HIP - __119__

GENERAL CORRESPONDENCE

YEAR(S): 2013 to Present

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of Check No. 1688094 dated 6/24/13

or cash received on 7/10/13 in the amount of $ 600.00

from Kleinfelder West Inc

for HIP-119

Submitted by: Brad Jones Date: 7/10/13

Submitted to ASD by: Rachel Herrera Date: 7/11/13

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility: _____ Renewal: _____

Modification _____ Other Permit Fee

Organization Code 521.07 Applicable FY FY14

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

New Mexico Environment Department Revenue Transmittal

		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	600.00	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:

Contact Person: Glenn VanGonten Phone #: 476-3488 Date: 7/11/13

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

FSB025

NEW MEXICO ENVIRONMENT DEPARTMENT - ALBUQUERQUE FIELD OFFICE DAILY CHECK RECEIPT LOG

DATE RECEIVED	WALK IN	MAIL	NAME ON CHECK	DATE OF CHECK	CHECK/MONEY ORDER#	PROGRAM ACCOUNT CODE	AMOUNT OF CHECK	DATE DEPOSITED	DEPOSITED BY:
7/10/13		X	Kleinfelder West	6/24/13	688094		600.00		
							600.00		
TOTAL							~~$0.00~~		

REVENUE TRANSMITTAL SHEET

Description	Fund	Dept.	Share Acct	Sub Acct	Amount
Liquid Waste	34000	Z3200	496402		
Water Recreation Facilities	40000	Z8501	496402		
Food Permit Fees	99100	Z2600	496402		
OTHER					

KLEINFELDER
Bright People. Right Solutions.

RECEIVED OCD

2013 JUL -9 P 1:00

July 8, 2013
File No.: 131457

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

Subject: **Submittal of General Permit Fee for Hydrostatic Test**
Bopco 4-Mile Lateral
Eddy County, New Mexico

Dear Mr. Jones:

On behalf of Enterprise Products Operating Company Inc. (Enterprise), Kleinfelder West, Inc. (Kleinfelder) is submitting this $600.00 general permit fee for HIP-119.

Should you have any questions, please feel free to contact Barbara Everett (Kleinfelder) at 505.344.7373 or Jimmy White (Enterprise) at 713.381.1785.

Respectfully submitted,

KLEINFELDER WEST, INC.

Barbara Everett, PG
Program Manager

cc: James White, Enterprise Products Operating LLC, PO Box 4324
Houston, TX 77210

Attachment:
$600 Check

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

KLEINFELDER
Bright People. Right Solutions.

DOCUMENT TRANSMITTAL FORM

TO:	Mr. Brad Jones New Mexico Energy, Minerals, and Natural Resources Department - OCD 1220 St. Francis Drive Santa Fe, NM 87505	**PAGE**	1	**OF**	1
		TRANSMITTAL DATE:	7/8/2013		
		TRANSMITTAL DCN:	131457.1-ALB13TS008		
RETURN RESPONSES/COMMENTS TO:	Barbara Everett				
RETURN RESPONSES/COMMENTS BY:	7/16/2013				

RECEIVED OCD
2013 JUL -9 P 1:00

PROJECT NO.:	131457	**PROJECT NAME:**	2013 Hydrostatic Permitting
ACTIVITY/DESCRIPTION:	Letter and Check		

DOCUMENTS BEING TRANSMITTED

ITEM	REV.	PAGES	DATE	DESIGNATOR
Submittal of General Permit Fee for Hydrostatic Test	0	1	7/8/2013	131457.1-ALB13LT009
Check	--	1	--	--
--	--	--	--	--

INSTRUCTIONS/REMARKS

Copy to:
Jimmy White

- ☐ Mark previous issues "obsolete", "superceded", or "uncontrolled"
- ☐ Destroy previous affected material
- ☐ Return old material with this record
- ☒ New issue (no previous copies received)
- ☐ Replace with revised/new material
- ☐ Maintain as controlled copy
- ☐ Not Applicable

RECEIPT AND READ ACKNOWLEDGEMENT
Please Sign and Return To:

ADMINISTRATIVE SUPERVISOR
9019 WASHINGTON NE, BUILDING A
ALBUQUERQUE, NM 87113
FAX: 505.344.1711 OR KKNIGHTS@KLEINFELDER.COM

CLIENT RECEIPT	PRINT NAME	SIGNATURE	DATE
Complete & Return this page via Fax/Mail/Email			

KLEINFELDER RECEIPT	PRINT NAME	SIGNATURE	DATE
Complete this section upon receipt from client			

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division

CERTIFIED MAIL RECEIPT # 7009 1680 0002 3341 9003

February 19, 2013

Ms. Shiver Nolan
Enterprise Products Operating, LLC
P.O. Box 4324
Houston, Texas 77210

Re: Hydrostatic Test Discharge Permit HIP-119
Enterprise Products Operating, LLC
BOPCO 4-Mile Lateral Pipeline
Locations: NE/4 of the NE/4, Section 25, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico

Dear Ms. Nolan:

Pursuant to the Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 – 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby proposes to approve Enterprise Products Operating, LLC's hydrostatic test discharge permit for the above referenced event contingent upon the conditions specified in the attached draft discharge permit. Please review and provide comments to OCD on the draft discharge permit within 30 days of receipt of this letter.

If you have any questions, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

Brad A. Jones
Environmental Engineer

Attachment: Draft Permit HIP-119

BAJ/baj

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division

February 19, 2013

Ms. Shiver Nolan
Enterprise Products Operating, LLC
P.O. Box 4324
Houston, Texas 77210

Re: Hydrostatic Test Discharge Permit HIP-119 DRAFT
Enterprise Products Operating LLC
BOPCO 4-Mile Lateral Pipeline
Locations: NE/4 of the NE/4, Section 25, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico

Dear Ms. Nolan:

The Oil Conservation Division (OCD) has received Enterprise Products Operating LLC's (Enterprise) revised notice of intent, dated February 14, 2013 and received February 18, 2013, for authorization discharge approximately 250,000 gallons of wastewater generated from a hydrostatic test of approximately 21,120 feet of a new 12-inch natural gas gathering system transmission pipeline (BOPCO 4-Mile Lateral), approximately 17 miles southeast of Loving, New Mexico. The proposed discharge/collection location is within Enterprise's pipeline easement right-of-way located in the NE/4 of the NE/4, Section 25, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico. OCD acknowledges the receipt of the filing fee ($100.00) from a submittal dated January 18, 2013. This permit will not become effective until OCD receives the general permit fee of $600.00 pursuant to 20.6.2.3114 NMAC. Please make the check payable to the **Water Quality Management Fund**.

Based on the information provided in the request, the hydrostatic test water discharge is hereby approved with the following understandings and conditions:

1. Enterprise will be testing approximately 21,120 feet of new 12-inch natural gas gathering system transmission pipeline, located approximately 17 miles southeast of Loving, New Mexico;

2. Enterprise will acquire the hydrostatic test water from the City of Carlsbad, New Mexico;

3. Enterprise will generate approximately 250,000 gallons of hydrostatic test wastewater from the test event. The hydrostatic wastewater will remain in the pipeline while being sampled and awaiting test results from a certified laboratory;

4. Enterprise shall analyze all samples of wastewater generated from the hydrostatic test to demonstrate the results do not exceed the standards as set forth in Subsections A, B, and C of the 20.6.2.3103 NMAC;

5. Enterprise shall submit the test results via email or fax to the OCD for review and subsequent approval or disapproval for the test wastewater to be discharged;

6. If the final discharge of the wastewater is approved by the OCD, Enterprise will discharge the wastewater into a dewatering structure, constructed of non-woven geotextile and hay bales, to control erosion and contain the discharge within Enterprise's pipeline easement right-of-way located in the NE/4 of the NE/4, Section 25, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico;

7. If final discharge of the wastewater is approved, no hydrostatic wastewater generated will be discharged to groundwater or be allowed to exit the easement right-of-way;

