ENERGY COMPANY

105 South Fourth Street, Artesia, New Mexico 88210

AGAVE LAND FARM

CHK'D:		COUNTY: EDDY	REV
DRAWING: TWH			
APPR'D:	DATE:	SIZE: ANSI A	
AGAVE MANAGEMENT		SCALE: NA	PRINTED: 2/01/07 SHEET 1 OF 1

ASSAIGAI ANALYTICAL LABORATORIES, INC.

Chain of Custody Record

Lab Job No.: 0604101 Date ______

Page 1 of 1

4301 Masthead N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

127 EASTGATE DRIVE, 212-C
LOS ALAMOS, NEW MEXICO 87544
(505) 662-2558

Client: Yates Petroleum Corporation
Address: 105 South 4th Street
City / State / Zip: Artesia, N.M. 88210
Project Name / Number: Agave Gas Plant Landfarm
Contract / Purchase Order / Quote: 103-7422

Project Manager / Contact: Mike Stubblefield
Telephone No.: 505-748-4500
Fax No.: 505-746-4635
Samplers: (signature) Mike Stubblefield

Analysis Required: No. of Containers; TCLP - Metals; TPH; BTEX; Chlorides

AALI Fraction Number	Field Sample Number / Location	Date	Time	Sample Type	Type / Size of Container	Preservation Temp.	Preservation Chemical	No. of Containers	TCLP - Metals	TPH	BTEX	Chlorides						Remarks
(01)	1. West Bio-Cel South half	4/18/06	11:00	comp.	4oz G		ice		√	√	√	√						
2	2. West Bio-Cel North half	4/18/06	11:15	comp			"		√	√	√	√						
3	3. East Bio-Cel	4/18/06	11:30	comp			"		√	√	√	√						

OFFICE USE ONLY

Relinquished by:	Date	Received by:	Relinquished by:	Date	Received by:
Signature: Mike Stubblefield	4/18/06	Signature:	Signature:	4/19/06	Signature: [signature]
Printed: Mike Stubblefield	Time	Printed:	Printed:	Time	Printed: ST
Company: Yates Petroleum Corporation	1:30 PM.	Company:	Company:	9:47	Company: AAL
Reason: Soil testing		Reason:	Reason:		Reason: analysis

Method of Shipment: Bus
Shipment No.
Special Instructions:

Comments: [illegible]

After analysis, samples are to be:
- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

CARRIER

Assalgai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 3050B/6010B ICP**
Batch: **M06464**
Matrix: ***SOLID***

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0001A** **M06464-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.21	7782-49-2	Selenium	6.30	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.21	7440-22-4	Silver	5.67	RPD	0 - 20	1	NA		05-05-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604401-0001A** **M06464-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.21	7440-38-2	Arsenic	127	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7440-39-3	Barium	1230	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7440-43-9	Cadmium	85.3	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7440-47-3	Chromium	120	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7439-92-1	Lead	40.0	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7782-49-2	Selenium	109	% Recovery	80 - 120	1	NA		05-05-06
MT.2006.836.21	7440-22-4	Silver	90.2	% Recovery	80 - 120	1	NA		05-05-06

MD: Matrix Duplicate **Lab Sample ID: 0604401-0001A** **M06464-006**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.22	7440-38-2	Arsenic	1.57	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7440-39-3	Barium	12.9	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7440-43-9	Cadmium	1.74	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7440-47-3	Chromium	5.03	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7439-92-1	Lead	26.9	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7782-49-2	Selenium	2.77	RPD	0 - 20	1	NA		05-05-06
MT.2006.836.22	7440-22-4	Silver	4.82	RPD	0 - 20	1	NA		05-05-06

SD: Serial Dilution **Lab Sample ID: 0604401-0001A** **M06464-007**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.836.23	7440-38-2	Arsenic	31.0	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7440-39-3	Barium	24.6	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7440-43-9	Cadmium	0.391	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7440-47-3	Chromium	10.3	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7439-92-1	Lead	5.03	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7782-49-2	Selenium	NA	RPD	0 - 20	5	NA		05-05-06
MT.2006.836.23	7440-22-4	Silver	8.60	RPD	0 - 20	5	NA		05-05-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 5035B/8260B Purgeable VOCs by GC/MS**
Batch: **V06203**
Matrix: ***SOLID***

MB: Method Blank **Lab Sample ID: N/A** **V06203-001**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.6	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg		1	0.01		04-25-06
XG.2006.565.6	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg		1	0.01		04-25-06
XG.2006.487.6	108-88-3	Toluene	ND	mg / Kg		1	0.005		04-25-06
XG.2006.565.6	108-88-3	Toluene	ND	mg / Kg		1	0.005		04-25-06

LCS: Lab Control Spike **Lab Sample ID: N/A** **V06203-002**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.7	71-43-2	Benzene	103	% Recovery	83 - 120	1	NA		04-25-06
XG.2006.565.7	71-43-2	Benzene	103	% Recovery	83 - 120	1	NA		04-25-06
XG.2006.487.7	100-41-4	Ethylbenzene	102	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.565.7	100-41-4	Ethylbenzene	102	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.487.7	95-47-6	o-Xylene	98.2	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.565.7	95-47-6	o-Xylene	98.2	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.487.7	108-38-3/106-42	p/m-Xylenes	99.6	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.565.7	108-38-3/106-42	p/m-Xylenes	99.6	% Recovery	78 - 126	1	NA		04-25-06
XG.2006.487.7	108-88-3	Toluene	102	% Recovery	77 - 123	1	NA		04-25-06
XG.2006.565.7	108-88-3	Toluene	102	% Recovery	77 - 123	1	NA		04-25-06

MS: Matrix Spike **Lab Sample ID: 0604401-0001A** **V06203-004**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
XG.2006.487.9	71-43-2	Benzene	98.2	% Recovery	83 - 120	10	NA		04-25-06
XG.2006.565.9	71-43-2	Benzene	98.2	% Recovery	83 - 120	10	NA		04-25-06
XG.2006.487.9	100-41-4	Ethylbenzene	96.3	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.9	100-41-4	Ethylbenzene	96.3	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.9	95-47-6	o-Xylene	94.1	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.9	95-47-6	o-Xylene	94.1	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.9	108-38-3/106-42	p/m-Xylenes	95.0	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.565.9	108-38-3/106-42	p/m-Xylenes	95.0	% Recovery	78 - 126	10	NA		04-25-06
XG.2006.487.9	108-88-3	Toluene	95.7	% Recovery	77 - 123	10	NA		04-25-06
XG.2006.565.9	108-88-3	Toluene	95.7	% Recovery	77 - 123	10	NA		04-25-06

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 7471B CVAA**
Batch: **M06463**
Matrix: ***SOLID***

LCS: Lab Control Spike **Lab Sample ID: N/A** **M06463-003**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.13	7439-97-6	Mercury	98.1	% Recovery	87 - 115	1	NA		05-03-06

MS: Matrix Spike **Lab Sample ID: 0604401-0001A** **M06463-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.15	7439-97-6	Mercury	89.9	% Recovery	87 - 115	1	NA		05-03-06

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0001A** **M06463-006**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.16	7439-97-6	Mercury	3.10	RPD	0 - 20	1	NA		05-03-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604401-0001A** **M06463-006**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.16	7439-97-6	Mercury	92.8	% Recovery	87 - 115	1	NA		05-03-06

MD: Matrix Duplicate **Lab Sample ID: 0604401-0001A** **M06463-007**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.17	7439-97-6	Mercury	21.5	RPD	0 - 20	1	NA		05-03-06

SD: Serial Dilution **Lab Sample ID: 0604401-0001A** **M06463-008**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
MT.2006.809.18	7439-97-6	Mercury	NA	RPD	0 - 20	5	NA		05-03-06

Assalgai Analytical Laboratories, Inc.

Quality Control Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Test: **SW846 9056 Anions by Ion Chromatography**
Batch: **W06318**
Matrix: ***SOLID***

LCS: Lab Control Spike **Lab Sample ID: N/A** **W06318-002**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.3	16887-00-6	Chloride	93.9	% Recovery	90 - 110	1	NA		04-27-06

MS: Matrix Spike **Lab Sample ID: 0604401-0001A** **W06318-004**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.5	16887-00-6	Chloride	96.0	% Recovery	90 - 110	50	NA		04-27-06

MSD: Matrix Spike Duplicate Precision **Lab Sample ID: 0604401-0001A** **W06318-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.6	16887-00-6	Chloride	0.151	RPD	0 - 20	50	NA		04-27-06

MSD: Matrix Spike Duplicate Accuracy **Lab Sample ID: 0604401-0001A** **W06318-005**

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
WC.2006.1056.6	16887-00-6	Chloride	96.4	% Recovery	90 - 110	50	NA		04-27-06

Assaigai Analytical Laboratories, Inc.

QC Surrogate Summary

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01**

Sample: ***LCS*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-002**	
XG.2006.526.4	460-00-4	4-Bromofluorobenzene	82.4	% Recovery	78 - 114	1		05-01-06
XG.2006.526.4	98-08-8	aaa-Trifluorotoluene	113	% Recovery	65 - 119	1		05-01-06
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-002**	
XG.2006.487.7	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	1		04-25-06
XG.2006.565.7	17060-07-0	1,2-Dichloroethane-D4	97.6	% Recovery	80 - 119	1		04-25-06
XG.2006.487.7	460-00-4	4-Bromofluorobenzene	97.2	% Recovery	89 - 110	1		04-25-06
XG.2006.565.7	460-00-4	4-Bromofluorobenzene	97.2	% Recovery	89 - 110	1		04-25-06
XG.2006.487.7	1868-53-7	Dibromofluoromethane	100	% Recovery	86 - 106	1		04-25-06
XG.2006.565.7	1868-53-7	Dibromofluoromethane	100	% Recovery	86 - 106	1		04-25-06
XG.2006.487.7	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	1		04-25-06
XG.2006.565.7	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	1		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-002**	
XG.2006.485.5	84-15-1	o-Terphenyl	119	% Recovery	62 - 134	1		04-25-06

Sample: ***MB*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-001**	
XG.2006.526.3	460-00-4	4-Bromofluorobenzene	79.0	% Recovery	78 - 114	1		05-01-06
XG.2006.526.3	98-08-8	aaa-Trifluorotoluene	117	% Recovery	65 - 119	1		05-01-06
V06203		**SW846 5035B/8260B Purgeable VOCs by GC/MS**					**V06203-001**	
XG.2006.487.6	17060-07-0	1,2-Dichloroethane-D4	96.4	% Recovery	80 - 119	1		04-25-06
XG.2006.565.6	17060-07-0	1,2-Dichloroethane-D4	96.4	% Recovery	80 - 119	1		04-25-06
XG.2006.487.6	460-00-4	4-Bromofluorobenzene	100	% Recovery	89 - 110	1		04-25-06
XG.2006.565.6	460-00-4	4-Bromofluorobenzene	100	% Recovery	89 - 110	1		04-25-06
XG.2006.487.6	1868-53-7	Dibromofluoromethane	98.0	% Recovery	86 - 106	1		04-25-06
XG.2006.565.6	1868-53-7	Dibromofluoromethane	98.0	% Recovery	86 - 106	1		04-25-06
XG.2006.487.6	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	1		04-25-06
XG.2006.565.6	2037-26-5	Toluene-D8	100	% Recovery	95 - 105	1		04-25-06
S06216		**SW846 8015B Diesel Range Organics by GC/FID**					**S06216-001**	
XG.2006.485.4	84-15-1	o-Terphenyl	109	% Recovery	62 - 134	1		04-25-06

Sample: ***MS*** Matrix: ***SOLID***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Code	Run Date
V06215		**SW846 5035B/8015B GRO by GC/FID**					**V06215-006**	
XG.2006.526.9	460-00-4	4-Bromofluorobenzene	97.8	% Recovery	78 - 114	1		05-01-06
XG.2006.526.9	98-08-8	aaa-Trifluorotoluene	113	% Recovery	65 - 119	1		05-01-06

Jones, Brad A., EMNRD

From: Price, Wayne, EMNRD
Sent: Tuesday, January 30, 2007 2:06 PM
To: Jones, Brad A., EMNRD
Subject: FW: Agave GW-053 and GW-185 modification

Please check into

Wayne Price
Environmental Bureau Chief
Oil Conservation Division
1220 S. Saint Francis
Santa Fe, NM 87505
505-476-3490
Fax: 505-476-3462

From: Jennifer Knowlton [mailto:jknowlton@YPCNM.COM]
Sent: Monday, December 04, 2006 2:09 PM
To: Price, Wayne, EMNRD
Cc: ehiser@jordenbischoff.com
Subject: FW: Agave GW-053 and GW-185 modification

Wayne,

In regards to your previous email about contacting me re the status of the application, this is the last email that I have. If you did in fact contact me via email with an update, please do do again.

Like I mentioned previously, Agave is anxious to close this application because it has been open for quite awhile.

Jennifer

Jennifer Knowlton
Environmental Engineer
Agave Energy Company
105 South Fourth Street
Artesia, New Mexico 88210
505.748.4471 Office
505.748-4275 Fax
505.238.3588 Cell

-----Original Message-----
From: Price, Wayne, EMNRD [mailto:wayne.price@state.nm.us]
Sent: Wednesday, July 26, 2006 1:52 PM
To: Jennifer Knowlton
Cc: Gum, Tim, EMNRD
Subject: Agave GW-053 and GW-185 modification

Dear Ms. Knowlton:

Price, Wayne, EMNRD

From: Price, Wayne, EMNRD
Sent: Wednesday, July 26, 2006 1:52 PM
To: 'jknowlton@ypcnm.com'
Cc: Gum, Tim, EMNRD
Subject: Agave GW-053 and GW-185 modification

Dear Ms. Knowlton:

OCD is in receipt of the GW-53 and GW-185 modification. Please note OCD considers this to be a major modification and will require Agave to submit a $100 filing fee before processing the application. Please make check payable to the Water Quality Management Fund.

AGAVE ENERGY COMPANY

105 South Fourth Street | Artesia, New Mexico 88210 | (505) 748-4555 | Fax (505) 748-4275

Via Certified Mail 7005 2570 6854 8521

2006 JUL 19 PM 1 56

July 17, 2006

Wayne Price
New Mexico OCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Agave Gas Plant
Discharge Permit GW-053 Modification

Dear Wayne:

Attached, please find an application to modify the Agave Gas Plant Discharge Permit. As of May 2005, Agave Energy Company has purchased the neighboring Duke Dagger Draw Gas Plant. These two facilities are neighboring and contiguous, sharing a common fenceline. Agave is in the process of modifying and consolidating the two facilities. This project also includes the installation of an acid gas injection system in lieu of a flare or SRU to dispose of the acid gas stream from the amine system. Agave has refurbished the cryogenic skids, removed two large gas fired compressor engines, and installed a new control system. Agave started moving gas through the modified facility in April 2006.

The Duke Dagger Draw Gas Plant was issued discharge permit GW-185. However, to the best of our knowledge, this facility has not operated since August 2003. This modification will merge the current discharge permits from the two facilities. The modification application also includes closure plans for the Agave Gas Plant Landfarm. This landfarm has not accepted any waste for approximately 18 months.

I look forward to working with you in issuing the modified discharge plan for the Agave Dagger Draw Gas Plant. If you have any questions regarding this application, please do not hesitate to contact me at 505-748-4471 or email me at jknowlton@ypcnm.com.

Sincerely,

Jennifer Knowlton

Jennifer Knowlton
Environmental Engineer

Cc: OCD District office

(corres 071706.doc)

OIL CONSERVATION DIVISION
DISCHARGE PLAN GW-053 MODIFICATION
AGAVE ENERGY COMPANY
AGAVE DAGGER DRAW GAS PLANT

July 17, 2006

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised June 10, 2003

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☐ Renewal ☒ Modification

1. Type: Gas Processing Plant

2. Operator: Agave Energy Company

   Address: 105 South Fourth Street Artesia NM 88210

   Contact Person: Jennifer Knowlton Phone: 505-748-4471

3. Location: SE/4 SE/4 Section 25 Township 18S Range 25E
   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.

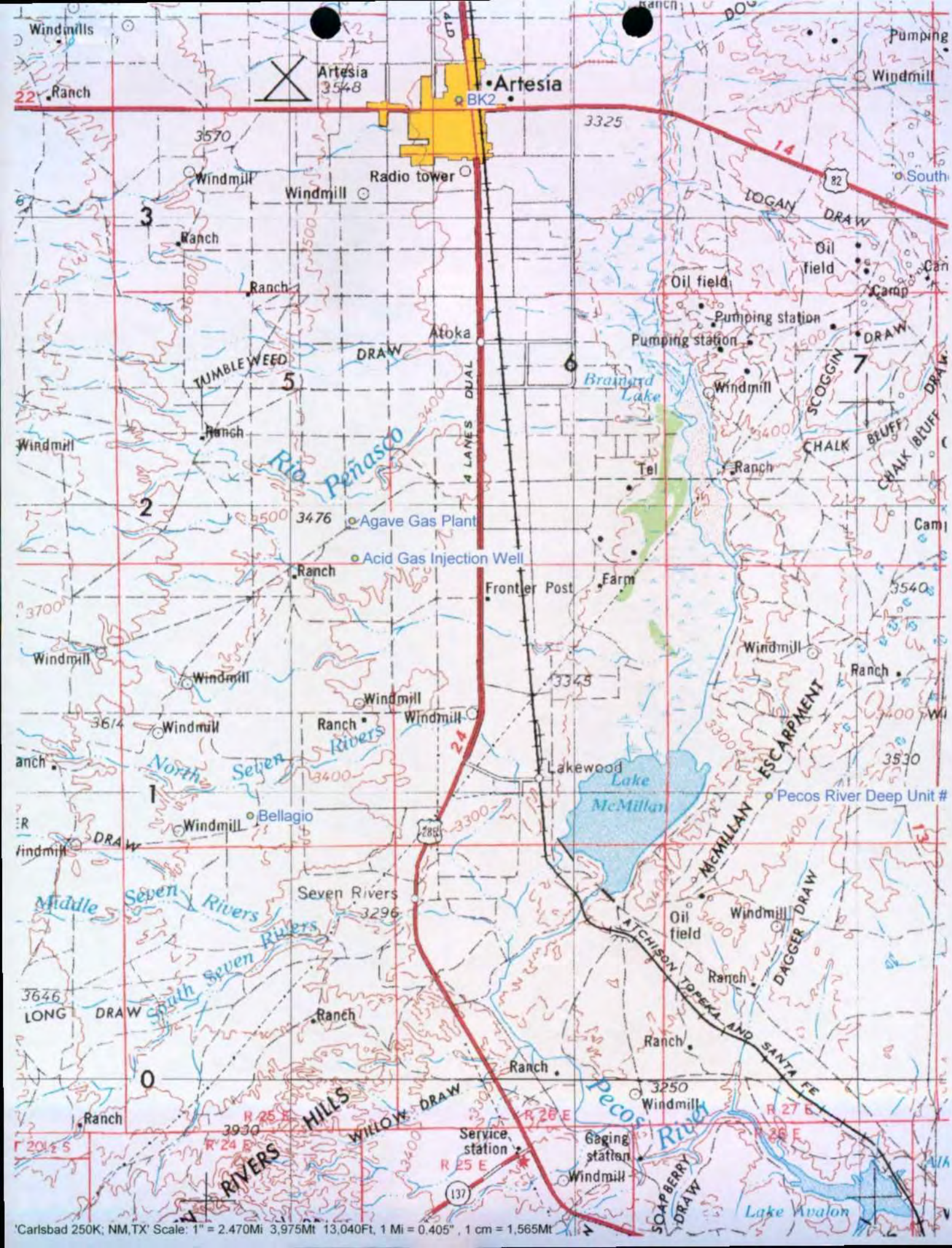
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATION: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

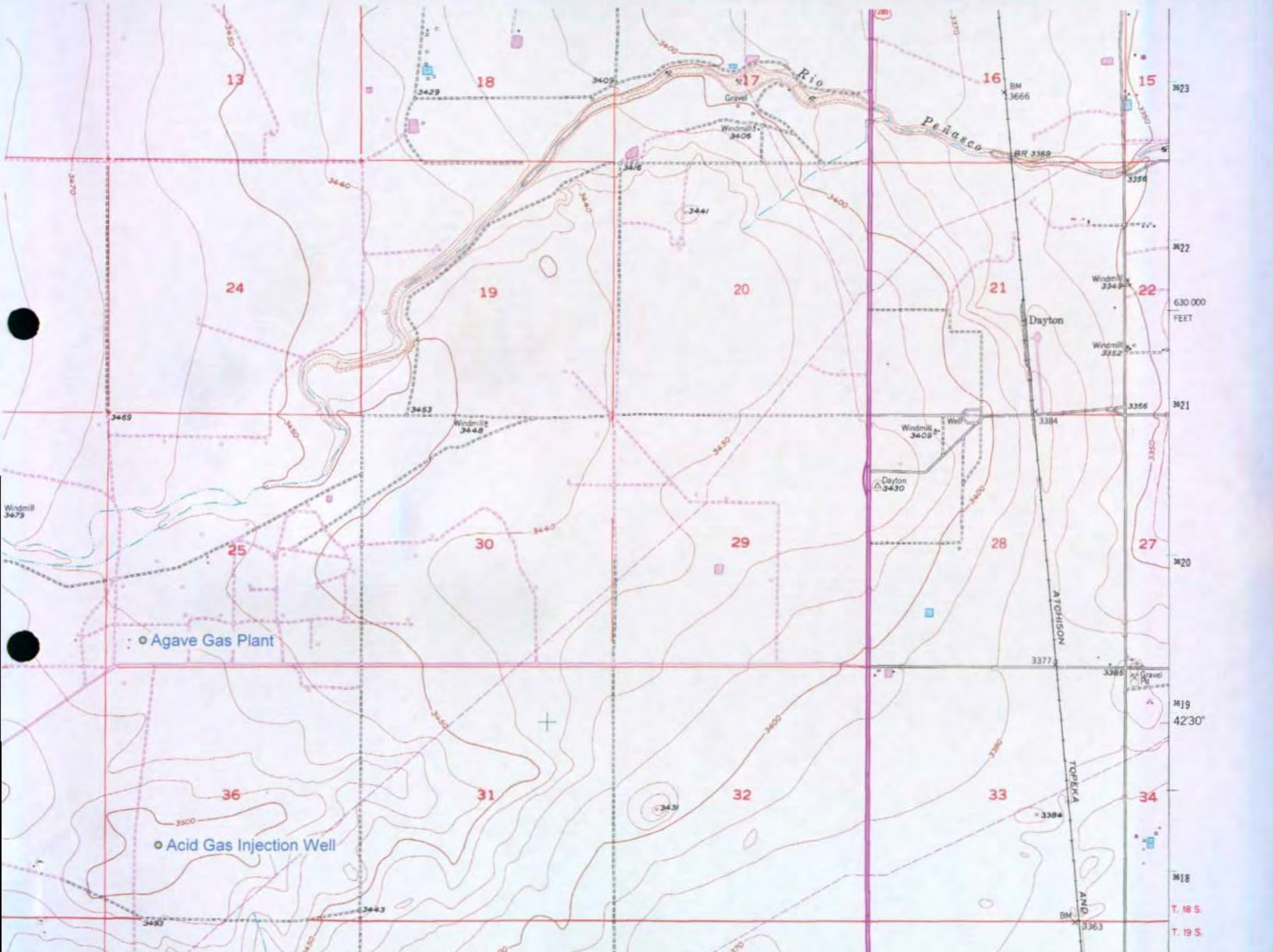
Name: Jennifer Knowlton Title: Environmental Engineer

Signature: Jennifer Knowlton Date: July 17, 2006

E-mail Address: jknowlton@ypcnm.com



'Carlsbad 250K; NM,TX' Scale: 1" = 2.470Mi 3,975Mt 13,040Ft, 1 Mi = 0.405" , 1 cm = 1,565Mt



Dayton; NM' Scale: 1" = 0.461Mi 742Mt 2,433Ft, 1 Mi = 2.170" , 1 cm = 292Mt

1. Type: Gas Processing Plant

2. Operator: Agave Energy Company
   Address: 105 South Fourth Street Artesia NM 88210
   Contact Person: Jennifer Knowlton
   Phone: 505-748-4471

3. Location: SE/4 SE/4
   Section 25
   Township 18S
   Range 25E

4. Landowner: Yates Petroleum Corporation
   105 South Fourth Street
   Artesia, New Mexico 88210

5. As of May 2005, Agave Energy Company purchased the neighboring Duke Dagger Draw Gas Plant. These two facilities are neighboring and contiguous, sharing a common fenceline. Agave made significant improvements to the Agave Dagger Draw Gas Plant as part of the refurbishment process. The gas is treated to remove acid gas components, dehydrated to remove water, and processed to remove heavy (liquid) hydrocarbons from the gas stream. Plant systems include amine units, glycol dehydration units, a hot oil system, a cryogenic system followed by recompression of the residue gas, and the acid gas injection system. A flare will be necessary in the event that the acid gas system fails. A diagram of the facility is attached.

6. Materials Stored or Used at Facility:
   1. Amine System – 4800 gallons of amine
   2. Glycol System – 1452 gallons of glycol
   3. Hot Oil System – 1000 gallons of oil
   4. Activated Carbon Filters – 880 pounds
   5. Molecular Sieve Material – 30,000 pounds
   6. Coolant – 1000 gallon tank, 500 gallon tank
   7. Lubricating Oil – 75 barrel tank, 500 gallon tank
   8. Methanol – 100 gallon horizontal tank
   9. Slop Tank – 150 barrel

7. Present Sources of Effluent and Waste Solids:
   1. Inlet separator – 5 to 50 BPD of produced water and condensate, RCRA exempt
   2. Inlet filter – <12 per year, RCRA exempt
   3. Amine contactor/system – 4800 gallons of amine, RCRA exempt
   4. Amine filters – <12 per year, RCRA exempt
   5. Triethylene glycol – 1452 gallons of glycol, RCRA exempt
   6. Glycol Filters – <12 per year, RCRA exempt
   7. Oil – 1000 gallons, RCRA non-exempt
   8. Engine lubricating oil – 180 gallons, RCRA non-exempt
   9. Engine oil filters – <8 per year, RCRA non-exempt
   10. Cryogenic skid filters – <25 per year, RCRA exempt

11. Molecular sieves – 30,000 pounds, RCRA exempt
12. Leach and septic system for office building

8. Current Liquid and Solid Waste Collection, Treatment and Disposal Procedures:

Waste lubrication and oil that may leak from the compressors is caught in an above ground cement lined containment system. From this system the waste oil is transferred to the sumps and to the slop tank. The amine, hot oil, and cryogenic plant systems are skid mounted. All of these skids have concrete containment areas that prevent any contaminates from discharging on to the ground. All washwater, along with any chemicals that may have leaked or spilled, are drained through a PVC drain system to the sump system. This sum system collects this material along with any rainwater that may fall into these contained areas to pumping to the slop tank. The slop tank is emptied via a tanker truck as necessary.

In the event of a spill within a containment not connected to the sump system, the spill is pumped out of the containment with a sump pump and disposed of according to the type of liquid. If the spill occurs on the ground, the soil is removed from site with the proper excavation equipment.

There is an earthen diked area which contains three small fiberglass storage tanks for oil and coolant. There is a second earthen diked area which contains a second lube oil tank. The amine storage tank and the glycol storage tank have concrete lined berms. The slop oil tank is contained in an earthen dike. All of the tank containment systems are designed to contain at least 133% of the volume of the tanks stored within the berm. There are two water tanks on site that are not bermed. These tanks contain freshwater for various activities including cleanup. If a spill were to occur from these tanks, there would be no adverse impact to the environment.

All filters and activated carbon are placed into containers onsite and transferred by Controlled Recovery, Inc to CRI's landfill in Halfway, New Mexico. Dust filters and cryogenic skid filters are allowed to dry out and then disposed of in dumpsters. If the amine, glycol, hot oil, or molecular sieve material needs to be replaced in whole, the material is disposed of properly.

9. Proposed Modifications to existing Collection, Treatment and Disposal Systems:

In May 2005, Agave Energy Company purchased the Duke Dagger Draw Gas Plant. This modification application will combine the Discharge Permit for the Agave Gas Plant (GW-053) and the Discharge Permit for the Duke Dagger Draw Gas Plant (GW-185) into a new Discharge Permit for the Agave Dagger Draw Gas Plant. Agave made significant changes to the operational of the gas plant; we did not modify the sump system or collection system the previously existed to the plant other than to replace the sump pumps if necessary.

Agave made no changes to the leach field and septic systems currently in operation at the facility.

10. Inspection and Maintenance Plan:
    a. Company personnel make daily inspections of the site. Malfunctions or breakdowns are noted and repaired.
    b. Any repair work that is needed is performed as required.
    c. A regular maintenance program is diligently carried out on all on-site equipment.

11. Plan for reporting and Cleanup of Spills or Releases:
    a. Standard company policy is to immediately secure the area to insure the safety of personnel and the public.
    b. Employees and contract personnel are dispatched to the spill area with necessary equipment and materials necessary to control and contain the spill and initiate clean-up program.
    c. Notification and any necessary follow-up reports will be made to the appropriate agencies (BLM, OCD, etc) pursuant to regulations.

