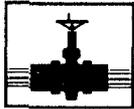


HIP - 80

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

2002



**ALL AMERICAN  
PIPELINE, L.P.**

November 15, 2002

Ms. Martyne Kieling

New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**RE: Hydrostatic Test Water Discharge HI-080  
Hobbs Gathering System 8" Crude Oil Pipeline  
Discharge location: Section 15, Township 19S, R37E, NMPM  
Lea County, NM**

Dear Ms. Kieling:

Plains All American Pipeline, LP has successfully completed hydrostatic testing of its North Hobbs Gathering System 8" crude oil pipeline per the above-referenced permit, and respectfully requests permission to discharge the test fluid to the ground surface. Analysis of the test water is attached for your review.

The test water will be discharged to property owned by All American Pipeline, L. P., in strict adherence to the permit guidelines. No solids were accumulated in the filter vessel or the carbon filter media. The filter media were transported to Houston, Texas for characterization and disposal. Filter media characterization and disposal records will be forwarded to you immediately upon receipt from BNC Environmental Services, Inc.

Please feel free to contact me if there are questions or concerns, or if more information is required.

Respectfully,

Wayne E. Roberts  
Manager, Environmental & Regulatory Compliance  
Plains All American Pipeline, L. P.  
Enclosures (4)  
WER

Report Date: November 11, 2002 Order Number: A02103016  
 F80 Hobbs Station

Page Number: 1 of 2  
 Hobbs, NM

## Summary Report

Charles Allen  
 BNC  
 2109 Luna Road Suite 240  
 Carrollton, TX 75006

Report Date: November 11, 2002

Order ID Number: A02103016

Project Number: F80  
 Project Name: Hobbs Station  
 Project Location: Hobbs, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
212006	Treated Hydro Water	Water	10/29/02	17:00	10/30/02

0 This report consists of a total of 2 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample - Field Code	BTEX				
	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)
212006 - Treated Hydro Water	<0.001	<0.001	<0.001	<0.001	<0.001

### Sample: 212006 - Treated Hydro Water

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		184	mg/L as CaCo3
Total Alkalinity		184	mg/L as CaCo3
Specific Conductance		1240	µMHOS/cm
Total Mercury		<0.0002	mg/L
Chloride		201	mg/L
Fluoride		1.55	mg/L
Nitrate-N		<1.0	mg/L
Sulfate		105	mg/L
Naphthalene		<0.0002	mg/L
Acenaphthylene		<0.0002	mg/L
Acenaphthene		<0.0002	mg/L
Fluorane		<0.0002	mg/L
Phenanthrene		<0.0002	mg/L
Anthracene		<0.0002	mg/L
Fluoranthene		<0.0002	mg/L
Pyrene		<0.0002	mg/L
Benzo(s)anthracene		<0.0002	mg/L
Chrysene		<0.0002	mg/L
Benzo(b)fluoranthene		<0.0002	mg/L

Continued on next page ...

This is only a summary. Please, refer to the complete report package for quality control data.

COPY

TraceAnalysis, Inc.

6701 Aberdeen Ave., Suite 9

Lubbock, TX 79424-1516

(806) 794-1296

Report Date: November 11, 2002 Order Number: A02103016  
F80 Hobbs StationPage Number: 2 of 2  
Hobbs, NM

Sample 212006 continued ...

Param	Flag	Result	Units
Benzo(k)fluoranthene		<0.0002	mg/L
Benzo(a)pyrene		<0.0002	mg/L
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L
Dibenzo(a,h)anthracene		<0.0002	mg/L
Benzo(g,h,i)perylene		<0.0002	mg/L
Dissolved Calcium		86.6	mg/L
Dissolved Magnesium		20.3	mg/L
Dissolved Potassium		24.7	mg/L
Dissolved Sodium		95.5	mg/L
Total Dissolved Solids		722	mg/L
Total Arsenic		<0.050	mg/L
Total Barium		<0.100	mg/L
Total Cadmium		<0.005	mg/L
Total Chromium		<0.010	mg/L
Total Iron		<0.050	mg/L
Total Lead		<0.010	mg/L
Total Selenium		<0.050	mg/L
Total Silver		<0.0125	mg/L
pH	1	8.0	s.u.

<sup>1</sup>The sample was received out of holding time

COPY

This is only a summary. Please, refer to the complete report package for quality control data.



- CERTIFICATE OF ANALYSIS -

Client #: 12565  
Trace Analysis  
6701 Aberdeen Suite 9  
Lubbock, TX 79424-

Report Date: 08-Nov-02

Phone: (806) 794-1296 Ext:  
FAX: (806) 794-1298

Attn: Nell Oren

Our Lab #: MAR02-22243  
Date Logged-In: 10/31/02  
Matrix: Water  
Project #:

Your Sample ID: 212006  
Sample Source: Other/Undefined  
Client Project #: PO#:  
Date Submitted to Lab: 10/31/2002

- COLLECTION INFORMATION -

Date/Time/By: 10/29/02 5:00 AM

Test Group	EPA Method	Test	Result	Units	Analysis Date	Analyst	WS#
TOX	SM 5320B/9020A	Total Organic Halides, TOX	42 (5.0)	UG/L	11/7/02	MDO	31714

Note: The TOX data is valid, however, due to matrix interference, the recommended breakthrough value of 10% was exceeded in the sample. The laboratory control standard breakthrough was within acceptable limits.

Report Approved By:

*Deborah K. Johnson*  
Deborah K. Johnson

This report shall not be reproduced, except in its entirety, without the written approval of the laboratory. The results presented on this Certificate only reflect those parameters that were requested by the client on the chain of custody or other documentation received with the sample(s).

COPY

CERTIFICATIONS: NCDWQ263,NCDBH39700,AZ0071,OH46033,NY11071,A2LA102325-PR

Lab Number MAR02-22243 Page 1  
Total Number of Pages for Report: 1

1776 MARION-WALDO RD. • P.O. BOX 436 • MARION, OH 43301-0436  
PHONE 740-389-5991 • 1-800-873-2855 • FAX 740-389-1481

**- QUALITY CONTROL REPORT -**

Printed: 11/8/2002

WS#	Lab#	Test ID	QC Code	Result	Units	True Added	-- QC Calculations -- QC1	-- QC Calculations -- QC2	Lower Limit	Upper Limit
31714	CCB1	TOX	C	.389	UG					
31714	CCV1	TOX	C	5.281	UG	6	100 %R:		80	110
31714	ICV	TOX	C	4.8585	UG	6	87 %R:		90	110
31714	LCSA1 11.7.0	TOX	C	86.223	UG/L	100	95 %R:		80	120
31714	MAR02-22171M	TOX	M	218.738	UG/L	100	99 %R:	0 %RPD	75	125
31714	MAR02-22171S	TOX	S	218.717	UG/L	100	99 %R:		75	125
31714	METH BLK 11.	TOX	C	.248	UG					
31714	NOS BLK 11.7	TOX	C	.266	UG					

**QC Code Legend**

B	Blank	K	Calibration Checks	S	Spikes
O	Control Samples	M	Matrix Spike Duplicates		
D	Duplicates	R	Surrogates		

**COPY**

**Kieling, Martyne**

---

**From:** Kieling, Martyne  
**Sent:** Friday, November 15, 2002 9:24 AM  
**To:** 'Wayne E Roberts'  
**Subject:** RE: REQUEST FOR FLUID DISPOSAL TO THE GROUND SURFACE

November 15, 2002

Wayne E. Roberts  
Plains All American Pipeline, L.P.  
P.O. Box 8871  
Midland, TX 79702

RE: Discharge of Hydrostatic Test Water According to Permit HI-080

Dear Mr. Roberts:

The New Mexico Oil Conservation Division has received your e-mail and data attachment dated November 15, 2002. The OCD has reviewed the letter and data and hereby approves the discharge of the hydrostatic test water in accordance with Permit HI-080 dated September 30, 2002.

Please be advised that this approval does not relieve Plains AAP of liability should their operation result in the pollution of surface water, ground water or the environment. In addition, OCD approval does not relieve Plains AAP of responsibility for compliance with other federal, state or local regulations.

If there are any questions, please call me at (505)476-3488 or e-mail me at the above address.