8. If final discharge of the wastewater is approved, no discharge shall occur:
    a. where ground water is less than 10 feet below ground surface.
    b. within 200 feet of a watercourse, lakebed, sinkhole or playa lake;
    c. within an existing wellhead protection area;
    d. within, or within 500 feet of a wetland; or
    e. within 500 feet from the nearest permanent residence, school, hospital, institution or church;

9. If the final discharge of the wastewater is not approved by the OCD, Enterprise will slowly discharge the wastewater, via a system of flexible hoses and temporary piping, into twelve (12) 21,000 gallon frac tanks for temporary storage within Enterprise's pipeline easement right-of-way, while awaiting transfer, injection and disposal at Mesquite SWD, Inc.'s Class II injection well (API 30-015-23728/Order SWD 247-A);

10. Enterprise shall ensure that the temporary storage tanks shall have impermeable secondary containment (e.g., liners - geomembrane and berms – hay bales or a secondary containment tank), which will contain a volume of at least one-third greater than the total volume of the largest tank or one-third greater than the total volume of all tanks that are inter-connected, whichever is greater;

11. Enterprise will have personnel on-site to oversee and control the transfer and utilize collection pans placed below the collection points to prevent an unauthorized release;

12. Enterprise will not be analyzing the hydrostatic test wastewater prior to disposal because of the following: the wastewater has been demonstrated to be RCRA exempt waste and the proposal is to transfer the wastewater to Mesquite SWD, Inc.'s Class II injection well for injection and disposal;

13. Enterprise will ensure the transfer the hydrostatic test wastewater via an OCD approved C-133 water hauler to Mesquite SWD, Inc.'s Class II injection well (API 30-015-23728/Order SWD 247-A) for injection and disposal;

14. Enterprise shall remove all hydrostatic test wastewater from the collection/retention location within ten (10) calendar days of the completion of the hydrostatic test;

15. Enterprise shall restore any surface area impacted or disturb from the approved activities;

16. Enterprise shall implement best management practices to prevent unauthorized releases during the transfer/collection activities;

17. Enterprise shall ensure that the discharge/transfer/collection activities do not cause any fresh water supplies to be degraded or to exceed standards as set forth in Subsections A, B, and C of the 20.6.2.3103 NMAC (the New Mexico Water Quality Control Commission Regulations);

18. Enterprise must properly notify the landowner(s) of the proposed discharge/collection location of the approved activities prior to the hydrostatic test event; and

19. Enterprise shall report all unauthorized discharges, spills, leaks and releases of hydrostatic test water and conduct corrective action pursuant to OCD Rule 29 (19.15.29 NMAC).

This permit will not become effective until OCD receives the general permit fee of $600.00 pursuant to 20.6.2.3114 NMAC. Please make the check payable to the **Water Quality Management Fund**. It is understood that the hydrostatic test discharge will begin approximately March 27, 2013. This permit will expire within 120 calendar days of its issue date. This permit may be revoked or suspended for violation of any applicable provisions and/or conditions.

Please be advised that approval of this request does not relieve Enterprise of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve Enterprise of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

Brad A. Jones
Environmental Engineer

BAJ/baj

Cc: OCD District II Office, Artesia
Mr. Jim Heap, Enterprise Products Operating Company, Midland, Texas 79701

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division

February 19, 2013

Ms. Shiver Nolan
Enterprise Products Operating LLC
P.O. Box 4324
Houston, Texas 77210

Re: Hydrostatic Test Discharge Permit HIP-119
Enterprise Products Operating, LLC
BOPCO 4-Mile Lateral Pipeline
Locations: NE/4 of the NE/4, Section 25, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico

Dear Ms. Nolan:

The New Mexico Oil Conservation Division (OCD) has received Enterprise Products Operating LLC's (Enterprise) revised notice of intent, dated February 14, 2013 and received February 18, 2013, for authorization to discharge approximately 250,000 gallons of wastewater generated from a hydrostatic test of approximately 21,120 feet of a new 12-inch natural gas transmission pipeline (BOPCO 4-Mile Lateral), approximately 17 miles southeast of Loving, New Mexico. The proposed discharge/collection/retention location is within Enterprise's pipeline easement right-of-way located in the NE/4 of the NE/4, Section 25, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico. The submittal provided the required information in order to deem the application "administratively" complete. OCD approves the Carlsbad Current-Argus as the newspaper of general circulation for the published notice and the discharge and/or collection location (within Enterprise's pipeline easement right-of-way) and the post office in Loving, New Mexico as proposed posting locations.

Therefore, the July 2006 New Mexico Water Quality Control Commission (WQCC) regulations notice requirements (20.6.2.3108 NMAC) must be satisfied and demonstrated to the OCD. The hydrostatic test discharge event shall not be initiated until Enterprise's and OCD's notice periods pass, the permit is issued, and the additional permit fee is paid.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

Brad A. Jones
Environmental Engineer

BAJ/baj

cc: OCD District II Office, Artesia
Mr. James Heap, Enterprise Products Operating, LLC, Midland, TX 79701

Enterprise Products

ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

February 14, 2013

Federal Express

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

RE: Enterprise Products Operating LLC
Notice of Intent to Discharge Hydrostatic Test Water
Carlsbad Expansion, Bopco 4-mile Lateral
Eddy County, New Mexico

Dear Mr. Jones:

Enterprise Products Operating LLC (Enterprise) will be constructing the Bopco 4-mile lateral as an expansion to their Carlsbad-area natural gas gathering system. Please find enclosed an application for authorization to discharge hydrostatic test water following hydrostatic testing of the new pipeline.

Thank you for your assistance with this project. If you have questions or require additional information, please contact Ms. Barbara Everett, (505) 344-7373, or myself, 713-392-2458, with questions.

Sincerely,

James G. White
Sr. Environmental Scientist

/bjm
enclosure

Cc: Jim Heap, Enterprise
Shiver Nolan, Enterprise

P. O. BOX 4324
HOUSTON, TX 77210-4324
713.381.6500

1100 LOUISIANA STREET
HOUSTON, TX 77002-5227
www.epplp.com

1 Certification of Siting Criteria

Hydrostatic Discharge Line

I, James White, have performed a site visit to look for the presence of the items described below and have confirmed that these items were not observed within the specified distance for each item listed below of the edge of the pipeline right of way where the discharge of test water and or water storage tanks will be located in the NE/4 of the NE/4 of Section 25, Township 24 South, Range 30 East in Eddy County, NM. There are no exceptions to this list.

i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake;
iii. Within, or within 500 feet of, a wetland;or
ii. Within 500 feet from the nearest permanent residence, school, hospital, institution or church.

On behalf of Enterprise Products, I state that the above information is complete and true to the best of my knowledge.

14 FEB 13
Date

Title: Sr Environmental Scientist

KLEINFELDER
Bright People. Right Solutions.

February 14, 2013
File No.: 131457

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

Subject: Submittal of a Notice of Intent to Perform a Hydrostatic Test for Review Bopco 4-Mile Lateral Eddy County, New Mexico

Dear Mr. Jones:

On behalf of the Enterprise Products Operating Company, Inc. (Enterprise), Kleinfelder West, Inc. (Kleinfelder) is re-submitting this Notice of Intent (NOI) for a hydrostatic test of the Enterprise pipeline for your review. The pipeline to be tested is a new line using new piping. Municipal well water obtained from the City of Carlsbad will be used in the testing. Enterprise intends to discharge the hydrostatic test water at the east end of the tested pipeline. The discharge water will be allowed to flow onto the 50-foot right-of-way.

Enterprise planning to conduct hydrostatic testing on a new 12-inch inner-diameter line named Bopco 4-Mile Lateral located in Sections 21, 22, 23, 25, and 26 of Township 24 South, Range 30 East in Eddy County, New Mexico. Actually placement of water into the pipeline is scheduled to start on March 21, 2013. Approximately 21,121 feet of piping will be tested.