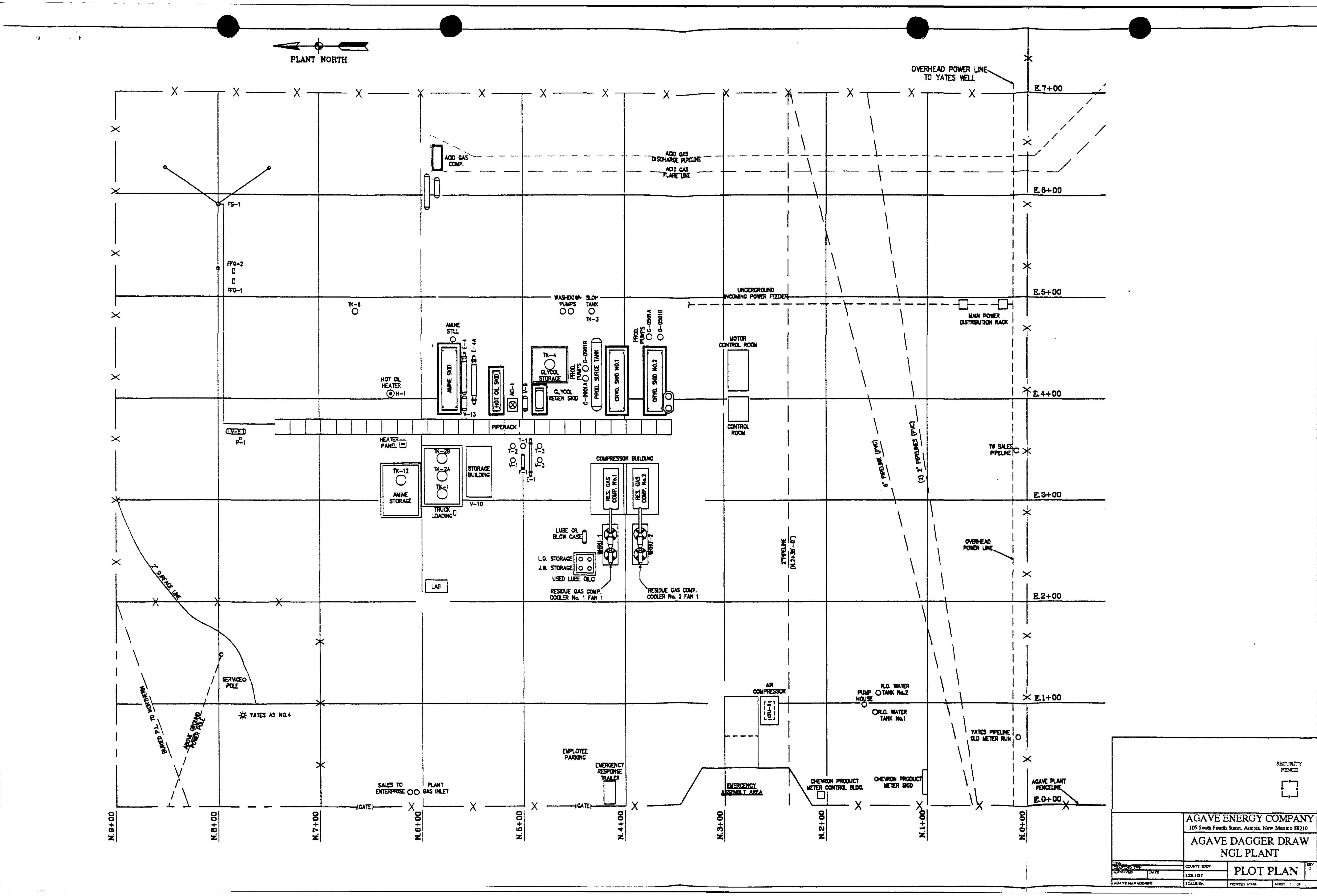
12. Geologic and Hydrological Information:

The facility is located in the plains southwest of Artesia in clay soil. The station is located within eight miles of the Pecos River and is subject to drainage to the east. The area is primarily rangeland consisting of prairie grass and mesquite. Non-potable surface waters are present at depths of approximately 200 feet.

13. Facility Closure Plan:

The Agave Gas Plant equipment is being decommissioned or integrated into the refurbished Agave Dagger Draw Gas Plant. The remaining equipment such as contact towers, glycol dehydration units, and tanks will likely stay onsite until such time as the equipment is needed at another site. The amine from the amine contactor has been removed and is being used at another facility. All other tanks are being emptied as needed.

Agave Energy Company will be closing the land farm located near the Artesia Field Office. No waste has been accepted at the facility in over a year. Soil samples were taken from each of the three areas in the land farm. Copies of the results of the soil samples are attached. Based on these results, Agave proposes the attached closure plan for the Agave Landfarm.



PLANT NORTH
OVERHEAD POWER LINE TO YATES WELL
E.7+00
E.6+00
E.5+00
E.4+00
E.3+00
E.2+00
E.1+00
E.0+00
N.9+00
N.8+00
N.7+00
N.6+00
N.5+00
N.4+00
N.3+00
N.2+00
N.1+00
N.0+00
ACID GAS COMP.
ACID GAS DISCHARGE PIPELINE
ACID GAS FLARE LINE
FS-1
FFG-2
FFG-1
TK-6
WASHDOWN PUMPS
SLOP TANK
TK-3
UNDERGROUND INCOMING POWER FEEDER
MAIN POWER DISTRIBUTION RACK
AMINE STILL
AMINE SKID
E-4
E-4A
V-13
HOT OIL SKID
AC-1
TK-4
GLYCOL STORAGE
GLYCOL REGEN SKID
PROD. PUMPS
G-0901A
G-0901B
PROD. SURGE TANK
CRYO. SKID NO.1
PROD. PUMPS
G-0501A
G-0501B
CRYO. SKID NO.2
MOTOR CONTROL ROOM
CONTROL ROOM
HOT OIL HEATER
H-1
PIPERACK
V-11
P-1
HEATER PANEL
TK-2B
TK-2A
TK-1
STORAGE BUILDING
TK-12
AMINE STORAGE
TRUCK LOADING
V-10
T-1
T-2
T-3
F-1
E-1
COMPRESSOR BUILDING
RES. GAS COMP. No.1
RES. GAS COMP. No.2
TW SALES PIPELINE
6" PIPELINE (PVC)
(2) 2" PIPELINES (PVC)
LUBE OIL BLOW CASE
L.O. STORAGE
J.W. STORAGE
USED LUBE OIL
WRU-1
WRU-2
RESIDUE GAS COMP. COOLER No. 1 FAN 1
RESIDUE GAS COMP. COOLER No. 2 FAN 1
2"PIPELINE (N.2+35-0")
OVERHEAD POWER LINE
LAB
2" SURFACE LINE
SERVICE POLE
BURIED P.L. TO NORTHERN
ABOVE GROUND POWER POLE
YATES AS NO.4
AIR COMPRESSOR
PUMP HOUSE
R.O. WATER TANK No.2
R.O. WATER TANK No.1
YATES PIPELINE OLD METER RUN
EMPLOYEE PARKING
EMERGENCY RESPONSE TRAILER
EMERGENCY ASSEMBLY AREA
CHEVRON PRODUCT METER CONTROL BLDG.
CHEVRON PRODUCT METER SKID
AGAVE PLANT FENCELINE
SALES TO ENTERPRISE
PLANT GAS INLET
GATE
GATE
SECURITY FENCE
AGAVE ENERGY COMPANY
105 South Fourth Street, Artesia, New Mexico 88210
AGAVE DAGGER DRAW
NGL PLANT
PLOT PLAN

Closure Plan

for the

Agave Dagger Draw Gas Plant Landfarm

Agave Energy Company
July 17, 2006

Closure Plan

The landfarm operates pursuant to Discharge Permit GW-053. Condition 22 of the Discharge Permit requires that the Closure Plan be in accordance with the statutes, rules, and regulations in effect at the time of closure. Currently, New Mexico Administrative Code 19.15.9.711 governs the operation of surface waste management facilities, including landfarms. Regarding closure, the regulation only requires that "[c]losure shall be in accordance with the approved closure plan." *See* 19.15.9.711(D)(1) NMAC. As a result, the regulation provides little guidance regarding closure of the landfarm. However, OCD's Environmental Handbook includes the Surface Waste Management Facility Guidelines (Tab 4a) that provides guidance on closure plans. Agave has prepared this closure plan in accordance with the Environmental Handbook's Guidance.

This Closure Plan represents final closure of the Agave landfarm and shall not be superseded by subsequent regulation.

Landfarm Background.

The landfarm is located at the Agave Gas Plant GW-053 located in the SE/4 SE/4 of Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico. The landfarm consists of three sections, the "west bio-cell south half," the "west bio-cell north half," and the "east bio-cell." Each section of the landfarm is independent and is thus considered separately. The dimensions of the three sections are as follows:

Cell	Dimensions (feet)	Area (acres)
west bio-cell south half	207 x 351	1.7
west bio-cell north half	405 x 351	3.3
east bio-cell	183 x 192	0.8

The landfarm is located within the fenced confines of Agave's Dagger Draw Gas Plant and is not accessible to the general public or animals. Access to the facility and thus the landfarm is controlled through a locked gate.

The landfarm does not pose a threat to groundwater. Located adjacent to the Agave's facility is Agave's Penasco Compressor Station. This facility has a well that, according to the New Mexico Office of the State Engineer, has a depth to groundwater of 200 feet. *See* N.M. Office of the State Engineer, POD Reports and Downloads, section 26, attached as Appendix A. As a result, the physical aspects of the landfarm demonstrate that it will not pose a threat to human health or the environment.

Specific aspects of the closure plan as required by the OCD Environmental Handbook are as follows.

1. **When the facility is to be closed no new material should be accepted.**

   Agave no longer accepts waste at the landfarm. Agave ceased accepting wastes for this landfarm approximately eighteen months prior to the submission of this closure plan.

2. Existing landfarm soils should be remediated until they meet the OCD standards in effect at the time of closure.

At the time of closure, OCD has not promulgated numeric soil closure standards for waste disposal facilities including landfarms of this type. *See* 19.15.9.711(D) NMAC. In addition, Discharge Permit number GW-053 does not impose numerical standards for closure. However, Agave has measured the soil concentrations of contaminants, including gasoline range organics (GRO), diesel range organics (DRO), chloride, benzene, toluene, ethylbenzene, o- and p/m-xylenes, and several heavy metals from each section of the landfarm. The results of this analysis are attached.

Agave notes that the analysis was unable to detect any benzene, toluene, ethylbenzene, o- and p/m-xylenes, mercury, or gasoline range organics in any of the sections.

The levels of those contaminants remaining in the landfarm are too nominal to present a threat. The New Mexico Environment Department and EPA each utilize "soil screening levels (SSLs)" to demarcate levels of contaminants in soil that require no further attention. *See* EPA, *Soil Screening Guidance: User's Guide* (2d ed. 1996); NMED, *Technical Background Document for Development of Soil Screening Levels: Revision 3.0*, 31 (Aug. 2005). NMED has calculated "Industrial/Occupational Soil" SSL's for commercial and industrial workers that are based on a worker who spends all or most of the work day outside and has extensive exposure to the contaminated soil. *See* NMED, *Technical Background Document for Development of Soil Screening Levels* at 13 (Attached as Appendix B). Because Agave has no workers that will be involved in extensive contact with these areas, the "Industrial/Occupational Soil" SSLs present a conservative level of protection. As can be seen by comparing the measured levels of metals in the soil with the NMED Industrial/Occupational Soil SSLs, the landfarm presents no threat. In addition, because the landfarm is within the fenced industrial facility, there is no threat of non-Agave employees coming into contact with the soil.

EPA has not developed SSLs for DRO or chloride. In this instance, Agave will use the landfarm area to store equipment. Thus, the area will not be revegetated. For this reason, the chloride presents no threat to vegetation. In addition, the chloride is not a threat to groundwater. As discussed, the depth to groundwater at this site is 200 feet. In addition, to determine a soil concentration that is protective of groundwater, EPA and NMED utilize a "dilution attenuation factor" or "DAF." EPA, *Soil Screening Guidance;* NMED, *Technical Background Document for Development of Soil Screening Levels*. The DAF allows a facility to calculate a site-specific SSL that takes into account how a contaminant's concentrations is attenuated by physical, chemical, and biological processes as it moves through the soil. NMED, *Technical Background Document for Development of Soil Screening Levels* at 31. A DAF is dependent upon the landfarm's area and physical soil characteristics. In general, DAF values are greater for small landfarms and thus small landfarms are less of a threat to groundwater. A table relating landfarm area to DAF is attached as Appendix C. The table, originally developed by EPA, is an excerpt from Wayne Price's Exhibit from the New Mexico Oil Conservation Division's hearing for the proposed

surface waste management facilities rulemaking. The area-weighted DAF value for each section of the landfarm is as follows:[1]

Section	Area (acres)	DAF
West bio-cell south half	1.7	33
West bio-cell north half	3.3	18
East bio-cell	0.8	60

The level of a contaminant that is not a threat to groundwater may be calculated by multiplying the WQCC groundwater standard by the DAF. In other words, if the concentration of the contaminant in the landfarm is less than the product of the WQCC standard and the DAF, the landfarm does not present a threat to groundwater. In this case, the WQCC chloride standard is 250 mg/kg. Thus, the level of chloride that is not a threat to groundwater in each section is 8250 mg/kg in the west bio-cell south half, 4500 in the West bio-cell north half, and 15,000 mg/kg in the east bio-cell. The actual soil chloride level in each section is well below these threshold levels.

In addition, the GRO and DRO levels in the landfarm do not require additional remediation for closure of the site. Agave has not accepted waste at the landfarm for approximately eighteen months. Since that time, however, Agave has continued to comply with the landfarm operating conditions of its discharge permit. That is, Agave has removed pooled water within twenty-four hours of discovery, has inspected the landfarm weekly, and has disked the soil a minimum of once every two weeks to enhance biodegradation of contaminants. The disking diminished the level of GRO and DRO in the landfarm to the point that an analysis using EPA method 8015B demonstrated GRO levels of essentially zero and DRO levels less than 3800 mg/kg. For this reason, the landfarm requires no additional remediation of GRO or DRO.

3. **Provide a facility closure plan detailing plans as necessary for removal of all fluids and/or wastes, back-filling, grading and mounding of pits, cleanup of contaminated soils, and if necessary, aquifer restoration.**

The landfarm does not contain any fluids that must be removed. As stated, the landfarm is located within the confines of the Agave Gas Plant. The equipment at the gas plant does not affect the landfarm. In fact, Agave plans on using this area to store equipment. For this reason, Agave will remove the landfarm berm and contour the landfarm area so it is suitable for storing equipment.

4. **The area should be reseeded with natural grasses and allowed to return to its natural state.**

Agave does not intend on re-vegetating the site because the site will be used to store equipment. Agave plans to treat the area with a weed inhibitor solution. This is usually applied as a safety precaution to all sites to control weed growth as part of our ongoing fire safety measures.

[1] An area-weighted DAF has not been calculated for each section's exact size. Agave used the DAF value for the next largest area. In choosing a larger landfarm area, Agave is calculating an overly protective value because DAF values are inversely related to landfarm area.

5. Closure shall be pursuant to all OCD requirements in effect at the time of closure, and any other applicable local, state and/or federal regulations.

This closure plan meets the applicable OCD requirements. There are no applicable federal or state regulations.

6. Cost estimate for Closure.

Agave anticipates that the cost of the dirt work will be approximately $15,000 to $20,000. This will include knocking down the existing berms and leveling the area to match the facility topography.

ASSAIGAI ANALYTICAL LABORATORIES, INC.
4301 Masthead NE, Ste. A • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

YATES PETROLEUM CORP.
attn: MIKE STUBBLEFIELD
105 S. 4TH STREET
ARTESIA NM 88210

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: YATES PETROLEUM CORP.
Project: AGAVE GAS PLANT LAND FARM
Order: 0604401 YAT01 Receipt: 04-19-06

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *1. WEST BIO-CEL SOUTH HALF* Collected: *04-18-06 11:00:00* By: *MS*
Matrix: *COMP*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0604401-0001A		SW846 3050B/6010B ICP					By: TGA			
M06464	MT.2006.836.19	7440-38-2	Arsenic	8.38	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.836.19	7440-39-3	Barium	264	mg/kg	1	0.15		05-03-06	05-05-06
M06464	MT.2006.836.19	7440-43-9	Cadmium	1.28	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.836.23	7440-47-3	Chromium	14.4	mg/kg	5	0.1		05-03-06	05-05-06
M06464	MT.2006.836.19	7439-92-1	Lead	8.93	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.836.19	7782-49-2	Selenium	3.56	mg/kg	1	0.5		05-03-06	05-05-06
M06464	MT.2006.836.19	7440-22-4	Silver	1.75	mg/kg	1	0.25		05-03-06	05-05-06
0604401-0001A		SW846 5035B/8015B GRO by GC/FID					By: EJB			
V06215	XG.2006.526.5		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-01-06	05-01-06
0604401-0001A		SW846 5035B/8260B Purgeable VOCs by GC/MS					By: TRS			
V06203	XG.2006.565.8	71-43-2	Benzene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
V06203	XG.2006.565.8	100-41-4	Ethylbenzene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
V06203	XG.2006.565.8	95-47-6	o-Xylene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
V06203	XG.2006.565.8	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	10	0.01		04-25-06	04-25-06
V06203	XG.2006.497.8	108-88-3	Toluene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
0604401-0001A		SW846 7471B CVAA					By: BAS			
M06463	MT.2006.809.14	7439-97-6	Mercury	ND	ug / Kg	1	20		05-03-06	05-03-06
0604401-0001A		SW846 8015B Diesel Range Organics by GC/FID					By: RLG			
S06216	XG.2006.499.4		Diesel Range Organics	260	mg / Kg	1	25		04-24-06	04-26-06
0604401-0001A		SW846 9056 Anions by Ion Chromatography					By: JTK			
W06318	WC.2006.1056.4	16887-00-6	Chloride	3550	mg / Kg	50	0.5		04-27-06	04-27-06

Report Date: 5/10/2006 5:32:38 PM

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **YATES PETROLEUM CORP.**
Project: **AGAVE GAS PLANT LAND FARM**
Order: **0604401 YAT01** Receipt: **04-19-06**

Sample: ***2. WEST BIO-CEL NORTH HALF*** Collected: *04-18-06 11:15:00* By: *MS*
Matrix: ***COMP***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0604401-0002A		**SW846 3050B/6010B ICP**						By: TGA		
M06464	MT.2006.836.28	7440-38-2	Arsenic	4.98	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.845.36	7440-39-3	Barium	486	mg/kg	100	0.15		05-03-06	05-09-06
M06464	MT.2006.836.28	7440-43-9	Cadmium	0.800	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.836.28	7440-47-3	Chromium	9.13	mg/kg	1	0.1		05-03-06	05-05-06
M06464	MT.2006.836.28	7439-92-1	Lead	4.18	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.836.28	7782-49-2	Selenium	2.64	mg/kg	1	0.5		05-03-06	05-05-06
M06464	MT.2006.836.28	7440-22-4	Silver	0.800	mg/kg	1	0.25		05-03-06	05-05-06
0604401-0002A		**SW846 5035B/8015B GRO by GC/FID**						By: EJB		
V06215	XG.2006.526.6		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-01-06	05-01-06
0604401-0002A		**SW846 5035B/8260B Purgeable VOCs by GC/MS**						By: TRS		
V06203	XG.2006.565.11	71-43-2	Benzene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
V06203	XG.2006.565.11	100-41-4	Ethylbenzene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
V06203	XG.2006.565.11	95-47-6	o-Xylene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
V06203	XG.2006.565.11	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	10	0.01		04-25-06	04-25-06
V06203	XG.2006.565.11	108-88-3	Toluene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
0604401-0002A		**SW846 7471B CVAA**						By: BAS		
M06463	MT.2006.809.22	7439-97-6	Mercury	ND	ug / Kg	1	20		05-03-06	05-03-06
0604401-0002A		**SW846 8015B Diesel Range Organics by GC/FID**						By: RLG		
S06216	XG.2006.485.20		Diesel Range Organics	2600	mg / Kg	10	25		04-24-06	04-26-06
0604401-0002A		**SW846 9056 Anions by Ion Chromatography**						By: JTK		
W06318	WC.2006.1056.7	16887-00-6	Chloride	1200	mg / Kg	50	0.5		04-27-06	04-27-06

Sample: ***3. EAST BIO-CEL*** Collected: *04-18-06 11:30:00* By: *MS*
Matrix: ***COMP***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0604401-0003A		**SW846 3050B/6010B ICP**						By: TGA		
M06464	MT.2006.836.30	7440-38-2	Arsenic	7.37	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.845.37	7440-39-3	Barium	209	mg/kg	50	0.15		05-03-06	05-09-06
M06464	MT.2006.836.30	7440-43-9	Cadmium	1.04	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.836.31	7440-47-3	Chromium	11.4	mg/kg	10	0.1		05-03-06	05-05-06
M06464	MT.2006.836.30	7439-92-1	Lead	7.58	mg/kg	1	0.25		05-03-06	05-05-06
M06464	MT.2006.836.30	7782-49-2	Selenium	2.26	mg/kg	1	0.5		05-03-06	05-05-06
M06464	MT.2006.836.30	7440-22-4	Silver	1.16	mg/kg	1	0.25		05-03-06	05-05-06
0604401-0003A		**SW846 5035B/8015B GRO by GC/FID**						By: EJB		
V06215	XG.2006.526.7		Gasoline Range Organics	ND	mg / Kg	1	0.55		05-01-06	05-01-06
0604401-0003A		**SW846 5035B/8260B Purgeable VOCs by GC/MS**						By: TRS		
V06203	XG.2006.565.12	71-43-2	Benzene	ND	mg / Kg	10	0.005		04-25-06	04-25-06

Report Date: 5/10/2006 5:32:38 PM

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **YATES PETROLEUM CORP.**

Project: **AGAVE GAS PLANT LAND FARM**

Order: **0604401** **YAT01** Receipt: **04-19-06**

Sample: ***3. EAST BIO-CEL*** Collected: *04-18-06 11:30:00* By: *MS*

Matrix: ***COMP***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0604401-0003A		**SW846 5035B/8260B Purgeable VOCs by GC/MS**						By: TRS		
V06203	XG.2006.565.12	100-41-4	Ethylbenzene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
V06203	XG.2006.565.12	95-47-6	o-Xylene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
V06203	XG.2006.565.12	108-38-3/106-42	p/m-Xylenes	ND	mg / Kg	10	0.01		04-25-06	04-25-06
V06203	XG.2006.565.12	108-88-3	Toluene	ND	mg / Kg	10	0.005		04-25-06	04-25-06
0604401-0003A		**SW846 7471B CVAA**						By: BAS		
M06463	MT.2006.809.23	7439-97-6	Mercury	ND	ug / Kg	1	20		05-03-06	05-03-06
0604401-0003A		**SW846 8015B Diesel Range Organics by GC/FID**						By: RLG		
S06216	XG.2006.485.21		Diesel Range Organics	3800	mg / Kg	10	25		04-24-06	04-26-06
0604401-0003A		**SW846 9056 Anions by Ion Chromatography**						By: JTK		
W06318	WC.2006.1056.8	16887-00-6	Chloride	735	mg / Kg	50	0.5		04-27-06	04-27-06

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

MEMO: Samples were received at 13.7 degrees Celsius.

Report Date: 5/10/2006 5:32:39 PM

Appendix A

New Mexico Office of the State Engineer
Depth to Groundwater

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 18S Range: 25E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

POD / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | iWATERS Menu | Help

AVERAGE DEPTH OF WATER REPORT 06/08/2006

							(Depth Water in Feet)		
Bsn	**Tws**	**Rng**	**Sec**	**Zone**	**X**	**Y**	**Wells**	**Min**	**Max**	**Avg**
RA	18S	25E	01				3	170	187	176
RA	18S	25E	02				1	175	175	175
RA	18S	25E	03				4	140	185	173
RA	18S	25E	04				2	155	155	155
RA	18S	25E	10				1	168	168	168
RA	18S	25E	12				1	200	200	200
RA	18S	25E	18				1	230	230	230
RA	18S	25E	21				2	150	220	185
RA	18S	25E	24				1	158	158	158
RA	18S	25E	26				1	200	200	200
RA	18S	25E	32				1	300	300	300
RA	18S	25E	36				1	270	270	270

Record Count: 19

Appendix B

New Mexico Environment Department
Technical Background Document for Development
of Soil Screening Levels

NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau
and
Ground Water Quality Bureau
Voluntary Remediation Program

TECHNICAL BACKGROUND DOCUMENT FOR DEVELOPMENT OF SOIL SCREENING LEVELS
REVISION 3.0

August 2005

Table A-1
NMED Soil Screening Levels

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	VOC	Tap Water (ug/L)	End-point	DAF 1 (mg/kg)	DAF 20 (mg/kg)
Acenaphthene	3.19E+01	sat	3.19E+01	sat	3.19E+01	sat	x	3.65E+02	nc	2.75E+00	5.49E+01
Acetaldehyde	3.39E+01	nc	1.23E+02	nc	1.11E+02	nc	x	1.72E+01	ca		
Acetone	1.26E+04	nc	5.30E+04	nc	4.26E+04	nc	x	5.48E+03	nc	9.55E-01	1.91E+01
Acrylonitrile	1.81E+00	ca	4.70E+00	ca	2.10E+01	nc	x	3.81E-01	ca	6.68E-05	1.34E-03
Acetophenone	1.48E+03	sat	1.48E+03	sat	1.48E+03	sat	x	3.65E+03	nc	8.86E-01	1.77E+01
Acrolein	6.51E-02	nc	2.37E-01	nc	2.13E-01	nc	x	4.16E-02	nc	8.55E-06	1.71E-04
Aldrin	2.84E-01	ca	1.12E+00	ca	6.99E+00	nc		3.87E-02	ca	1.42E-01	2.84E+00
Aluminum	7.78E+04	nc	1.00E+05	max	1.44E+04	nc		3.65E+04	nc	5.48E+04	1.10E+06
Anthracene	1.93E+00	sat	1.93E+00	sat	1.93E+00	sat	x	1.83E+03	nc	8.11E+01	1.62E+03
Antimony	3.13E+01	nc	4.54E+02	nc	1.24E+02	nc		1.46E+01	nc	6.61E-01	1.32E+01
Arsenic	3.90E+00	ca	1.77E+01	ca	8.52E+01	nc		4.42E-01	ca	1.46E-02	2.92E-01
Barium	5.45E+03	nc	7.83E+04	nc	1.44E+03	nc		2.56E+03	nc	1.06E+02	2.11E+03
Benzene	3.32E+00	ca	8.08E+00	ca	5.83E+01	nc	x	3.49E+00	ca	1.01E-03	2.02E-02
Benzidine	2.11E-02	ca	8.33E-02	ca	7.09E-01	ca		2.89E-03	ca	1.24E-05	2.47E-04
Benzo(a)anthracene	6.21E+00	ca	2.34E+01	ca	2.12E+02	ca		9.09E-01	ca	5.43E-01	1.09E+01
Benzo(a)pyrene	6.21E-01	ca	2.34E+00	ca	2.12E+01	ca		9.09E-02	ca		2.78E+00
Benzo(b)fluoranthene	6.21E+00	ca	2.34E+01	ca	2.12E+02	ca		9.09E-01	ca	1.68E+00	3.35E+01
Benzo(k)fluoranthene	6.21E+01	ca	2.34E+02	ca	2.12E+03	ca		9.09E+00	ca	1.68E+01	3.35E+02
Beryllium	1.56E+02	nc	2.25E+03	nc	5.62E+01	nc		7.30E+01	nc	5.77E+01	1.15E+03
a-BHC	9.02E-01	ca	3.99E+00	ca	3.00E+01	ca		1.05E-01	ca	2.13E-04	4.25E-03
b-BHC	3.16E+00	ca	1.40E+01	ca	5.39E+01	nc		3.69E-01	ca	7.61E-04	1.52E-02
g-BHC	4.37E+00	ca	1.93E+01	ca	8.09E+01	nc		5.10E-01	ca	9.08E-04	1.82E-02
1,1-Biphenyl	8.91E+01	sat	8.91E+01	sat	8.91E+01	sat	x	3.04E+02	nc	3.61E+00	7.22E+01
Bis(2-chloroethyl) ether	1.05E+00	ca	2.76E+00	ca	5.09E+01	ca	x	9.65E-02	ca	1.90E-05	3.80E-04
Bis(2-chloroisopropyl) ether	4.53E+02	sat	4.53E+02	sat	4.53E+02	sat	x	2.43E+02	nc	6.48E-02	1.30E+00
Bis(2-ethylhexyl) phthalate	3.47E+02	ca	1.37E+03	ca	4.66E+03	nc		4.74E+01	ca	1.07E+03	2.15E+04
Bis(chloromethyl) ether	1.64E-03	ca	4.05E-03	ca	8.55E-02	ca	x	5.09E-04	ca	8.96E-08	1.79E-06
Boron	1.22E+04	nc	1.00E+05	max	2.69E+04	nc		7.30E+03	nc	2.40E+01	4.81E+02
Bromobenzene	1.14E+01	nc	4.16E+01	nc	3.72E+01	nc	x	2.06E+01	nc	1.07E-02	2.15E-01
Bromodichloromethane	4.36E+00	ca	1.07E+01	ca	2.29E+02	ca	x	1.78E+00	ca	4.70E-04	9.41E-03
Bromomethane	2.73E+00	nc	1.01E+01	nc	8.95E+00	nc	x	8.66E+00	nc	1.88E-03	3.77E-02
1,3-Butadiene	3.04E-01	ca	7.27E-01	ca	1.40E+00	nc	x	1.26E+00	ca		