Sincerely,

Martyne Kieling  
Environmental Geologist  
New Mexico Oil Conservation Division

-----Original Message-----

**From:** Wayne E Roberts [mailto:weroberts@paalp.com]  
**Sent:** Friday, November 15, 2002 8:25 AM  
**To:** 'mkieling@state.nm.us'  
**Subject:** REQUEST FOR FLUID DISPOSAL TO THE GROUND SURFACE

<<...OLE\_Obj...>>  
ALL AMERICAN  
PIPELINE, L.P.

November 15, 2002

Ms. Martyne Kieling  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

RE: Hydrostatic Test Water Discharge HI-080  
Hobbs Gathering System 8" Crude Oil Pipeline  
Discharge location: Section 15, Township 19S, R37E, NMPM  
Lea County, NM

Dear Ms. Kieling:

Plains All American Pipeline, LP has successfully completed hydrostatic testing of its North Hobbs Gathering System 8" crude oil pipeline per the above-referenced permit, and respectfully requests permission to discharge the test fluid to the ground surface. Analysis of the test water is attached for your review:

<<Hobbs HTW Samples.pdf>>

The test water will be discharged to property owned by All American Pipeline, L. P., in strict adherence to the permit guidelines. No solids were accumulated in the filter vessel or the carbon filter media. The filter media were transported to Houston, Texas for characterization and disposal. Filter media characterization and disposal records will be forwarded to you immediately upon receipt from BNC Environmental Services, Inc.

Please feel free to contact me if there are questions or concerns, or if more information is required. Hard copies of this letter and the analyses will follow via FedEx.

Best Regards,  
Wayne E. Roberts  
Mgr., E & RC, SWR  
915.682.5392 Office  
915.413.8127 Mobile  
915.687.4914 Fax  
E-mail: weroberts@paalp.com

#####  
Attention:  
The information contained in this message and or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.  
#####

**Kieling, Martyne**

---

**From:** Wayne E Roberts [weroberts@paalp.com]  
**Sent:** Friday, November 15, 2002 8:25 AM  
**To:** 'mkieling@state.nm.us'  
**Subject:** REQUEST FOR FLUID DISPOSAL TO THE GROUND SURFACE



Hobbs HTW  
Samples.pdf

<<...OLE\_Obj...>>

ALL AMERICAN  
PIPELINE, L.P.

November 15, 2002

Ms. Martyne Kieling  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

RE: Hydrostatic Test Water Discharge HI-080  
Hobbs Gathering System 8" Crude Oil Pipeline  
Discharge location: Section 15, Township 19S, R37E, NMPM  
Lea County, NM

Dear Ms. Kieling:

Plains All American Pipeline, LP has successfully completed hydrostatic testing of its North Hobbs Gathering System 8" crude oil pipeline per the above-referenced permit, and respectfully requests permission to discharge the test fluid to the ground surface. Analysis of the test water is attached for your review:

<<Hobbs HTW Samples.pdf>>

The test water will be discharged to property owned by All American Pipeline, L. P., in strict adherence to the permit guidelines. No solids were accumulated in the filter vessel or the carbon filter media. The filter media were transported to Houston, Texas for characterization and disposal. Filter media characterization and disposal records will be forwarded to you immediately upon receipt from BNC Environmental Services, Inc.

Please feel free to contact me if there are questions or concerns, or if more information is required. Hard copies of this letter and the analyses will follow via FedEx.

Best Regards,  
Wayne E. Roberts  
Mgr., E & RC, SWR  
915.682.5392 Office  
915.413.8127 Mobile  
915.687.4914 Fax  
E-mail: weroberts@paalp.com

#####  
Attention:  
The information contained in this message and or attachments is intended

only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

#####

TraceAnalysis, Inc.

6701 Aberdeen Ave., Suite 9

Lubbock, TX 79424-1515

(806) 794-1296

Report Date: November 11, 2002  
F80Order Number: A02103016  
Hobbs StationPage Number: 1 of 2  
Hobbs, NM

## Summary Report

Charles Allen  
BNC  
2109 Luna Road Suite 240  
Carrollton, TX 75006

Report Date: November 11, 2002

Order ID Number: A02103016

Project Number: F80  
Project Name: Hobbs Station  
Project Location: Hobbs, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
212006	Treated Hydro Water	Water	10/29/02	17:00	10/30/02

0 This report consists of a total of 2 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample - Field Code	BTEX				
	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)
212006 - Treated Hydro Water	<0.001	<0.001	<0.001	<0.001	<0.001

## Sample: 212006 - Treated Hydro Water

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCO <sub>3</sub>
Carbonate Alkalinity		<1.0	mg/L as CaCO <sub>3</sub>
Bicarbonate Alkalinity		184	mg/L as CaCO <sub>3</sub>
Total Alkalinity		184	mg/L as CaCO <sub>3</sub>
Specific Conductance		1240	µMHOS/cm
Total Mercury		<0.0002	mg/L
Chloride		201	mg/L
Fluoride		1.55	mg/L
Nitrate-N		<1.0	mg/L
Sulfate		105	mg/L
Naphthalene		<0.0002	mg/L
Acenaphthylene		<0.0002	mg/L
Acenaphthene		<0.0002	mg/L
Fluorene		<0.0002	mg/L
Phenanthrene		<0.0002	mg/L
Anthracene		<0.0002	mg/L
Fluoranthene		<0.0002	mg/L
Pyrene		<0.0002	mg/L
Benzo(a)anthracene		<0.0002	mg/L
Chrysene		<0.0002	mg/L
Benzo(b)fluoranthene		<0.0002	mg/L

Continued on next page ...

This is only a summary. Please, refer to the complete report package for quality control data.

COPY

TraceAnalysis, Inc.

6701 Aberdeen Ave., Suite 9

Lubbock, TX 79424-1515

(806) 794-1296

Report Date: November 11, 2002 Order Number: A02103016  
F80 Hobbs Station

Page Number: 2 of 2  
Hobbs, NM

Sample 212006 continued ...

Param	Flag	Result	Units
Benzo(k)fluoranthene		<0.0002	mg/L
Benzo(a)pyrene		<0.0002	mg/L
Indeno(1,2,3-cd)pyrene		<0.0002	mg/L
Dibenzo(a,h)anthracene		<0.0002	mg/L
Benzo(g,h,i)perylene		<0.0002	mg/L
Dissolved Calcium		86.6	mg/L
Dissolved Magnesium		20.3	mg/L
Dissolved Potassium		24.7	mg/L
Dissolved Sodium		96.5	mg/L
Total Dissolved Solids		722	mg/L
Total Arsenic		<0.050	mg/L
Total Barium		<0.100	mg/L
Total Cadmium		<0.005	mg/L
Total Chromium		<0.010	mg/L
Total Iron		<0.050	mg/L
Total Lead		<0.010	mg/L
Total Selenium		<0.050	mg/L
Total Silver		<0.0125	mg/L
pH	1	8.0	s.u.

COPY

<sup>1</sup>The sample was received out of holding time

This is only a summary. Please, refer to the complete report package for quality control data.

# ATEL

Aqua Tech Environmental Laboratories, Inc.

## - CERTIFICATE OF ANALYSIS -

Client #: 12565

Report Date: 08-Nov-02

Trace Analysis  
6701 Aberdeen Suite 9  
Lubbock, TX 79424-

Phone: (806) 794-1296 Ext:  
FAX: (806) 794-1298

Attn: Nell Green

Our Lab #: MAR02-22243  
Date Logged-In: 10/31/02  
Matrix: Water  
Project #:

Your Sample ID: 212006  
Sample Source: Other/Undefined  
Client Project #: PO#:  
Date Submitted to Lab: 10/31/2002

## - COLLECTION INFORMATION -

Date/Time/By: 10/29/02 5:00 AM

Test Group	EPA Method	Test	Result	Units	Analysis Date	Analyst	WS#
TOX	SM 5320B/9020A	Total Organic Halides, TOX	42 (5.0)	UG/L	11/7/02	MDO	31714

Note: The TOX data is valid, however, due to matrix interference, the recommended breakthrough value of 10% was exceeded in the sample. The laboratory control standard breakthrough was within acceptable limits.