Kleinfelder has included the required information for the NOI as stated in the "Guidelines for Hydrostatic Test Dewatering" dated January 11, 2007. Attached to this NOI are the following:

- Background Information;
- Notice of Intent Plan;
- Figure 1 – New Enterprise Pipeline Undergoing Hydrostatic Testing;
- Figure 2 – Temporary Frac Tank Staging Area for Hydrostatic Test Water;
- Appendix A - Certification of Siting Criteria;
- Appendix B – Surface Water, Water Well Information and Floodplain information;
- Appendix C – Area Mine Information;
- Appendix D - Geology;
- Appendix E – Area Landownership; and
- Appendix F – Public Notice.

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

A check totaling $100 made out to the New Mexico Water Quality Management Fund was previously submitted on behalf of Enterprise for the $100 filing fee. A separate check for the $600 general permit fee will be submitted under separate cover.

Kleinfelder prepared this NOI in a manner consistent with the level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. The information provided in this document is based on our understanding of the information provided by Enterprise.

Should you have any questions, please feel free to contact Barbara Everett (Kleinfelder) at (505) 344-7373 or Jimmy White (Enterprise) at (713) 381-1785.

Respectfully submitted,

KLEINFELDER WEST, INC.

Barbara Everett, P.G.
Program Manager

Reviewed by:

Eileen L. Shannon, P.G.
Project Manager

cc: James White, Enterprise Products Operating LLC, PO Box 4324
Houston, TX 77210

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

Background Information

- The Enterprise line is a new, welded, steel 12-inch diameter by 21,120 feet long pipeline called the Bopco 4-mile Lateral.
- The pipeline is part of a gathering system that transports natural gas from well sites to processing facilities.
- The U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) requires periodic pressurized tests on all DOT-regulated pipelines and all newly installed pipelines to verify the integrity and safety of pipeline systems. Because the pipeline is part of a natural gas gathering system, waste water generated during hydrostatic testing is classified as RCRA-exempt waste water and does not require management as a RCRA waste or disposal at a RCRA-approved facility.
- The pipe is currently scheduled to be filled with test water beginning Thursday, March 21, 2013. Testing is scheduled to begin Friday, March 22, 2013, with discharge planned for Wednesday, March 27, 2013.
- Approximately 250,000 gallons are expected to be discharged to the ground surface.
- Per NMAC 20.6.2.3108, a sample of the notices are included in Appendix F.
- Per NMAC 20.6.2.3108, public notice will be made in English and Spanish by the following methods:
    1. A 2 feet by 3 feet in size sign will be posted at the discharge location;
    2. Written notice will be posted at the Loving, New Mexico post office;
    3. Written notice of the discharge by mail to owners of record of all properties within a 1/3 mile distance from the boundary of the property where the discharge site is located;
    4. The notice will be sent by certified mail, return receipt requested, to the owner of the discharge site; and
    5. Publishing a synopsis of the notice in a display ad at least three inches by four inches in size in the Carlsbad Current-Argus newspaper. Public notice is published every day but Monday, and the paper requires the information two days prior to publication.

Notice of Intent Plan

On behalf of Enterprise, Kleinfelder is submitting this NOI plan as outlined in NMOCD Guidance document, "Guidelines for Hydrostatic Test Dewatering," (revised January 11, 2007). The NOI plan includes the following items:

Item a. Name and address of the proposed discharger;

Legally Responsible Party

Mr. Kevin Bodenhamer, Sr VP, EHS&T
POC: Ms. Shiver Nolan, Sr. Compliance Administrator
P.O. Box 4324
Houston, Texas 77210
713-381-6595

Local Representative

Mr. James Heap
Enterprise Products Operating LLC
1031 Andrews Highway, Suite 320
Midland, TX 79701

Item b. Location of the discharge, including a street address, if available, and sufficient information to locate the facility with respect to surrounding landmarks;

The section of the pipeline to be tested is located in Eddy County. Water from the hydrostatic testing will be discharged to the ground in the 50-foot right-of-way at the eastern edge of the pipeline to be tested. The location pipeline to be hydrostatically tested and the proposed discharge location is shown on Figure 1.

Directions to the discharge site from Loving, New Mexico are:

- Head north on N 4th Street toward Elm street for approximately 0.3 miles;
- Turn right onto County Road 713/Oak Road and continue on it for 1.7 miles;
- Turn left on to S. Donaldson Farm Rd and continue for 1.5 miles;
- Turn right onto NM-31/Potash Mine Rd and continue for 4.5 miles;
- Turn right onto NM-128 E/Jal Hwy and continue for 12.8 miles;
- Turn right onto Twin Wells Road for 5.6 miles, then turn right to stay on Twin Wells Road and go an additional 1.5 miles;
- Turn left on an unnamed road and continue for 0.8 mi; and
- Then turn left on another unnamed road and continue for 1.3 miles. The site will be on the right.

Item c. Legal description of the discharge location;

The discharge location is located at:

- NE ¼ of the NE ¼ of Section 25, Township 24 South, Range 30 East, Eddy County, New Mexico (See Figure 1).

Item d. Maps (site-specific and regional) indicating the location of the pipelines to be tested;

- Figure 1 – Regional map showing topography, the pipeline section undergoing testing, and the hydrostatic test water discharge area.
- Figure 2 – Site-specific map showing the hydrostatic test discharge area.

Item e. A demonstration of compliance to the following siting criteria or justification for any exceptions:

i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake;

A search of surface water bodies in the vicinity of the discharge location was completed using the Petroleum Recovery Research Center database (PRRC database) on December 28, 2012 and the U.S. Fish and Wildlife Service National Wetlands Inventory (NWI), on January 25, 2013 was searched for springs, wetlands, and surface water in the vicinity of the discharge area. No watercourses, lakes/ponds, reservoirs, playas, swamps/marshes, estuaries,

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

sinks or springs/seeps were found within 1,000 feet of the proposed discharge location. A map generated from the NWI database is included in Appendix B, Figure B-2.

ii. Within 1,000 feet of an existing wellhead protection area or 100-year floodplain;

A search for surrounding water wells was completed to satisfy a portion of this requirement. The PRRC database was used for this search, which was conducted on December 27, 2012. According to the PRRC database, no water wells are located within 1,000 feet of the proposed discharge area. Figure B-1, generated from the portal database, shows no water wells in the vicinity of the site and is included in Appendix B. In addition, the New Mexico Office of the State Engineer (OSE) website was checked for water wells located in the vicinity of the site. Several stock wells were identified in Sections 21 and 23, 1.5 to 3 miles to the northwest (Figure B-2, Appendix B). Well C02110, reported water at 400 ft bgs. Also, a file of four points of diversion (POD) C03558 was found which was located near the proposed discharge area. The PODs were issued for four 50-feet boreholes associated with a remediation investigation (Appendix B). The NWI database did not list any springs or seeps within 1,000 ft of the discharge area (Figure B-1, Appendix B).

Federal Emergency Management Administration (FEMA) flood insurance rate maps were searched on the FEMA website for 100-year floodplains in the proposed discharge area. According to the FEMA website, the proposed discharge area is not located within a 100-year floodplain. The area surrounding the site is Zone X (areas determined to be outside the 0.2% annual chance floodplain) (FEMA, fema.gov). Figure B-3 is a copy of the floodplain map and is included in Appendix B.

iii. Within, or within 500 feet of, a wetland;

No wetlands or springs were noted within 500 feet or in the surrounding area on aerial photos of the area (see Figure 2). As shown in Figure B-2, wetlands were also not observed in the NWI database that was accessed on January 25, 2013.

iv. Within the area overlying a subsurface mine; or

According to the PRRC database, no active or inactive mines were located in the vicinity of proposed discharge area. Figure C-1 (Appendix C), generated from the New Mexico Mining and Minerals Division GIS database, accessed on January 29, 2013, shows no mines within 1,000 feet of the site. Mr. Mike Tompson with the New Mexico Abandoned Mine Lands Program was contacted on December 27, 2012 to assess the presence of abandoned subsurface mines in the vicinity of the proposed discharge area. According to Mr. Tompson, there is no record of abandoned subsurface mines within Section 25, Township 24 South, Range 30 East (see email, Appendix C).

v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church.