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	VOC	Tap Water (ug/L)	End-point	DAF 1 (mg/kg)	DAF 20 (mg/kg)
2-Butanone (MEK)	4.86E-03	sat	4.86E-03	sat	4.86E-03	sat	x	7.06E+03	nc	1.27E+00	2.54E+01
tert-Butyl methyl ether (MTBE)	6.67E-03	sat	6.67E-03	sat	6.67E-03	sat	x	6.26E+03	nc		
n-Butylbenzene	6.21E+01	sat	6.21E+01	sat	6.21E+01	sat	x	2.43E+02	nc	1.08E+00	2.16E+01
sec-Butylbenzene	6.06E+01	sat	6.06E+01	sat	6.06E+01	sat	x	2.43E+02	nc	8.68E-01	1.74E+01
tert-Butylbenzene	1.06E+02	sat	1.06E+02	sat	1.06E+02	sat	x	2.43E+02	nc	8.60E-01	1.72E+01
Cadmium	3.90E+01	nc	5.64E+02	nc	1.54E+02	nc		1.83E+01		1.37E+00	2.75E+01
Carbon disulfide	1.97E+02	nc	4.60E+02	sat	4.60E+02	sat	x	1.04E+03	nc	4.03E-01	8.06E+00
Carbon tetrachloride	9.65E-01	nc	2.69E+00	ca	3.16E+00	nc	x	1.69E+00	ca	9.88E-04	1.98E-02
Chlordane	1.62E+01	ca	7.19E+01	ca	1.30E+02	nc		1.90E+00	ca	3.42E-01	6.83E+00
2-Chloroacetophenone	1.35E-02	nc	4.97E-02	nc	4.42E-02	nc	x	5.22E-02	nc	4.43E-05	8.85E-04
2-Chloro-1,3-butadiene	1.93E+00	nc	7.00E+00	nc	6.29E+00	nc	x	1.43E+01	nc	5.79E-03	1.16E-01
1-Chloro-1,1-difluoroethane	2.11E+02	sat	2.11E+02	sat	2.11E+02	sat	x	8.66E+04	nc	6.52E+01	1.30E+03
Chlorobenzene	6.44E+01	nc	2.41E+02	nc	2.12E+02	nc	x	1.06E+02	nc	5.51E-02	1.10E+00
1-Chlorobutane	2.99E+02	sat	2.99E+02	sat	2.99E+02	sat	x	2.43E+03	nc	9.84E-01	1.97E+01
Chlorodifluoromethane	2.11E+02	sat	2.11E+02	sat	2.11E+02	sat	x	9.75E+04	nc	7.33E+01	1.47E+03
Chloroethane	1.96E+01	ca	4.71E+01	ca	1.05E+03	ca	x	3.81E+01	ca	9.53E-03	1.91E-01
Chloroform	1.21E+00	ca	2.90E+00	ca	6.53E+01	ca	x	1.65E+00	ca	4.14E-04	8.28E-03
Chloromethane	6.83E+00	ca	1.65E+01	ca	8.63E+01	nc	x	1.49E+01	ca	5.12E-03	1.02E-01
b-Chloronaphthalene	3.09E+01	sat	3.09E+01	sat	3.09E+01	sat	x	4.87E+02	nc	1.25E+00	2.51E+01
o-Chloronitrobenzene	6.72E-01	nc	2.46E+00	nc	2.20E+00	nc	x	1.45E-01	nc	3.94E-05	7.88E-04
p-Chloronitrobenzene	5.37E+00	nc	2.05E+01	nc	1.78E+01	nc	x	1.20E+00	nc	3.25E-04	6.50E-03
2-Chlorophenol	7.25E+01	nc	3.06E+02	nc	2.45E+02	nc	x	3.04E+01	nc	2.36E-02	4.72E-01
2-Chloropropane	9.39E+01	nc	3.52E+02	nc	3.09E+02	nc	x	1.76E+02	nc	4.61E-02	9.21E-01
o-Chlorotoluene	7.15E+01	nc	2.02E+02	sat	2.02E+02	sat	x	1.22E+02	nc	5.23E-02	1.05E+00
Chromium III	1.00E+05	max	1.00E+05	max	1.00E+05	max		5.48E+04	nc	9.86E+07	1.97E+09
Chromium VI	2.34E+02	nc	3.40E+03	nc	2.61E+01	ca		1.10E+02	nc	2.10E+00	4.20E+01
Chrysene	9.55E-01	sat	9.55E-01	sat	9.55E-01	sat	x	2.91E+01	ca	1.74E+01	3.48E+02
Cobalt	1.52E+03	nc	2.05E+04	nc	6.10E+01	nc		7.30E+02	nc	3.31E+01	6.61E+02
Copper	3.13E+03	nc	4.54E+04	nc	1.24E+04	nc		1.46E+03	nc	5.15E+01	1.03E+03
Crotonaldehyde	3.37E+00	ca	1.67E+01	ca	5.27E+01	sat	x	3.49E-01	ca	9.20E-04	1.84E-02
Cumene (isopropylbenzene)	3.41E+01	sat	3.41E+01	sat	3.41E+01	sat	x	6.78E+02	nc	3.79E-01	7.59E+00
Cyanide	1.56E+03	nc	2.27E+04	nc	6.19E+03	nc		7.30E+02	nc	7.35E+00	1.47E+02
Cyanogen	7.68E+01	nc	2.84E+02	nc	2.52E+02	nc	x	2.43E+02	nc	5.78E-02	1.16E+00

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	VOC	Tap Water (ug/L)	End-point	DAF 1 (mg/kg)	DAF 20 (mg/kg)
Cyanogen bromide	1.73E+02	nc	6.39E+02	nc	5.67E+02	nc	x	5.48E+02	nc	1.30E-01	2.60E+00
Cyanogen chloride	9.60E+01	nc	3.55E+02	nc	3.15E+02	nc	x	3.04E+02	nc	7.22E-02	1.44E+00
DDD	2.44E+01	ca	1.11E+02	ca	8.07E+02	ca		2.77E+00	ca	4.15E+00	8.30E+01
DDE	1.72E+01	ca	7.81E+01	ca	5.70E+02	ca		1.95E+00	ca	1.31E+01	2.62E+02
DDT	1.72E+01	ca	7.81E+01	ca	1.38E+02	nc		1.95E+00	ca	7.70E+00	1.54E+02
Dibenz(a,h)anthracene	6.21E-01	ca	2.34E+00	ca	2.12E+01	ca		9.09E-02	ca	5.18E-01	1.04E+01
Dibenzofuran	3.66E+01	sat	3.66E+01	sat	3.66E+01	sat	x	1.22E+01	nc	1.44E-01	2.87E+00
1,2-Dibromo-3-chloropropane	1.03E+00	nc	4.52E+00	nc	3.51E+00	nc	x	3.47E-01	nc	7.49E-05	1.50E-03
Dibromochloromethane	4.42E+00	ca	1.09E+01	ca	2.30E+02	ca	x	1.32E+00	ca	1.16E-03	2.32E-02
1,2-Dibromoethane	1.82E-01	ca	4.49E-01	ca	9.49E+00	ca	x	5.53E-02	ca	1.33E-05	2.66E-04
1,4-Dichloro-2-butene	4.29E-02	ca	1.06E-01	ca	2.23E+00	ca	x	1.19E-02	ca	2.93E-06	5.87E-05
1,2-Dichlorobenzene	4.30E+01	sat	4.30E+01	sat	4.30E+01	sat	x	3.70E+02	nc	1.02E-01	2.04E+00
1,3-Dichlorobenzene	1.74E+02	sat	1.74E+02	sat	1.74E+02	sat	x	1.83E+02	nc	2.03E-01	4.06E+00
1,4-Dichlorobenzene	1.33E+01	ca	3.28E+01	ca	8.19E+01	sat	x	4.95E+00	ca	5.49E-03	1.10E-01
3,3-Dichlorobenzidine	1.08E+01	ca	4.26E+01	ca	3.63E+02	ca		1.47E+00	ca	1.86E-03	3.71E-02
Dichlorodifluoromethane	4.95E+01	nc	1.80E+02	nc	1.62E+02	nc	x	3.95E+02	nc	2.97E-01	5.94E+00
1,1-Dichloroethane	3.00E+02	nc	1.12E+03	nc	9.88E+02	nc	x	8.11E+02	nc	2.01E-01	4.03E+00
1,2-Dichloroethane	1.82E+00	ca	4.42E+00	ca	1.83E+01	nc	x	1.22E+00	ca	2.48E-04	4.97E-03
cis-1,2-Dichloroethene	2.49E+01	nc	9.24E+01	nc	8.17E+01	nc	x	6.08E+01	nc	1.50E-02	3.00E-01
trans-1,2-Dichloroethene	3.71E+01	nc	1.37E+02	nc	1.22E+02	nc	x	1.22E+02	nc	3.63E-02	7.26E-01
1,1-Dichloroethene	6.41E+01	nc	2.36E+02	nc	2.10E+02	nc	x	3.39E+02	nc	1.33E-01	2.67E+00
2,4-Dichlorophenol	1.83E+02	nc	2.05E+03	nc	6.99E+02	nc		1.10E+02	nc	4.31E-02	8.63E-01
1,2-Dichloropropane	1.90E+00	ca	4.60E+00	ca	1.08E+01	nc	x	1.63E+00	ca	4.11E-04	8.22E-03
1,3-Dichloropropene	4.36E+00	ca	1.08E+01	ca	2.87E+01	nc	x	3.90E+00	ca	1.28E-03	2.57E-02
Dicyclopentadiene	1.98E-01	nc	7.19E-01	nc	6.47E-01	nc	x	4.17E-01	nc	4.50E-04	9.01E-03
Dieldrin	3.04E-01	ca	1.20E+00	ca	1.02E+01	ca		4.15E-02	ca	1.34E-03	2.68E-02
Diethyl phthalate	4.89E+04	nc	1.00E+05	max	1.00E+05	max		2.92E+04	nc	1.77E+01	3.54E+02
Dimethyl phthalate	1.00E+05	max	1.00E+05	max	1.00E+05	max		3.65E+05	nc	8.36E+01	1.67E+03
Di-n-butyl phthalate	6.11E+03	nc	6.84E+04	nc	2.33E+04	nc		3.65E+03	nc	1.86E+02	3.72E+03
2,4-Dimethylphenol	1.22E+03	nc	1.37E+04	nc	4.66E+03	nc		7.30E+02	nc	3.55E-01	7.11E+00
2,4-Dimethylphenol	6.11E+00	nc	6.84E+01	nc	2.33E+01	nc		3.65E+00	nc	3.93E-03	7.85E-02
4,6-Dinitro-o-cresol	1.22E+02	nc	1.37E+03	nc	4.66E+02	nc		7.30E+01	nc	5.25E-02	1.05E+00

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	VOC	Tap Water (ug/L)	End-point	DAF 1 (mg/kg)	DAF 20 (mg/kg)
2,4-Dinitrotoluene	1.22E+02	nc	1.37E+03	nc	4.66E+02	nc		7.30E+01	nc	2.31E-02	4.62E-01
1,2-Diphenylhydrazine	6.08E+00	ca	2.39E+01	ca	2.04E+02	ca		8.30E-01	ca	4.48E-03	8.95E-02
Endosulfan	3.67E+02	nc	4.10E+03	nc	1.40E+03	nc		2.19E+02	nc	7.41E-01	1.48E+01
Endrin	1.83E+01	nc	2.05E+02	nc	6.99E+01	nc		1.10E+01	nc	2.04E-01	4.08E+00
Epichlorohydrin	6.13E+00	nc	2.29E+01	nc	2.02E+01	nc	x	2.03E+00	nc	3.62E-04	7.25E-03
Ethyl acetate	1.09E+04	nc	2.10E+04	sat	2.10E+04	sat	x	5.48E+03	nc	1.44E+00	2.87E+01
Ethyl acrylate	8.61E-01	ca	2.07E+00	ca	4.62E+01	ca	x	2.30E+00	ca	6.01E-03	1.20E-01
Ethyl chloride	1.96E+01	ca	4.71E+01	ca	1.05E+03	ca	x	3.81E+01	ca	9.53E-03	1.91E-01
Ethyl ether	1.94E+03	sat	1.94E+03	sat	1.94E+03	sat	x	1.22E+03	nc	2.37E-01	4.73E+00
Ethyl methacrylate	5.27E+01	sat	5.27E+01	sat	5.27E+01	sat	x	5.48E+02	nc	1.44E+00	2.88E+01
Ethylbenzene	1.28E+02	sat	1.28E+02	sat	1.28E+02	sat	x	1.34E+03	nc	1.01E+00	2.03E+01
Ethylene oxide	1.18E+00	ca	3.13E+00	ca	5.74E+01	ca	x	2.41E-01	ca	4.27E-05	8.54E-04
Fluoranthene	2.29E+03	nc	2.44E+04	nc	8.73E+03	nc		1.46E+03	nc	2.35E+02	4.69E+03
Fluorene	3.97E+01	sat	3.97E+01	sat	3.97E+01	sat	x	2.43E+02	nc	5.08E+00	1.02E+02
Fluoride	4.68E+03	nc	6.77E+04	nc	1.85E+04	nc		2.19E+03	nc	3.29E+02	6.58E+03
Furan	1.76E+00	nc	6.51E+00	nc	5.78E+00	nc	x	6.08E+00	nc	1.32E-03	2.65E-02
Heptachlor	1.08E+00	ca	4.26E+00	ca	3.63E+01	ca		1.47E-01	ca	3.12E-01	6.24E+00
Hexachlorobenzene	3.04E+00	ca	1.20E+01	ca	1.02E+02	ca		4.15E-01	ca	3.43E-02	6.86E-01
Hexachloro-1,3-butadiene	1.22E+01	nc	1.37E+02	nc	4.66E+01	nc		7.30E+00	nc	5.90E-01	1.18E+01
Hexachlorocyclopentadiene	3.66E+02	nc	4.10E+03	nc	4.31E+02	nc		2.19E+02	nc	6.58E+01	1.32E+03
Hexachloroethane	6.11E+01	nc	6.84E+02	nc	2.33E+02	nc		3.65E+01	nc	1.04E-01	2.09E+00
n-Hexane	3.80E+01	sat	3.80E+01	sat	3.80E+01	sat	x	4.16E+02	nc	8.78E-01	1.76E+01
HMX	3.06E+03	nc	3.42E+04	nc	1.17E+04	nc		1.83E+03	nc	5.39E+00	1.08E+02
Hydrogen cyanide	7.05E+00	nc	2.57E+01	nc	2.30E+01	nc	x	6.20E+00	nc	1.24E-03	2.47E-02
Indeno(1,2,3-c,d)pyrene	6.21E+00	ca	2.34E+01	ca	2.12E+02	ca		9.09E-01	ca	4.73E+00	9.46E+01
Iron	2.35E+04	nc	1.00E+05	max	9.29E+04	nc		1.10E+04	nc	2.77E+02	5.54E+03
Isobutanol	8.44E+03	nc	2.26E+04	sat	2.26E+04	sat	x	1.83E+03	nc	4.86E-01	9.72E+00
Isophorone	5.12E+03	ca	2.02E+04	ca	4.66E+04	nc		6.99E+02	ca	1.70E-01	3.40E+00
Lead	4.00E+02	IEUBK	8.00E+02	IEUBK	8.00E+02	IEUBK					
Lead (tetraethyl-)	6.11E-03	nc	6.84E-02	nc	2.38E-02	nc		3.65E-03	nc	6.33E-07	1.27E-05
Maleic hydrazide	9.30E+02	nc	1.61E+03	sat	1.61E+03	sat	x	3.04E+03	nc	8.17E-01	1.63E+01
Manganese	1.02E+04	nc	1.00E+05	max	1.51E+02	nc		5.11E+03	nc	3.34E+02	6.67E+03

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	VOC	Tap Water (ug/L)	End-point	DAF 1 (mg/kg)	DAF 20 (mg/kg)
Mercury (elemental)	1.00E+05	max	1.00E+05	max	9.27E+02	nc			ca	1.05E-01	2.09E-03
Mercury (methyl)	6.11E+00	nc	6.84E+01	nc	2.38E+01	nc		3.65E+00	nc	8.37E-04	1.67E-02
Methacrylonitrile	1.83E+00	nc	8.08E+00	nc	6.25E+00	nc	x	1.04E+00	nc	1.83E-04	3.65E-03
Methomyl	2.65E+01	nc	9.72E+01	nc	8.68E+01	nc	x	1.52E+02	nc	5.90E-02	1.18E+00
Methyl acetate	1.94E+04	nc	8.64E+04	nc	6.62E+04	nc	x	6.08E+03	nc	1.08E+00	2.15E+01
Methyl acrylate	2.91E+01	nc	1.06E+02	nc	9.51E+01	nc	x	1.83E+02	nc	4.76E-01	9.52E+00
Methyl isobutyl ketone	4.36E+03	nc	7.01E+03	sat	7.01E+03	sat	x	1.99E+03	nc	7.35E-01	1.47E+01
Methyl methacrylate	1.52E+03	nc	2.92E+03	sat	2.92E+03	sat	x	1.42E+03	nc	2.76E-01	5.52E+00
Methyl styrene (alpha)	2.17E+02	sat	2.17E+02	sat	2.17E+02	sat	x	4.26E+02	nc	3.09E-01	6.17E+00
Methyl styrene (mixture)	5.30E+01	nc	2.10E+02	nc	1.77E+02	nc	x	5.48E+01	nc	3.97E-02	7.93E-01
Methylcyclohexane	7.89E+01	sat	7.89E+01	sat	7.89E+01	sat	x	5.23E+03	nc	2.95E+01	5.89E+02
Methylene bromide	4.22E+01	nc	1.60E+02	nc	1.39E+02	nc	x	6.08E+01	nc	1.31E-02	2.62E-01
Methylene chloride	6.47E+01	ca	1.61E+02	ca	2.63E+03	sat	x	4.22E+01	ca	8.53E-03	1.71E-01
Molybdenum	3.91E+02	nc	5.68E+03	nc	1.55E+03	nc		1.83E+02	nc	3.70E+00	7.41E+01
Naphthalene	2.52E+01	nc	9.25E+01	nc	8.25E+01	nc	x	6.20E+00	nc	1.97E-02	3.94E-01
Nickel	1.56E+03	nc	2.25E+04	nc	5.61E+02	nc		7.30E+02	nc	4.77E+01	9.53E+02
Nitrate	1.00E+05	max	1.00E+05	max	1.00E+05	max		5.84E+04	nc	1.71E+01	3.43E+02
Nitrite	7.82E+03	nc	1.00E+05	max	3.10E+04	nc		3.65E+03	nc	7.63E-01	1.53E+01
Nitrobenzene	1.29E+01	nc	6.24E+01	nc	4.48E+01	nc	x	3.40E+00	nc	9.18E-04	1.84E-02
Nitroglycerin	3.47E+02	ca	1.37E+03	ca	1.17E+04	ca		4.74E+01	ca	2.81E-02	5.63E-01
N-Nitrosodiethylamine	3.24E-02	ca	1.28E-01	ca	1.09E+00	ca		4.42E-03	ca	8.73E-06	1.75E-04
N-Nitrosodimethylamine	9.54E-02	ca	3.76E-01	ca	1.86E+00	nc		1.30E-02	ca	1.22E-05	2.44E-04
N-Nitrosodi-n-butylamine	1.99E-01	ca	5.23E-01	ca	9.53E+00	ca	x	1.99E-02	ca	5.27E-05	1.05E-03
N-Nitrosodiphenylamine	7.40E+01	sat	7.40E+01	sat	7.40E+01	sat		1.35E+02	ca	2.86E-01	5.71E+00
N-Nitrosopyrrolidine	2.32E+00	ca	9.12E+00	ca	7.77E+01	ca		3.16E-01	ca	1.30E-04	2.60E-03
m-Nitrotoluene	4.73E+02	nc	5.69E+02	sat	5.69E+02	sat	x	1.22E+02	nc	3.30E-02	6.59E-01
o-Nitrotoluene	5.11E+00	ca	1.35E+01	ca	2.48E+02	ca	x	4.81E-01	ca	1.30E-04	2.61E-03
p-Nitrotoluene	6.91E+01	ca	1.83E+02	ca	5.69E+02	sat	x	6.51E+00	ca	1.76E-03	3.53E-02
Pentachlorobenzene	4.89E+01	nc	5.47E+02	nc	1.86E+02	nc		2.92E+01	nc	9.38E-02	1.88E+00
Pentachlorophenol	2.98E+01	ca	1.00E+02	ca	1.02E+03	ca		5.53E+00	ca	5.87E-03	1.17E-01
Phenanthrene	1.83E+03	nc	2.05E+04	nc	6.99E+03	nc		1.10E+03	nc	2.32E+01	4.64E+02
Phenol	1.83E+04	nc	1.00E+05	max	6.99E+04	nc		1.10E+04	nc	2.37E+00	4.74E+01

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	VOC	Tap Water (ug/L)	End-point	DAF 1 (mg/kg)	DAF 20 (mg/kg)
Polychlorinatedbiphenyls											
Aroclor 1016	3.93E+00	nc	4.13E+01	nc	1.50E+01	nc		2.56E+00	nc	1.73E-01	3.45E+00
Aroclor 1221	1.12E+00	nc	8.26E+00	ca	4.28E+00	nc		3.32E-01	ca	2.24E-02	4.47E-01
Aroclor 1232	1.12E+00	nc	8.26E+00	ca	4.28E+00	nc		3.32E-01	ca	2.24E-02	4.47E-01
Aroclor 1242	1.12E+00	nc	8.26E+00	ca	4.28E+00	nc		3.32E-01	ca	2.24E-02	4.47E-01
Aroclor 1248	1.12E+00	nc	8.26E+00	ca	4.28E+00	nc		3.32E-01	ca	2.64E-01	5.28E+00
Aroclor 1254	1.12E+00	nc	8.26E+00	ca	4.28E+00	nc		3.32E-01	ca	2.64E-01	5.28E+00
Aroclor 1260	1.12E+00	nc	8.26E+00	ca	4.28E+00	nc		3.32E-01	ca	2.64E-01	5.28E+00
n-Propylbenzene	6.21E+01	sat	6.21E+01	sat	6.21E+01	sat	x	2.43E+02	nc	1.08E+00	2.16E+01
Propylene oxide	1.63E+01	ca	5.71E+01	ca	3.16E+02	nc	x	2.18E+00	ca	4.60E-04	9.20E-03
Pyrene	2.13E+01	sat	2.13E+01	sat	2.13E+01	sat	x	1.83E+02	nc	2.88E+01	5.76E+02
RDX	4.42E+01	ca	1.74E+02	ca	6.99E+02	nc		6.03E+00	ca	1.68E-03	3.36E-02
Selenium	3.91E+02	nc	5.68E+03	nc	1.55E+03	nc		1.83E+02	nc	9.53E-01	1.91E+01
Silver	3.91E+02	nc	5.68E+03	nc	1.55E+03	nc		1.83E+02	nc	1.57E+00	3.14E+01
Strontium	4.69E+04	nc	1.00E+05	max	1.00E+05	max		2.19E+04	nc	7.73E+02	1.55E+04
Styrene	4.21E+02	sat	4.21E+02	sat	4.21E+02	sat	x	1.62E+03	nc	2.20E+00	4.40E+01
1,2,4,5-Tetrachlorobenzene	1.83E+01	nc	2.05E+02	nc	6.99E+01	nc		1.10E+01	nc	2.14E-02	4.29E-01
1,1,1,2-Tetrachloroethane	1.56E+01	ca	3.86E+01	ca	8.09E+02	ca	x	4.27E+00	ca	1.34E-03	2.68E-02
1,1,2,2-Tetrachloroethane	2.00E+00	ca	4.94E+00	ca	1.04E+02	ca	x	5.46E-01	ca	1.72E-04	3.44E-03
Tetrachloroethene	3.52E+00	ca	8.56E+00	ca	9.93E+01	sat	x	4.32E+00	ca	2.15E-03	4.29E-02
Thallium	5.16E+00	nc	7.49E+01	nc	2.04E+01	nc		2.41E+00	nc	1.72E-01	3.43E+00
Toluene	2.52E+02	sat	2.52E+02	sat	2.52E+02	sat	x	7.23E+02	nc	3.47E-01	6.93E+00
Toxaphene	4.42E+00	ca	1.74E+01	ca	1.48E+02	ca		6.03E-01	ca	2.33E-01	4.65E+00
Tribromomethane	4.11E+02	ca	1.34E+03	ca	2.75E+03	nc		2.44E+01	ca	1.73E-01	3.47E+00
1,1,2-Trichloro-1,2,2-trifluoroethane	3.28E+03	sat	3.28E+03	sat	3.28E+03	sat	x	5.92E+04	nc	1.76E+02	3.53E+03
1,2,4-Trichlorobenzene	2.25E+01	nc	8.34E+01	nc	7.38E+01	nc	x	7.16E+00	nc	2.04E-02	4.08E-01
1,1,1-Trichloroethane	5.63E+02	sat	5.63E+02	sat	5.63E+02	sat	x	3.17E+03	nc	1.34E+00	2.68E+01
1,1,2-Trichloroethane	3.90E+00	ca	9.52E+00	ca	6.60E+01	nc	x	1.97E+00	ca	4.98E-04	9.96E-03
Trichloroethylene	2.26E-01	ca	5.45E-01	ca	1.21E+01	ca	x	2.77E-01	ca	1.31E-04	2.62E-03
Trichlorofluoromethane	1.82E+02	nc	6.65E+02	nc	5.96E+02	nc	x	1.29E+03	nc	1.15E+00	2.30E+01
2,4,5-Trichlorophenol	6.11E+03	nc	6.84E+04	nc	2.33E+04	nc		3.65E+03	nc	7.13E+00	1.43E+02
2,4,6-Trichlorophenol	6.11E+00	nc	6.84E+01	nc	2.33E+01	nc		3.65E+00	nc	7.13E-03	1.43E-01

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	VOC	Tap Water (ug/L)	End-point	DAF 1 (mg/kg)	DAF 20 (mg/kg)
1,1,2-Trichloropropane	4.08E+01	nc	1.61E+02	nc	1.36E+02	nc	x	3.04E+01	nc	7.65E-03	1.53E-01
1,2,3-Trichloropropane	1.82E-01	ca	4.50E-01	ca	9.50E+00	ca	x	5.53E-02	ca	1.39E-05	2.78E-04
1,2,3-Trichloropropene	2.63E+00	nc	9.58E+00	nc	8.60E+00	nc	x	2.10E+00	nc	5.29E-04	1.06E-02
Triethylamine	1.98E+01	nc	7.94E+01	nc	6.61E+01	nc	x	1.21E+01	nc	2.14E-03	4.29E-02
1,2,4-Trimethylbenzene	1.77E+01	nc	6.45E+01	nc	5.79E+01	nc	x	1.23E+01	nc	7.09E-02	1.42E+00
1,3,5-Trimethylbenzene	7.54E+00	nc	2.74E+01	nc	2.46E+01	nc	x	1.23E+01	nc	1.78E-02	3.55E-01
2,4,6-Trinitrotoluene	3.06E+01	nc	3.42E+02	nc	1.17E+02	nc		1.83E+01	nc	5.34E-02	1.07E+00
Vanadium	7.82E+01	nc	1.14E+03	nc	3.10E+02	nc		3.65E+01	nc	3.65E+01	7.30E+02
Vinyl acetate	3.30E+02	nc	1.20E+03	nc	1.08E+03	nc	x	4.12E+02	nc	7.57E-02	1.51E+00
Vinyl bromide	8.65E-01	ca	2.07E+00	ca	6.15E+00	nc	x	1.18E+00	ca	4.73E-04	9.45E-03
Vinyl chloride (Child)	1.04E+00	ca					x	4.28E-01	ca	1.43E-04	2.86E-03
Vinyl chloride (adult)	2.02E+00	ca	5.48E+00	ca	8.07E+01	nc	x	8.33E-01	ca	2.78E-04	5.57E-03
m-Xylene	1.01E+02	nc	1.32E+02	sat	1.32E+02	sat	x	2.03E+02	nc	1.66E-01	3.33E+00
o-Xylene	1.32E+02	sat	1.32E+02	sat	1.32E+02	sat	x	7.30E+03	nc	5.43E+00	1.09E+02
Xylenes	1.02E+02	nc	1.33E+02	sat	1.33E+02	sat	x	2.03E+02	nc	1.67E-01	3.34E+00
Zinc	2.35E+04	nc	1.00E+05	max	9.29E+04	nc		1.10E+04	nc	6.82E+02	1.36E+04

Appendix C

Excerpt from Wayne Price Exhibit
DAF as a function of landfarm area

The table below is an excerpt from the study.

values are based on empirical data reflecting a national sample distribution of depth of residential drinking water wells). The location of the intake point allows for mixing within the aquifer. EPA believes that this is a reasonable assumption because there will always be some dilution attributed to the pumping of water for residential use from an aquifer. The horizontal placement of the well was assumed to vary uniformly along the center of the downgradient edge of the source within a width of one-half of the width of the source. Degradation and retardation of contaminants were not considered in this analysis. Figure 3 is a schematic showing aspects of the subsurface SSL conceptual model used in the EPACMTP modeling effort. Appendix E is the background document prepared by EPA/OSW for this modeling effort.

EPACMTP Model Results. The results of the EPACMTP analyses indicate a DAF of about 170 for a 0.5-acre source at the 90th percentile protection level (Table 5). If a 95th percentile protection level is used, a DAF of 7 is protective for a 0.5-acre source.

Table 5. Variation of DAF with Size of Source Area for SSL EPACMTP Modeling Effort

	DAF		
Area (acres)	85th	90th	95th
0.02	1.42E+07	2.09E+05	946
0.04	9.19E+05	2.83E+04	211
0.11	5.54E+04	2.74E+03	44
0.23	1.16E+04	644	15
0.50	2.50E+03	170	7.0
0.69	1.43E+03	120	4.5
1.1	668	60	3.1
1.6	417	38	2.5
1.8	350	33	2.3
3.4	159	18	1.7
4.6	115	13	1.6
11.5	41	5.5	1.2
23	21	3.5	1.2
30	16	3.0	1.1
46	12	2.4	1.1
69	8.7	2.0	1.1

5 acres

15

Dilution Factor Modeling Effort. To gain further information on the national range and distribution of DAF values, EPA also applied the simple SSL water balance dilution model to ground water sites included in two large surveys of hydrogeologic site investigations. These were American Petroleum Institute's (API's) hydrogeologic database (HGDB) and EPA's database of conditions at Superfund sites contaminated with DNAPL.

The HGDB contains the results of a survey sponsored by API and the National Water Well Association (NWWA) to determine the national variability in simple hydrogeologic parameters (Newell et al., 1989). The survey was conducted to validate EPA's use of the EPACML model as a screening tool for the land disposal of hazardous wastes. The survey involved more than 400 ground

Selecting the 90 th percentile which is in mid-range of the table results and a 5 acre source, by extrapolating a DAF of 15 would be appropriate for such a site.

If 250 mg/l is the protractible groundwater standard then the soil screening level would be calculated as follows:

Ct = 250 x DAF 15) x Ow (water filled porosity)/ Ps (dry bulk density)

EPA default for Ow = .3 and Ps = 1.5

STORM WATER MANAGEMENT PLAN
DISCHARGE PLAN GW-053
AGAVE DAGGER DRAW GAS PLANT
AGAVE ENERGY COMPANY
EDDY COUNTY, NEW MEXICO

Prepared by:
Agave Energy Company
105 South Fourth Street
Artesia, New Mexico 88210

Jennifer Knowlton, PE
Environmental Engineer

May 12, 2006

TABLE OF CONTENTS

FIGURES

1.0 INTRODUCTION

This Storm Water Management Plan (Plan) has been prepared on behalf of Agave Energy Company (Agave) for the Agave Dagger Draw Gas Plant, located in the SE/4 SE/4 of Section 25, Township 18 South, Range 25 East, Eddy County, New Mexico.

This Plan has been prepared in accordance with the requirements of the New Mexico Oil Conservation Division (OCD) Discharge Plan Renewal GW-053 approval letter dated March 30, 2006. Specifically, this Plan has been prepared to meet the requirements of Part 16 of the Discharge Plan Approval Conditions attached to the March 2006 approval letter and Section 10.C. of the Guidelines for the Preparation of Discharge Plans at Natural Gas Plants, Refineries, Compressor and Crude Oil Pump Stations (Guidelines).

The Guidelines require that the Plan contain a discussion of the procedures for containment of precipitation and runoff such that water in contact with process areas does not leave the facility, or is released only after testing for hazardous constituents. The discussion should include information on curbing, drainage, disposition, notification, etc.