Report Approved By:

*Deborah K. Johnson*  
Deborah K. Johnson

This report shall not be reproduced, except in its entirety, without the written approval of the laboratory. The results presented on this Certificate only reflect those parameters that were requested by the client on the chain of custody or other documentation received with the sample(s).

# COPY

Lab Number MAR02-22243; Page 1  
Total Number of Pages for Report: 1

CERTIFICATIONS: NCDWQ263, NCDDBH39700, AZ0071, OH4013, NY11071, A2LA102325-P1

1776 MARION-WALDO RD. • P.O. BOX 436 • MARION, OH 43301-0436  
PHONE 740-389-5991 • 1-800-873-2885 • FAX 740-389-1491

From:AQUATECH

740 389 1481

11/11/2002 08:48 #564 P.006

- QUALITY CONTROL REPORT -

Printed: 11/8/2002

WS#	Lab#	Test ID	QC Code	Result	Units	True Added	-- QC Calculations -- QC1	-- QC Calculations -- QC2	Lower Limit	Upper Limit
31714	CCB1	TOX	C	.389	UG					
31714	CCV1	TOX	C	5.261	UG		6 100 %R:		90	110
31714	ICV	TOX	C	4.8585	UG		6 97 %R:		90	110
31714	LCSA1 11.7.0	TOX	C	95.223	UG/L		100 95 %R:		80	120
31714	MAR02-22171M	TOX	M	218.738	UG/L		100 99 %R:	0 %RPD	75	125
31714	MAR02-22171S	TOX	S	218.717	UG/L		100 99 %R:		75	125
31714	METH BLK 11.	TOX	C	.248	UG					
31714	NOS BLK 11.7	TOX	C	.268	UG					

QC Code Legend		
B	Blank	K Calibration Checks
C	Control Samples	M Matrix Spike Duplicates
D	Duplicates	R Surrogates
		S Spikes

COPY

## Kieling, Martyne

**From:** Wayne E Roberts [weroberts@paalp.com]  
**Sent:** Thursday, September 26, 2002 8:42 AM  
**To:** 'mkieling@state.nm.us'  
**Subject:** RE: North Hobbs Hydrotest Permit Request



Topo Image New  
Hobbs Sta.pdf



New Hobbs  
Station.pdf



New  
o-Hobbs-Water Dep.



NM-Water Column  
Report.pdf

RE: North Hobbs Hydrotest Permit Request

Martyne:

Thank you for your prompt response to our permit request. Your questions and concerns are noted and addressed in this message. I apologize for being remiss in some areas of information; your suggestions were very helpful.

The line fill for the hydrostatic test begins at our New Hobbs Station (0.00) and ends at station number 219+78, a total of 4.1625 miles. New Hobbs Station is located in the SW quarter of Section 15, R-38-E, T-19-S, approximately 5 km S. of Hobbs, NM. Based on the formula:  $V = L \times (3.1416 \times d^2/4) \times 12/231$ , the line fill volume is 57,388.89 gallons, or 1,366.4 barrels. The plan submitted specified 1,500 barrels, allowing for pressure and temperature compensation.

Further research on the groundwater depth shows 37 wells in this section with an average depth of 49 feet. Water well information was obtained from the New Mexico Office of the State Engineer and the New Mexico Ground Water Association web sites. (Files attached) Depth, flow direction and gradient of the ground water below the site are judged to safely prevent compromising ground water conditions. Attached please find files showing aerial and topo images of our station site. Our tank and bermed containment area is identified in the upper center of the aerial photo. We also have plenty of area outside the tank dike to discharge the water without threatening ground water or potential waterways.

We do have a water well located 200 meters South of our tank dike (no well information or data available). If you desire, I will gladly sample this well before and after discharge for Total Dissolved Solids, BTEX, or other methods to verify groundwater quality. This would also allow me to establish depth-to-water and other data for our records.

The soil around the tank and within the bermed area is clean with lots of sand rock. There have been no spills or releases on this property. Tank 801 is an 80,000-barrel capacity, external floating roof tank, constructed in 1951.

I apologize again for neglecting to provide technical adequacy and sincerely hope this additional information will allow us permission to proceed with testing. Please contact me immediately if further action is required.

<<Topo Image New Hobbs Sta.pdf>>

<<New Hobbs Station.pdf>>

<<New Mexico-Hobbs-Water Depth.pdf>>

<<NM-Water Column Report.pdf>>

Respectfully Submitted,

Wayne E. Roberts

Mgr., E & RC, SWR

915.682.5392 Office

915.413.8127 Mobile

915.687.4914 Fax

E-mail: weroberts@paalp.com

#####

Attention:

The information contained in this message and or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

#####

[Send To Printer](#)   [Back To TerraServer](#)

USGS 5 km S of Hobbs, New Mexico, United States 01 Jul 1979

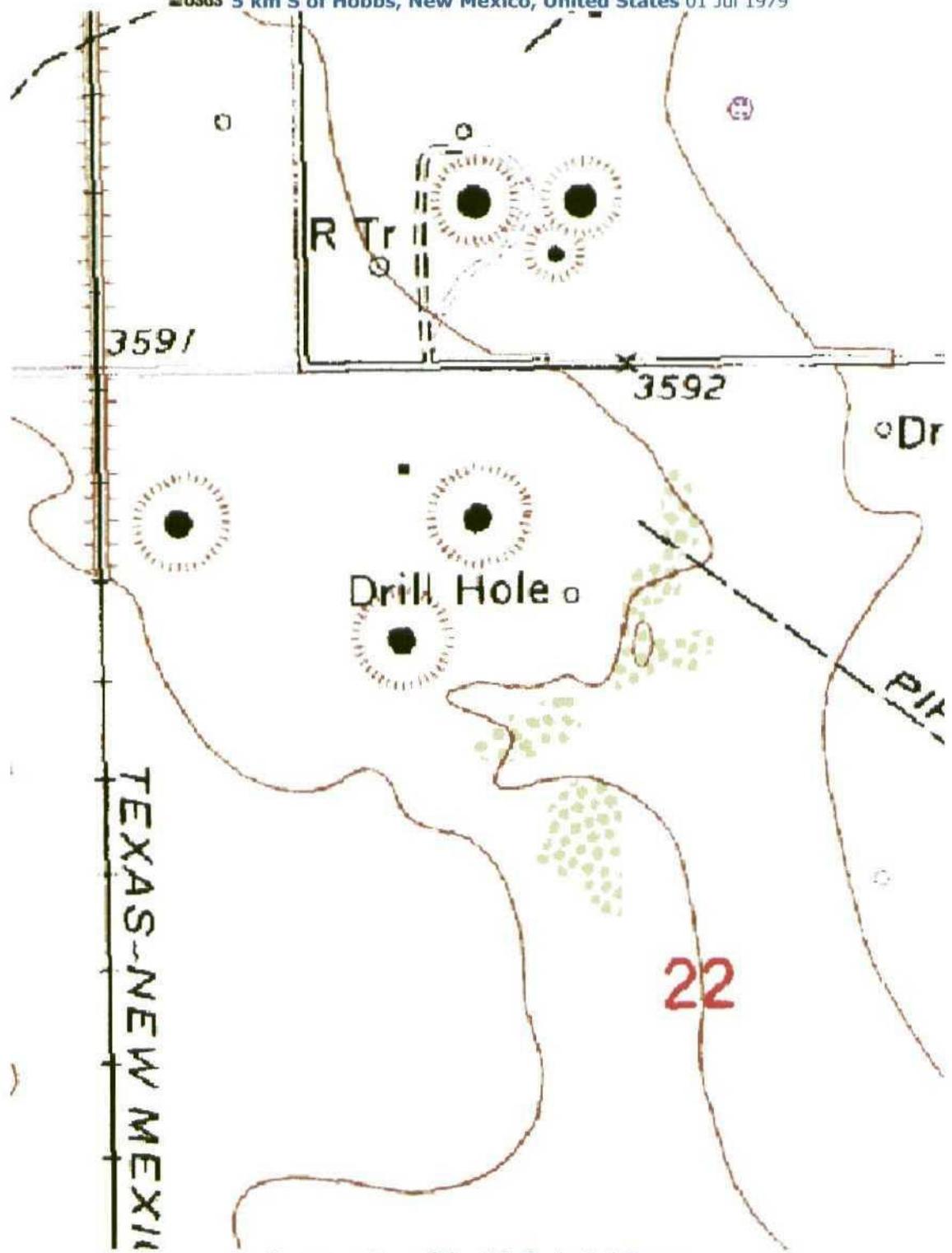


Image courtesy of the U.S. Geological Survey

[Send To Printer](#)   [Back To TerraServer](#)