No permanent residences, school, hospital, institution or church were noted on aerial photographs of the area (see Figure 2).

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

Item f. A brief description of the activities that produce the discharge;

Pressure testing with water, known as hydrostatic testing, is one of the tools pipeline operators use to verify pipeline integrity. Because this is new piping, previous contents of the pipe do not need to be cleared. The pipeline will be pressurized to a pressure higher than the standard operating pressure for approximately eight hours. The purpose of hydrostatic testing in a pipeline is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. If leaks or breaks occur, the pipeline is repaired or the affected areas is replaced, and then re-tested. The U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) requires periodic pressurized tests on all DOT-regulated pipelines and all newly installed pipelines to verify the integrity and safety of pipeline systems. Approximately 250,000 gallons of water will be used for the hydrostatic test.

Item g. The method and location for collection and retention of fluids and solids;

Because the piping is new, solids are not anticipated to be produced from the hydrostatic testing. Once the hydrostatic test has been conducted, the water will be tested for water quality as described in Item j. Once approval to discharge has been received, the waste water will be allowed to flow from the pipeline onto the pipeline 50-foot right-of-way. Anticipated discharge rate is 1500 gallons per minute.

Item h. A brief description of best management practices to be implemented to contain the discharge onsite and to control erosion;

Non-woven geotextile fabric will be installed beneath the entire dewatering structure to prevent scouring. Hay bales will be used to control erosion as the water is discharged from the pipeline. Pipeline water will gradually be released and allowed to flow onto the ROW. A diagram of the hydrostatic waste water dissipation and disposal system is shown in Figure 2.

Item i. A request for approval of an alternative treatment, use, and/or discharge location (other than the original discharge site), if necessary;

An alternate method for discharge would be to collect the water in to twelve frac tanks that are plumbed together. If Enterprise needs to transfer waste water into one or more frac tank(s) for temporary storage, drip pans will be used under pumps and at hose connections. Frac tanks will be interconnected but will have safety valves at each tank connection and will be located within secondary containment. Secondary containment, consisting of plastic liners, will be used under frac tanks sufficient to hold 1 1/3 the total volume of all tanks for interconnected tanks, or the volume of the largest tank, whichever is greater. All tanks will be contained within a single containment area. Plastic liners will be draped over dirt berms or hay bales surrounding frac tank staging area. Personnel will be present during transfer operations to close valves in case of leaks. Long-term storage is not proposed which will help prevent tank vandalism. More detail description of set up can be found under Item k and is depicted in Figure 2.

Item j. A proposed hydrostatic test wastewater sampling plan;

Once the test has been completed, prior to discharge, Enterprise will collect and analyze a sample of the water obtained from the end section of the pipeline. The sample will be analyzed with a 24-hr turnaround time by the following methods.

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SAMPLING PLAN FOR COMPLIANCE WITH NMAC 20.6.3103 (A), (B), (C)		
ANALYTES	METHOD	BOTTLE TYPE/PRESERVATIVE
Volatile Organics	8260B	3 x 40 ml VOA's / HCl
Ethlylene dibromide	504.1	2 x 40 ml VOA's / $Na_2S_20_3$
Polychlorinated Biphenols	8082	2 x liter amber / unpreserved
Polynuclear Aromatic Hydrocarbons	8310	1 x liter amber / unpreserved
Phenols	9067	1 x liter amber / H_2S0_4
Anions, TDS, pH	300.0 SM 2540C SM 4500-H+B	1 x 500 ml plastic / unpreserved 1 x 125 ml plastic / H_2S04
Mercury	245.1	1 x 500 ml plastic / $HN0_3$
Dissolved Metals	200.7 / 200.8	1 x 125 ml plastic + filter & syringe / HNO_3
Total Cyanide	335.4	1 x 500 ml plastic amber / NaOH
Radium 226/228	E903.0 / E904.0	2 x liter plastic / $HN0_3$

Once the results have been received, the results will be forwarded to the NMOCD. Upon NMOCD concurrence that the discharge water meets the water quality standards of NMAC 20.6.2.3103, Enterprise will discharge the water in accordance with the approved discharge permit.

Item k. A proposed method of disposal of fluids and solids after test completion, including closure of any pits, in case the water generated from test exceeds the standards as set forth in Subsections A, B, and C of the 20.6.2.3103 NMAC (the New Mexico Water Quality Control Commission Regulations);

Municipal water is being used to test new pipe which will be part of a natural gas gathering system; solid accumulation is not anticipated. If test water exceeds discharge requirements, waste water will be transferred with a pump and hose into twelve ±21,000 gallon frac tanks located within the ROW for staging and hauled by Mesquite Services, Permit Number C133-211 to Dorstate SWD, Order No. SWD-247-A. Frac tanks will be placed within approximately 10-15 feet of the point of connection on the pipeline and be contained wholly within the ROW. Personnel will be present during transfers to monitor water transfer and loading. Individual tank valves will be closed and locked when not in use.

If Enterprise needs to transfer waste water into one or more frac tank(s) for temporary storage, drip pans will be used under pumps and at hose connections. Frac tanks will be interconnected but will have safety valves at each tank connection and will be located within secondary containment. Secondary containment, consisting of plastic liners, will be used under frac tanks sufficient to hold 1 1/3 the total volume of all tanks for interconnected tanks, or the volume of the largest tank, whichever is greater. All tanks will be contained within a single containment area. Plastic will be draped over dirt berms or hay bales surrounding frac tank staging area. Personnel will be present during transfer operations to close valves in case of leaks. Long-term storage is not proposed which will help prevent tank vandalism.

Item l. A brief description of the expected quality and volume of the discharge;

The volume of the hydrostatic test water is expected to be discharged is approximately 250,000 gallons at a rate of 1,500 gallons per minute. The source of water used for the hydrostatic test will be from the City of Carlsbad municipal water. New piping will be tested which should not impact the quality of the water to be discharged.

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Item m. Geological characteristics of the subsurface at the proposed discharge site;

The site is located in the Delaware Basin region of the Permian Basin which extends from southeastern New Mexico and into west Texas. The Delaware Basin consists of primarily marine carbonates and includes the basal Leonard series, the overlying Guadalupe Series, and the uppermost Ochoan series which includes the Castile and Saldo evaporates and the clastic Rustler Formation.

Soils in the area are dominated by the Kermit – Berino fine sands. These sands are Quaternary eolian deposits and unconsolidated alluvial deposits that cover most of the underlying Quaternary older alluvium deposits of the upland plains and piedmont areas (Qe/Qp on Figure D-1, Appendix D). These Quaternary units are between 30 and 150 feet thick and unconformably overlie older Permian formations. The Permian Rustler Formation outcrops in the area and is composed of siltstone, gypsum, sandstone and dolomite. No known karst features were identified in the area based on a Petroleum Recovery Research Center database search (accessed on December 26, 2012), Figure D-2 (Appendix D).

Item n. The depth to and total dissolved solids concentration of the ground water most likely to be affected by the discharge;

The only source of water in the region in the sandy/silty Dockum and Dewey Lake beds of the Permian Rustler Formation. (Geolex, Inc., 2007). In the local area, water from wells can be found in the Triassic redbeds at depths of 300 feet. Water is fair quality but locally impotable (Henderson and Jones, 1952). No wells or water quality information was found in a search surrounding the site.

Based on wells located in Sections 21 and 23, north and east of the proposed discharge area, depth to water is approximately 400 feet bgs. Total dissolved solids (TDS) reports for these wells were not included in various databases checked (OSE, GoTech). However, the chloride content ranged from 32 to 90 parts per million, suggesting that TDS may range from 200 to 1000. Regionally, the waters of the Dockum Group beds range from 1,000 to over 3,000 milligrams per liter TDS (Geolex, 2007).