2.0 STORM WATER PLAN

This section presents the Plan that will be implemented at the Agave Dagger Draw Gas Plant.

2.1 Facility Description

The Agave Dagger Draw Gas Plant (Facility) consists of a natural gas treatment plant that is designed to treat natural gas prior to distribution to downstream users and a petroleum hydrocarbon remediation landfarm (landfarm). The natural gas is treated to remove liquids including water, oil and hydrogen sulfide (H_2S). Recovered liquids are stored at the Facility briefly at the facility and then moved to the transportation pipeline. Recovered gases are typically injected in a disposal well. Materials that may be stored at the Facility include:

- oily wastewater;
- used lubricating oil;
- lubricating oil;
- engine coolant (antifreeze);
- amine (both process and recovered);
- triethylene glycol;
- oil;
- activated carbon filters;
- molecular sieve material; and
- methanol

2.2 Process Areas and Materials Storage

The Facility can roughly be divided into four areas:

- the Amine Plant,
- the Cryogenic Skids
- the Acid Gas Injection System; and
- the support building,.

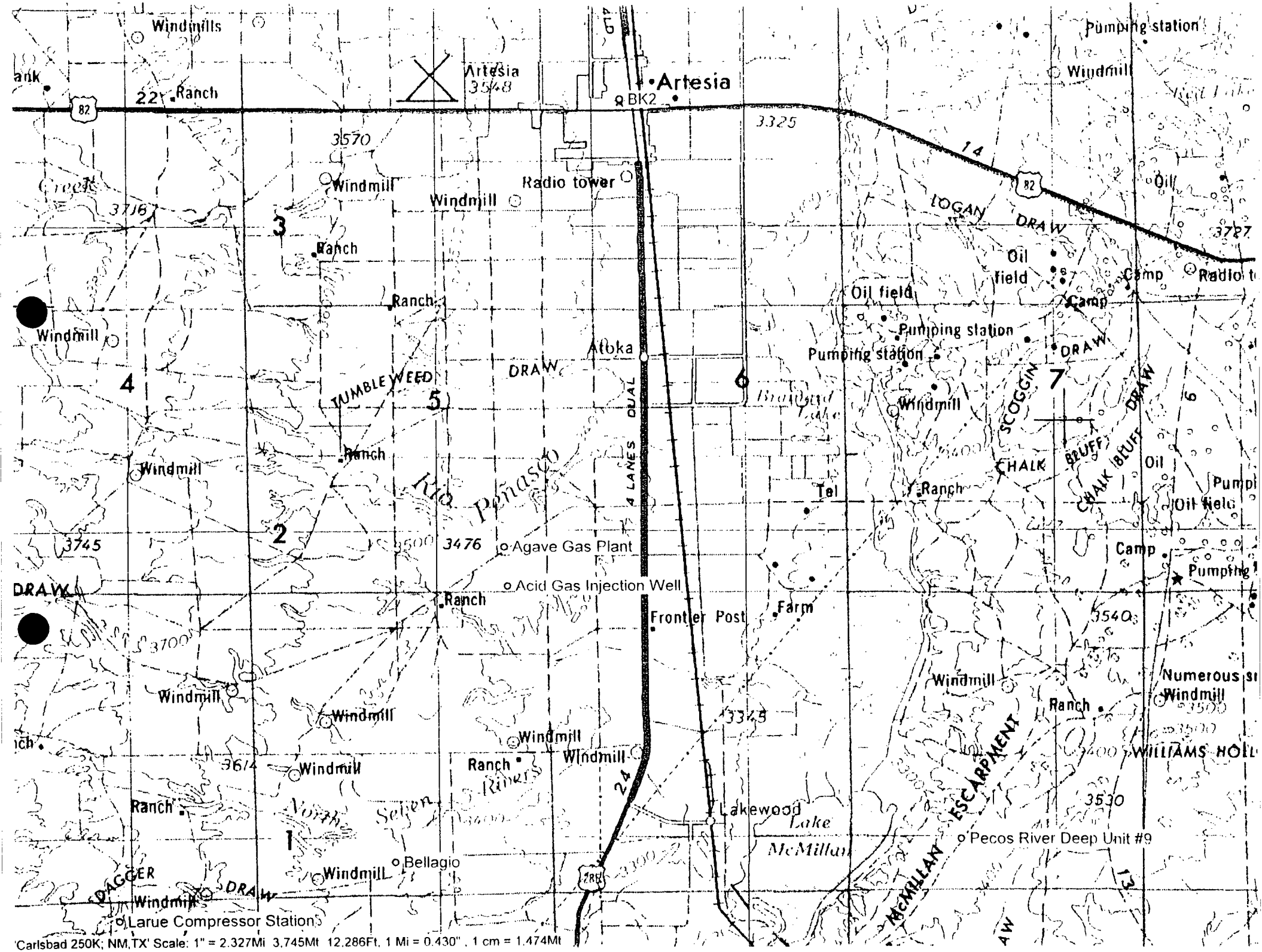
All of the tanks on site are located in a secondary containment structures. The secondary containments are sufficient to meet OCD size requirements. All of the equipment is contained on concrete skids.

2.3 Drainage Paths and Stormwater Containment Areas

Storm water does not leave the Facility boundary and is contained by several mechanisms. Precipitation that reaches the storage vessels is contained within the secondary containment structures. Precipitation that collects on the equipment skids is drained with the sump system. Precipitation that reaches the ground surface across the Facility is contained within an area that is topographically lower than the remainder of the site.

Storm water from all of the Facility drains towards the east center of the Facility. There is no evidence such as drainage channels, culverts, or pipes that indicate surface water is allowed to leave the Facility. The Facility has an active SPCC Plan, spill prevention program and discharge permit.

Based on the current and anticipated operations at the Facility, storm water will continue to be contained within the Facility boundaries. All ongoing construction projects at the Facility will continue to preserve the integrity of the storm water system. Furthermore, the materials storage vessels are located within secondary containment structures that are suitable for containment of the contents of the storage vessels.



'Carlsbad 250K; NM,TX' Scale: 1" = 2.327Mi 3.745Mt 12.286Ft, 1 Mi = 0.430" , 1 cm = 1.474Mt

PLANT NORTH

OVERHEAD POWER LINE TO YATES WELL

E.7+00

E.6+00

E.5+00

E.4+00

E.3+00

E.2+00

E.1+00

E.0+00

N.9+00

N.8+00

N.7+00

N.6+00

N.5+00

N.4+00

N.3+00

N.2+00

N.1+00

N.0+00

ACID GAS COMP.

ACID GAS DISCHARGE PIPELINE

ACID GAS FLARE LINE

FS-1

FFG-2

FFG-1

TK-6

WASHDOWN PUMPS

SLOP TANK TK-3

UNDERGROUND INCOMING POWER FEEDER

MAIN POWER DISTRIBUTION RACK

AMINE STILL

AMINE SKID

E-4

E-4A

V-13

HOT OIL SKID

AC-1

V-9

TK-4 GLYCOL STORAGE

GLYCOL REGEN SKID

PROD. PUMPS C-0601A

C-0601B

PROD. SURGE TANK

CRYO. SKID NO.1

PROD. PUMPS C-0501A

C-0501B

CRYO. SKID NO.2

MOTOR CONTROL ROOM

CONTROL ROOM

HOT OIL HEATER H-1

V-11

P-1

PIPERACK

HEATER PANEL

TK-12 AMINE STORAGE

TK-2B

TK-2A

TK-1

TRUCK LOADING

STORAGE BUILDING

V-10

T-1

COMPRESSOR BUILDING

RES. GAS COMP. No.1

RES. GAS COMP. No.2

LUBE OIL BLOW CASE

MRU-1

MRU-2

L.O. STORAGE

J.W. STORAGE

USED LUBE OIL

RESIDUE GAS COMP. COOLER No. 1 FAN 1

RESIDUE GAS COMP. COOLER No. 2 FAN 1

LAB

6" PIPELINE (PIG)

2" SALES PIPELINE (2)

TW SALES PIPELINE

2" PIPELINE (N.2+35'-0")

OVERHEAD POWER LINE

2" SURFACE LINE

SERVICED POLE

BURIED P.L. TO NORTHERN

ABOVE GROUND POWER POLE

YATES AS NO.4

AIR COMPRESSOR

R.O. WATER PUMP HOUSE

R.O. WATER TANK No.2

R.O. WATER TANK No.1

YATES PIPELINE OLD METER RUN

EMPLOYEE PARKING

EMERGENCY RESPONSE TRAILER

SALES TO ENTERPRISE

PLANT GAS INLET

(GATE)

(GATE)

EMERGENCY ASSEMBLY AREA

CHEVRON PRODUCT METER CONTROL BLDG.

CHEVRON PRODUCT METER SKID

AGAVE PLANT FENCELINE

SECURITY FENCE

AGAVE ENERGY COMPANY
105 South Fourth Street, Artesia, New Mexico 88210

AGAVE DAGGER DRAW
NGL PLANT

PLOT PLAN

DRAWING PATH

APPROVED DATE

AGAVE MANAGEMENT

COUNTY BODY

SIZE / SET

SCALE No.

PRINTED DATE

SHEET 1 OF

REV 1

Affidavit of Publication

State of New Mexico,
County of Eddy, ss. 2006 FEB 15 PM 12 54

Dawn Higgins, being first duly sworn, on oath says:

That she is Business Manager of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

February 9 2006

2006

2006

2006

That the cost of publication is $92.63
and that payment thereof has been made and will be assessed as court costs.

Dawn Higgins

Subscribed and sworn to before me this

9 day of February 2006

Stephanie Dobson

My commission Expires on_____

OFFICIAL SEAL
STEPHANIE DOBSON
Notary Public
State of New Mexico
My Comm. Expires 1/25/2010

Notary Public

February 9, 2006

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 permit 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-053) Agave Energy Company, Ms. Jennifer Knowlton, 105 South Fourth Street, Artesia, New Mexico, 88210, has submitted a renewal application for the previously approved discharge permit for their Agave Plant located in the SE/4 of Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico. Approximately 1000 gallons per day of wastewater is stored in closed top tanks and is transferred offsite to an OCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge to the surface is at a depth of approximately 120 feet with a total dissolved solids concentration of approximately 850 mg/l. The discharge permit 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 permit 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 permit 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 permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this ***6th day of February 2006.***

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL
MARK E. FESMIRE, PE.,
Director

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this ***6th day of February 2006.***

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

MARK E. FESMIRE, P.E., Director

AGAVE ENERGY COMPANY

105 South Fourth Street | Artesia, New Mexico 88210 | (505) 748-4555 | Fax (505) 748-4275

Via Certified Mail 7005 2570 0000 8325 6921

January 19, 2006

Ed Martin
New Mexico OCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Agave Gas Plant
Discharge Permit GW-053 Renewal

Dear Ed:

As per your December 21, 2005 correspondence to Lisa Norton, included is the renewal application for the above mentioned discharge permit. Agave sincerely apologizes for not submitting this renewal prior to the November 9, 2005 expiration. The Agave Gas Plant was shutdown on November 22, 2005.

As of May 2005, Agave Energy Company has purchased the neighboring Duke Dagger Draw Gas Plant. These two facilities are neighboring and contiguous, sharing a common fenceline. Agave is in the process of modifying and consolidating the two facilities. This project also includes the installation of an acid gas injection system in lieu of a flare or SRU to dispose of the acid gas stream from the amine system. Agave has refurbished the cryogenic skids, removed two large gas fired compressor engines, and installed a new control system. Agave plans on restarting the modified facility at the beginning of February 2006.

The Duke Dagger Draw Gas Plant was issued discharge permit GW-185. However, to the best of our knowledge, this facility has not operated since August 2003.

Once the facility is fully operational and no additional changes are anticipated to the normal operations of the plant, Agave will submit an application for a modified discharge permit which will incorporate operations at the new Agave Dagger Draw Gas Plant. This modification will merge the current discharge permits from the two facilities. The modification application will also include any necessary closure plans for both facilities.

I look forward to working with you when we submit the modified discharge plan for the Agave Dagger Draw Gas Plant. If you have any questions regarding this application, please do not hesitate to contact me at 505-748-4471.

Sincerely,

Jennifer Knowlton
Environmental Engineer

Cc: OCD District office

(corres 011906.doc)

OIL CONSERVATION DIVISION
DISCHARGE PLAN GW-053 RENEWAL
AGAVE ENERGY COMPANY
AGAVE GAS PLANT

January 19, 2006

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised June 10, 2003

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☒ Renewal ☐ Modification

1. Type: Gas Processing Plant

2. Operator: Agave Energy Company

   Address: 105 South Fourth Street Artesia NM 88210

   Contact Person: Jennifer Knowlton Phone: 505-748-4471

3. Location: SE/4 SE/4 Section 25 Township 18S Range 25E
   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: Jennifer Knowlton Title: Environmental Engineer

Signature: Jennifer Knowlton Date: January 19, 2006

E-mail Address: jknowlton@ypcnm.com

1. Type: Gas Processing Plant

2. Operator: Agave Energy Company
   Address: 105 South Fourth Street Artesia NM 88210
   Contact Person: Jennifer Knowlton
   Phone: 505-748-4471

3. Location: SE/4 SE/4
   Section 25
   Township 18S
   Range 25E

4. Landowner: Yates Petroleum Corporation

5. The Agave Gas Plant currently consists of an amine gas treatment system, a process flare that controls the acid gas stream from the amine unit, a glycol dehydration system, and ancillary equipment. The primary function of the plant is to remove H_2S and CO_2 from sour field gas so that the gas can meet pipeline specifications. The plant has been designated a primary Standard Industrial Classification (SIC) Code of 1311. Due to the current modification at the facility, an up-to-date detailed plot plan is not available. Once the modifications are complete, a modified discharge plan permit will be submitted and this information will be updated..

6. Materials Stored or Used at Facility:
   See previous submissions.

7. Present Sources of Effluent and Waste Solids:
   See previous submissions.

8. Current Liquid and Solid Waste Collection, Treatment and Disposal Procedures:
   See previous submissions.

9. Proposed Modifications to existing Collection, Treatment and Disposal Systems:
   In May 2005, Agave Energy Company purchased the Duke Dagger Draw Gas Plant. The Agave Gas Plant and the Duke Gas Plant are neighboring facilities which share a common fence line. The facilities are currently in the process of being modified and consolidated. Once the consolidation is complete, a modified discharge permit will be submitted which will cover both facilities.

10. Inspection and Maintenance Plan:
    a. Company personnel make daily inspections of the site. Malfunctions or breakdowns are noted and repaired.
    b. Any repair work that is needed is performed as required.
    c. A regular maintenance program is diligently carried out on all on-site equipment.

11. Plan for reporting and Cleanup of Spills or Releases:
    a. Standard company policy is to immediately secure the area to insure the safety of personnel and the public.

b. Employees and contract personnel are dispatched to the spill area with necessary equipment and materials necessary to control and contain the spill and initiate clean-up program.
c. Notification and any necessary follow-up reports will be made to the appropriate agencies (BLM, OCD, etc) pursuant to regulations.

12. Geologic and Hydrological Information:
See previous submissions

13. Facility Closure Plan:
Agave is in the process of modifying the existing facility. Part of the modification will include the closure of certain parts of the existing facility. As part of the forthcoming modification of the discharge permit, Agave will address any necessary closure plans.

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

December 21, 2005

CERTIFIED MAIL
RETURN RECEIPT NO. 7001-1940-0004-7920-7799

Ms. Lisa Norton
Agave Energy Company
105 South Fourth Street
Artesia, NM 88210

RE: GW-053 Discharge Permit
Agave Gas Plant
SE/4 SE/4 Section 25, Township 18 South, Range 25 East

Dear Ms. Norton:

The discharge permit shown above covering the above facility expired on November 9, 2005.

Agave Energy Co. must submit a renewal application to the New Mexico Oil Conservation Division for this permit by January 23, 2006.

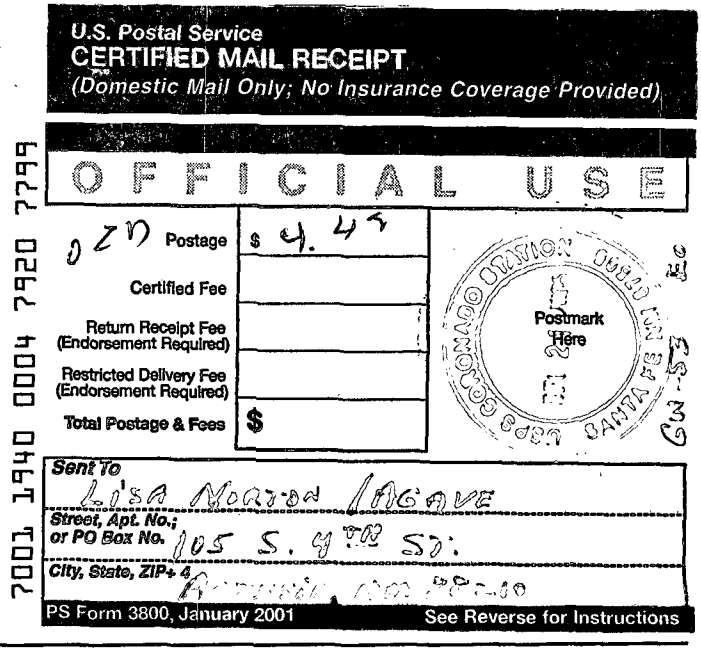
If you have any questions, contact me at (505) 476-3492 or ed.martin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Ed Martin

Edwin E. Martin
Environmental Bureau

Copy: Artesia District Office


U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage $ 4.45
Certified Fee
Return Receipt Fee (Endorsement Required)
Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees $

Postmark Here

Sent To Lisa Norton / AGAVE
Street, Apt. No.; or PO Box No. 105 S. 4th St.
City, State, ZIP+4 Artesia, NM 88210

7001 1940 0004 7920 7799

PS Form 3800, January 2001 See Reverse for Instructions

AGAVE ENERGY COMPANY

105 South Fourth Street Artesia, New Mexico 88210 (505) 748-4555 Fax (505) 748-4576

Ed Martin
New Mexico Environment Department
Oil Conservation Division
2040 Pacheco Street
Santa Fe, NM
87505

February 28, 2001

RE: Agave Gas Plant, Discharge Plan GW-053
Storm Water Management Plan
SE/4, SE/4, S25, T18S, R25E

Dear Ed:

Enclosed is the Storm Water Management Plan you requested we complete for renewal of the discharge plan for the Agave Gas Plant.

If you have any questions about this plan, please contact Rusty Nasta at : (505) 748-4555, C: (505) 626-7971, or Greg Jokela at: (505) 748-4525, C: (505) 365-8509. If I can be of any help please feel free to contact me at O: (505) 748-4185

Sincerely,

Lisa Norton
Environmental Coordinator

Encl

Dist: Rusty Nasta, Agave Energy Company
Greg Jokela, Agave Energy Company
File

Eng/DavidH/Agave/AgavePlant/StormwaterMgmtPlan2001

Storm Water Management Plan
Discharge Plan GW-053
Agave Gas Plant
Agave Energy Company
Eddy County, New Mexico

Prepared for:
Agave Energy Company
105 South Fourth Street
Artesia, New Mexico 88210

Harding ESE Project No. 52602.1

February 23, 2001

Harding ESE
A MACTEC COMPANY
6400 UPTOWN BOULEVARD NE, SUITE 310 E
ALBUQUERQUE, NEW MEXICO 87110
(505) 248-0017 FAX (505) 248-0021

TABLE OF CONTENTS

FIGURES

1.0 INTRODUCTION

This Storm Water Management Plan (Plan) has been prepared on behalf of Agave Energy Company (Agave) for the Agave Gas Plant, located in the SE/4 SE/4 of Section 25, Township 18 South, Range 25 East, Eddy County, New Mexico.

This Plan has been prepared in accordance with the requirements of the New Mexico Oil Conservation Division (OCD) Discharge Plan Renewal GW-053 approval letter dated November 20, 2000. Specifically, this Plan has been prepared to meet the requirements of Part 16 of the Discharge Plan Approval Conditions attached to the November 2000 approval letter and Section 10.C. of the Guidelines for the Preparation of Discharge Plans at Natural Gas Plants, Refineries, Compressor and Crude Oil Pump Stations (Guidelines).

The Guidelines require that the Plan contain a discussion of the procedures for containment of precipitation and runoff such that water in contact with process areas does not leave the facility, or is released only after testing for hazardous constituents. The discussion should include information on curbing, drainage, disposition, notification, etc.

2.0 STORM WATER PLAN

This section presents the Plan that will be implemented at the Agave Gas Plant facility.

2.1 Facility Description

The Agave Gas Plant (Facility) consists of a natural gas treatment plant that is designed to treat natural gas prior to distribution to downstream users and a petroleum hydrocarbon remediation landfarm (landfarm). The natural gas is treated to remove liquids including water, oil and hydrogen sulfide (H_2S). Recovered liquids are stored at the Facility and are removed by truck. Recovered gases are typically flared onsite. The landfarm is used to process soil that has been contaminated by oilfield releases of crude oil, condensate and other hydrocarbons associated with the production of oil and gas. The soil is brought to the landfarm by dump truck, placed into the landfarm, and periodically tilled until the hydrocarbons have been remediated by aeration or biological degradation. Materials that may be stored at the Facility include:

- recovered pipeline liquids (condensate);
- oily wastewater;
- used lubricating oil;
- lubricating oil;
- engine coolant (antifreeze);
- amine (both process and recovered);
- triethylene glycol;
- corrosion inhibitor;
- citrus degreaser; and
- hydrocarbon contaminated soil.

2.2 Process Areas and Materials Storage

The Facility can roughly be divided into four areas:

- the Amine Plant, located on the southwest portion of the Facility;
- the Compressor Area, located on the northwest portion of the Facility;

- the hydrocarbon landfarm, located on the east-central portion of the Facility; and
- the support building, currently under construction on the southeast portion of the Facility.

The following tanks are located at the Amine Plant Area:

- 210 barrel (bbl) triethylene glycol above ground storage tank (AST);
- 100 bbl amine AST;
- 1,500 gallon methanol AST in horizontal cradle;
- 100 bbl amine collector tank (upset use only);
- 210 bbl amine plant waste collector AST;
- 324 gallon BTX process recovery collection tank; and
- 500 gallon amine recovery AST located at the 200 foot flare stack.

Each of the storage vessels, except the 324 gallon BTX tank that is part of the amine plant process, are located in concrete secondary containment structures. The 500 gallon amine recovery AST at the flare stack is constructed of polyethylene, the remainder of the ASTs are constructed of steel.

The following tanks are located at the Compressor Area:

- Two 300 bbl condensate recovery ASTs;
- 1,500 gallon lube oil AST;
- 100 bbl Ambitrol antifreeze AST;
- 300 bbl oily wastewater collector AST;
- 300 bbl used lube oil AST;
- 250 gallon soap AST; and
- 250 gallon citrus degreaser AST.

Each of the storage vessels is located in a concrete secondary containment structure. All of the ASTs are constructed of steel.

There are no tanks located at the hydrocarbon contaminated soil landfarm or the support building. However, soils containing various quantities of petroleum hydrocarbons are periodically transported to the landfarm for placement, treatment, and remediation. The landfarm is entirely surrounded by a soil berm that prevents runoff from leaving the landfarm. Section 2.3 discusses the containment of precipitation and runoff in each of the Areas of the Facility.

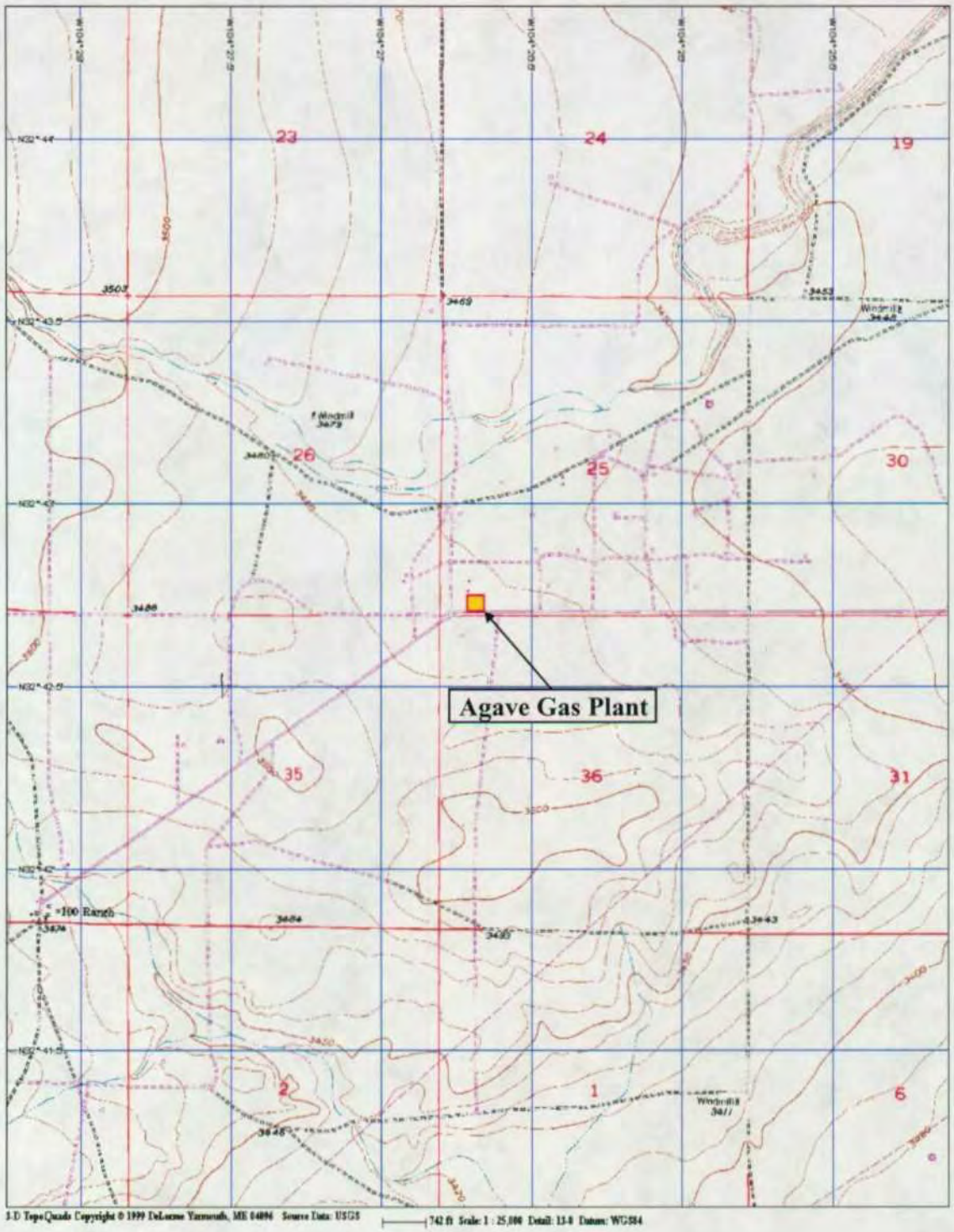
2.3 Drainage Paths and Stormwater Containment Areas

Storm water does not leave the Facility boundary and is contained by several mechanisms. Precipitation that reaches the storage vessels is contained within the concrete secondary containment structures. Precipitation that reaches the ground surface across the Facility is contained within two areas that are topographically lower than the remainder of the site; and precipitation that reaches the landfarm area is contained within the landfarm, on the northern portion of the landfarm. The landfarm ground surface is lower on the northern portion than for the remainder of the landfarm.

Storm water from all but the northwest corner of the Facility drains towards the northeast corner of the Facility, north of the landfarm, where the surface water collects in a shallow depression. Drainage in the northwest corner of the Facility, northwest of the Compressor Area, is towards a shallow depression just east of the two 300-bbl condensate storage tanks. There is no evidence such as drainage channels, culverts, or pipes that indicate surface water is allowed to leave the Facility.

Based on the current and anticipated operations at the Facility, storm water will continue to be contained within the Facility boundaries. Recent construction of both the hydrocarbon soil landfarm and the support building have not altered the locations where storm water collects at the Facility. Furthermore, the hazardous materials storage vessels (non-process tanks) are located within concrete secondary containment structures that are suitable for containment of the contents of the storage vessels.