**USGS 5 km S of Hobbs, New Mexico, United States** 01 Nov 1997



Image courtesy of the U.S. Geological Survey

*New Mexico Office of the State Engineer*  
**Well Reports and Downloads**

---

Township:  Range:  Sections:

NAD27 X:  Y:  Zone:  Search Radius:

County:  Basin:  Number:  Suffix:

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

Well / Surface Data Report  Avg Depth to Water Report

Water Column Report

Clear Form  WATERS Menu  Help

---

**AVERAGE DEPTH OF WATER REPORT 09/25/2002**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	19S	38E	15				37	32	74	49

Record Count: 37

**New Mexico Office of the State Engineer  
Well Reports and Downloads**

Township:  Range:  Sections:

NAD27 X:  Y:  Zone:  Search Radius:

County:  Basin:  Number:  Suffix:

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

**WATER COLUMN REPORT 09/25/2002**

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are biggest to smallest)

Well Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Wat Colt
L 06759	19S	38E	15							100	45	
L 07359	19S	38E	15	1	1	1				117	57	
L 03575 APPRO	19S	38E	15	1	4	4				100	51	
L 03575	19S	38E	15	1	4	4				110	51	
L 11074	19S	38E	15	2						200		
L 04612	19S	38E	15	2	2	4				100	32	
L 06858	19S	38E	15	2	3					100	45	
L 08046	19S	38E	15	2	4	4				130	58	
L 06922	19S	38E	15	3	2	2				100	50	
L 09052	19S	38E	15	3	2	3				120	58	
L 11376	19S	38E	15	3	2	3				200		
L 09486	19S	38E	15	3	2	4				132	74	
L 08279	19S	38E	15	3	4					130	58	
L 06101 CLW	19S	38E	15	4						100	38	
L 09896	19S	38E	15	4						100	38	
L 09821	19S	38E	15	4						100	51	
L 02667	19S	38E	15	4						105	70	
L 07512	19S	38E	15	4						100	32	
L 07882	19S	38E	15	4	1	1				100	32	
L 04489 APPRO	19S	38E	15	4	1	3				100	41	
L 09018	19S	38E	15	4	1	4				100	32	
L 09310	19S	38E	15	4	1	4				120	58	
L 05013	19S	38E	15	4	2					100	47	
L 09720	19S	38E	15	4	2					100	45	
L 04107	19S	38E	15	4	2	2				122	60	
L 04622	19S	38E	15	4	2	2				70	46	
L 04622 APPRO	19S	38E	15	4	2	2				70	46	
L 07379	19S	38E	15	4	2	3				120	44	
L 04539 APPRO	19S	38E	15	4	2	4				100	48	
L 10322	19S	38E	15	4	2	4				133	44	
L 04539	19S	38E	15	4	2	4				100	48	

L 08280	19S	38E	15	4	3	130	58
L 08363	19S	38E	15	4	3	130	58
L 11015	19S	38E	15	4	3 3	120	45
L 08352	19S	38E	15	4	4	118	50
L 07357	19S	38E	15	4	4	101	
L 06792	19S	38E	15	4	4	100	51
L 10503	19S	38E	15	4	4 3	100	70
L 02689 APPRO	19S	38E	15	4	4 4	83	49
L 02689	19S	38E	15	4	4 4	83	49

Record Count: 40

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 005308 dated 9-17-02,  
or cash received on 9-25-02 in the amount of \$ 250.<sup>00</sup>

from Plains Marketing, L.P.

for Plains All American Pipelng LP HI-080

Submitted by: Martayne Kielins Date: 9-25-02

Submitted to ASD by: [Signature] Date: 9-25-02

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee  New Facility \_\_\_\_\_ Renewal \_\_\_\_\_

Modification \_\_\_\_\_ Other and Temporary Permission Fee

Organization Code 521.07 Applicable FY 2002

To be deposited in the Water Quality Management Fund.

Full Payment  or Annual Increment \_\_\_\_\_

THIS CHECK IS VOID IF BURGUNDY COLOR BACKGROUND IS ABSENT

FORM PMLP-01

Plains Marketing, L.P.  
HOUSTON, TX

005308 11/24  
1210(B)

Pay to the order of: WATER QUALITY MANAGEMENT FUND

HYDROTEST PERMIT

1220S. ST. FRANCIS DR.  
SANTA FE, NM 87505

CITY STATE ZIP CODE

PHONE NUMBER

09 / 17 / 02  
MO DY YR

MATCH AMOUNT IN WORDS WITH NUMBERS

\$ 250.00

VOID AFTER 180 DAYS

THE AMOUNT IN NUMBERS MUST MATCH THE AMOUNT IN WORDS

TWO HUNDRED FIFTY AND NO/100 DOLLARS

PAYABLE THRU  
Wells Fargo Bank (Texas), N.A.

By [Signature]  
Plains Marketing, L.P.  
AUTHORIZED SIGNATURE

THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK HOLD AT ANGLE TO VIEW

⑈005308⑈ ⑆121000248⑆ 4496 815549⑈

**ENERGY, MINERALS AND NATURAL RESOURCES DEPT.**

-521

NO. 128141

Official Receipt

Date: 9 25 02 19  

Received from: RC Plastics Marketing LP

Dollar Amount 250

DR CR.	AMOUNT NUMBER	CENTER NUMBER	CREDIT AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.
<del>60</del>	<del>4290</del>				
60	4291				
60	3450				
60	3451				
60	3410				
60	4210				
60	4240				
60			250.00		
60					
60					
60					

**TOTAL**

250.00

By H. G. [Signature]

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

MEMORANDUM OF MEETING OR CONVERSATION

Telephone  Personal Time 4:00 Date 9-24-02

Originating Party Martynne Krieling Other Parties Wayne Roberts  
Planes All American

Subject Hydro test.

~~Charts~~ Sec 24, T 11S, R 32 E is 5 miles South of Cap Rock  
Section 29, T 26S, R 38E Far SE Corner of State West  
Full Section.