Item o. Identification of landowners at, and adjacent to, the discharge collection/retention site. Landowners within 1/3-mile of the boundary of the discharge point or temporary frac tank storage area within the Enterprise pipeline easement:

According to the Eddy County Tax Assessors website, the landowner of Parcel No 4-180-143-264, which surrounds the proposed discharge area for the Bopco 4-Mile Lateral pipeline, is the Bureau of Land Management. Figure F-1 (Appendix F) depicts the parcel numbers and landowners within 1/3-mile of the discharge area. The landowner's address is:

Carlsbad Field Office
Bureau of Land Management
620 E, Greene Street
Carlsbad, NM 88220

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References

Federal Emergency Management Agency website, accessed December 2012, http://www.fema.gov/.

Geolex, Inc., 2007, Application for New Mexico Oil Conservation Division Discharge Plan, Fortson Compressor Station (Section 25, Township 24 South, Range 30 East) on behalf of Southern Union Gas Services, Ltd.

Go-Tech, New Mexico Water database (NM WAIDS, accessed December 2012, http://octane.nmt.edu/waterquality/data/gwatersearch.aspx.

Henderson, G.E. and R.S. Jones, 1952, Geology and Groundwater Resources of Eddy County, New Mexico: New Mexico Bureau of Mines and Minerals; Ground-Water Report 3; 169 pgs.

New Mexico Mining and Minderals Division GIS Database, Mines in New Mexico, accessed on January 28, 2013, http://www.emnrd.state.nm.us/maps/MMQActiveMinesIndex.html.

Office of the State Engineer (OSE) database search accessed in December 2012, http://nmwrrs.ose.state.nm.us/nmwrrs/index.html.

Petroleum Recovery Research Center database (PRRC) database search accessed December 2012, http://ford.nmt.edu/prrc_MF/index5.html.

U.S. Fish and Wildlife Service National Wetlands Inventory database, accessed on January 25 2013, http://www.fws.gov/wetlands/wetlands-mapper.html.

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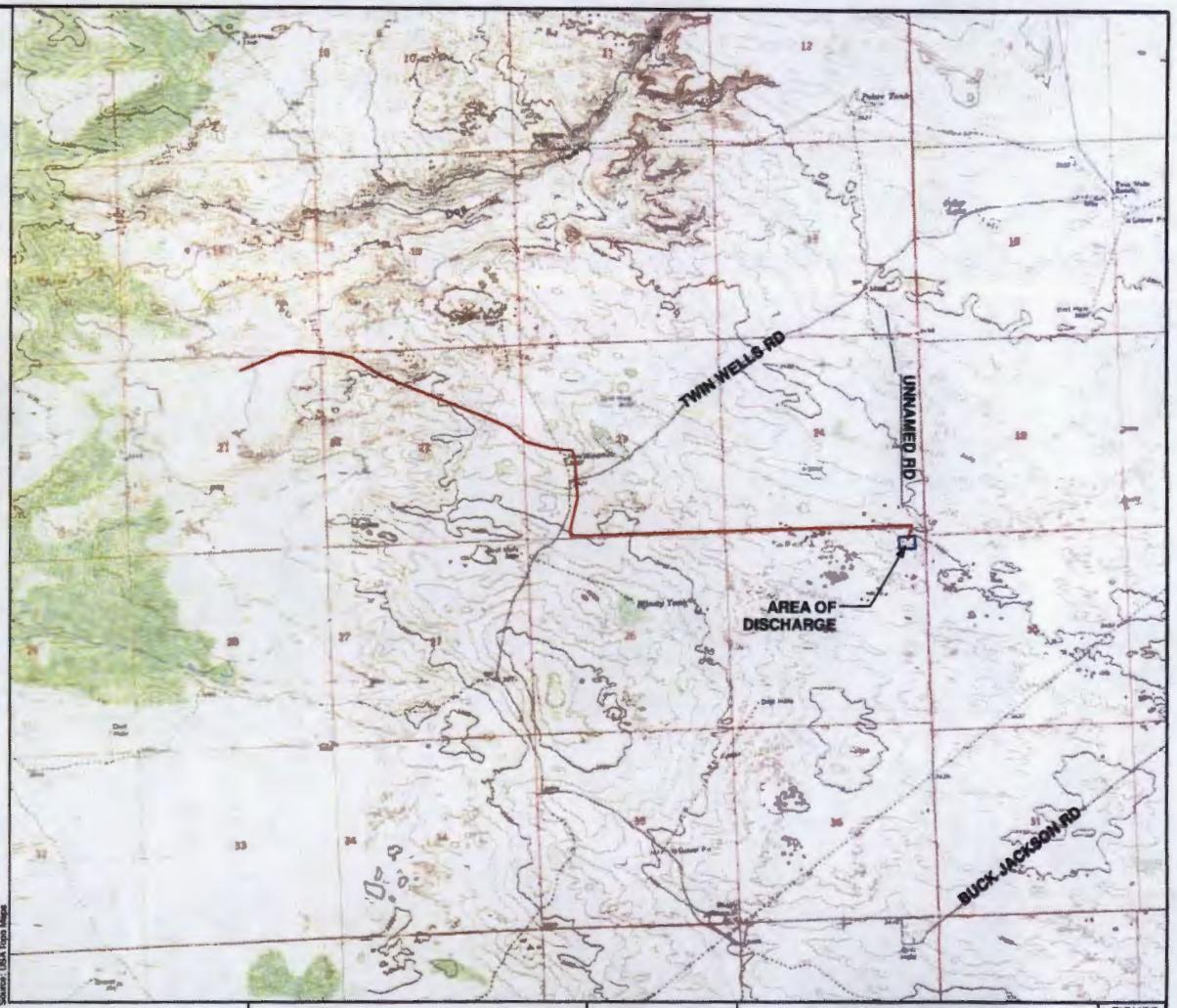
FIGURES

Source: ESRI World Street Map

APPROXIMATE SITE LOCATION



Source: USA Topo Maps

LEGEND

- APPROXIMATE SITE LOCATION
- APPROXIMATE LOCATION OF BOPCO 4-MILE LATERAL SECTION TO BE TESTED
- APPROXIMATE DISCHARGE LOCATION

N

3,000 0

Feet

NAD 1983 StatePlane New Mexico East, US Feet

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PROJECT NO.: 131457	
DRAWN: 01/29/2013	
DRAWN BY: PD	
CHECKED BY: ES	
FILE NAME: 131457_SLM.mxd	

NEW ENTERPRISE PIPELINE UNDERGOING HYDROSTATIC TESTING

ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

ORIGINATOR: E. SHANNON

APPROVED BY:

DRAWING CATEGORY: 1

FIGURE **1**

Source: Esri ONLINE MAPS

100 0 100
Feet
NAD 1983 StatePlane New Mexico East, US Feet

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PROJECT NO.: 131457	
DRAWN: 01/29/2013	
DRAWN BY: PD	
CHECKED BY: ES	
FILE NAME: 131457_SP.mxd	
ORIGINATOR: E. SHANNON	DRAWING CATEGORY: 1
APPROVED BY: 2/14/13 BG	