(52602\WP\Agave Gas Plant_1.cdr)



Site Location Map
Agave Energy Company
Agave Gas Plant
Eddy County, New Mexico

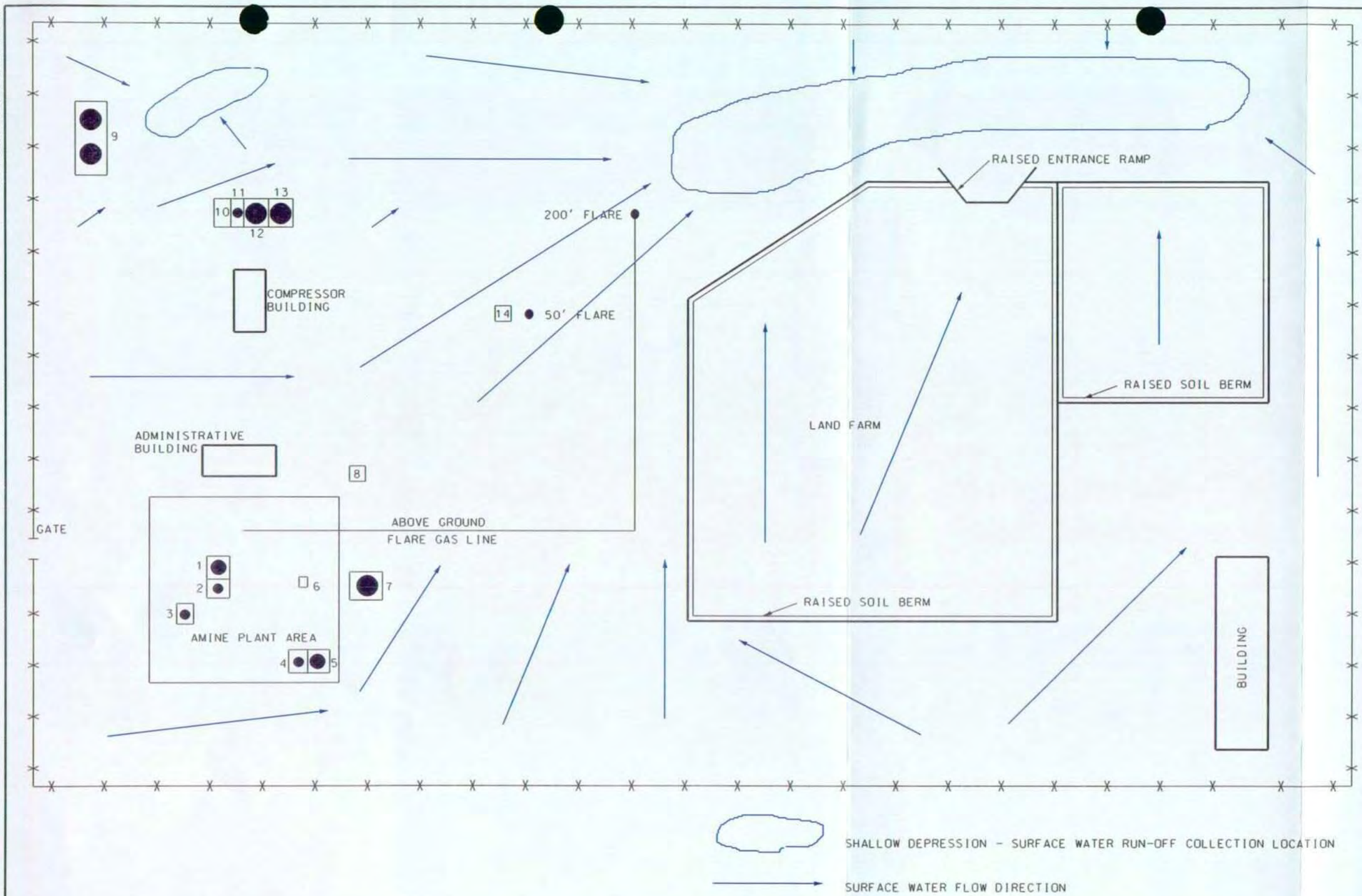
Figure 1

Harding ESE
A MACTEC COMPANY

6400 Uptown Boulevard, Suite 310
Albuquerque, New Mexico 87110

Drawn	Project Number	Approved	Date	Revised Date
AEK	52602.1		02/05/01	

L:/50000/52602/CAD/SITE.DGN



1. TRI[illegible]LENE GLYCOL 210bbl
2. AMINE 100bbl
3. 1500 gal AST IN CRADLE W/CONCRETE CONTAINMENT METHANOL
4. 100bbl COLLECTOR TANK (UPSET ONLY)
5. 210bbl DRAINAGE FROM AMINE PLANT COLLECTED
6. 324gal BTX RECOVERY LIQUID COLLECTOR
7. 300bbl WATER IN 2 DEGREES
8. 150gal AST CORROSION INHIBITOR 2-250gal ASTs: SOAP & DEGREASER IN CONCRETE 2 DEGREES
9. 2-300bbl ASTs CONDENSATE IN CONCRETE 2 DEGREES
10. 1500gal LUBE OIL
11. 100bbl AMBITROL ANTIFREEZE/ COOLANT
12. 300bbl AST USED LUBE OIL
13. 300bbl AST OILY WASTE WATER FROM COMPRESSORS
14. 500gal PLASTIC AST IN CONCRETE CONTAINMENT

Harding ESE
MACTEC COMPANY
6400 Uptown Boulevard
Suite 310E
Albuquerque, New Mexico 87110
Telephone: 505/248-0017
Fax: 505/248-0021
Home Page: www.mactec.com

SITE PLAN
Agave Gas Plant
Agave Energy Company
Eddy County, New Mexico

FIGURE
2

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
FSM	52602.1	JDM	02-07-01	02-20-01

I:\50000\52602\CAD\site.dgn Feb. 20, 2001 08:43:19

AGAVE ENERGY COMPANY

105 South Fourth Street Artesia, New Mexico 88210 (505) 748-4555 Fax (505) 748-4576

OIL CONSERVATION DIV.

01 MAR -2 PM 2:05

Ed Martin
New Mexico Environment Department
Oil Conservation Division
2040 Pacheco Street
Santa Fe, NM 87505

February 27, 2001

RE: Agave Plant Discharge Plan GW-053
Drain Line Pressure Test
SE/4, SE/4, S25, T18S, R25E

Dear Ed:

On February 15, 2001, Agave Energy Company, completed pressure testing of seven (7) drain lines in the process area and four (4) in the compressor area of the Agave Plant.

The lines were pressurized to seven (7) pounds and gauges were observed for a period of five (5) minutes. During this time interval, no changes in pressure were observed. Based on this test, Agave concludes that there are no leaks present in the drain lines. A Compressor Station Equipment Maintenance Report describing the test is attached.

If you have any questions about this test please contact Rusty Nasta at (505) 748-4555.

Sincerely,

Lisa Norton
Environmental
Coordinator

cc: Rusty Nasta
File

nmex\agave\agaveplan\pressuretest2001.doc

Agave Energy Co.

Compressor Station Equipment Maintenance Report

Compressor Station Name: Agave Amine Processing Plant

Date of ~~Failure~~ TEST: 2-15-01

Type of Failure: No Failure - Pressure Tests Drains

Hrs. at Time of Failure: N/A

Down Time Hrs: _____ Scheduled: ____ Non-Scheduled: ____

Describe Failure and Possible Causes: On Thursday 2-15-01, Bill Tippy & Robert Moorhead completed the pressure testing of all drains in the Agave Plant Process Area (7) and Compressor Area (4). Drains were pressured to 7 lbs & held for 5 minutes with no leaks or loss of pressure.

(Employee's Signature)

2-22-01
Date

Martin, Ed

To: David Haggith
Subject: Yates Plant GW-053

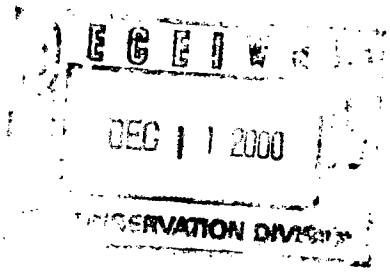
David, how's everything going? Was just going through some files and noticed that we have not received the underground wastewater pressure tests for the Yates Plant. Have you done them yet. (We did receive the tests results for the Ned State) Also looking for the stormwater plan on the Yates Plant.

When you get a chance, please let me know the status.

AGAVE ENERGY COMPANY

105 South Fourth Street Artesia, New Mexico 88210 (505) 748-4555 Fax (505) 748-4576

5 December, 2000



Water Quality Management Fund
c/o Oil Conservation Division
2040 South Pacheco St.
Santa Fe, NM 87504

Re: Payment of Fees for Discharge Plan GW-053

In response to the discharge plan approval letter dated November 20, 2000, please find attached payment in the amount of $1,667.50. Payment is for the renewal of discharge plan GW-053.

If you should require any additional information concerning this renewal application, contact me at (505) 748-4525.

Sincerely,

Greg Jokela
Engineer

cc: Paul Ragsdale
Greg Jokela
file

NEW MEXICO ENVIRONMENT DEPARTMENT
REVENUE TRANSMITTAL FORM

	Description	FUND	CES	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT	
1	CY Reimbursement Project _____ Tax ___	064	01						
5	Gross Receipt Tax	064	01		2329	900000	2329134		5
3	Air Quality Title V	092	13	1300	1696	900000	4169134		3
4	PRP Prepayments	246	14	1400	9696	900000	4969014		4
2	Climax Chemical Co.	246	14	1400	9696	900000	4969015		2
6	Circle K Reimbursements	248	14	1400	9696	900000	4969248		6
7	Hazardous Waste Permits	339	27	2700	1696	900000	4169027		7
8	Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169339		8
10	Water Quality - Oil Conservation Division	341	29		2329	900000	2329029		10
11	Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169029	1667.50	11
12	Air Quality Permits	631	31	2500	1696	900000	4169031		12
13	Payments under Protest	651	33		2919	900000	2919033		13
*14	Xerox Copies	652	34		2349	900000	2349001		*14
15	Ground Water Penalties	652	34		2349	900000	2349002		15
16	Witness Fees	652	34		2349	900000	2439003		16
17	Air Quality Penalties	652	34		2349	900000	2349004		17
18	OSHA Penalties	652	34		2349	900000	2349005		18
19	Prior Year Reimbursement	652	34		2349	900000	2349006		19
20	Surface Water Quality Certification	652	34		2349	900000	2349009		20
21	Jury Duty	652	34		2349	900000	2349012		21
22	CY Reimbursements (I.e. telephone)	652	34		2349	900000	2349014		22
*23	UST Owner's List	783	24	2500	9696	900000	4969201		*23
*24	Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969202		*24
*25	UST Maps	783	24	2500	9696	900000	4969203		*25
*26	UST Owner's Update	783	24	2500	9696	900000	4969205		*26
*28	Hazardous Waste Regulations	783	24	2500	9696	900000	4969207		*28
*29	Radiologic Tech. Regulations	783	24	2500	9696	900000	4969208		*29
*30	Superfund CERLIS List	783	24	2500	9696	900000	4969211		*30
31	Solid Waste Permit Fees	783	24	2500	9696	900000	4969213		31
32	Smoking School	783	24	2500	9696	900000	4969214		32
*33	SWQB - NPS Publications	783	24	2500	9696	900000	4969222		*33
*34	Radiation Licensing Regulation	783	24	2500	9696	900000	4969228		*34
*35	Sale of Equipment	783	24	2500	9696	900000	4969301		*35
*36	Sale of Automobile	783	24	2500	9696	900000	4969302		*36
*37	Lust Recoveries	783	24	2500	9696	900000	4969814		**37
*38	Lust Repayments	783	24	2500	9696	900000	4969815		**38
39	Surface Water Publication	783	24	2500	9696	900000	4969801		39
40	Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4969242		40
41	Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032		41
42	Radiologic Tech. Certification	987	05	0500	1696	900000	4169005		42
44	Ust Permit Fees	989	20	3100	1696	900000	4169020		44
45	UST Tank Installers Fees	989	20	3100	1696	900000	4169021		45
46	Food Permit Fees	991	26	2600	1696	900000	4169026		46
43	Other								43

* Gross Receipt Tax Required

** Site Name & Project Code Required

TOTAL 1667.50

Contact Person: ED MARTIN Phone: 827-7151 Date: 12/13/00

Received in ASD By: _____ Date: _____ RT #: _____ ST #: _____

FSB025
Revised 07/07/00

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 12/6/00

or cash received on 12/13/00 in the amount of $ 1,667.50

from AGAVE ENERGY Co.

for AGAVE YATES PLANT (Facility Name) GW-053 (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: ED MARTIN Date: 12/13/00

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal ✓

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ___

AGAVE ENERGY COMPANY

105 South Fourth S[illegible] Artesia, New Mexico 88210

[redacted]

CODE	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT	DISCOUNT	NET AMOUNT PAYABLE
1	5 DECEMBER 2000	12/00	1667.50	.00	1667.50
			TOTAL FOR CHECK		1667.50
	GW-053				

CODES
1 - YOUR INVOICE
2 - YOUR CREDIT MEMO

THE ATTACHED CHECK IS IN FULL SETTLEMENT OF INVOICES LISTED ABOVE.
PLEASE DETACH THIS VOUCHER BEFORE DEPOSITING CHECK. NO RECEIPT NECESSARY.

Bank of America

32-2
1110

AGAVE ENERGY COMPANY

105 South Fourth Street
Artesia, New Mexico 88210
505-748-4555

[redacted]

DATE 12/06/2000 VENDOR NO. 666850

********1,667DOLLARS***50CENTS

PAY TO THE ORDER OF:

OIL CONSERVATION DIVISION
2040 SOUTH PACHECO
SANTA FE NM 87505

AMOUNT
******1,667.50

[redacted]

ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

Micro-Blaze Micro-Blaze Out™

January 12, 2001

Mr. Ed Martin
Oil Conservation Division
2040 South Pacheco St.
Santa Fe, New Mexico 87504

Re: Agave Energy Co. Discharge Plan GW-053

Subject: Land farm expansion and reconfiguration

Dear Mr. Martin,

Environmental Plus, Inc., Eunice, New Mexico, on behalf of Agave Energy Company, Artesia, New Mexico submits for your consideration and approval the following request to modify the current Agave Energy Company Discharge Plan GW-053. Agave Energy Company proposes to expand and reconfigure the Agave Gas Plant Land farm to facilitate access and better accommodate and manage the non-hazardous exempt waste stream of Agave Energy and Yates Petroleum.

Vehicle access to the recently constructed building south of the Agave Gas Plant Land farm is being limited by the south land farm cell. To alleviate the problem, Agave proposes to add a land farm cell adjacent to and west of the contiguous north and south cells west berm. It is also proposed that the south cell be vacated/decommissioned with currently held wastes relocated into the new west cell. A site map is attached to illustrate current and proposed configurations. A background "treatment zone" composite sample from the west cell area was collected on January 4, 2001 and analyzed for Total Petroleum Hydrocarbon, Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX), major anions and cations, and RCRA metals. Results are attached for your review. If permission is granted to vacate the south cell, a composite sample will be collected from the "treatment zone", i.e., 24-36" below ground surface and similarly analyzed to support final decommissioning.

Refer questions or requests for information to Mr. David Haggith, Yates Petroleum Corporation, Environmental Coordinator at 505.748.4223.

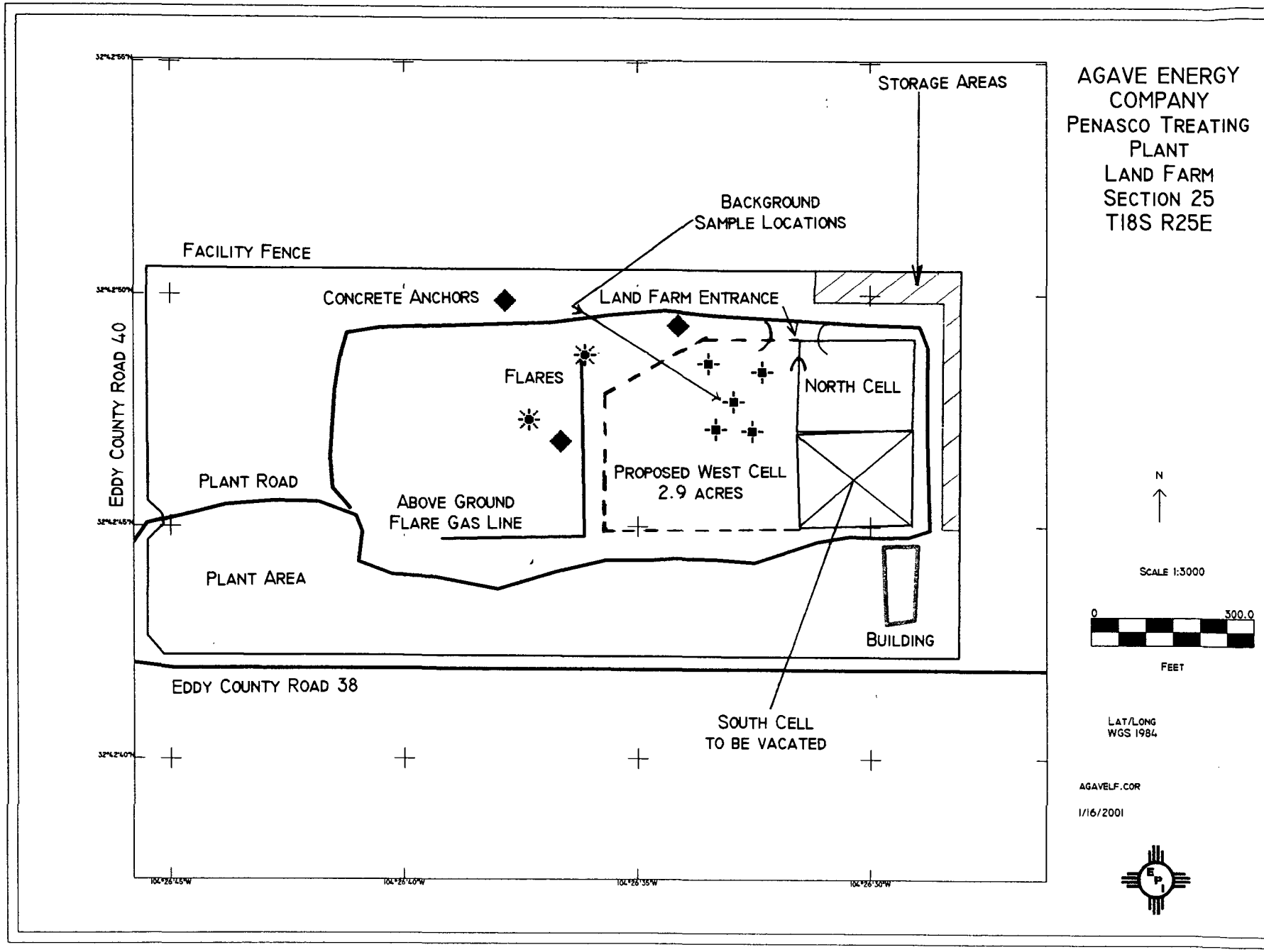
Sincerely,

Pat McCasland
EPI Technical Services Manager

cc: Rusty Nasta, Operations Supervisor, Agave Energy Co.
David Haggith, Environmental Coordinator, Yates Petroleum Co.
Ben Miller, EPI Vice President and General Manager
Sherry Miller, EPI President

P.O. BOX 1558 ◦◦◦ 1324 NORTH MAIN ◦◦◦ EUNICE, NEW MEXICO 88231
TELEPHONE 505◦394◦3481 FAX 505◦394◦2601

ENVIRONMENTAL PLUS, INC.


AGAVE ENERGY COMPANY
PENASCO TREATING PLANT
LAND FARM
SECTION 25
T18S R25E
STORAGE AREAS
BACKGROUND SAMPLE LOCATIONS
FACILITY FENCE
CONCRETE ANCHORS
LAND FARM ENTRANCE
EDDY COUNTY ROAD 40
FLARES
NORTH CELL
PLANT ROAD
PROPOSED WEST CELL
2.9 ACRES
ABOVE GROUND
FLARE GAS LINE
PLANT AREA
BUILDING
EDDY COUNTY ROAD 38
SOUTH CELL
TO BE VACATED
N
SCALE 1:3000
0
300.0
FEET
LAT/LONG
WGS 1984
AGAVELF.COR
1/16/2001

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: 505-394-2601

Receiving Date: 01/05/01
Reporting Date: 01/10/01
Project Number: NOT GIVEN
Project Name: AGAVE LANDFARM
Project Location: SEC. 25 T18S R25E

Sampling Date: 01/04/01
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: GAP
Analyzed By: JA

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		01/09/01	01/09/01	01/09/01	01/09/01
H5500-1	S1400ALFWBG-2	<0.002	<0.002	<0.002	<0.006
Quality Control		0.100	0.107	0.091	0.283
True Value QC		0.100	0.100	0.100	0.300
% Accuracy		100	107	91	94.3
Relative Percent Difference		18.5	15.5	13.9	14

METHOD: EPA SW 846-8020, 5030, Gas Chromatography

Chemist

1-10-01
Date

H5500SENVPLUSHOBBSBTEXONLY

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 01/05/01
Reporting Date: 01/09/01
Project Owner: D. HAGGITH
Project Name: AGAVE LANDFARM
Project Location: S25 T18S R25E

Sampling Date: 01/04/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/Kg)	DRO (>C_{10}-C_{28}) (mg/Kg)
ANALYSIS DATE:		01/08/01	01/08/01
H5500-1	S1400ALFWBG-2	<50	<50
Quality Control		891	957
True Value QC		1000	1000
% Recovery		89.1	95.7
Relative Percent Difference		3.5	5.3

METHOD: SW-846 8015 M

Chemist

1/9/01
Date

H5500A.XLS

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 01/05/01
Reporting Date: 01/10/01
Project Owner: D. HAGGITH
Project Name: AGAVE LANDFARM
Project Location: S25 T18S R25E

Sampling Date: 01/04/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (mS/cm)	T-Alkalinity ($mgCaCO_3/L$)
ANALYSIS DATE:		01/10/01	01/09/01	01/09/01	01/09/01	01/09/01	01/09/01
H5500-1	S1400ALFWBG-2	1712	137	29	6.34	2620	280
Quality Control		NR	51	52	4.94	1489	NR
True Value QC		NR	50	50	5.00	1413	NR
% Accuracy		NR	102	104	98.8	105	NR
Relative Percent Difference		NR	0	1.9	1.6	0.1	NR
METHODS:			SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

LAB NUMBER	SAMPLE ID	Cl^- (mg/L)	SO_4 (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	pH (s.u.)
ANALYSIS DATE:		01/09/01	01/09/01	01/09/01	01/09/01	01/09/01
H5500-1	S1400ALFWBG-2	2733	59.51	0	341	8.17
Quality Control		994	53.19	NR	995	7.02
True Value QC		1000	50.00	NR	1000	7.00
% Accuracy		99.4	106	NR	99.5	100
Relative Percent Difference		1.0	0.3	NR	0	0
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

NOTE: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

01/15/2001
Date

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 01/05/01
Reporting Date: 01/12/01
Project Owner: D. HAGGITH
Project Name: AGAVE LANDFARM
Project Location: S25 T18S R25E

Sampling Date: 01/04/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

RCRA METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		01/08/01	01/11/01	01/11/01	01/11/01	01/11/01	01/08/01	01/12/01	01/08/01
H5500-1	S1400ALFWBG-2	2.77	3.65	60.6	<1	5.00	<1	0.024	0.936
Quality Control		0.200	1.049	24.46	0.987	5.170	5.022	0.0100	0.206
True Value QC		0.200	1.000	25.00	1.000	5.000	5.000	0.0100	0.200
% Recovery		100	105	97.8	98.7	103	100	100	103
Relative Percent Difference		1.5	0.5	4.1	0.5	1.6	0.8	4.9	3.6
METHODS: EPA 600/4-79-020		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
METHODS: SW-846		7060A	7760A	7080A	7130	7190	7420	7470A	7740

Chemist

01/15/2000
Date

H5500M.XLS

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Environmental Plus, Inc.	BILL TO
Project Manager: PAT McCASLAND	P.O. #: SAME
Address: P.O. Box 1558	Company:
City: Eunice State: NM Zip: 88231	Attn:
Phone #: 505.394.2600 Fax #: 505.394.2601	Address:
Project #: Project Owner: D. Harris	City:
Project Name: Dynegy 20" East West Line	State: Zip:
Project Location: Sec. 22 - T22S - R37E, S. of Eunice	Phone #:
Sampler Name: PAT McCASLAND	Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	ANALYSIS REQUEST: TPH 8015M	Chloride	BTEX 8260/8020	TDS	Anions/Cations
H5525-1	D20EWBH-15'EX	C	1			✓					✓		1.16.01	1330	✓	✓	✓		
-2	D20EWGP3-20'	G	1			✓					✓		1.11.01	1303	✓	✓	✓		
-3	D20EWGP6-20'	G	1			✓					✓		1.11.01	1425	✓	✓	✓		

Sampler Relinquished:	Date:	Received By:	
	Time:		
Relinquished By:	Date: 1/16/01	Received By: (Lab Staff)	
	Time: 5:00 PM		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition: Cool ☒ Yes ☐ No; Intact ☒ Yes ☐ No	CHECKED BY: (Initials)	

Phone Result:	☐ Yes	☐ No	Add'l Phone #:
Fax Result:	☒ Yes	☐ No	Add'l Fax #:

REMARKS:

C of C requested

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

AGAVE ENERGY COMPANY

105 South Fourth Street Artesia, New Mexico 88210 (505) 748-4555 Fax (505) 748-4576

4 December, 2000

Roger C. Anderson
Oil Conservation Division
2040 South Pacheco St.
Santa Fe, NM 87504

Re: Renewal of Discharge Plan GW-053

Dear Mr. Anderson:

Agave Energy Company has received the approval for the discharge plan GW-053 and the discharge plan approval conditions, dated November 20, 2000. Attached with this cover letter is a signed copy of the discharge plan approval conditions. The signed discharge plan approval conditions are being sent in advance of the renewal flat fee in order that OCD has receipt within 10 working days of the November 20 letter. The renewal flat fee of $1,667.50 will be forthcoming.

If you should require any additional information concerning this renewal application, contact me at (505) 748-4525.

Sincerely,

Greg Jokela
Engineer

cc: Paul Ragsdale
Greg Jokela
file

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-053
AGAVE ENERGY COMPANY
AGAVE GAS PLANT
DISCHARGE PLAN APPROVAL CONDITIONS
November 20, 2000

1. Payment of Discharge Plan Fees: The $50.00 filing fee has been received by the OCD. There is a required flat fee equal to one-half of the original flat fee for natural gas processing plants. The renewal flat fee required for this facility is $$1,667.50 which may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due upon receipt of this approval. The filing fee is payable at the time of application and is due upon receipt of this approval. Please make all checks payable to:

   Water Quality Management Fund
   c/o Oil Conservation Division
   2040 South Pacheco
   Santa Fe, New Mexico 87505

2. Commitments: **Agave Energy Company** will abide by all commitments submitted in the discharge plan renewal application letter dated June 19, 2000 and these conditions for approval.

3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.

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 tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

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 will be clearly labeled to identify their contents and other emergency notification information.

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 annually. Permittees may propose various methods for testing such as 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.

10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than November 30, 2000 and every five (5) years thereafter. 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. The test results will be submitted to OCD by January 31, 2001.

11. Class V Wells: No 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. 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. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

12. Landfarm Operations:

a. Disposal may occur only when an attendant is on duty. The facility must be secured when no attendant is present.

b. All contaminated soils received at the facility must be spread and disked within 72 hours of receipt.

c. Soils must be spread on the surface in twelve (12) inch lifts or less.

d. Moisture must be added as necessary to enhance bioremediation and to control blowing dust. There may be no ponding pooling or run-off of water allowed. Any ponding of precipitation must be removed within twenty-four (24) hours of discovery.

e. Landfarm inspection and maintenance must be conducted on a weekly basis or immediately following a consequential rainstorm or windstorm.

f. The facility is authorized to accept only exempt and "non-hazardous" non-exempt oilfield wastes that are generated in the state of New Mexico by Agave Energy Co. or Yates Petroleum Co.

g. At no time may any OCD-permitted surface waste management facility accept wastes that are hazardous by either listing or characteristic testing.

h. No free liquids or soils with free liquids may be accepted at the facility.

i. Soils must be disked a minimum of once every two weeks (biweekly) to enhance biodegradation of contaminants.

j. Landfarm inspection and maintenance must be conducted on a weekly basis or immediately following a consequential rainstorm or windstorm.

k. Records of all material disposed of at the facility must be maintained by the discharge plan holder.

l. The OCD offices in Santa Fe and Artesia must be notified when operation of the landfarm is discontinued for a period in excess of six (6) months or if there is a change in the configuration of the landfarm within the property covered by the discharge plan.

13. 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.

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

15. 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.

16. Storm Water Plan: The facility will have an approved storm water run-off plan by January 31, 2001.

17. Closure: The OCD will be notified when operations of the **Agave Gas Plant** are discontinued for a period in excess of six months. Prior to closure of the **Agave Gas Plant**, the Director will submit a closure plan for approval. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

18. Conditions accepted by: **Agave Energy Company**, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Agave Energy Company** 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.

Agave Energy Company

Print Name: Paul Ragsdale

Signature: Paul Ragsdale

Title: Vice President

Date: 12-1-00

Artesia Daily Press

P.O. Box 190, Artesia, NM 88211-0190
Phone: (505) 746-3524
Fax: (505) 746-8795

INVOICE

Invoice Date:	07/18/00
Invoice Number:	1061817
Customer Number:	10005610

Oil Conservation Division
2040 South Pacheco St.
Santa Fe NM 87505

DATE	TYPE	DOC NO	REF NUMBER	DESCRIPTION	# OF INS	DEPTH	RATE	AMOUNT
07/18/00	INV	1061817	A/R:1061817 Ord:10743683	**LEGAL NOTICE NOTICE OF PUBLICA** Artesia Daily Press Legal Section, LEGAL NOTICE 7/16/0 State Sales Tax **This is your First Notice! Thank You!**	 1 1	 12.62 12.62	 44.44 2.81	 44.44 2.81
							TOTAL	47.25

I hereby certify that this is a true and correct statement to the best of my knowledge.

Barbara Boaro
Bookkeeper

Please detach and return this portion with payment. To ensure proper credit to your account, please write your customer number on your check. If you have any questions about your account, please contact Accounts Receivable at (505) 746-3524.

Invoice Date	Invoice Number
07/18/00	1061817
Customer Number	
10005610	

Retail Advertising Legal 17051

PLEASE PAY: 47.25

ARTESIA DAILY PRESS
Attn: Accounts Receivable
P.O. Box 190
Artesia, NM 88211-0190

Oil Conservation Division
2040 South Pacheco St.
Santa Fe NM 87505

File GW-053

Affidavit of Publication

NO. 17051

STATE OF NEW MEXICO

County of Eddy:

Gary D. Scott being duly

sworn,says: That he is the **Publisher** of The

Artesia Daily Press, a daily newspaper of general

circulation, published in English at Artesia, said county

and county and state, and that the here to attached

Legal Notice

was published in a regular and entire issue of the said

Artesia Daily Press,a daily newspaper duly qualified

for that purpose within the meaning of Chapter 167 of

the 1937 Session Laws of the state of New Mexico for

1 consecutive weeks/days on the same

day as follows:

First Publication July 16 2000

Second Publication

Third Publication

Fourth Publication

Subscribed and sworn to before me this

16th day of July 2000

Notary Public, Eddy County, New Mexico

My Commission expires September 23, 2003

Copy of Publication:

LEGAL NOTICE

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 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-053) Agave Energy Company, Mr. Paul Ragsdale, Vice President, 105 South Fourth Street, Artesia, New Mexico, 88210, has submitted a renewal application for the previously approved discharge plan for their Yates Plant located in the SW/4 of Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico. Approximately 1000 gallons per day of wastewater is stored in closed top tanks and is transferred offsite to an OCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge to the surface is at a depth of approximately 120 feet with a total dissolved solids concentration of approximately 850 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 10th day of July 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
s-Lori Wrotenbery
LORI WROTENBERY, Director
SEAL

Published in the Artesia Daily Press, Artesia, N.M. July 16, 2000.