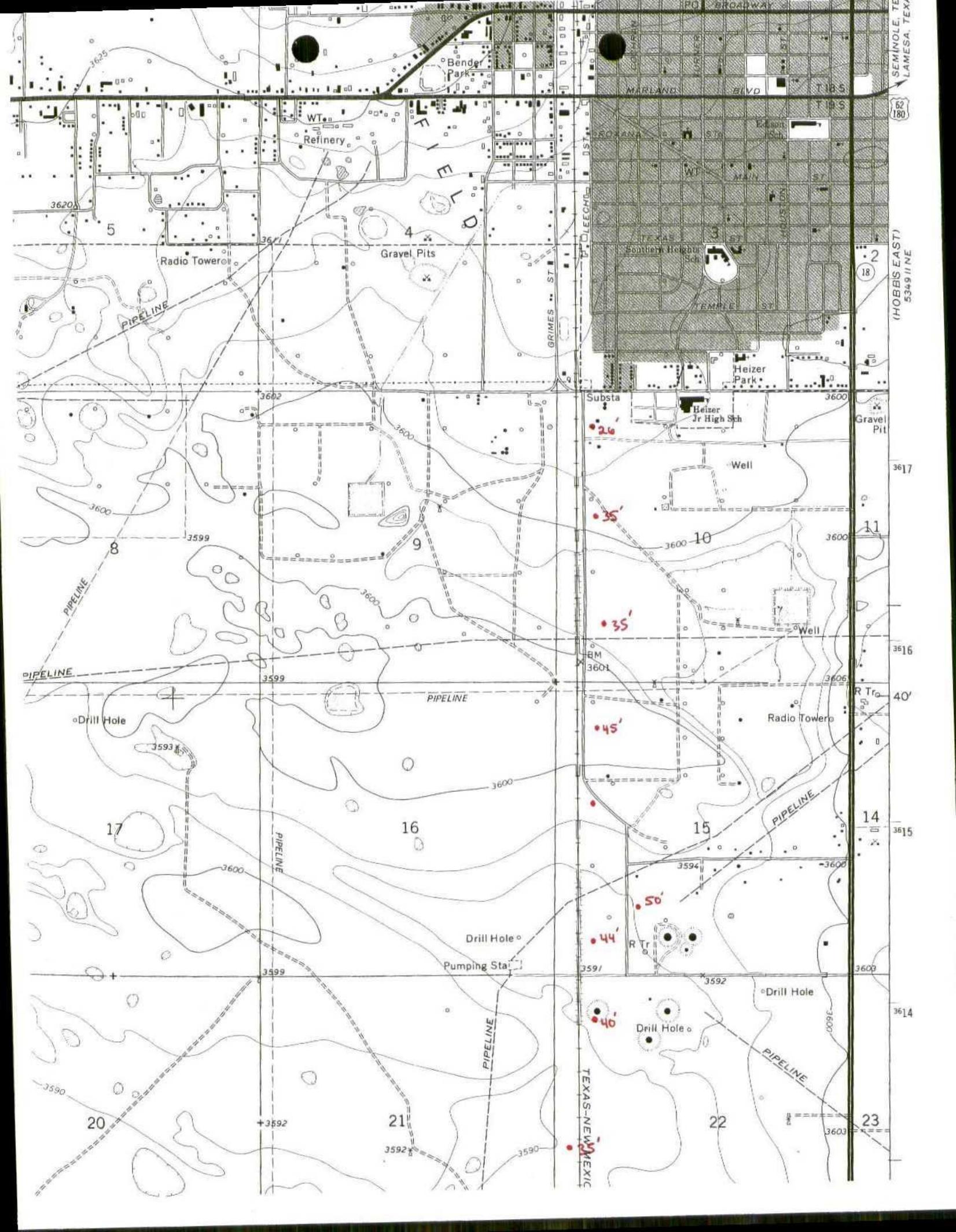
Discussion length of pipe 801625 miles 8 inch  
Discharge location Sec 15, T 19S, R 37 E Lea County

Wayne will get back to me tomorrow regarding the Discharge  
I. Had some Problems with Discharging ~~at~~ Remediated  
water in to a Basin area surrounding tanks. This could potentially  
Drive any Contaminations in the Soil Further Down in GW.

GW is ~~at~~ 35 to 50 feet.

Conclusions or Agreements Please locate More Pertinent GW Data Information.

Distribution \_\_\_\_\_ Signed Martynne Krieling



SEMINOLE, TEXAS  
LAMESA, TEXAS

62  
180

(HOBBS EAST)  
5349 LINE

3617

3600

3616

40'

3615

3609

3614

3607

3603

3603

TEXAS-NEW MEXIC

WELL / SURFACE DATA REPORT 09/24/2002

(quarters are 1=NW 2=NE 3=SW 4=SE)

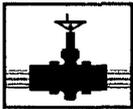
(acre ft per annum)

(quarters are biggest to smallest X Y are in Feet

UTM are in Meters)

Start Finish Depth (in feet) Well Water

DB File Nbr	Use	Diversion	Owner	Well Number	Source	Tws Rng Sec q q Zone	X	Y	UTM_Zone	Eastings	Northing	Date	Depth	(in feet)	Well Water
L 03181	PRO	3	HUMBLE OIL & REFINING COMPANY L	03181	Shallow	19S 37E 10 3 3 2	13	664643	13	664643	3615877	04/23/1956	04/24/1956	130	35
L 03181	APPRO	Shallow	19S 37E 10 3 3 2	13	664643	3615877	04/23/1956	04/24/1956	130	35					
L 03208	PRO	3	OSCAR BOURG DRLG. CO.	L 03208	Shallow	19S 37E 10 1 3	13	664531	13	664531	3616582	05/24/1956	05/25/1956	100	35
L 03208	APPRO	Shallow	19S 37E 10 1 3	13	664531	3616582	05/24/1956	05/25/1956	100	35					
L 03234	PRO	3	MAKIN DRILLING COMPANY	L 03234	Shallow	19S 37E 10 1 1	13	664525	13	664525	3616984	06/19/1956	06/20/1956	112	26
L 03234	APPRO	Shallow	19S 37E 10 1 1	13	664525	3616984	06/19/1956	06/20/1956	112	26					
L 03313	PRO	3	D-K DRILLING CO.	L 03313	Shallow	19S 37E 22 1 1	13	664578	13	664578	3613767	09/24/1956	09/25/1956	90	40
L 03313	APPRO	Shallow	19S 37E 22 1 1	13	664578	3613767	09/24/1956	09/25/1956	90	40					
L 03378	PRO	0	MAKIN DRILLING CO.	L 03378	19S 37E 15 1 3		13	664558	13	664558	3614973				
L 03387	PRO	3	AMERADA PETROLEUM CORPORATION L	03387	Shallow	19S 37E 22 3 1 1	13	664490	13	664490	3613064	12/16/1956	12/17/1956	95	35
L 03387	APPRO	Shallow	19S 37E 22 3 1 1	13	664490	3613064	12/16/1956	12/17/1956	95	35					
L 03403	PRO	3	OSCAR BOURG DRLG. CO.	L 03403	Shallow	19S 37E 10 1 3	13	664531	13	664531	3616582	01/01/1957	01/01/1957	85	35
L 03403	APPRO	Shallow	19S 37E 10 1 3	13	664531	3616582	01/01/1957	01/01/1957	85	35					
L 03417	PRO	3	SHELRO DRILLING CO.	L 03417	Shallow	19S 37E 15 3 3	13	664572	13	664572	3614169	01/18/1957	01/19/1957	96	44
L 03417	APPRO	Shallow	19S 37E 15 3 3	13	664572	3614169	01/18/1957	01/19/1957	96	44					
L 03517	PRO	3	CACTUS DRILLING COMPANY	L 03517	Shallow	19S 37E 15 1 1	13	664551	13	664551	3615375	10/22/1956	10/24/1956	72	45
L 03517	APPRO	Shallow	19S 37E 15 1 1	13	664551	3615375	10/22/1956	10/24/1956	72	45					
L 03525	PRO	0	DENVER DRLG. CORP.	L 03525	Shallow	19S 37E 15 3	13	664773	13	664773	3614370	05/13/1957	05/14/1957	100	50
L 03525	APPRO	Shallow	19S 37E 15 3	13	664773	3614370	05/13/1957	05/14/1957	100	50					



**ALL AMERICAN  
PIPELINE, L.P.**



**PLAINS  
ALL AMERICAN  
PIPELINE, L.P.**

September 23, 2002

Ms. Martyne Kieling  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Wayne E. Roberts  
Southwestern Region  
Mgr. Env. & Reg. Compliance

Phone: 915-682-5392  
Fax: 915-687-4914  
Mobile: 915-413-8127  
weroberts@paalp.com

P.O. Box 3371  
Midland, Texas 79702-3371

Plains All American GP LLC, General Partner of Plains AAP, L.P.  
the General Partner of Plains All American Pipeline, L.P.

**RE: Request for Temporary Permission to Pressure Test An In-Service Pipeline Segment  
(Notice of intent to Discharge)**

Dear Ms. Kieling:

Plains All American Pipeline, LP respectfully requests permission for hydrostatic testing of its North Hobbs Gathering System 8" crude oil pipeline on **October 7, 2002**. The preparation of plans and specifications for the hydrostatic testing were developed in accordance with 49 CFR 195 [§195.302], and guidelines of the New Mexico Oil Conservation Division utilizing regulatory treatment standards and process knowledge for fresh water in contact with petroleum crude oil that will require treatment prior to discharge.

A map showing the location of the pipeline to be tested is enclosed. The testing and dewatering is contracted to The BJB Company, Inc., P.O. Box 367, Post, TX 79356, and sub-contracted to BNC Environmental Services, Inc., 13431 Cullen Boulevard, Houston, TX 77047. Copies of BJB's Test Plan and BNC's dewatering process are enclosed.