TEMPORARY FRAC TANK STAGING AREA FOR HYDROSTATIC TEST WATER

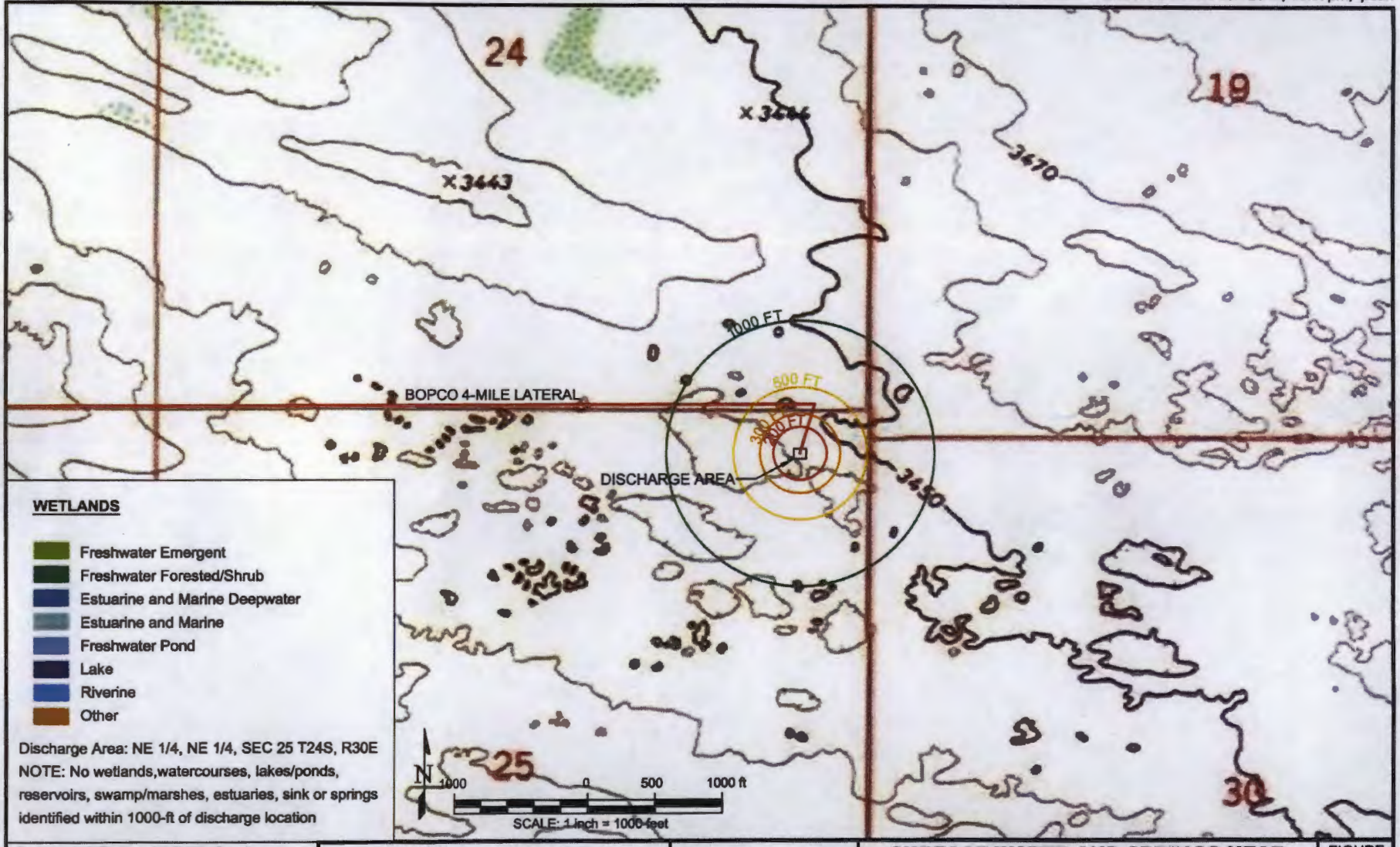
ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

FIGURE **2**

APPENDIX A
Certification of Siting Criteria

APPENDIX B
Surface Water, Water Well Information and Flood Plain Information

ATTACHED IMAGES: Images: D-1.jpg Images: fema.jpg Images: GEO_LEGEND.jpg Images: mines legend.jpg Images: WETLANDS.jpg
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\ENVIRON\CURRENT WORK FOLDER PROJECTS\131457 -Enterprise 2013 Hydrostatic Permits\2.0 Technical Information\2.8 - Technical-CADD LAYOUT: B-1 31 Jan 2013, 12:57pm, pdan



Source: US Fish and Wildlife Service, National Wetlands Inventory Website, accessed 1/28/2013.

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PROJECT NO.	131457
DRAWN:	01/29/2013
DRAWN BY:	PD
CHECKED BY:	ES
FILE NAME:	131457_D-1.dwg

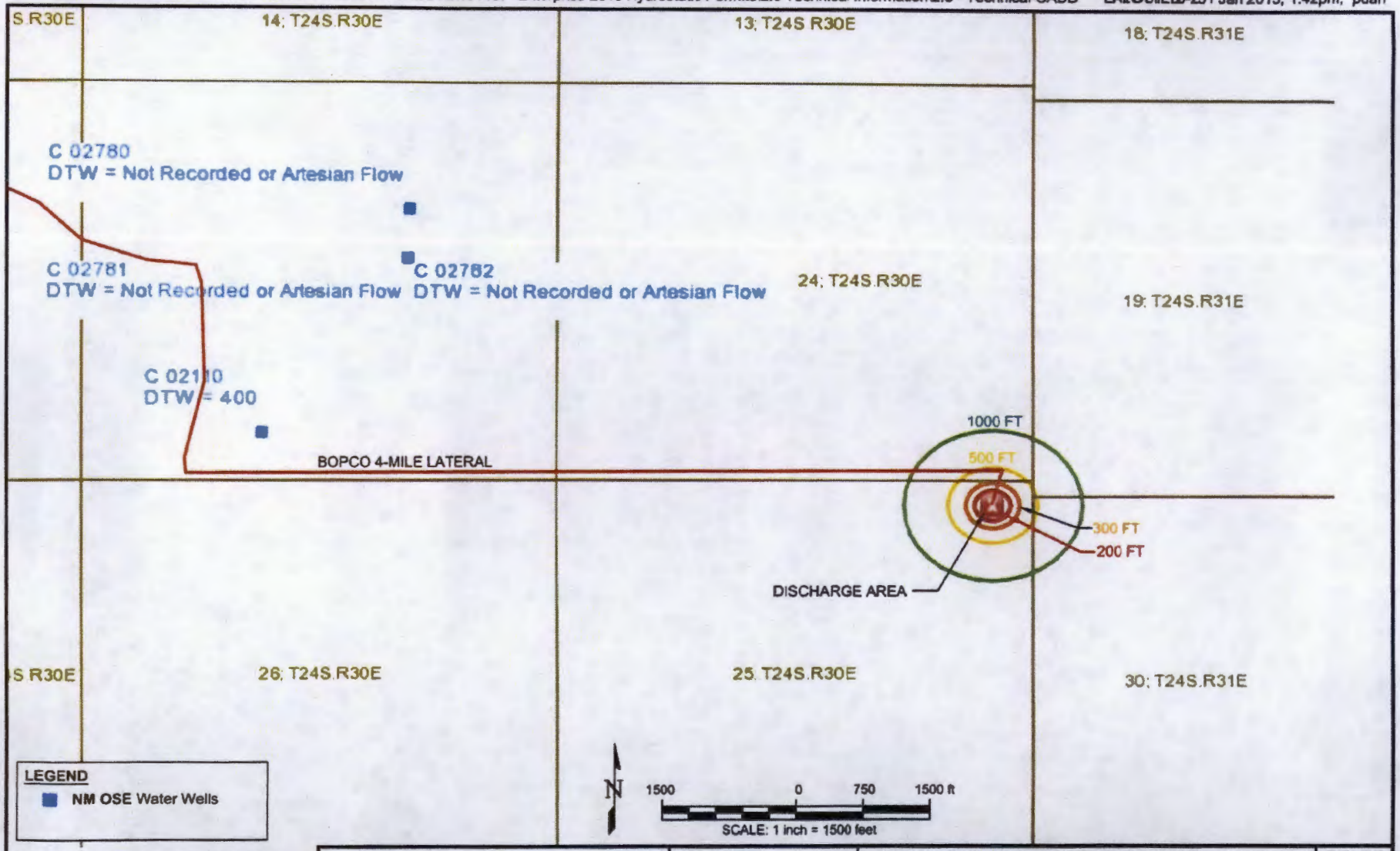
SURFACE WATER AND SPRINGS NEAR DISCHARGE AREA

ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

ORIGINATOR: B. EVERETT
APPROVED BY: 2/14/13
DRAWING CATEGORY: 2

FIGURE
B-1

ATTACHED IMAGES: Images: Aerial_mapcard.jpg Images: B-2.jpg Images: D-1.jpg Images: fema.jpg Images: GEO_LEGEND.jpg Images: mines legend.jpg Images: WETLANDS.jpg
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\ENVIRON\CURRENT WORK FOLDER PROJECTS\131457 -Enterprise 2013 Hydrostatic Permits\2.0 Technical Information\2.8 - Technical-CADD LAYOUT: B-2 31 Jan 2013, 1:42pm, pdan



Source: PRRC Website, accessed 1/31/2013.