Legal 17051

THE SANTA FE
NEW MEXICAN
Founded 1849

NM O C D
ATTN: DONNA DOMINGUEZ

AD NUMBER: 159057 ACCOUNT: 56689
LEGAL NO: 67718 P.O.#: 00199000278
177 LINES 1 time(s) at $ 78.03
AFFIDAVITS: 5.25
TAX: 5.20
TOTAL: 88.48

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE
I, B Pierce being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper 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 #67718 a copy of which is hereto attached was published in said newspaper 1 day(s) between 07/14/2000 and 07/14/2000 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 14 day of July, 2000 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Pierce
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 14 day of July A.D., 2000

Notary Candace R. Gurton

Commission Expires 11/16/2003

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 ***10th day of July 2000.***

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
LORI WROTENBERY, Director

Legal #67718
Pub. July 14, 2000

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

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 ***10th day of July 2000.***

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

AGAVE ENERGY COMPANY

105 South Fourth Street Artesia, New Mexico 88210 (505) 748-4555 Fax (505) 748-4576

19 June 2000

Roger C. Anderson
Oil Conservation Division
2040 South Pacheco St.
Santa Fe, NM 87504

Re: Renewal of Discharge Plan GW-053

Dear Mr. Anderson:

Agave Energy Company, owner and operator of the Yates Plant, is in receipt of the Oil Conservation Division's (OCD) March 15, 2000 letter, requesting renewal of the above referenced discharge plan. By this letter, Agave Energy Company requests renewal of the discharge plan for the Yates Plant. Under the original application, Transwestern Pipeline Company (previous owner) provided all necessary and accurate information and was issued a plan by the OCD on November 9, 1990. Transwestern also applied for a renewal and received approval on September 26, 1995. During the five (5) year operating period of this approved renewal plan, the activities at the facility that are covered under this plan have remained consistent and unchanged.

Also, as required under 3-114 of the Water Quality Control Regulation, enclosed find a $50.00 nonrefundable-filing fee for this renewal application.

If you should require any additional information concerning this renewal application, contact our Engineering Department at (505) 748-4525.

Sincerely,

Paul Ragsdale

Paul Ragsdale
Vice President

cc: Greg Jokela
file

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 6/19/00,

or cash received on 7-5-00 in the amount of $ 50.00

from AGAVE ENERGY Co.

for YATES PLANT (Facility Name) GW-53 (OCP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: Ed Martin Date: 7/10/00

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal ✓

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 2000

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ___

Bank of America

32-1
1110

AGAVE ENERGY COMPANY

[redacted]

105 South Fourth Street
Artesia, New Mexico 88210
505-748-4555

DATE 6/19/2000 VENDOR NO. 666850

**********50DOLLARS***00CENTS

AMOUNT
*********50.00

PAY TO THE ORDER OF:
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO
SANTA FE NM 87505

David Chavez
Dennis P. Maupin

[redacted]

New Mexico Environment Department Revenue Transmittal — Revised 3/19/97

		Description	Fund	CES	DFA Org.	DFA Acct.	ED Org.	ED Acct.	Amount	
	1	CY Reimbursement Project _____ Tax __	064	01						1
	2	Gross Receipt Tax	064	01	2329	900000		2329134		2
	3	Air Quality Title V	092	13	1690	900000		4169134		3
	4	PRP Prepayments	248	14	9690	900000		4969014		4
	5	Climax Chemical Co.	248	14	9690	900000		4969015		5
	6	Circle K Reimbursements	248	14	9690	900000		4969248		6
	7	Hazardous Waste Permits	339	27	1690	900000		4169027		7
	8	Hazardous Waste Annual Generator Fees	339	27	1690	900000		4169339		8
	9	Water Quality - Drinking Water	340	28	1690	900000		4169028		9
	10	Water Quality - Oil Conservation Division	341	29	2329	900000		2329029	50.00	10
	11	Water Quality - GW Discharge Permit	341	29	1690	900000		4169029		11
	12	Air Quality Permits	631	31	1690	900000		4169031		12
	13	Payments under Protest	651	33	2919	900000		2919033		13
*	14	Xerox Copies	652	34	2349	900000		2349001		14
	15	Ground Water Penalties	652	34	2349	900000		2349002		15
	16	Witness Fees	652	34	2349	900000		2349003		16
	17	Air Quality Penalities	652	34	2349	900000		2349004		17
	18	OSHA Penalties	652	34	2349	900000		2349005		18
	19	Prior Year Reimbursement	652	34	2349	900000		2349006		19
	20	Surface Water Quality Certification	652	34	2349	900000		2349009		20
	21	Jury Duty	652	34	2349	900000		2349012		21
	22	CY Reimbursements (i.e.: telephone)	652	34	2349	900000		2349014		22
*	23	UST Owners List	783	24	9690	900000		4969201		23
*	24	Hazardous Waste Notifiers List	783	24	9690	900000		4969202		24
*	25	UST Maps	783	24	9690	900000		4969203		25
*	26	UST Owners Update	783	24	9690	900000		4969205		26
*	28	Hazardous Waste Regulations	783	24	9690	900000		4969207		28
*	29	Radiologic Tech. Regulations	783	24	9690	900000		4969208		29
*	30	Superfund CERCLIS List	783	24	9690	900000		4969211		30
*	31	Solid Waste Permits Fees	783	24	9690	900000		4969213		31
	32	Smoking School	783	24	9690	900000		4969214		32
*	33	SWQB - NPS Publications	783	24	9690	900000		4969222		33
*	34	Radiation Licensing Regulations	783	24	9690	900000		4969228		34
*	35	Sale of Equipment	783	24	9690	900000		4969301		35
*	36	Sale of Automobile	783	24	9690	900000		4969302		36
**	37	Lust Recoveries	783	24	9690	900000		4969614		37
**	38	Lust Prepayments	783	24	9690	900000		4969615		38
	39	Surface Water Publication	783	24	9690	900000		4969801		39
	40	Exxon Reese Drive Ruidoso - CAF	783	24	9690	900000		4969242		40
	41	Emerg. Hazardous Waste Penalties NOV	957	32	1640	900000		4164032		41
	42	Radiologic Tech. Certification	987	05	1690	900000		4169005		42
	44	UST Permit Fees	989	20	1690	900000		4169020		44
	45	UST Tank Installers Fees	989	20	1690	900000		4169021		45
	46	Food Permit Fees	991	26	1690	900000		4169026		46
	43	Other								43

* Gross Receipt Tax Required ** Site Name & Project Code Required TOTAL: 50.00

Contact Person: ED MARTIN Phone #: 827-7151 Date: 7/10/00

Received in ASD By: _____ Date: _____ RT #: _____ ST# _____

FSB025

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury
CABINET SECRETARY

Oil Conservation Div.
Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

March 15, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5050 9412

Mr. Paul Ragsdale
Agave Energy Company
105 South Fourth Street
Artesia, New Mexico 88210

RE: Discharge Plan Renewal Notice for Agave Energy Company Facility

Dear Mr. Ragsdale:

Agave Energy Company has the following discharge plan which expires during the current calendar year.

GW-053 expires 11/9/2000 – Yates Gas Plant

WQCC 3106.F. If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $50.00 plus a flat fee equal to one-half of the original flat fee for gas plant facilities. The $50.00 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Artesia District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** (A copy of the discharge plan application form is enclosed to aid you in preparing the renewal application. A complete copy of the regulations is available on OCD's website at **www.emnrd.state.nm.us/ocd/**).

ATTACHMENT TO DISCHARGE PLAN GW-53 RENEWAL
Agave Energy Company - Yates Natural Gas Plant
DISCHARGE PLAN REQUIREMENTS
(February 28, 1996)

1. **Tank Berming**: All tanks that contain materials other than fresh water that, if released, could contaminate surface or ground water or the environment will be bermed to contain 1 1/3 times the capacity of the tank or 1 1/3 times the volume of all interconnected tanks.

2. **Drum Storage**: All drums will be stored on pad and curb type containment.

3. **Spills**: All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1203 and OCD Rule 116.

4. **Modifications**: All proposed modifications that include the construction of any below grade facilities or the excavation and disposal of wastes or contaminated soils will have OCD approval prior to excavation, construction or disposal.

5. Paul Ragsdale — 3-8-96
Company Representative — **Date**

Vice President
Title

RECEIVED
MAR 12 1996
Environmental Bureau
Oil Conservation Division

AGAVE ENERGY COMPANY

105 South Fourth Street Artesia, New Mexico 88210 (505) 748-1471 Fax (505) 748-4576

'96 FEB 1? 8 52

February 13, 1996

RECEIVED
FEB 16 1996
Environmental Bureau
Oil Conservation Division

Roger Anderson
Oil Conservation Division
2040 South Pacheco St.
Santa Fe, NM 87504

Re: OCD Discharge Plans

Dear Roger:

Agave Energy has purchased certain gathering system assets in Chaves and Eddy Counties, The following facilities are covered under an approved OCD Discharge Plan:

Yates Plant in Eddy County
Red Bluff Gas Treating Systems in Chaves County

Operations will continue as before except that your agency should contact me for information at:

Paul Ragsdale
Agave Energy Company
105 South Fourth Street
Artesia, NM 88210
505-748-4520

Sincerely,

Paul Ragsdale

Paul Ragsdale
Vice President

Enclosure

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
January 25, 1996 6381 North Main • Roswell, New Mexico 88201

Mr. Paul Ragsdale
Agave Energy Company
105 S. 4th Street
Artesia, New Mexico 88210

Re: OCD Discharge Plan Change in Ownership Notification

Dear Paul:

With the purchase of gathering assets from Transwestern Pipeline Company by Agave, certain facilities within that purchase were permitted by the Oil Conservation Division (OCD) under an approved discharge plan. The facilities are as follows:

Yates Plant
Enron 6- (Arsenic Treating facilities in the Red Bluff system)

Under the current regulatory scheme, ownership transfer of any property under an approved discharge plan must notify the OCD agency in Santa Fe at the following address, and apprise them of the new ownership status:

Oil Conservation Division
2040 South Pacheco St.
Santa Fe, New Mexico 87504

Atten: Roger Anderson

Also, please be advised that disposal activities involving any non exempt waste, requires written approval by the OCD prior to removal of the waste from the facility.

If I can be of any further assistance, contact our Roswell office of Operations and Commercial Support at (505) 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Lou Soldano
OCD Office, Santa Fe, New Mexico

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

COPY

January 25, 1996

Mr. Paul Ragsdale
Agave Energy Company
105 S. 4th Street
Artesia, New Mexico 88210

Re: OCD Discharge Plan Change in Ownership Notification

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Enron 6- (Arsenic Treating facilities in the Red Bluff system)

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Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Lou Soldano
OCD Office, Santa Fe, New Mexico

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

January 25, 1996

OIL CONSERVATION DIVISION
RECEIVED
'96 FEB 1 AM 8 52

RECEIVED
FEB 2 1996
Environmental Bureau
Oil Conservation Division

Mr. Paul Ragsdale
Agave Energy Company
105 S. 4th Street
Artesia, New Mexico 88210

Re: OCD Discharge Plan Change in Ownership Notification

Dear Paul:

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Enron 6- (Arsenic Treating facilities in the Red Bluff system)

Under the current regulatory scheme, ownership transfer of any property under an approved discharge plan must notify the OCD agency in Santa Fe at the following address, and apprise them of the new ownership status:

Oil Conservation Division
2040 South Pacheco St.
Santa Fe, New Mexico 87504

Atten: Roger Anderson

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Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Lou Soldano
OCD Office, Santa Fe, New Mexico

OIL CONSERVATION DIVISION

September 18, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-963-050

Mr. Larry Campbell-Technical Operations
Transwestern Pipeline Company
6381 North Main
Roswell, NM 88201

Re: Disposal Request
Yates Plant GW-53
Eddy County, New Mexico

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received your request letter dated September 8, 1995, for approval to remove and dispose of approximately 2800 pounds of spent charcoal filter media generated from the sweetening of natural gas at the Yates Plant (GW-53). **Based on the information provided, your disposal request is approved.**

Please be advised that this approval does not relieve you of liability should your operation result in pollution of surface or groundwater or the environment.

If there are any questions on this matter, please contact me at (505) 827-7156.

Sincerely,

Patricio W. Sanchez,
Petroleum Engineer

XC: OCD - Artesia

II. All handlers of waste streams for offsite disposal need to listed. All liquid waste stream volumes on a gallons per month basis need to be listed in terms of an average.

NOTE: Transwestern Pipeline Company should be able to provide this information based on operating knowledge gained over the last five years of the permit.

III. Non-exempt wastes cannot not be diposed of at class II injection wells - These wastes may be taken to an OCD permitted surface waste management facility. They must be non-hazardous by characteristics.

IV. This facility should have been charged the flat fees for a gas plant because of DGA train that is in operation - this facility will therefore be reclassified as a gas plant.

Submittal of the requested information and commitments within thirty (30) days of receipt of this letter will expedite the final review of the application and approval of the discharge plan.

If you have any questions, please feel free to call me at (505)-8

Sincerely,

Patricio W. Sanchez
Petroleum Engineer

xc: Environmental Representative District II

Z 765 963 050

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	GW-53 - filter
Street and No.	R&R
P.O., State and ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, March 1993

UNITED STATES POSTAL SERVICE

Official Business

'95 SEP 22 AM 8 32

Print your name, address and ZIP Code here

Environmental Bureau
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

AFFIDAVIT OF PUBLICATION

No. 35064

STATE OF NEW MEXICO
County of San Juan:

ROBERT LOVETT being duly sworn says: That he is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Tuesday, July 18, 1995

and the cost of publication was: $90.26

Robert Lovett

On 7/19/95 ROBERT LOVETT appeared before me, whom I know personally to be the person who signed the above document.

Mary L. Ward

My Commission Expires March 21, 1998

COPY OF PUBLICATION

Legals

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 Regulation the following discharge plan and renewal applications have been submitted to the Director of th Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (50 827-7131:

(GW-52) - TRANSWESTERN PIPELINE COMPANY, Mr. Larry Campbell, 505-625-8022, P.O. BOX 1717, Roswell, NM, 88202-1717 has submitted a Renewal discharge plan application for their Roswell Compressor Station located in the SW/4 SW/4, Section 21, Township 9 South, Range 24 East, NMPM, Chaves County, New Mexico. Approximately 1000 gallons per day of wastewater will be transferred to an offsite livestock watering tank. The wastewater has a total dissolved solids concentration of about 1250 mg/L. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 240 feet with- a total dissolved solids concentration of approximately 1,551 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-53) - TRANSWESTERN PIPELINE COMPANY, Mr. Larry Campbell, 505-625-8022, P.O. BOX 1717, Roswell, NM, 88202-1717 has submitted a Renewal discharge plan application for their Yates Plant located in the SW/4, Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico. Approximately 1000 gallons per day of wastewater is stored in closed top tanks and is transferred offsite to an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 120 feet with a total dissolved solids concentration of approximately 850 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-210) - WILLIAMS FIELD SERVICE, Ms. Leigh Gooding, 801-584-6543, P.O. BOX 58900, M.S. 2G1, Salt Lake City, Utah, 84158-0900 has submitted a discharge plan application for their Hampton Straddle Compressor station located in the SW/4 SE/4, Section 11, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. The total wastewater discharge will be about 138 gallons/day, this water will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 2,000 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 ma submit written comments to the Director of the Oil Conservation Division at the address give above. The discharge plan application may be viewed at the above address between 8:00 a.r and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modi cation, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the da of publication of this notice during which comments may be submitted to him and public hearin may be requested by any interested person. Requests for public hearing shall set forth the reaso why a hearing should be held. A hearing will be held if the Director determines there is significa public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on formation available. If a public hearing is held, the director will approve or disapprove the propos 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, this 10th day of July, 1995.

STATE OF NEW MEXIC
OIL CONSERVATION DIVISIC

/s/ William J LeM
WILLIAM J. LEMAY, Directc

SEAL

Legal No. 35064 published in The Daily Times, Farmington, New Mexico, Tuesday, July 18, 1995.

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

September 8, 1995

Mr. Roger Anderson
Oil Conservation Division
2040 South Pacheco St.
Santa Fe, New Mexico 87504

Re: Disposal of Spent Charcoal

Dear Mr. Anderson:

Transwestern Pipeline Company, owner and operator of the Yates Plant (GW-053), a natural gas processing facility, requests approval from the Oil Conservation Division to dispose of oil and gas wastes generated during the sweetening of natural gas at the above referenced facility. The waste consists of approximately 2800 pounds of spent charcoal filter media used to remove contaminants from the natural gas as it is received from the exploration and production area.

The method which has been selected for disposal is to surface apply the spent charcoal over the facility's landfarm which is currently in operation and permitted by the Oil Conservation Division.

Should you need any additional information concerning this request, contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Joe Hulscher
Rich Jolly
Artesia Team
file

Verbal approval
Given on 9/18/95
at 12:35 pm by PLW.
will send a letter to
formalize.

AFFIDAVIT OF PUBLICATION

County of Chaves
State of New Mexico

I, Jean M. Pettit,
Bus. Manager,

Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico, do solemnly swear that the clipping hereto attached was published once a week in the regular and entire issue of said paper and not in a supplement thereof for a period
of: one time weeks
.....
beginning with issue dated
July 17th , 1995
.....
and ending with the issue dated
July 17th , 1995
.....

Jean M. Pettit
Manager

Sworn and subscribed to before me

this 17th day of
.....
July ,1995
.....

Marylon L. Shipley
Notary Public

My Commission expires
July 25, 1998
(SEAL)

Publish July 17, 1995

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 and renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-52)-TRANSWESTERN PIPELINE COMPANY, Mr. Larry Campbell, 505-625-8022, P.O. BOX 1717, Roswell, NM, 88202-1717 has submitted a Renewal discharge plan application for their Roswell Compressor Station located in the SW/4 SW/4, Section 21, Township 9 South, Range 24 East, NMPM, Chaves County, New Mexico. Approximately 1000 gallons per day of wastewater will be transferred to an offsite livestock watering tank. The wastewater has a total dissolved solids concentration of about 1250 mg/l. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surfact is at a depth of approximately 240 feet with a total dissolved solids concentration of approximately 1,551 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-53)-TRANSWESTERN PIPELINE COMPANY, Mr. Larry Campbell, 505-625-8022, P.O. BOX 1717, Roswell, NM, 88202-1717 has submitted a Renewal discharge plan application for their Yates Plant located in the SW/4, Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico. Approximately 1000 gallons per day of wastewater is stored in closed top tanks and is transferred offsite to an OCD approved facility; Groundwater most lively to be affected by a spill, leak, or accidental discharge to the surfact is at a depth of approximately 120 feet with a total dissolved solids concentration of approximately 850 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-210)-WILLIAMS FIELD SERVICE, Ms. Leigh Gooding, 801-584-6543, P.O. BOX 58900, M.S. 2G1, Salt Lake City, Utah 84158-0900 has submitted a discharge plan application for their Hampton Straddle Compressor station located in the SW/4 SE/4, Section 11, Township 30 North, Range 11, West NMPM, San Juan County, New Mexico. The total wastewater discharge will be about 138 gallons/day, this water will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surfact is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 2,000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surfact 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 the 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 public hearing may be requested by any interested person. Requests for 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 Sante Fe, New Mexico, on this 10th day of July, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
/S/ william j lemay,

SEAL

WILLIAM J. LEMAY, Director

NOTICE OF PUBLICATION
STATE OF [illegible]
ENERGY [illegible]
NATURAL [illegible]
DEPARTMENT
OIL CONSERVATION DIVISION

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(GW-63) - TRANSWESTERN PIPELINE COMPANY, Mr. Larry Campbell, 505-625-8022, P.O. BOX 1717, Roswell, NM, 88202-1717 has submitted a Renewal discharge plan application for their Yates Plant located in the SW/4 Section 25, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 1000 gallons per day of wastewater is stored in closed top tanks and is transferred offsite. Prior DCD approved facility's groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth [illegible] Approximately [illegible] mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-210) - WILLIAMS FIELD SERVICES, Mr. Leigh Godbey, 801-584-6[illegible], P.O. BOX 58900, Salt Lake City, Utah 84158-0900 has submitted a discharge plan application for their Hampton Eddie Compressor Station located in the SW/4 SE/4 Section [illegible], Township 20 North, Range [illegible], NMPM, San Juan County, New Mexico. The discharge will consist of [illegible] gallons per day of wastewater that will be collected in a closed top tank and transported offsite to a DCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge to the surface is at a depth of approximately [illegible] feet with a total dissolved solids concentration of approximately [illegible] 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 public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is a 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 10th day of July, 1995

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
s/WILLIAM J. LEMAY, Director

Journal: July 15, 1995

RECEIVED
AUG - 7 1995
OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
County of Bernalillo SS

Bill Tafoya being duly sworn declares and says that he is Classified Advertising manager of **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being of the 15 day of July, 1995, and the subsequent consecutive publications on _____, 1995

Bill Tafoya

Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 17 day of July 1995

OFFICIAL SEAL
Corrina Duncan
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 12-8-98

Corrina Duncan

PRICE $4.40

Statement to come at end of month.

CLA-22-A (R-1/93) ACCOUNT NUMBER 83537

OIL CONSERVATION DIVISION

August 3, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-963-101

Mr. Larry Campbell
Technical Operations
Transwestern Pipeline Company
6381 North Main
Roswell, NM 88201

RE: Discharge Plan GW-53
Yates Plant - Renewal
Eddy County, New Mexico

Dear Mr. Campbell:

The NMOCD has received the proposed Yates Plant Station discharge plan renewal application for the facility located in SW/4 , Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico. The application filing fee in the amount of $50 was received by the NMOCD along with the discharge plan renewal application. The NMOCD has prepared and sent out the public notice for the Yates Plant facility as stated in WQCC section 3-108. NMOCD has conducted a preliminary review of the proposed discharge plan renewal as received from Transwestern Pipeline Company on May 12, 1995.

The following comments and request for additional information are based on the review of the Transwestern Renewal application. **Please note that unless otherwise stated, response to all comments shall be received and reviewed by the OCD prior to approval of the discharge plan application.** The response shall be sent to the NMOCD thirty (30) after receipt of this letter.

I. In the renewal letter dated May 8, 1995 Mr. Campbell requested that the permit be renewed based on the permit that was issued November 9,1990 by the NMOCD.

Comment: The permit shall include the November 9, 1990 permit as well as the March 21 , 1991; November 21, 1991; and March 23, 1993 Modifications by NMOCD.

NOTE: The November 9, 1990 approval included the April 9, August 16, and September 26, 1990 supplements from Transwestern. The Approval should have also included the October 31, 1990 supplement from Transwestern - This Supplement shall also become part of the 1995 permit renewal.

1. LEGALS

Publish July 17, 1995

NOTICE OF PUBLICATION

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

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(GW-210)-WILLIAMS FIELD SERVICE, Ms. Leigh Gooding, 801-584-6543, P.O. BOX 58900, M.S. 2G1, Salt Lake City, Utah 84158-0900 has submitted a discharge plan application for their Hampton Straddle Compressor station located in the SW/4 SE/4, Section 11, Township 30 North, Range 11 West NMPM, San Juan County, New Mexico. The total wastewater discharge will be about 138 gallons/day, this water will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 2,000 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 the 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 public hearing may be requested by any interested person. Requests for 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 Sante Fe, New Mexico, on this 10th day of July, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
/S/ william j lemay,

SEAL

WILLIAM J. LEMAY, Director

Publish July 17, 24, 1995

FIFTH JUDICIAL DISTRICT
COUNTY OF CHAVES
STATE OF NEW MEXICO

IN THE MATTER OF THE ESTATE OF

KENNETH C. DENNIS, Deceased. No. PB-94-79

TO: DOROTHY C. DENNIS, ANNA GALLUP, LAURA GALLUP

Publish July 17, 24, 1995

IN THE PROBATE COURT
COUNTY OF CHAVES
STATE OF NEW MEXICO

IN THE MATTER OF THE ESTATE

OF NO. 7996

ARTHUR T. FREUDENBERGER, DECEASED.

NOTICE TO CREDITORS

The undersigned has been appointed Personal Representative of Arthur T. Freudenberger, deceased. All persons having claims against this estate are required to present their claims (i) within two months after the date of the first publication of this notice, or (ii) within two months after the mailing or delivery of this notice, whichever is later, or be forever barred.

/s/llima e freudenberger
Llima E. Freudenberger
700 East Vista Parkway
Roswell, NM 88201

Publish July 13, 14, 16, 17, 1995

BID NOTICE

JANITORIAL SERVICE: The Chaves County Community Action Program is currently accepting bids for janitorial services for it's facility located at 209 E. Hendricks, Roswell. Deadline for bids is July 20, 1995. Interested bidders may obtain bid information by contacting Sam Parker at 209 E. Hendricks or calling 623-1782 in Roswell.

5. Special Notices

WITNESS WANTED! If you witnessed the accident at Lea and Second on Thursday 6/29/95 at 4:38PM, please call 623-3799

15. Personals Special Notice

BANKRUPTCY
Free consultation, prompt filing, payment terms, call for estimate.
Harry G. W. Griffith
Albuquerque
1-800-894-1018

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A NEW YOU!
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DIVORCE, BANKRUPTCY, case preparation, reasonable rates. 625-0059.

25. Lost and

45. Jobs of Interest Male - Female

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Paid Sick Days
Paid Holidays and Vacation Days
Optional Dental and Disability Insurance
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SEND RESUMES TO:
ATTN: JERRY TREVINO
810 TRAILING HEART ROAD
ROSWELL, NM 88210

The values you can find in the classified pages.

JOURNEYMAN ELECTRICIAN. We want an individual who wants a career, not just a job. License, Experience and tools a must. Need a self-starting individual who loves to work. Call Angelos Electric at 622-6637.

POSITION OPEN for a professional person as Sales/Marketing Representative in Roswell and in surrounding area. Sales and service experience required. Must be willing to travel. Professional appearance and attitude a must.Send resume to:

Record Reply Box 19599
Attention Sales
P.O. Box 1897
Roswell, NM 88202

EARN UP TO $1,000 weekly stuffing envelopes at home. Start now, no experience, free supplies, INFORMATION, no obligation. Send self addressed stamped envelope to: BUCKS, Dept.15, 8407 Bandera Road, Suite 133-217, San Antonia, TX 78250.

DOMINO'S PIZZA
Accepting applications for drivers and manager trainees. Have more fun and make more money ($5-$10 hourly) working for the leader in the pizza delivery business! Must have car, insurance and be at least 18. EOE. Apply in person:
1124 South Union
2417 North Main.

RN OR LPN, 25 hour per week for disabled 18 year old. Artesia loca-

Affidavit of Publication

No. 15183

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive weeks on the same day as follows:

First Publication July 18, 1995

Second Publication

Third Publication

Fourth Publication

Subscribed and sworn to before me this 20th day of July 19 95

Barbara Ann Brown
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1996

Copy of Publication

TRANSWESTERN PIPELINE COMPANY, Mr. Larry Campbell, 505-625-8022, P.O. Box 1717, Roswell, NM, 88202-1717 has submitted a Renewal discharge plan application for their Yates Plant located in the SW/4, Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico. Approximately 1000 gallons per day of wastewater is stored in closed top tanks and is transferred offsite to an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 120 feet with a total dissolved solids concentration of approximately 850 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of July, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
s-William J. LeMay
WILLIAM J. LEMAY
Director

SEAL

Published in the Artesia Daily Press, Artesia, New Mexico July 18, 1995.

Legal 15183

LEGAL NOTICE

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 and renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131.

(GW-52) - TRANSWESTERN PIPELINE COMPANY, Mr. Larry Campbell, 505-625-8022, P.O. Box 1717, Roswell, NM, 88202-1717 has submitted a Renewal discharge plan application for their Roswell Compressor Station located in the SW/4 SW/4, Section 21, Township 9 South, Range 24 East, NMPM, Chaves County, New Mexico. Approximately 1000 gallons per day of wastewater will be transferred to an offsite livestock watering tank. The wastewater has a total dissolved solids concentration of about 1250 mg/1. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 1,551 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-53) -

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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 10th day of July, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

WILLIAM J. LEMAY, Director

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal | Time 9:40 AM | Date 7-10-95

Originating Party: Pat Sanchez - NMOCD

Other Parties: 457-2568 ED Forlines - Yates Plant Operator.

Subject: Waste water containment - that used to go to new closed concrete pond.

Discussion: Told ED that I could not get ahold of Larry campbell - I need to know where waste water goes that used to go to concrete Evaporation pond. He told me that it goes to two 210 bbl closed top API spec. tanks. w/ secondary containment.

Conclusions or Agreements: Thank you for you information. Now I can publish public ~~your pit~~ Notice.

Distribution

Signed Patricia A. Sanchez

OIL CONSERVATION DIVISION

July 6, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-719

Mr. Larry Campbell-Technical Operations
Transwestern Pipeline Company
6381 North Main
Roswell, NM 88201

Re: Disposal Request
Yates Plant GW-53
Eddy County, New Mexico

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received your request on June 30, 1995, for approval to remove and dispose of approximately 2800 pounds of spent charcoal filter media generated from the sweetening of natural gas at the Yates Plant (GW-53). Based on the information provided, your disposal request is approved.

Please be advised that this approval does not relieve you of liability should your operation result in pollution of surface or groundwater or the environment.

If there are any questions on this matter, please contact me at (505) 827-7156.

Sincerely,

Patricio W. Sanchez,
Petroleum Engineer

XC: OCD - Artesia

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

July 26, 1995

Mr. Roger Anderson
Oil Conservation Division
2040 South Pacheco St.
Santa Fe, New Mexico 87504

Re: Disposal of Spent Charcoal

Dear Mr. Anderson:

Transwestern Pipeline Company, owner and operator of the Yates Plant (GW-053), a natural gas processing facility, requests approval from the Oil Conservation Division to dispose of oil and gas wastes generated during the sweetening of natural gas at the above referenced facility. The waste consists of approximately 2800 pounds of spent charcoal filter media used to remove contaminants from the natural gas as it is received from the exploration and production area.

The method which has been selected for disposal is to surface apply the spent charcoal over the facility's landfarm which is currently in operation and permitted by the Oil Conservation Division.

Should you need any additional information concerning this request, contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Greg McIlwain
Rich Jolly
Artesia Team
file

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal | Time 9:00 AM | Date 6-28-95

Originating Party	Other Parties
LARRY CAMPBELL	

Subject ENRON YATES PLANT (GW-53) - CHARCOAL DISPOSAL

Discussion LARRY ASKED FOR VERBAL TO DISPOSE OF THE CHARCOAL MEDIA AT THEIR LANDFARM. I GAVE HIM VERBAL, AND HE SAID HE WOULD FOLLOW UP WITH A REQUEST LETTER. GW-53 IS PAT SANCHEZ PLANT, SO I INFORMED HIM AND HE SAID HE WILL FOLLOW UP ON THE APPROVAL

Conclusions or Agreements

Distribution

Signed Mark Ashley

Phone (505) 623-2761
FAX (505) 625-8060

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

May 08, 1995

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Re: Renewal of Discharge Plan GW-053

Dear Mr. Anderson:

Transwestern Pipeline Company (Transwestern), owner and operator of the Yates Plant, is in receipt of the Oil Conservation Division's (OCD) March 21, 1995 letter, requesting renewal of the above referenced discharge plan. By this letter, Transwestern requests renewal of the discharge plan for the Yates Plant. Under the original application, Transwestern provided all necessary and accurate information and was issued a plan by the OCD on November 9, 1990. During the five (5) year operating period of this approved plan, the activities at the facility which are covered under this plan have remained consistent and unchanged.