The enclosed Test Plan and Hydro Test Water Sampling & Monitoring Protocol contain all necessary information as outlined in the NMOCD Guidelines For Hydrostatic Test Dewatering. A check for \$250.00 is enclosed to cover the Filing fee and Temporary Permission fee.

Please review our plan and information submitted and issue the discharge permit to allow this testing and discharge, or advise immediately if further action and/or information is required.

Respectfully submitted,

Wayne E. Roberts  
Manager, Environmental & Regulatory Compliance  
All American Pipeline, LP  
Southwestern Region





**Plains All American Pipeline Company**  
**North Hobbs Hydrotest Plan and Overview**

- Execute one-calls.
- Excavate all tie-ins, hot-bolt flanges and prepare skillets and blinds.
- Set temporary storage tanks (portable Frac tanks) at launching and receiving points and hard pipe to system.
- Fill Frac tanks at launch point with approximately 1500 bbls of fresh city water.
- Set fill pumps and loop into system.
- Load 1 – 2C – 3D pig and launch with 50 bbls of fresh water.
- Load 1 – 2C – 3D pig and launch with 50 bbls of fresh water.
- Load 1 – 2C – 3D pig and launch with 50 bbls of fresh water.
- Load 1 – 2C – 3D pig and launch with approximately 1500 bbls of fresh water laced with SF6 tracer gas.
- Pump system up to 50% of maximum test pressure and check and sniff all tie-in points, flanges and vent pipes on system. Line will be held at 50% for a minimum of 8 hours to stabilize.
- Pump system up to 75% of maximum test pressure and check and sniff all tie-in points, flanges and vent pipes on system. Line will be held at 75% for a minimum of 4 hours.
- Pump system up to test pressure and chart and record for 8 hours.
- Release pressure on system into Frac tanks on receiver side of system.
- Pull blinds and skillets.
- Displace fresh water into Frac tanks on receiver side of system with crude stream.
- Check all appurtenances for soundness and return system to normal operation.
- Test water will be held in tankage for testing and treatment and then released into tank impoundment for evaporation and dissipation.

# BNC GENERAL HYDROTEST TREATMENT PROCESSING

Process criteria were developed utilizing regulatory treatment standards and process knowledge for fresh water in contact with petroleum crude oil that will require treatment prior to discharge.

The treated water will be land applied within existing tank berms located within the facility and meets the definition of land application after treatment. The hydrotest water will be treated to media-specific levels for benzene in accordance with 40 CFR 268.48 "Universal Treatment Standards" (UTS) under the Land Disposal Restrictions (LDRs) before the water is discharged to land. The discharged water will not cause the groundwater to exceed standards as set forth in Section 3103 A, B, and C of the New Mexico Water Quality Control Commission Regulations.

The portable treatment facility will be designed to fully comply with all applicable local, state and federal regulations, and with all applicable construction and safety standards. Construction and operation of the facility will be conducted to conform to regulatory requirements for "90-day accumulation containers." We understand the importance that Plains All American Pipeline, LP places on safety, compliance with applicable regulatory requirements, and minimizing risk associated with treatment and discharge of the hydrotest waters, and have developed our work plans accordingly.

## **REGULATORY FRAMEWORK**

The State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division (OCD) has regulatory jurisdiction for the treatment and discharge of hydrotest waters from crude oil pipelines located in New Mexico. The project complies with applicable requirements for treatment and discharge of such waters under state and applicable federal regulations for waste treatment and land application limitations. As the treatment system is closed and produces no emissions, air quality permits are not applicable. Applicable regulations are summarized as follows:

### Waste Characterization

Water produced in association with hydrostatic testing of crude oil may or may not exhibit hazardous characteristics, as defined in 40 CFR 262.11. The hydrotest water is an off-spec mixture of crude oil and freshwater. No chemical additives have been or will be introduced into the water stream. Upon separation of recoverable oil from the hydrotest water, the resulting wastewater may contain elevated dissolved hydrocarbon levels. As such, the wastewater resulting from oil/water separation will be treated to meet or exceed the applicable Universal Treatment Standards (UTS) set forth in 40 CFR 268.48.

Based on our knowledge of ground water and surface water that has been in prolonged contact with crude oil, UTS constituents such as Polynuclear Aromatics (PNAs) and other semi-volatile compounds lack the concentration and solubility to be present in the wastewater stream in detectable concentrations over the relatively short duration of the pipeline hydrotest. As such, the volatile organic compounds benzene, toluene, ethyl benzene and xylene will be considered as underlying constituents in the wastewater stream. None of these underlying constituents are anticipated to exhibit hazardous characteristics, but will be considered and treated to meet UTS requirements 40 CFR 268.48. The treatment process selected for removing the compounds from the wastewater (carbon/clay adsorption) will remove the target compounds from the wastewater.

### Air Emissions

No volatile air emissions are anticipated related to treatment of the hydrotest water because of the design and function of the treatment system. All components of the system prior to and during treatment are closed, and periodic monitoring during treatment will assure that no hazardous emissions result.

### **TREATMENT PROCESS DESCRIPTION**

The hydrotest water treatment system was developed using process knowledge and our experience with similar water treatment projects and from regulatory treatment standards specified by the NMOCD. Based on our evaluation, we propose to achieve the NMOCD effluent discharge standards using carbon adsorption and/or organic clay filtration in a closed container treatment system. The system will operate 12-24 hours a day during the one-time treatment and

discharge event, and will be continuously manned. The treatment facility will be constructed as a portable treatment system, in compliance with the requirements for "90-day accumulation" containers. Two high-pressure vessels containing activated granular carbon/clay will be used to achieve treatment rates of approximately 50-200 gpm, minimize down time, and optimize operating efficiency. The systems should achieve the UTS standard for benzene of 0.14 mg/l, as well as applicable limits for UTS underlying constituents (the OCD treatment standard for benzene anticipated for the project is 0.05 mg/l). The waste will be generated upon separation of recoverable oil from the hydrotest water in an oil/water separation tank. The "90-day accumulation" period will commence as each unit of wastewater is discharged from the oil/water separation tank.

Water flow will be metered upon its exit from the treatment system using a mechanical totalizing meter. At a minimum effluent wastewater samples will be collected at the start and end of the project, and at the commencement of any process modification to the treatment system.

The wastewater will be treated to achieve a net rate of treatment of 50-200 gallons per minute. Water will be pumped from the tank or pipe (point of waste generation) to the carbon/clay filter vessels, and then, initially, back to the equalization tank prior to discharge. Once system efficiency has been demonstrated, the treated water will be pumped directly to the designated discharge area. Treated hydrotest water will either be discharged within a system of bermed firewalls surrounding the crude oil storage tanks at the facility or onto an approved location along the pipeline right-of-way. The majority of the water will evaporate, although some percolation of water into the shallow soil horizon is anticipated. No water will be allowed to leave Plains All American Pipeline, LP property.

### **COMPLIANCE SAMPLING**

Based upon conversations with NMOCD personnel and our understanding of existing pipeline operations and NMOCD requirements, samples of the hydrotest water will be sampled for major anions and cations, heavy metals, aromatic and halogenated hydrocarbons, TDS, pH, and conductivity. Samples of the hydrotest water will be required before and during the discharge event.

Ambient air quality samples will also be collected daily with a photo ionization meter, calibrated in accordance with applicable regulations. Detailed records will be kept recording flow rates, cumulative measurements, and analytical results. Record keeping will be in accordance with applicable state and federal requirements, as well as with specific requirements set forth in the NMED minor permit or Letter of Authority.