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PROJECT NO.	131457
DRAWN:	01/31/2013
DRAWN BY:	PD
CHECKED BY:	ES
FILE NAME:	131457_D-1.dwg

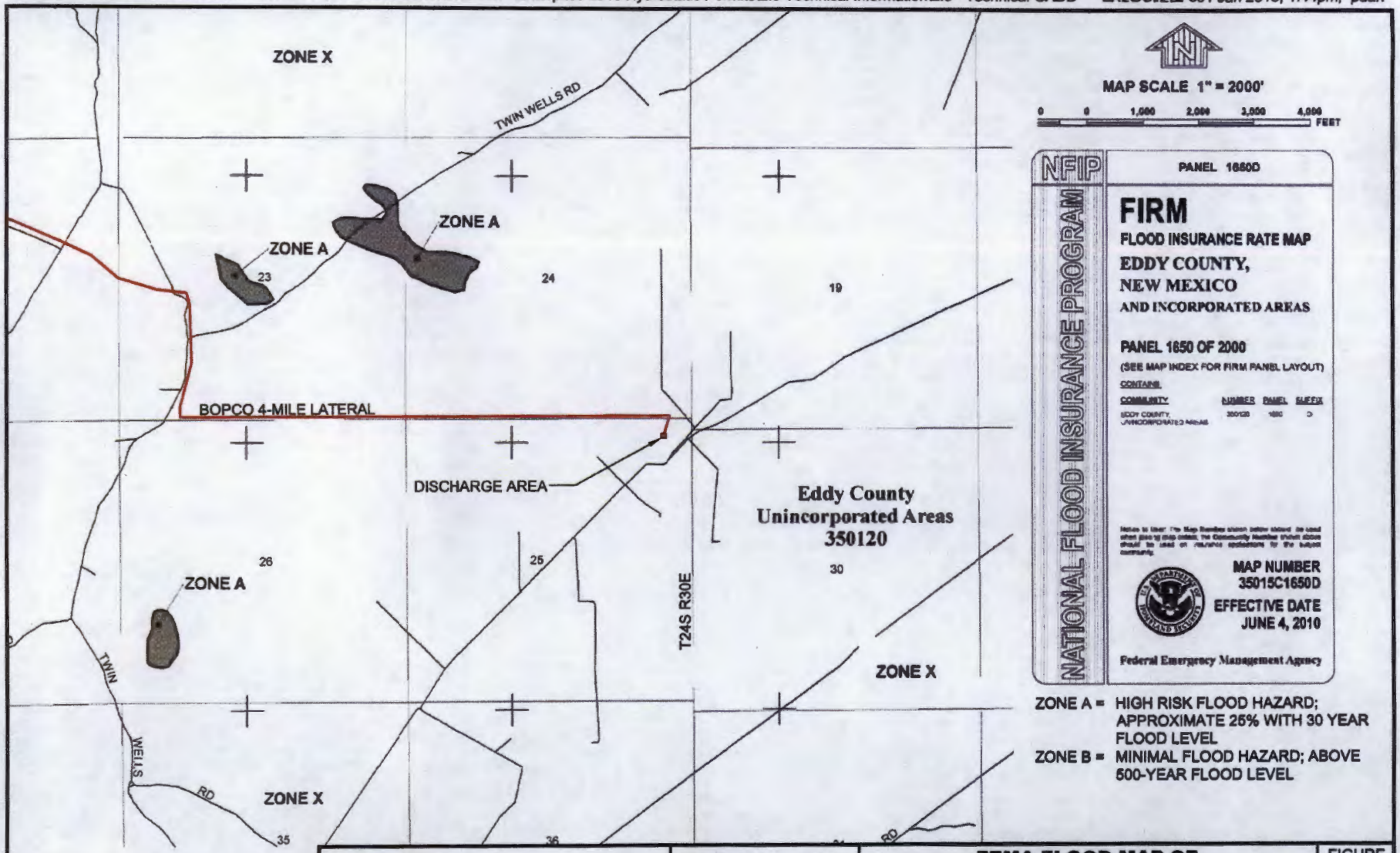
WATER WELLS IN THE VICINITY OF THE DISCHARGE AREA

ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

ORIGINATOR: B. EVERETT
APPROVED BY: 2/14/13
DRAWING CATEGORY: 2

FIGURE
B-2

ATTACHED IMAGES: Images: Aerial_mapcard.jpg Images: B-2.jpg Images: D-1.jpg Images: fema.jpg Images: GEO_LEGEND.jpg Images: mines legend.jpg Images: WETLANDS.jpg
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\ENVIRON\CURRENT WORK FOLDER PROJECTS\131457 -Enterprise 2013 Hydrostatic Permits\2.0 Technical Information\2.8 - Technical-CADD LAYOUT: B-331 Jan 2013, 1:44pm, pdan



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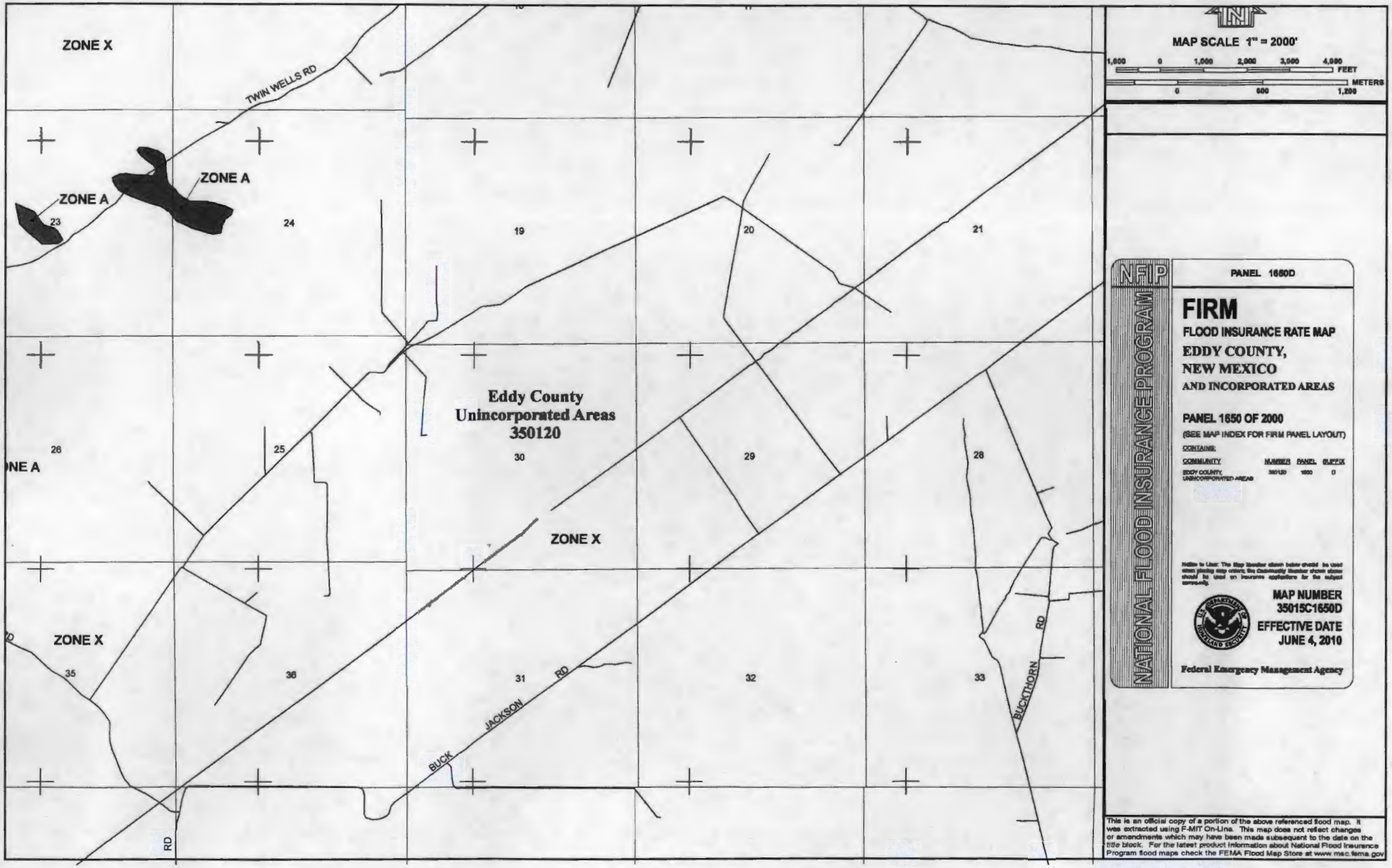
PROJECT NO.	131457
DRAWN:	01/29/2013
DRAWN BY:	PD
CHECKED BY:	ES
FILE NAME:	131457_D-1.dwg