Also, as required under 3-114 of the Water Quality Control Regulations, enclosed find a $50.00 nonrefundable filing fee for this renewal application.

If you should require any additional information concerning this renewal application, contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Greg McIlwain
Rich Jolly
Artesia Team
file

Pat

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 5/8/95,
or cash received on 5/12/95 in the amount of $ 5000
from Transwestern Pipeline Co
for Yates Plant (Facility Name) GW053 (DP No.)
Submitted by: _____ Date: _____
Submitted to ASD by: Roger Alnder Date: 5/12/95
Received in ASD by: _____ Date: _____
Filing Fee X New Facility ___ Renewal ___
Modification ___ Other _____ (specify)
Organization Code 521.07 Applicable FY 95

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

CHECK NO. [redacted]

ENRON CORP

TRANSWESTERN PIPELINE COMPANY
P. O. BOX 1188
HOUSTON, TEXAS 77251-1188

DATE MAY 8, 1995

PAY EXACTLY FIFTY DOLLARS & 00/100---------- DOLLARS $ 50.00
This check is VOID unless printed on BLUE background

PAY TO THE ORDER OF NMED WATER QUALITY MANAGEMENT

Greg McElvain

NOT VALID OVER $5,000 UNLESS COUNTERSIGNED

NORWEST BANK GRAND JUNCTION

[redacted]

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

March 21, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-796

Mr. Larry Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

RE: Discharge Plan GW-053 Renewal
Yates Compressor Station
Chavez County, New Mexico

Dear Mr. Campbell:

On November 9, 1990, the groundwater discharge plan, GW-053, for the Yates Compressor Station located in the SW/4, Sections 35, Township 18 South, Range 25 East, NMPM, Chavez County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. The approval will expire on November 9, 1995.

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operation, you must renew your discharge plan. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several months. Please indicate whether you have made, or intend to make, any changes in you system, and if so, please include these modifications in your application for renewal.

To assist you in preparation of your application, I have enclosed an application form and a copy of the OCD's Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Plants and a copy of the WQCC regulations. Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Artesia District Office. Note that the completed and signed application form must be submitted with your discharge plan renewal request.

The discharge plan renewal application for the Yates Compressor Station is subject to the WQCC Regulations 3-114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (50) dollars plus one-half of the flat fee for compressor stations based on the combined horsepower at the facility.

The (50) dollar filing fee is to be submitted with discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

If you no longer have any actual or potential discharges a discharge plan is not need, please notify this office. If you have any questions regarding this matter, please do not hesitate to contact Patricio Sanchez at (505) 827-7156.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

xc: OCD Artesia Office

Z 765 962 796

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
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Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, March 1993

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

BRUCE KING
GOVERNOR

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

December 28, 1994

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-286

Mr. Larry Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

Re: Disposal Request
Yates Plant (GW-53)
Eddy County, New Mexico

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received your request, dated November 20, 1994, for approval to remove and dispose of approximately 117 drums of spent charcoal generated from the sweetening of natural gas at the Yates Plant (GW-53). Based upon the information provided, your disposal request is approved.

Please be advised that this approval does not relieve you of liability should your operation result in actual pollution of surface or groundwater or the environment actionable under other laws and/or regulations.

If you have any questions, please do not hesitate to call me at (505) 827-5824.

Sincerely,

Chris E. Eustice
Environmental Geologist

xc: OCD - Artesia Office

Transwestern Pipeline Company
An ENRON Company
Better, Faster, Simpler

Phone (505) 623-2761
FAX (505) 625-8060

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

October 20, 1994

Mr. Roger Anderson
Oil Conservation Division
State Land Office Building
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Re: Disposal of Spent charcoal

Dear Mr. Anderson:

Transwestern Pipeline company requests approval from the Oil Conservation Division (OCD) to dispose of oil and natural gas wastes (spent charcoal) generated from natural gas processing activities. This request specifically addresses approval to dispose of approximately 117 drums of spent charcoal generated from the sweetening of natural gas at the Yates Plant (GW 53). The proposed location for disposal of the charcoal is into the OCD permitted landfarm which is present at the facility.

It is the intent of Transwestern to surface apply the charcoal into the soils which are presently in the existing landfarm to an approximate depth of six (6) inches. The charcoal will then be mixed and incorporated with the soils.

Should you require any additional information concerning this project, contact our Roswell Technical Operations at (505) 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Greg McIlwain
Rich Jolly
Omer Parker
file

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

March 23, 1993

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO.P-111-334-184

Mr. Larry Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

RE: Proposed Modifications for Landfarm Permit Conditions

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received your request, dated February 7, 1993. to modify the conditions of your permit to landfarm at the following facilities:

Yates Plant
Red Bluff No. 3 Compressor Station
Compressor Station No. 8, Corona
Compressor Station WT-1, Carlsbad

You propose to apply irrigation water to each of the above landfarms to enhance bioremediation of the hydrocarbon contaminated soils present in each treatment area.

The proposed modifications to the conditions of your permit to landfarm are hereby approved with the following additional conditions:

1) Fresh water will be added as necessary to enhance bioremediation.

2) There will be no ponding, pooling or run-off of water allowed.

3) Any ponding of precipitation will be removed within twenty-four (24) hours of discovery.

If you have any questions pertaining to this matter call me at (505) 827-5812.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/cee

xc: OCD Aztec Office

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

Phone (505) 623-2761
FAX (505) 625-8060

February 7, 1993

Mr. Roger Anderson
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

Transwestern Pipeline Company (TPC) requests approval from the Oil Conservation Division (OCD) to modify permit conditions for landfarming operations at the following OCD approved landfarm sites:

Facility	Discharge Permit No.
Yates Plant	GW- 53
Red Bluff No. 3 Compressor Station	Not Issued
Compressor Station No. 8, Corona	GW- 89
Compressor Station Wt-1, Carlsbad	GW- 109

Specifically, TPC requests approval to apply irrigation water to each of the above landfarms to enhance bioremediation of the non hazardous hydrocarbon contaminated soils present in each treatment area. Approval of this request will allow the contaminated levels in the soils to be lowered more quickly to below regulatory levels. This, in turn, will allow TPC to more quickly and efficiently complete soil remediation activities in New Mexico.

As a condition to this approval, the irrigation will be uniformly applied over the soil surface only to saturation and will not be allowed to "puddle" or stand in the landfarm for an extended period of time. In addition, irrigation volumes will not breech or exceed the height of the existing landfarm berms.

Should you require any additional information, I can be contacted at our Roswell Technical Operations Office at 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

xc: Doc Alpers
Greg McIlwain
Rich Jolly
Roger LaLonde
Lou Soldano Enron Legal
file

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

July 27, 1992

BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-242-125

Mr. Larry Campbell, Compliance Environmentalist
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

Re: Waste Disposal
Yates Compressor Station
Eddy County, New Mexico

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received your request, dated May 28 1992, for approval to dispose of approximately 70,140 gallons of liquid waste generated from the cleaning process of the amine unit. The analysis of the waste shows it to be non-hazardous. Based on the information contained in your request, disposal of the waste in an OCD approved facility is approved.

Please be advised that this approval does not relieve you of liability should your operation result in actual pollution of surface or ground waters or the environment actionable under other laws and/or regulations.

If you have any questions, please call me at (505) 827-5812.

Sincerely:

Roger C. Anderson
Environmental Engineer

xc: OCD Artesia Office
Chris Eustice - OCD

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

Phone (505) 623-2761
FAX (505) 625-8060

May 28, 1992

Mr. Roger Anderson
Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

Transwestern Pipeline Company requests from the Oil Conservation Division (OCD) approval to dispose of oil and gas wastes from the Yates Plant, which is currently operating under the approved Discharge Plan GW-53.

This request specifically addresses removal and disposal of approximately 70,140 gallons of liquids utilized in the cleaning of the amine treating unit at this facility. Attached with this request is an analysis of the toxicity characteristic (TC) parameters confirming the nonhazardous status of the liquid waste.

It is the intent of Transwestern Pipeline Company to remove this waste from the facility and dispose of the liquids in an OCD approved evaporation pit or Class II injection well.

If you should require any additional information concerning approval of this waste stream, contact me at 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Compliance Environmentalist

xc: Doc Alpers
Bill Nolan
Omer Parker

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109
3711 Admiral, Suite C • El Paso, Texas 79925

REPORT

Work Order # 92-05-009

Received: 04/23/92

05/20/92 15:44:27

REPORT TO: ENRON/TRANSWESTERN PIPELINE
2605 WEST MAIN
ARTESIA, NM 88210

ATTEN: OMER PARKER

CLIENT: ENR13 SAMPLES: 1
COMPANY: ENRON/TRANSWESTERN PIPELINE
FACILITY: ARTESIA NM 88210
ENR13 ARTESIA WAREHOUSE

WORK ID: TANKS YATES PLANT
TAKEN: 4/22/92 REFERENCE WO# 4205
TRANS: UPS
TYPE: SOIL
P.O. #:
INV. #: 914111

PREPARED BY: Assaigai Analytical Labs
7300 Jefferson NE
Albuquerque, NM 87109

ATTEN: SYED RIZVI
PHONE: (505)345-8964

Syed Rizvi
CERTIFIED BY

CONTACT: LAB MANAGER

DEFINITIONS FOR ABBREVIATIONS ON REPORT:
ND = None Detected D F = Dilution Factor NT = Not Tested
MULTIPLY THE LIMIT BY THE DILUTION FACTOR FOR THE SAMPLE LIMIT, WHERE APPLICABLE.

Previously Reported on 05/20/92.
First Reported on 05/19/92.

SAMPLE IDENTIFICATION

01 Yates YP 021

TEST CODES and NAMES used on this workorder

01LIST	TCLP O ENRON/Semivolatiles
02LIST	TCLP O ENRON/Volatiles
TCLPXX	TCLP Extraction
TCLPZX	TCLP Zero Head Extraction

COPY

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ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109
3711 Admiral, Suite C • El Paso, Texas 79925

REPORT

Work Order # 92-05-009

Received: 04/23/92

Results by Sample

SAMPLE ID Yates YP 021 SAMPLE # 01 FRACTIONS: A

Date & Time Collected 04/22/92 Category LIQUID

TCLPXX	N/A	TCLPZX	N/A
	N/A		N/A

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ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109
3711 Admiral, Suite C • El Paso, Texas 79925

REPORT

Work Order # 92-05-009

Received: 04/23/92

Results by Sample

SAMPLE ID Yates YP 021 FRACTION 01A TEST CODE 01LIST NAME TCLP O ENRON/Semivolatiles
Date & Time Collected 04/22/92 Category LIQUID

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Pyridine	ND	0.0010	1.0	05/01/92
O-Cresol	ND	0.0010	1.0	05/01/92
M-Cresol	ND	0.0010	1.0	05/01/92
P-Cresol	ND	0.0010	1.0	05/01/92
2,4,5-Trichlorophenol	ND	0.0010	1.0	05/01/92
Hexachlorobenzene	ND	0.0010	1.0	05/01/92
Hexachloro-1,3-Butadiene	ND	0.0010	1.0	05/01/92
Hexachloroethane	ND	0.0010	1.0	05/01/92
2,4,6-Trichlorophenol	ND	0.0010	1.0	05/01/92
Pentachlorophenol	ND	0.0010	1.0	05/01/92
1,4-Dichlorobenzene	ND	0.0010	1.0	05/01/92

Notes and Definitions for this Report:

EXTRACTED 04/28/92
ANALYST JS
FILE ID 9205009
UNITS MG/L
BATCH_ID N/A
COMMENTS N/A

ASSAIGAI
ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109
3711 Admiral, Suite C • El Paso, Texas 79925

REPORT

Work Order # 92-05-009

Received: 04/23/92

Results by Sample

SAMPLE ID Yates YP 021 FRACTION 01A TEST CODE O2LIST NAME TCLP O ENRON/Volatiles
Date & Time Collected 04/22/92 Category LIQUID

PARAMETER	RESULT	LIMIT	D_F	DATE_ANAL
Benzene	0.425	0.0010	1.0	05/01/92
Carbon Tetrachloride	ND	0.0010	1.0	05/01/92
Chlorobenzene	ND	0.0010	1.0	05/01/92
1,2-Dichloroethane	ND	0.0010	1.0	05/01/92
1,1-Dichloroethylene	ND	0.0010	1.0	05/01/92
Tetrachloroethylene	ND	0.0010	1.0	05/01/92
Trichloroethylene	ND	0.0010	1.0	05/01/92
Vinyl Chloride	ND	0.0010	1.0	05/01/92
1,4-Dichlorobenzene	ND	0.0010	1.0	05/01/92
Methyl Ethyl Ketone	ND	0.0010	1.0	05/01/92

Notes and Definitions for this Report:

EXTRACTED 04/28/92
ANALYST JS
FILE ID 9205009
UNITS MG/L
BATCH_ID N/A
COMMENTS N/A

TRANSWESTERN PIPELINE COMPANY

CHAIN OF CUSTODY

District: Roswell Date: 4/22/92

Sample Location Valve or Receiver No.	Vol. Collect. During Flush	Sampler
Tanks Yates Plant		Omer Parker

SAMPLE ID NUMBER	SOLVENT USED	SAMPLE ICED	ANALYSES REQUESTED
Yates YP C21	Tanks Yates	Plant	TCLP-O

Relinquished By Omer Parker Date 4/22/92
Relinquished To U.P.S Date 4/22/92

Relinquished By _____ Date _____
Relinquished To _____ Date _____

Relinquished By _____ Date _____
Relinquished To _____ Date _____

Relinquished By _____ Date _____
Relinquished By _____ Date _____

Laboratory: Assaigai
Received: CJ Date 4/23/92

ASSAIGAI ANALYTICAL LABORATORIES

Chain of Custody Record

Lab job no.: 4/305 Date 4/22/92

Page 1 of 1

7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

3711 ADMIRAL, SUITE C
EL PASO, TEXAS 79925
(915) 593-6000

Client C... / Moore

Address

Project Name/Number Yale Plant

Contract/Purchase Order/Quote

Project Manager Cmo Peter

Telephone No.

Fax. No.

Samplers: *(Signature)*

Laboratory Sample Number	Field Sample Number	Location	Date	Time	Sample Type	Type/Size of Container	Preservation: Temp.	Preservation: Chemical	No. of Containers	Analysis Required: TCLP-O						Remarks
0114	Yale YP021		4/22		Liq	2 vor... 2 l...	Iced	RHO.	1	X						

Relinquished by:	Date / Time	Received by:	Relinquished by:	Date / Time	Received by:
Signature	Date 4/22	Signature [signature]	Signature	Date	Signature
Printed	Time 4:00	Printed J. Kinsey	Printed	Time	Printed
Company		Company Assaigai	Company		Company
Reason		Reason	Reason		Reason

Method of Shipment:

Shipment No.

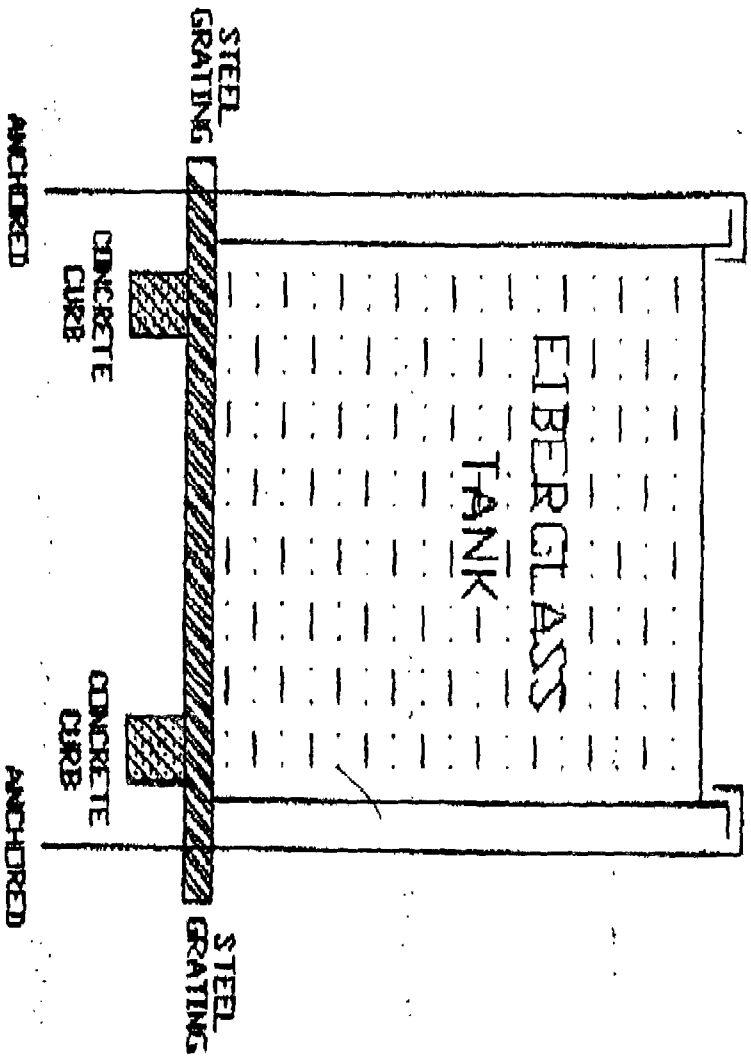
Special Instructions:

Comments:

After analysis, samples are to be:

- ☐ Disposed of (additional fee)
- ☐ Stored (30 days max)
- ☐ Stored over 30 days (additional fee)
- ☐ Returned to customer

COURIER


STEEL GRATING
ANCHORED
CONCRETE CURB
FIBERGLASS TANK
CONCRETE CURB
ANCHORED
STEEL GRATING

ESOI

ENVIRONMENTAL
•SERVICES, INC•

5971 Jefferson NE • Suite 104 • Albuquerque, NM 87109
FAX No. 505•345•0042 • Confirm No. 505-345-3900

To Roger Anderson Company OCD

FAX # 827 5741 Date

From [illegible] No. of Pages (incl. this pg.) 2

Notes

What do you think?

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

New Mexico DRUG FREE It's a State of Mind!

February 4, 1992

BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-327-278-284

Mr. Larry Campbell, Compliance Environmentalist
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

Re: Concrete Lined Pit Closure
Yates Compressor Station
Eddy County, New Mexico

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received your request, dated January 17, 1992, for approval to close the concrete lined waste pit at the Yates Compressor Station. Based on the information contained in your request, closure of the concrete lined pit is approved.

If you have any questions, please call me at (505) 827-5812.

Sincerely:

Roger C. Anderson
Acting Bureau Chief

xc: OCD Artesia Office
Chris Eustice - OCD

Phone (505) 623-2761
FAX (505) 625-8060

OIL CONSERV... DIVISION
RE... ED

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

92 JAN 23 AM 8 55

January 17, 1992

Mr. Roger Anderson
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

Transwestern Pipeline Company requests from the Oil Conservation Division (OCD) approval to formally close a concrete lined waste pit which is located at the Yates Plant (OCD Discharge Plan GW-53) . This remote facility operates in the exemption area for oil and gas exploration and production.

The concrete lining of this pit has been removed and is presently piled at the facility. Soil remediation, which was initiated in November, 1991, has presently resulted in approximately 700 cubic yards of nonhazardous hydrocarbon contaminated soils to be removed from the approximate 60'x 40'x 18' excavation. Attached with this letter is the analytical result for a soil sample taken in the pit bottom for total petroleum hydrocarbons (TPH) to confirm that all soil contamination underlying the concrete pit has been removed. Additionally, a TCLP analyses was run on this sample to verify that the contaminated soils were nonhazardous. It is the intent to place this hydrocarbon contaminated material in the OCD approved Yates Landfarm for bioremediation.

Transwestern Pipeline Company is also requesting that the OCD grant approval to dispose of the concrete pit back into the pit excavation hole. This concrete material has been broken into various sizes. A report presenting the TPH concentration for the concrete is attached.

Because the TPH concentrations of the concrete exceed the 100 Mg/Kg action level, Transwestern proposes to perform the following remedial actions to dispose of the concrete onsite:

1) The concrete will be placed in the bottom of the pit excavation and covered with clean fill material to approximately 6 inches above the in-place concrete.

2) 2-5 mil pieces of polyethylene plastic will be placed over the concrete and soil which has been placed in the pit.

3) Clean fill material will be placed into the pit and packed to approximate natural ground level elevations. A 6 inch mounded cap of clean fill will then be constructed over the backfilled pit.

4) Approximately 4 inches of soil cement will be applied over the mound to act as a barrier for vertical migration of any moisture.

If you should require any additional information concerning closure of this pit, contact me at 625-8022.

Sincerely,

Larry Campbell

Larry Campbell
Compliance Environmentalist

xc: Bill Nolan
Rich Jolly
Doc Alpers
Omer Parker

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Assaigai Analytical Labs
7300 Jefferson NE
Albuquerque, NM 87109

Attn: SYED RIZVI
Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE
6381 N. MAIN STREET
P.O. BOX 1717
ROSWELL, NM 88202-1717
Attn: LARRY CAMPBELL
Invoice Number: 912938

Order #: 91-12-116
Date: 12/20/91 16:01
Work ID: YATES PIT 8997
Date Received: 12/12/91
Date Completed: 12/20/91

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	YP010		

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO:
LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL
7300 JEFFERSON N.E.,ALBUQUERQUE,N.M. 87109

Syed Rizvi

Certified By
SYED N. RIZVI

TEST RESULTS BY SAMPLE

Sample: 01A YP010 **Collected:**

Test Description	Result	Limit	Units	Analyzed	By
BENZENE,TOLUENE,EBENZ,XYLE					
BENZENE	<0.1	0.1	MG/KG	12/17/91	SS
TOLUENE	<0.1	0.1	MG/KG	12/17/91	SS
ETHYL BENZENE	<0.1	0.1	MG/KG	12/17/91	SS
XYLENES	<0.1	0.1	MG/KG	12/17/91	SS
TCLP F SERIES ENRON LIST#2					
METHYLENE CHLORIDE	<0.02	0.02	MG/L	12/17/91	DD
1,1,1-TRICHLOROETHANE	<0.02	0.02	MG/L	12/17/91	DD
TRICHLORO-TRIFLUOROETHANE	<0.02	0.02	MG/L	12/17/91	DD
ORTHO-DICHLOROBENZENE	<0.02	0.02	MG/L	12/17/91	DD
TRICHLOROFLUOROMETHANE	<0.02	0.02	MG/L	12/17/91	DD
XYLENE	<0.02	0.02	MG/L	12/17/91	DD
ACETONE	<10	10	MG/L	12/17/91	DD
ETHYL ACETATE	<10	10	MG/L	12/17/91	DD
ETHYL BENZENE	<0.02	0.02	MG/L	12/17/91	DD
ETHYL ETHER	<0.02	0.02	MG/L	12/17/91	DD
METHYL ISOBUTYL KETONE	<0.02	0.02	MG/L	12/17/91	DD
n-BUTYL ALCOHOL	<10	10	MG/L	12/17/91	DD
CYCLOHEXANONE	<0.02	0.02	MG/L	12/17/91	DD
METHANOL	<10	10	MG/L	12/17/91	DD
TOLUENE	<0.02	0.02	MG/L	12/17/91	DD
ISOBUTANOL	<10	10	MG/L	12/17/91	DD

Test Description	Result	Limit	Units	Analyzed	By
Surrogates					
4-BROMOFLUOROBENZENE	94	Min: 86	Max: 115		
1,2-DICHLOROETHANE-d4	77	Min: 76	Max: 114		
TOLUENE-d8	117 Q	Min: 88	Max: 110		
TCLP METALS					
ARSENIC	0.007	0.005	MG/L		BC
BARIUM	0.90	0.50	MG/L		BC
CADMIUM	0.029	0.003	MG/L		BC
CHROMIUM	0.05	0.02	MG/L		BC
LEAD	0.29	0.10	MG/L		BC
MERCURY	<0.0002	0.0002	MG/L		BC
SELENIUM	<0.005	0.005	MG/L		BC
SILVER	<0.010	0.010	MG/L		BC
TCLP ORGANICS ENRON LIST#2					
BENZENE	<0.02	0.02	MG/L	12/19/91	DD
CARBON TETRACHLORIDE	<0.02	0.02	MG/L	12/19/91	DD
CHLOROBENZENE	<0.02	0.02	MG/L	12/19/91	DD
PYRIDINE	<0.001	0.001	MG/L	12/19/91	DD
1,2-DICHLOROETHANE	<0.02	0.02	MG/L	12/19/91	DD
1,1-DICHLOROETHYLENE	<0.02	0.02	MG/L	12/19/91	DD
METHYL ETHYL KETONE	<0.02	0.02	MG/L	12/19/91	DD
TETRACHLOROETHYLENE	<0.02	0.02	MG/L	12/19/91	DD
TRICHLOROETHYLENE	<0.02	0.02	MG/L	12/19/91	DD
VINYL CHLORIDE	<0.02	0.02	MG/L	12/19/91	DD
O-CRESOL	<0.001	0.001	MG/L	12/19/91	DD
M-CRESOL	<0.001	0.001	MG/L	12/19/91	DD
P-CRESOL	<0.001	0.001	MG/L	12/19/91	DD
1,4-DICHLOROBENZENE	<0.001	0.001	MG/L	12/19/91	DD

Test Description	Result	Limit	Units	Analyzed	By
2,4,5-TRICHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
HEXACHLOROBENZENE	<0.001	0.001	MG/L	12/19/91	DD
HEXACHLORO-1,3-BUTADIENE	<0.001	0.001	MG/L	12/19/91	DD
HEXACHLOROETHANE	<0.001	0.001	MG/L	12/19/91	DD
2,4,6-TRICHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
PENTACHLOROPHENOL	<0.001	0.001	MG/L	12/19/91	DD
Surrogates					
NITROBENZENE-d5	61	Min: 35	Max: 114		
2-FLUOROBIPHENYL	75	Min: 43	Max: 116		
TERPHENYL-d14	28 Q	Min: 33	Max: 141		
PHENOL-d5	102 Q	Min: 10	Max: 94		
2-FLUOROPHENOL	135 Q	Min: 21	Max: 100		
TOTAL REC PET HYDROCARBONS	<5.0	5.0	MG/KG	12/13/91	PV

TEST METHODOLOGIES

TCLP METALS: USEPA 200 SERIES METHODOLOGY

TCLP EXTRACTION: USEPA METHOD # 1311

BENZENE, TOLUENE, ETHYLBENZENE, XYLENES: USEPA METHOD # 602/8020

TCLP ZERO HEAD SPACE EXTRACTION = USEPA METHOD # 1311

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS = USEPA METHOD # 418.1

ANALYTICAL LABORATORIES, INC. • 7300 Jefferson, N.E. • Albuquerque, New Mexico 87109

Assaigai Analytical Labs
7300 Jefferson NE
Albuquerque, NM 87109

Attn: SYED RIZVI
Phone: (505)345-8964

ENRON/TRANSWESTERN PIPELINE
6381 N. MAIN STREET
P.O. BOX 1717
ROSWELL, NM 88202-1717
Attn: LARRY CAMPBELL
Invoice Number: 912584

Order #: 91-11-090
Date: 11/12/91 10:07
Work ID: PIT ATOKA #3 YATES PLT 8757
Date Received: 11/11/91
Date Completed: 11/12/91

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
		02	EMENT PIT YATES PLANT

QUESTIONS ABOUT THIS REPORT SHOULD BE ADDRESSED TO:
LABORATORY OPERATIONS MANAGER/ASSAIGAI ANALYTICAL
7300 JEFFERSON N.E.,ALBUQUERQUE,N.M. 87109

Syed Rizvi

Certified By
SYED N. RIZVI

Order # 91-11-090 **Assaigai Analytical Labs** **Page 2**
11/12/91 10:07

REGULAR TEST RESULTS BY TEST

TOTAL REC PET HYDROCARBONS **Minimum: 5.0** **Maximum: 100**
Method: EPA 418.1

Sample	Sample Description	Result	Units	Extracted	Analyzed	By
02A	EMENT PIT YATES PLANT	2000	MG/KG	11/11/91	11/12/91	PV

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505

OIL CONSERVATION DIVISION

November 20, 1991

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

MATTHEW BACA
DEPUTY SECRETARY

CERTIFIED MAIL
RETURN RECEIPT NO. P-756-903-910

Mr. Larry T. Campbell
Transwestern Pipeline Company
P.O. Box 1717
Roswell, New Mexico 88202-1717

RE: Fee for Discharge Plan GW-53 Modification
Yates Compressor Station
Eddy County, New Mexico

Dear Mr. Campbell:

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3-114 "every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this section to the Water Quality Management Fund." Enclosed is a copy of WQCC Rule 3-114 effective as of August 18, 1991.

The Oil Conservation Division (OCD) received your discharge plan modification modification for the Transwestern Pipeline Co. Yates Compressor Station on October 31, 1991, which is after the effective date of the WQCC Regulation 3-114. The discharge plan modification application for the Yates Compressor Station is therefore subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan modification will be assessed a fee equal to the filing fee plus one-half of either a flat fee or discharge fee. The director may waive the flat fee or discharge fee for discharge plan modifications which require little or no cost for investigation or issuance.

The filing fee is fifty (50) dollars for each new discharge plan application. The $50 filing fee is due immediately and is nonrefundable.

VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970

LAND OFFICE BUILDING - 310 Old Santa Fe Trail
Oil Conservation Division
P.O. Box 2088 87504-2088
827-5800

The remainder of the "total fee" for gas compressor stations falls under the "flat fee" category. The Director has waived the flat fee for the discharge plan modification for the Transwestern Pipeline Co. Yates Compressor Station.

Please make all checks out to the **NMED - Water Quality Management** and send to the OCD Santa Fe Office. If you have any questions, please do not hesitate to contact me at (505) 827-5884.

Sincerely,

Roger C. Anderson
Environmental Engineer

Enclosure

xc: OCD Artesia District Office

FAX (505) 625-8060 Phone (505) 623-2761

Transwestern Pipeline Company

TECHNICAL OPERATIONS

P. O. Box 1717 • Roswell, New Mexico 88202-1717

November 21, 1991

Mr. Roger Anderson
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 88201-2088

Dear Mr. Anderson:

Enclosed find a report which covers soil drilling and sampling at Transwestern Pipeline Company's Yates Plant which is currently operating under Discharge Plan GW-53. This investigation was performed to determine areas at the plant where contamination may have been present, and the contamination extent. This report complements the meeting that Transwestern had with members of the Oil Conservation Division (OCD) on October 24, 1991, concerning the Yates Plant investigation. Review this report at your convenience.