### **RECORDKEEPING AND REPORTING**

Record keeping and reporting requirements in conjunction with this project include the following:

#### **Waste Analysis Plan/Data**

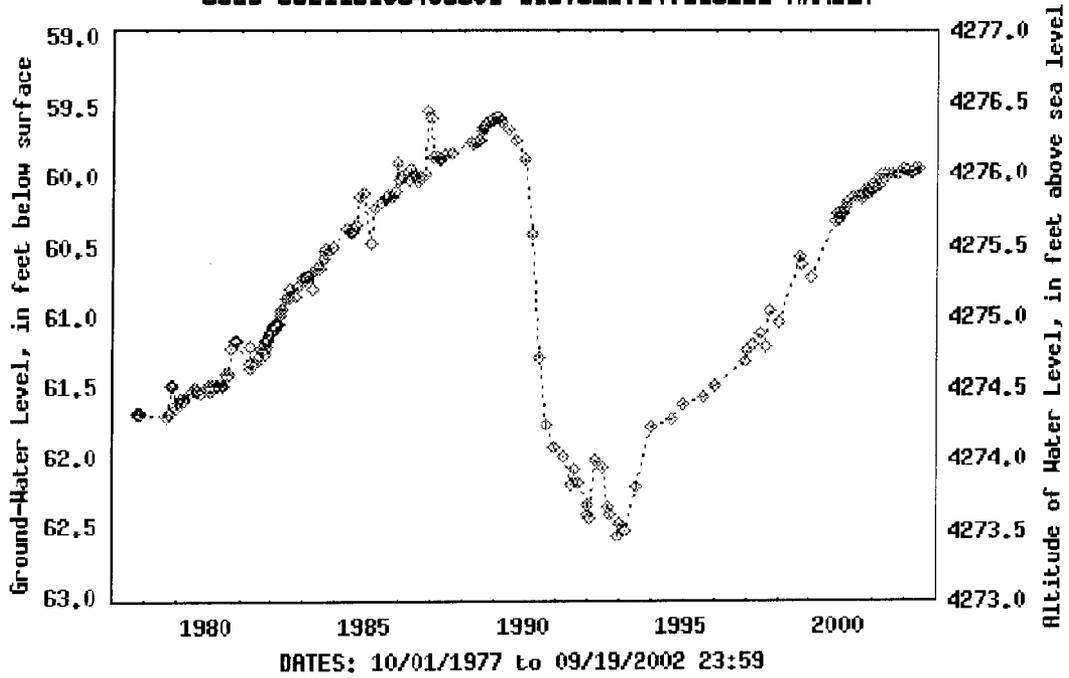
A copy of the Plan will be maintained on-site during all treatment activities. Copies of all analytical data, instrument calibration data, process knowledge information, and other technical data, notices, certification or demonstrations related to the Plan will be maintained for five years after completion of waste treatment activities.

#### **Notification/Certification**

A one-time notification and certification to the OCD will be filed upon completion of waste treatment activities.



USGS 332115103403301 11S.32E.24.113222 HAMILT



Provisional Data Subject to Revision

GW Depth  
Location 15<sup>sec</sup> T19S R37E

11S 32E Sec 24  
= 5 miles South of Cap Rock  
NM

sec 25, T26S, R, 38E  
Fair SE Full section

Water Resources

Data Category:  Geographic Area:

# Ground-water levels for New Mexico

Search Results -- 1 sites found

Search Criteria

Agency code = usgs  
 site\_no list = • 320031103045201

Save file of selected sites to local disk for future upload

**USGS 320031103045201 26S.38E.29.41114**

Available data for this site

<p>Lea County, New Mexico                  Hydrologic Unit Code 13070007                  Latitude 32°00'31", Longitude 103°04'52" NAD27                  Gage datum 2,962.40 feet above sea level NGVD29                  The depth of the well is 70 feet below land surface.                  This well is completed in ALLUVIUM,BOLSON DEPOSITS AND OTHER SURFACE DEPOSITS (110AVMB)</p>	<p><b>Output formats</b></p> <p><input type="button" value="Table of data"/></p> <p><input type="button" value="Tab-separated data"/></p> <p><input type="button" value="Graph of data"/></p> <p><input type="button" value="Reselect period"/></p>																					
<p style="text-align: center;"><b>USGS 320031103045201 26S.38E.29.41114</b></p> <table border="1"> <caption>Estimated data from the graph</caption> <thead> <tr> <th>Year</th> <th>Ground-Water Level (feet below surface)</th> <th>Altitude of Water Level (feet above sea level)</th> </tr> </thead> <tbody> <tr> <td>1970</td> <td>38.55</td> <td>2923.85</td> </tr> <tr> <td>1975</td> <td>38.40</td> <td>2924.00</td> </tr> <tr> <td>1980</td> <td>37.90</td> <td>2924.50</td> </tr> <tr> <td>1985</td> <td>37.50</td> <td>2924.90</td> </tr> <tr> <td>1990</td> <td>37.30</td> <td>2925.10</td> </tr> <tr> <td>1995</td> <td>37.25</td> <td>2925.15</td> </tr> </tbody> </table>		Year	Ground-Water Level (feet below surface)	Altitude of Water Level (feet above sea level)	1970	38.55	2923.85	1975	38.40	2924.00	1980	37.90	2924.50	1985	37.50	2924.90	1990	37.30	2925.10	1995	37.25	2925.15
Year	Ground-Water Level (feet below surface)	Altitude of Water Level (feet above sea level)																				
1970	38.55	2923.85																				
1975	38.40	2924.00																				
1980	37.90	2924.50																				
1985	37.50	2924.90																				
1990	37.30	2925.10																				
1995	37.25	2925.15																				

Identification of Landowners  
Adjacent to the  
North Hobbs 8-inch Pipeline

# **NORTH HOBBS EIGHT-INCH**

## **SECTION 13, TOWNSHIP 18 SOUTH, RANGE 37 EAST**

### **Southeast Quarter**

**H. G. Huston Estate  
Sally Huston Seed  
4721 Lovington Highway  
Hobbs, NM 88240  
(505) 392-5979**

## **SECTION 24, TOWNSHIP 18 SOUTH, RANGE 37 EAST**

### **Northeast Quarter of the Northeast Quarter**

**Alice H. Cushing  
1605 Baylta Lane NW  
Albuquerque, NM 87107  
(505) 275-7756**

## **SECTION 19, TOWNSHIP 18 SOUTH, RANGE 38 EAST**

### **West Half of the Northwest Quarter**

**DMMT, Inc.  
P.O. Box 339  
Hobbs, NM 88241-0339  
No telephone number available**

### **East Half of the Northwest Quarter**

**Armstrong Construction Co.  
P.O. Box 1873  
Roswell, NM 88201  
(505) 392-1193**

### **Southwest Quarter**

**DMMT, Inc.  
See Above**

# **NORTH HOBBS EIGHT-INCH**

## **SECTION 30, TOWNSHIP 18 SOUTH, RANGE 38 EAST**

**1 acre out of the Northeast Quarter of the Northwest Quarter**

**Bobby Lynn Strasner  
2701 N. Jefferson  
Hobbs, NM 88241  
(505) 392-6085**

**1.12 acres out of the Northeast Quarter of the Northwest Quarter**

**Lehman J. Sandoval  
2209 Robert Lane  
Hobbs, NM 88240  
(505) 393-8510**

**South 155 feet of Tract 1 and all of Tract 9, Bensing Tracts in the West Half of the Northeast Quarter**

**Joe B. Conaway  
3919 W. Bender  
Hobbs, NM 88240  
(505) 393-2031**

**Tract 13, Bensing Tracts in the West Half of the Northeast Quarter**

**D. D. Dobbs  
P.O. Box 2189  
Hobbs, NM 88240  
(505) 393-9787**

**Tract 17, Bensing Tracts in the West Half of the Northeast Quarter**

**Church of Firstborne  
c/o Mrs. Virgil Wittman  
1902 N. Gary Lane  
Hobbs, NM 88240  
(505) 393-2557**

**Tract 18, Bensing Tracts in the West Half of the Northeast Quarter**

**Danny R. Dobbs  
2033 Carr Lane  
Hobbs, NM 88240  
No telephone number available**

## **NORTH HOBBS EIGHT-INCH**

**Tracts 22 and 26, Bensing Tracts in the West Half of the Northeast Quarter**

**Audrey Eaton  
1919 Carr Lane  
Hobbs, NM 88240  
(505) 393-8372**

**South Half of Tract 27, Bensing Tracts in the West Half of the Northeast Quarter**

**Daniel M. Walton  
921 W. Alabama  
Hobbs, NM 88240  
(505) 392-8811**

**Tracts 31 and 35, Bensing Tracts in the West Half of the Northeast Quarter**

**Bill Bell  
1217 W. Madison Avenue  
Lovington, NM 88260  
(505) 396-5528**

**Southwest Quarter of Tract 36, Bensing Tracts in the West Half of the Northeast Quarter**

**Neal D. King  
4001 Mahan Drive  
Hobbs, NM 88240  
(505) 397-1603**

**Southeast Quarter less a 1 acre tract owned by Shell Oil Company**

**8/9 Interest William Cecil Grimes Estate  
William C. Grimes Trust  
c/o United New Mexico Trust Co.  
P.O. Box 5614  
Hobbs, NM 88241  
(505) 397-3271**

**1/9 Interest William C. Grimes Maddox  
c/o R.M.&S. Enterprises  
Drawer C  
Hobbs, NM 88241  
No telephone number available**

# **NORTH HOBBS EIGHT-INCH**

## **SECTION 29, TOWNSHIP 18 SOUTH, RANGE 38 EAST**

### **Southwest Quarter**

**William Cecil Grimes Maddox  
c/o R.M.&S. Enterprises  
See Above**

## **SECTION 32, TOWNSHIP 18 SOUTH, RANGE 37 EAST**

### **A portion of the Northwest Quarter of the Northwest Quarter**

**8/9 interest William C. Grimes Estate  
See Above**

**1/9 interest William C. Grimes Maddox  
See Above**

### **6.45 acres in the Northwest Quarter of the Northwest Quarter**

**T. R. Beeson  
c/o Cinco Bisco Ltd. Partnership  
P.O. Box 25007  
Albuquerque, NM 87125  
No telephone number available**

### **7.5 acres out of the Northwest Quarter**

**Moranco Drilling, Inc.  
901 W. Marland Blvd.  
Hobbs, NM 88240  
(505) 397-3511**

### **Southeast Quarter of the Northwest Quarter; Northeast Quarter of the Southwest Quarter; and the northern part of the West Half of the Southeast Quarter**

**8/9 Interest William C. Grimes Estate  
See Above**

**1/9 interest William C. Grimes Maddox  
See Above**

### **0.66 acres out of the south part of the West Half of the Southeast Quarter**

**Marvin Leland Casey and Thomas L. Taylor  
7024 West County Road  
Odessa, TX 79762  
(915) 362-1358**

# **NORTH HOBBS EIGHT-INCH**

**0.66 acres out of the south part of the West Half of the Southeast Quarter  
Southwestern Trailer Equipment Co.  
2602 W. Marland Blvd.  
Hobbs, NM 88240  
(505) 397-3328**

## **SECTION 5, TOWNSHIP 19 SOUTH, RANGE 38 EAST**

**5 acre tract in the northeast corner of the Northwest Quarter of the Northeast Quarter**

**Brown Well Service & Supply Co.  
2205 Salinas  
Odessa, TX 79763  
No telephone number available**

**6.12 acre tract in the Northwest Quarter of the Northeast Quarter**

**Marion Claude Hightower, Jr.  
P.O. Box 2607  
Hobbs, NM 88241  
(505) 397-2680**

**2.5 acre tract in the Northeast Quarter of the Northeast Quarter**

**Amoco Production Company  
1017 W. Stanolind Road  
Hobbs, NM 88240  
(505) 397-8200**

**Southwest corner of a 4.37 acre tract in the Northeast Quarter of the Northeast Quarter**

**Lewis F. Wright  
2701 W. Marland Blvd.  
Hobbs, NM 88240  
(505) 393-0271**

**0.6 acre tract in the Northeast Quarter of the Northeast Quarter**

**Debra J. Harless  
HCR 4, Box 1094  
Burnet, TX 78611  
(512) 756-6830**

## **NORTH HOBBS EIGHT-INCH**

**Northeast corner of a 2.36 acre tract in the Southeast Quarter of the Northeast Quarter**

**Eugene Harless  
Route 2, Box 270LL  
Burnet, TX 78611  
(512) 756-7494**

**Southwest corner of a tract in the Southeast Quarter of the Northeast Quarter**

**Albert D. Hall  
1826 Steven Drive  
Hobbs, NM 88240  
(505) 393-8636**

**2.36 acre tract in the Southeast Quarter of the Northeast Quarter**

**Henry H. Marshall  
708 E. Midwest  
Hobbs, NM 88240  
No telephone number available**

**2.5 acre tract in the Southeast Quarter of the Northeast Quarter**

**Margaret and J. W. Baker  
4524 7th Street  
Lubbock, TX 79416  
(806) 792-6025**

**0.5 acre tract in the Southeast Quarter of the Northeast Quarter**

**Charles D. Lankford  
209 E. Gypsy  
Hobbs, NM 88240  
(505) 397-1787**

**5 acre tract in the Southeast Quarter of the Northeast Quarter**

**Fred W. Smith  
1120 Texaco Road  
Hobbs, NM 88240  
No telephone number available**

# **NORTH HOBBS EIGHT-INCH**

**Northeast corner of a 2.5 acre tract in the Southeast Quarter of the Northeast Quarter**

**Sim H. Levy  
401 S. Turner  
Hobbs, NM 88240  
(505) 392-2338**

**2.5 acre tract in the Southeast Quarter of the Northeast Quarter**

**Waymond D. Smith  
1120 Texaco Road  
Hobbs, NM 88240  
(505) 393-6282**

**Northeast Quarter of the Southeast Quarter**

**Texaco, Inc.  
205 E. Bender Blvd.  
Hobbs, NM 88240  
(505) 393-7191**

## **SECTION 4, TOWNSHIP 19 SOUTH, RANGE 38 EAST**

**West Half of the Southwest Quarter**

**Texaco, Inc.  
See Above**

## **SECTION 9, TOWNSHIP 19 SOUTH, RANGE 38 EAST**

**Northwest Quarter**

**Will N. Terry Trust  
P.O. Box 686  
Hobbs, NM 88240  
No telephone number available**

**Southwest Quarter of the Northeast Quarter**

**State of New Mexico  
TENANT Will N. Terry Trust  
See Above**

# **NORTH HOBBS EIGHT-INCH**

**Southeast Quarter  
Will N. Terry Trust  
See Above**

## **SECTION 10, TOWNSHIP 19 SOUTH, RANGE 38 EAST**

**Southwest Quarter  
Will N. Terry Trust  
See Above**

## **SECTION 15, TOWNSHIP 19 SOUTH, RANGE 38 EAST**

**Northeast Quarter of the Northwest Quarter  
Will N. Terry Trust  
See Above**

**West Half of the Northeast Quarter  
Steven Scarborough and Frank Selman  
c/o James A. Selman  
3324 Eunice Highway  
Hobbs, NM 88240  
(505) 393-3238**

**East 244.59 feet of Tract 7, Block 1, Llano Grande Subdivision in the Northwest  
Quarter of the Southeast Quarter  
Harvey Humphrey  
230 E. Llano Grande  
Hobbs, NM 88240  
(505) 393-7515**

**North 292 feet of the West 85.41 feet of Tract 7, Block 1, Llano Grande  
Subdivision in the Northwest Quarter of the Southeast Quarter  
Santiago Maciel  
500 E. Skelly  
Hobbs, NM 88240  
No telephone number available**

## **NORTH HOBBS EIGHT-INCH**

**South 218 feet of the West 85.41 feet of Tract 7, Block 1, Llano Grande  
Subdivision in the Northwest Quarter of the Southeast Quarter**

**George Oldaker  
3300 E. Hardy  
Hobbs, NM 88240  
(505) 397-1794**

**1 acre out of the northwest corner of Tract 8, Block 2, Llano Grande Subdivision  
in the Northwest Quarter of the Southeast Quarter**

**James Preston Chance  
129 Llano Grande Road  
Hobbs, NM 88240  
(505) 397-1575**

**North Half of the Northeast Quarter of the Southwest Quarter**

**ARCO Pipeline Company  
Eunice Highway  
Hobbs, NM 88240  
(505) 393-2441**

**Southeast Quarter of the Northeast Quarter of the Southwest Quarter**

**Dave Lenard  
125 E. Llano Grande Drive  
Hobbs, NM 88240  
(505) 393-5918**