As a result of the enclosed study, OCD gave verbal closure to all but two of the sites sampled. These two sites were the area of the concrete pit and the area of the Pipeline Liquids Tank. We are currently addressing removal of the concrete pit and excavation of the non hazardous oil contaminated soil underlying the pit area. Upon completion of the soil excavation for the pit area, Transwestern will submit soil sampling results confirming that the contaminated soil has been removed from this site.

As you may recall, we had also discussed and your agency did approve the installation of vapor recovery wells to remediate the contaminated soils which were present at the Pipeline Liquids Tank location. Enclosed with this correspondence, find diagrams presenting the location and distribution of the vapor recovery wells which will be used to remediate this tank site. In addition, a vent well construction diagram is also enclosed. The four wells are scheduled for installation at the site on November 21, 1991.

Transwestern Pipeline Company will be in contact with the OCD in the near future to discuss monitoring and remediation target levels associated with this site.

If you may require any additional information, I can be contacted at 625-8022.

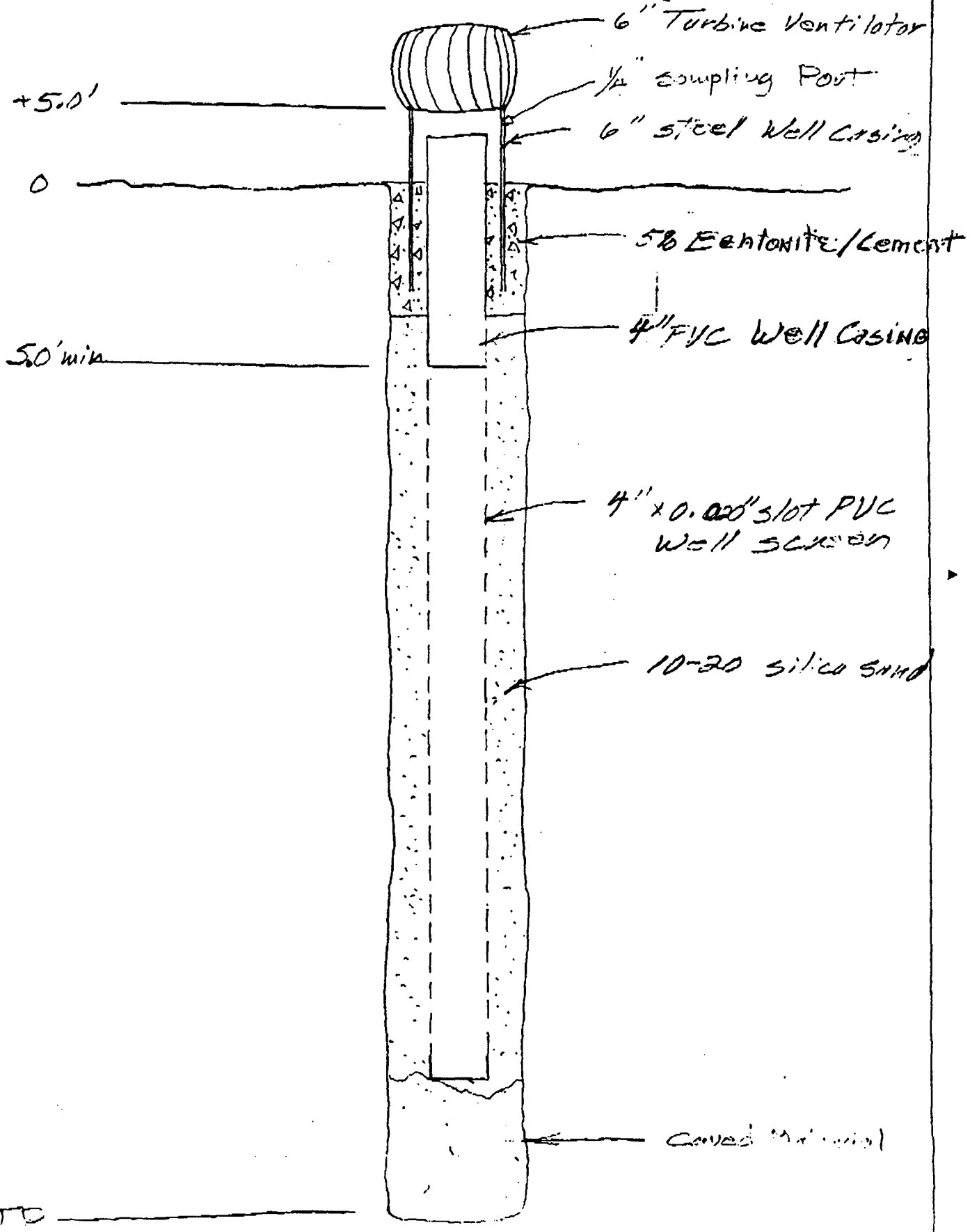
Sincerely,

Larry Campbell

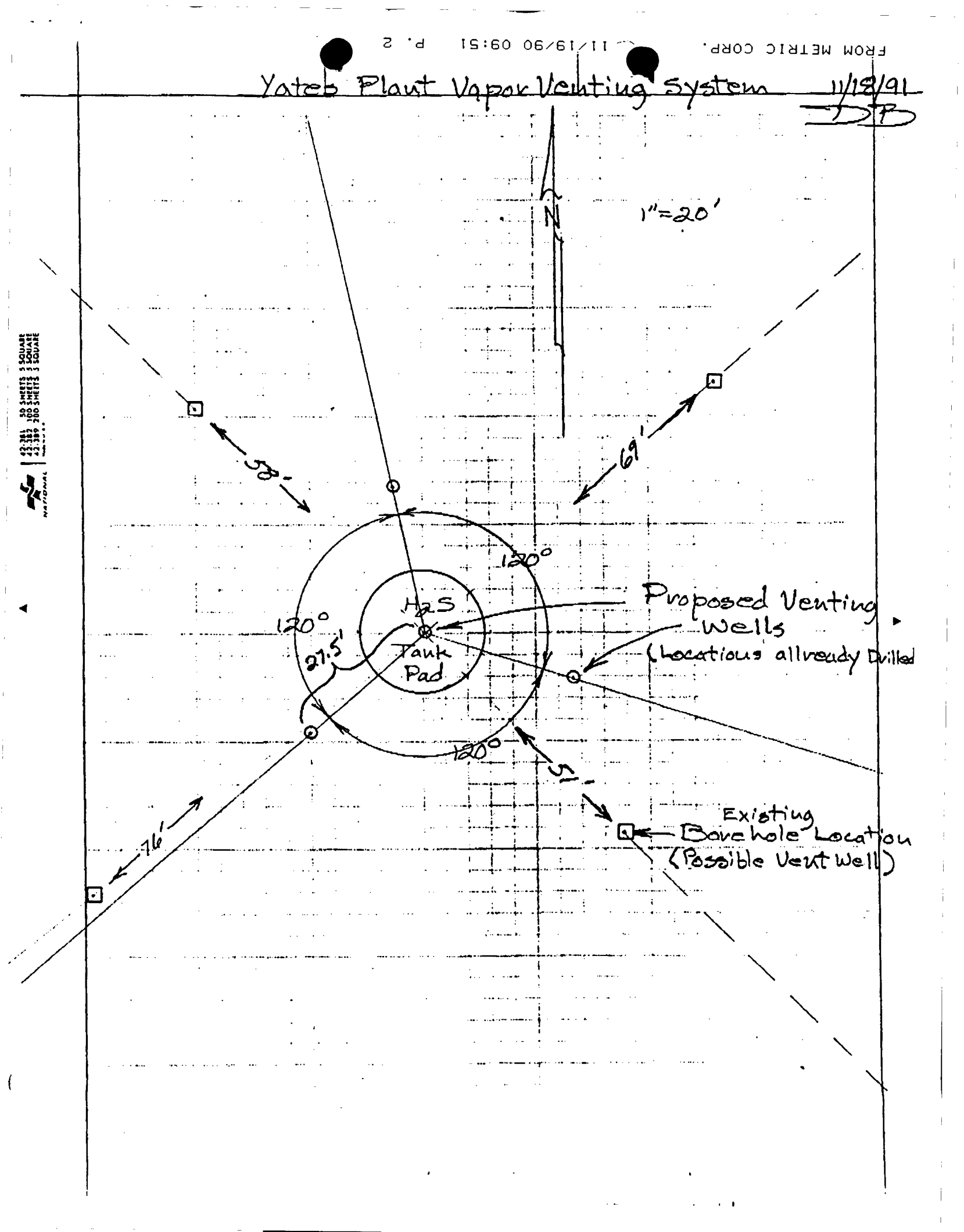
Larry Campbell
Compliance Environmentalist

xc: Doc Alpers Bill Nolan

Vent Well Construction Diagram



Yates Plant Vapor Venting System 11/18/91 DP



FAX (505) 625-8060 Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
P. O. Box 1717 • Roswell, New Mexico 88202-1717

October 31, 1991

Mr. Roger Anderson
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

Transwestern Pipeline Company requests approval from the Oil Conservation Division (OCD) to amend Discharge Plan GW-53 for the Yates Plant. This request is to modify the existing approved landfarm present at the facility. Specifically, this letter addresses approval to enlarge the existing landfarm by an additional 40,000 sq. ft. (200'x 200'). This additional area will be constructed as an enlargement of the existing landfarm.

Transwestern understands that all rules and conditions as stated in the application and approved correspondence for the original landfarm will also apply to the additional area requested.

If you may require any additional information concerning this request, contact me at 625-8022.

Thank you for your time and consideration is this matter.

Sincerely,

Larry Campbell

Larry Campbell
Compliance Environmentalist

xc: Bill Nolan
Doc Alpers

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

March 21, 1991

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-327-278-100

Mr. Larry Campbell
ENRON Gas Pipeline Operating Company
P. O. Box 2013
Roswell, New Mexico 88210

RE: Discharge Plan GW-53, Yates Compressor Station
Eddy County, New Mexico

Dear Mr. Campbell:

The Oil Conservation Division (OCD) has received and reviewed your proposed modification, dated January 14, 1991, to the previously approved discharge plan (GW-53) for the above referenced facility. The modification consists of the installation of a landfarm to remediate hydrocarbon contaminated soils generated at field operations and gas processing plants.

Based on the information and proposed operating conditions contained in the modification application and pursuant to WQCC Regulation 3-109.A. the modification to Discharge Plan GW-53 is hereby approved with the following conditions:

1. No fluids will be applied to the landfarm area without prior OCD approval after complete review of proposed application techniques.

2. Only contaminated soils that are non-hazardous by RCRA Subtitle C exemption or by characteristic testing will be placed on the landfarm.

If you have have questions, please contact Roger Anderson at (505) 827-5884.

Sincerely,

for William J. LeMay

William J. LeMay, Director

WJL/RCA/sl

cc: OCD Artesia Office

ENRON YATES

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services
Suite D, 3530 Pan American Highway, NE
Albuquerque, New Mexico 87107

OIL CONSER[illegible]N DIVISION
RECEIVED
[illegible] PM 10 26

March 14, 1991

Mr. William J. Lemay, Director
New Mexico Energy, Minerals and
Natural Resources Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2008

Dear Mr. Lemay:

This responds to Roger Anderson's letter dated March 1, 1991, concerning the renewal or modifications of the following discharge plans:

(GW-3) - Texaco USA, Eunice #1 Gas Plant located in Section 27, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

(GW-53) - Enron Gas Pipeline Operating Company, Yates Processing Plant located in Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico.

Mr. Anderson provided us copies of the New Mexico Water Quality Control Commission Regulations as amended through November 25, 1988, and the Rules and Regulations of the State of New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (Division) dated October 16, 1989. He also included copies of the following documents.

1. The amended rules for the abandonment and plugging of wells.

2. The application for exception to Division Order R-8952 for protection of migratory birds for the Eunice #1 Gas Plant Pit #3, signed by Ray Russell, Environmental Coordinator for the operator, Texaco Producing Inc.

3. A copy of the modification permit request for the land farm application of nonhazardous contaminated soil from Enron Gas Plants (GW-53).

The information provided for GW-53 adequately addresses the U.S. Fish and Wildlife Service (Service) concerns relative to the land farm procedures.

The Service, however, finds the information contained in the application for exception to Division Order R-8952 for GW-3 to be inaccurate and strongly disagrees with the decision by the Division to grant the exception.

The requirement contained in order R-8952 to screen, net, or cover a pit or tank for the protection of migratory birds does not apply to migratory waterfowl species alone, but to all migratory bird species. Migratory birds that are not waterfowl include, but are not limited to, sparrows, hawks, blackbirds, doves, flycatchers, kingbirds, larks, swallows, thrushes, and wrens, all of which have ranges that include the area of this gas plant. Therefore, the statement that this pit is not within a migratory waterfowl management corridor within the Central Flyway is not sufficient to eliminate the potential use of water impoundments by migratory bird species. Additionally, the Eunice #1 Gas Plant Pit #3 in Lea County, New Mexico, does occur within the Central Flyway. The Central Flyway consists of Alberta, Saskatchewan; Colorado, Kansas, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming; and Mexico (U.S. Department of the Interior, Fish and Wildlife Service, 1984, Flyways, Pioneering Waterfowl Management in North America).

The facility is manned 24 hours a day, and although the pit is checked two times each day and is located within the fenced boundaries of the facility, this does not lessen the accessibility of the pit to migratory birds. Human activity will not necessarily negate the use of this water impoundment by migratory birds. In addition, the removal of hydrocarbon residue within 4 hours by vacuum truck does not reduce the risk to migratory birds that contact oil and would subsequently be killed.

The Migratory Bird Treaty Act (MBTA) does not allow any exception to the take of migratory birds. If any migratory birds are killed in this pit (or any other) and documented due to granting of an exception to screening at this facility, the Service will turn the case over to the U.S. Attorney for review and possible prosecution under the MBTA. To avoid this eventuality, the Service recommends that <u>all</u> wastewater impoundments be designed and constructed to prevent access by migratory birds,

The screen, fence, net, or cover used should be of sufficient size to prevent access to the pit, tank, or impoundment. The use of unlined pits, tanks, or impoundments should also be avoided as seepage can provide migratory bird access to contaminated water. Failure to implement these measures could subject companies, and even individuals, to civil and/or criminal liabilities under the MBTA, the Endangered Species Act, and the Eagle Protection Act.

If you have any questions concerning our comments, please contact Thomas O'Brien or Joel Lusk at (505) 883-7877 or FTS 474-7877.

Sincerely,

Jennifer Fowler-Propst
Field Supervisor

cc:
District Supervisor, New Mexico Oil Conservation Division, Artesia, New Mexico
District Supervisor, New Mexico Oil Conservation Division, Aztec, New Mexico
District Supervisor, New Mexico Oil Conservation Division, Hobbs, New Mexico
Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Regional Administrator, U.S. Environmental Protection Agency, Dallas, Texas
Regional Director, U.S. Fish and Wildlife Service, Division of Law Enforcement, Albuquerque, New Mexico
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement, Albuquerque, New Mexico
Oil Pit Coordinator, U.S. Fish and Wildlife Service, Refuges and Wildlife, Albuquerque, New Mexico

Enron Yates

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

BRUCE KING
GOVERNOR

March 1, 1991

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-327-278-087

Ms. Jennifer Fowler-Propst
Field Supervisor
U. S. Fish and Wildlife Service
Suite D
3530 Pan American Highway, N.E.
Albuquerque, New Mexico 87107

Dear Ms. Fowler-Propst:

The Oil Conservation Division (OCD) has received your comments, dated February 11, 1991, concerning the renewals and/or modifications of the following discharge plans:

(GW-53) - Enron Gas Pipeline Operating Company, Yates Processing Plant located in Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico.

(GW-29) - Texaco USA, Buckeye Gas Processing Plant located in Section 1, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico.

(GW-3) - Texaco USA, Eunice #1 Gas Plant located in Section 27, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

(GW-4) - Texaco USA, Eunice #2 Gas Plant located in Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

The permitting of the Class II injection wells at the Texaco facilities (GW-3, GW-4 and GW-29) are not within the scope of the advertised discharge plan renewal applications. However, all Class II injection wells are permitted under the EPA-approved Underground Injection Control (UIC) program pursuant to Rules 701, 702, 703 and 704 of the OCD Rules and Regulations (enclosed). Any other discharges from a facility are regulated and controlled by a permit known as a "Ground Water Discharge Plan" issued pursuant to Part 3 of the New Mexico Water Quality Control Commission Regulations (enclosed). A discharge plan authorizes specific methods for disposal of wastes generated at the facility including disposal at another OCD permitted site.

Although the process water evaporation pond at Texaco's Eunice #1 Gas Plant is not screened or netted it is subject to OCD's Rule 8 (enclosed), and has been approved for exception to Division Order R-8952 requiring protection for migratory birds. A copy of the exception form and Texaco's protective measures are enclosed with this letter. OCD is evaluating whether the existing mitigation efforts are sufficiently effective.

The land farm application is a specific modification requested for a previously approved discharge plan (GW-53). As with new discharge plan applications, modification requests are reviewed very carefully to afford maximum protection to surface water, ground water and the environment. I am enclosing a copy of the modification application. In addition to the requirements committed to in the application, the OCD will not allow any fluids to be introduced to the land farm without prior approval and after complete review of proposed application techniques. This requirement will dramatically reduce the possibility of migration of contaminants by limiting any hydrostatic head available to move contaminants downward into soils or groundwater.

If you have further concerns or comments, please do not hesitate to contact me.

Sincerely,

Roger C. Anderson
Environmental Engineer

RCA/sl

Enclosures

cc: Artesia OCD C
Hobbs OCD O

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO": Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)* 2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:
U.S. Fish & Wildlife
Ste. D
3530 Pan American Hwy
Albuquerque, NM 87107
Attn: Jennifer Fowler

4. Article Number
P 327 278 087

Type of Service:
☐ Registered ☐ Insured
☑ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee
X

6. Signature – Agent
X Ruth H. Woodfield

7. Date of Delivery
3-4-91

8. Addressee's Address *(ONLY if requested and fee paid)*
Texaco Buckeye

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services
Suite D, 3530 Pan American Highway, NE
Albuquerque, New Mexico 87107

February 11, 1991

Cons. #2-22-91-I-075

Mr. William J. Lemay, Director
New Mexico Energy, Minerals and
Natural Resources Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2008

Dear Mr. Lemay:

This responds to your public notice published on January 25, 1991, in which three injection well permit renewals and one permit modification for landfarm application were described. Our comments refer to the following permits:

(GW-53) - Enron Gas Pipeline Operating Company, Yates Processing Plant located in Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico.

(GW-29) - Texaco USA, Buckeye Gas Processing Plant located in Section 1, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico.

(GW-3) - Texaco USA, Eunice #1 Gas Plant located in Section 27, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

(GW-4) - Texaco USA, Eunice #2 Gas Plant located in Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

Wetlands, riparian vegetation, and other sensitive wildlife habitat on or near the sites should be protected. Our concern with injection wells (GW-29, 3, and 4) is the potential impact to fish and wildlife through leakage and other discharges. We recommend that the evaporation pond utilized for GW-3 be covered or screened to prevent migratory bird use. If impacts cannot be avoided, a mitigation plan should be developed to compensate for fish, wildlife and habitat losses.

The landfarm application technique for remediating hydrocarbon contaminated wastes (GW-53) should specifically address the migration of contaminants into the Rio Penasco. We recommend that an alternative technique that is physically contained and involves less land area also be considered. Land application can lead to degradation of the soil through compaction and has limited use. Reusable remediation technology such as contained, rock-filtered

systems, infused with hydrocarbon metabolizing bacteria and fungi, can treat hydrocarbon contaminated soil and wastewater without the potential aquifer contamination associated with well injection, or potential soil degradation associated with landfarm application.

If you have any questions concerning our comments, please contact Thomas O'Brien or Joel Lusk at (505) 883-7877 or FTS 474-7877.

Sincerely,

Jennifer Fowler-Propst
Field Supervisor

cc:
Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Director, New Mexico Energy, Minerals and Natural Resources Department, Forestry and Resources Conservation Division, Santa Fe, New Mexico
Regional Administrator, U.S. Environmental Protection Agency, Dallas, Texas
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement, Albuquerque, New Mexico

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 and renewal applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-53) - Enron Gas Pipeline Operating Company, Larry Campbell, Compliance Environmentalist, P.O. Box 2018, Roswell, New Mexico 88201, has submitted a discharge plan modification application for the previously approved discharge plan for is Yates Plant located in the SW/4, Section 25, Township 18 South, Range 25 East, NMPM, Eddy County, New Mexico. The modification request consists of the addition of a controlled bioremediation landfarm area in the southeast portion of the Yates Plant property. Wastes proposed to be remediated at the landfarm are nonhazardous hydrocarbon contaminated soils from field operations and mainline gas processing plants. The application addressed procedures to remediate contamination and prevention of possible offsite migration of contaminants. THe uppermost ground water is at a depth of approximately 120 feet with a total dissolved solids concentration of approximately 850 mg/l.

(GW-29) - Texaco USA, John H. Anderson, Operations Manager, P.O. Box 1650, Tulsa, Oklahoma 74102, has submitted an application for renewal of its previously approved discharge plan for its Buckeye Gas Processing Plant located in NE/4 NE/4, Section 1, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico. Approximately 6000 gallons per day of process wastewater with a total dissolved solids concentration of approximately 1300 mg/l is disposed of at an OCD permitted offsite Class II disposal well. The uppermost groundwater at the plant site is at a depth of approximately 85 feet with a total dissolved solids concentration of approximately 520 mg/l The discharge plan addresses how spills, leaks and other accidentaly discharges to the surface will be managed.

(GW-3) - Texaco USA, John H. Anderson, Operations Manager, P.O. Box 1650 Tulsa, Oklahoma 74102, has submitted an application for renewal of its previously approved discharge plan for its Eunice #1 Gas Plant located in NW/4 SW/4, Section 27, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico. Approximately 70,000 gallons per day of process wastewater with a total dissolved solids concentration of approximately 7000 mg/l is discharged to a lined pond prior to final disposal in an OCD permitted Class II disposal well. The uppermost groundwater at the plant site is at a depth of approximately 65 feet with a total dissolved solids concentration of approximately 1900 mg/l The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

STATE OF NEW MEXICO
County of Bernalillo ss

Thomas J. Smithson being duly sworn declares and says that he is National Advertising manager of the **Albuquerque Journal** , and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chaper 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition,

for 1 times, the first publication being on the 23 day of Jan, 1991, and the subsequent consecutive publications on ....., 1991.

Thomas J. Smithson

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this 23 day of Jan, 1991.

Annadette Ortiz

PRICE $44.54

Statement to come at end of month.

12-18-93

CLA-22-A (R-12/91) ACCOUNT NUMBER C81184

(GW-14) - Texaco USA, John H. Anderson, Operations Manager, P.O. Box 1650, Tulsa, Oklahoma 74102, has submitted an application for renewal of its previously approved discharge plan for its Eunice #2 Gas Plant located in NE/4 SE/4, Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico. Approximately 17,000 gallons per day of process wastewater with a total dissolved solids concentration of approximately 7100 mg/l is disposed of at an OCD permitted offsite Class II disposal well. The uppermost groundwater at the plant site is at a depth of approximately 70 feet with a total dissolved solids concentration of approximately 1200 to 2600 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 Conversation Division at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of 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 public hearing may be requested by any interested person. Requests for 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 disapporve 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 16th day of January, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
s/William J. LeMay
Director

Journal: January 23, 1991

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

Notice Of Publication

and numbered ..... in the

..... Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for one (1) consecutive weeks, beginning with the issue of

January 25, 19 91

and ending with the issue of

January 25, 19 91

And that the cost of publishing said notice is the sum of $ 43.50

which sum has been (Paid) (~~Assessed~~) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 28th day of January, 19 91

Mrs. Jean Jeffries

Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 91

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

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(CW-29) - Texaco USA, John H. Anderson, Operations Manager, P. Q. Box 1650, Tulsa, Oklahoma 74102, has submitted an application for renewal of its previous}y approved discharge plan for its Buckeye Gas Processing Plant located in NE/4 NE14, Section 1, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico. Approximately 6000 gallons per day of process wastewater with a total dissolved solids concentration of approximately 1300 mg/l is disposed of at an OCD permitted offsite Class II disposal well. The uppermost groundwater at the plant site is at a depth of approximately 85 feet with a total dissolved solids concentration of approximately 520 mg/l. The discharge plan addresses how spi]]s, leaks and other accidental discharges to the surface will be managed.

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(GW-4) - Texaco USA, John H. Anderson, Operations Manager, P. 0. Box 1650, Tulsa, Oklahoma 74102, has submitted an application for renewal of its previously approved discharge plan for its Eunice #2 Gas Plant located in NE/4 SE/4, Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico. Approximately 17,000 gallons per day of process wastewater with a total dissolved solids concentration of approximately 7100 mg/l is disposed of at an OCD permitted offsite Class II disposal well. The uppermost groundwater at the plant site is at a depth of approximately 70 feet with a total dissolved solids concentration of approximately 1200 to 2600 mg/l. The discharge plan addresses how spi]ls, 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 Divi ion at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirt· (3J) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for 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 ..e plan and information submitted at the hearing.

Affidavit of Publication

No. 13390

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive days weeks on the same day as follows:

First Publication January 24, 1991

Second Publication

Third Publication

Fourth Publication

Gary D. Scott

Subscribed and sworn to before me this 6th day of February 1991

Barbara Ann Boone

Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1991

Copy of Publication

Affidavit of Publication

No. 13390

STATE OF NEW MEXICO,

County of Eddy:

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First Publication January 24, 1991

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Fourth Publication

Gary D. Scott

Subscribed and sworn to before me this 6th day of February 19 91

Barbara Ann Boone

Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1991

Copy of Publication

LEGAL NOTICE

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 renewal and modification applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

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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 16th day of January, 1991. To be published on or before January 25, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
s-William J. LeMay
WILLIAM J. LEMAY,
Director

SEAL

Published in the Artesia Daily Press, Artesia, N.M. January 24, 1991.

Legal 13390

ENRON
Gas Pipeline Operating Company
WESTERN REGIONAL OFFICE
P. O. Box 2018 • Roswell, New Mexico 88201 • (505) 623-2761

DIVISION

91 JAN 16 AM 9 03

January 14, 1991

Mr. Roger Anderson
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

On behalf of Enron Corporation, operator for Transwestern Pipeline Company and Northern Natural Gas Company, this letter is to serve as a permit request to construct and operate a landfarm located at the Yates Plant. This request is addressed to specifically landfarm non-hazardous contaminated soil generated at field operations and mainline gas plants for the above mentioned Companys in New Mexico.

The Yates facility is currently operating under Discharge Plan GW-53. Refer to the application information submitted to your Agency for the site specific characteristics and geohydrology conditions for the Yates Plant.

Accompanying this permit request is a plot map of the Yates facility depicting the location of the proposed landfill site. It is the intent of this permit to operate this landfill to eleminate all surface runoff and to reduce fugitive dust emissions to the greatest extent possible.

As per guidelines set forth by the Oil Conservation Division (OCD), the following site requirements will be adhered:

1) A berm of approximately 24 inches will be constructed around the entire landfill area to prevent surface runoff and potential contamination to adjacent areas.

2) Soils to be remediated will be initially layed down and limited to 6 inches in depth. Subsequent lifts will only be applied after analyses have been performed of the surface in-place material and submitted to the OCD for approval.

3) Disking will be performed quarterly or on an "as needed basis" to expedite the remediation processes.

4) In the event remediation processes are hindered, fertilizer applications and irrigations may be applied.

Under this permit, we are additionally requesting that options be discussed to replace or dispose of the soil once contamination levels are below target values assigned by the OCD. This will allow for long term use of the landfill site and decrease the potential for environmental liability.

We are presently in the process of performing remediation and soil cleanup operations and would appreciate your attention in this matter

If you may require any additional information in this matter, please contact me at 625-8022.

Sincerely

Larry Campbell

Larry Campbell
Compliance Environmentalist

xc: Bill Nolan w\o attachments
Terry Doyle "
Doc Alpers "
Omer Parker "

250 ft. from South Fence
150 ft. from East Fence
Size 200 ft x 200 ft.

1-9-91

△4 ① 2⅜" O.D. PIPE, STEEL X .218", GR. B, SMLS, USS, C&W, P.O. 128086, C&W BY IRISH
② 2⅜ O.D. PIPE, STEEL X .218", GR. B, SMLS, YGST, BARE, P.O. 117500, C&W BY CONTRACTOR.

REV.	DATE	DESCRIPTION	DR. / CHK.	APP.
[illegible]	7-31-84	INSTALLED FLASH SEPERATOR PER 23372	[illegible]	
[illegible]	7-11-84	INSTALL PIPING TO & FROM YATES PROC. PLNT. PER W.O. 22540	[illegible]	
5	[illegible]	GENERAL REVISIONS PER W.O. 22147	[illegible]	
4	4-9-84	RETIRED DISTILLATE TANK PER W.O. 71850	[illegible]	
3	[illegible]	ADD TK-2, 2 (2") FILL LINES & 1 (3") DRAIN LINE PER: AFE - 22147	[illegible]	[illegible]
2	10-23-73	AS BUILT PER W.O 20711	CAS	
1	[illegible]	GENERAL REVISIONS	[illegible]	[illegible]

DWG. NO.	DESCRIPTION
YC-AB-A11-8	PIPING SECT. DWG & DETAILS
YP-AB-A12-1	ELECTRICAL PLOT PLAN - GAS TREATING & COMPR.
YP-AB-A4-1	CONCRETE INDEX - GAS TREATING PLANT
YC-AB-A4-1	CONCRETE INDEX - COMPR. STATION
YC-AB-A11-1	PIPING PLOT PLAN - COMPR. STATION
YP-AB-A1-2	EQUIPMENT LOCATION PLAN - PLANT AREA

REFERENCE DRAWINGS

TRANSWESTERN PIPELINE COMPANY

PLOT PLAN

YATES GAS TREATING PLANT

SCALE 1" = 50'/100'
DATE
W.O. 20711
DRAWN L.F. H[illegible]
9-6-72
CHECKED
11-[illegible]
APPROVED
APPROVED
DWG. [illegible]
JOB NO. TE-G[illegible]
DRAWING NO. YP-AB-A11

Vare Size