FEMA FLOOD MAP OF DISCHARGE AND SURROUNDING AREA

ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

ORIGINATOR: B. EVERETT
APPROVED BY: 2/14/13
DRAWING CATEGORY: 2

FIGURE
B-3


ZONE X
TWIN WELLS RD
ZONE A
ZONE A
23
24
19
20
21
Eddy County
Unincorporated Areas
350120
26
25
30
29
28
ZONE X
ZONE X
35
36
31
32
33
JACKSON
BUCK
RD
BUCKTHORN
RD
RD
MAP SCALE 1" = 2000'
1,000 0 1,000 2,000 3,000 4,000 FEET
0 600 1,200 METERS
NFIP
NATIONAL FLOOD INSURANCE PROGRAM
PANEL 1650D
FIRM
FLOOD INSURANCE RATE MAP
EDDY COUNTY,
NEW MEXICO
AND INCORPORATED AREAS
PANEL 1650 OF 2000
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
EDDY COUNTY, UNINCORPORATED AREAS 350120 1650 D
MAP NUMBER
35015C1650D
EFFECTIVE DATE
JUNE 4, 2010
Federal Emergency Management Agency
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Scott A. Verhines, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 507103
File Nbr: C 03558

Jul. 12, 2012

BEN ARGUIJO (BASIN ENVIRONMENTAL)
BOPCO, LP
522 WEST MERMOD
CARLSBAD, NM 88220

Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 07/31/2013, unless a permit to use the water is acquired from this office.

A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 07/31/2013.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

Bill Duemling
(575)622-6521

Enclosure

explore

File No. C-3558

NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO DRILL A WELL WITH NO CONSUMPTIVE USE OF WATER

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/ 2-31550 $5.00 2-31726 $20.00

Purpose:	☐ Pollution Control And / Or Recovery	☐ Geo-Thermal
☑ Exploratory	☐ Construction Site De-Watering	☐ Other (Describe):
☐ Monitoring	☐ Mineral De-Watering	

A separate permit will be required to apply water to beneficial use.

☐ Temporary Request - Requested Start Date: **6/8/2012** Requested End Date: **6/8/2013**

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

1. APPLICANT(S)

Name: **BOPCO, LP**	Name:
Contact or Agent: check here if Agent ☒ **Ben J. Arguijo (Basin Environmental)**	Contact or Agent: check here if Agent ☒
Mailing Address: **522 W. Mermod**	Mailing Address:
City: **Carlsbad**	City:
State: **NM** Zip Code: **88220**	State: Zip Code:
Phone: **(432)556-8730** ☐ Home ☒ Cell Phone (Work):	Phone: ☐ Home ☐ Cell Phone (Work):
E-mail (optional): **TASavole@BassPet.com** **bjarguijo@basinenv.com**	E-mail (optional):

2012 JUN -6 A 8:21

STATE ENGINEER OFFICE ROSWELL

FOR OSE INTERNAL USE — Application for Permit, Form wr-07, Rev 4/12/12

File Number: C-3558	Trn Number: 507103
Trans Description (optional): EXPL	
Sub-Basin: C	
PCW/LOG Due Date: 07/31/2013	

2. **WELL(S)** Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

☒ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (If known):	X or Easting or Longitude: 32° 11' 40.81"	Y or Northing or Latitude: -103° 49' 41.88"	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves, Section, Township, Range*) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
SB-1	32.19467	-103.82830	Unit Letter "A" (NE/NE), Section 25, Township 24 South, Range 30 East
SB-2	32.19467	-103.82830	Unit Letter "A" (NE/NE), Section 25, Township 24 South, Range 30 Eas
SB-3	32.19467	-103.82830	Unit Letter "A" (NE/NE), Section 25, Township 24 South, Range 30 Eas
SB-4	32.19467	-103.82830	Unit Letter "A" (NE/NE), Section 25, Township 24 South, Range 30 Eas
SB-5	32.19467	-103.82830	Unit Letter "A" (NE/NE), Section 25, Township 24 South, Range 30 Eas

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ☒ No **If yes, how many**_____

Other description relating well to common landmarks, streets, or other: **See attached Site Location Map.**

Well is on land owned by: **New Mexico State Land Office**

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☐ No
If yes, how many_____

Approximate depth of well (feet): **50.00**	Outside diameter of well casing (inches): **0.00**
Driller Name: **Straub Corporation**	Driller License Number: **WD1478**

3. **ADDITIONAL STATEMENTS OR EXPLANATIONS**

Up to five (5) soil borings will be drilled on-site to investigate the vertical extent of contamination following a crude oil and produced water release at BOPCO's Poker Lake Unit #78 Salt Water Disposal. The exact number, location(s), and depth(s) of the soil bore(s) will be determined on the drilling date by field-screens using a chloride test kit and/or Photo-Ionization Detector. Due to the depth to water at the location (approximately 365 feet below ground surface), it is unlikely that monitor wells will be required.

2012 JUN -6 A 8:21

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number: C-3558 | Trn Number: 507103

4. SPECIFIC REQUIREMENTS: The applican ust include the following, as applicable to each d type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: ☒ Include a description of any proposed pump test, if applicable.	**Pollution Control and/or Recovery:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	**Construction De-Watering:** ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	**Mine De-Watering:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ☐ Include the reason for the monitoring well, and, ☐ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Geo-Thermal:** ☐ Include a description of the geothermal heat exchange project, ☐ The amount of water to be diverted and re-injected for the project, ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), **Ben J. Arguijo**
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 12th day of July 20 12, for the State Engineer,

Scott A. Verhines, P.E, State Engineer

By: Bill Duemling
Signature

Bill Duemling
Print

Title: Carlsbad Basin Supervisor
Print

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2012 JUN -6 A 8:25

FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number: C-3558 | Trn Number: 507103

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

1A Depth of the well shall not exceed the thickness of the valley fill.

4 No water shall be appropriated and beneficially used under this permit.

B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.

C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.

LOG The Point of Diversion C 03558 POD1 must be completed and the Well Log filed on or before 07/31/2013.

LOG The Point of Diversion C 03558 POD2 must be completed and the Well Log filed on or before 07/31/2013.

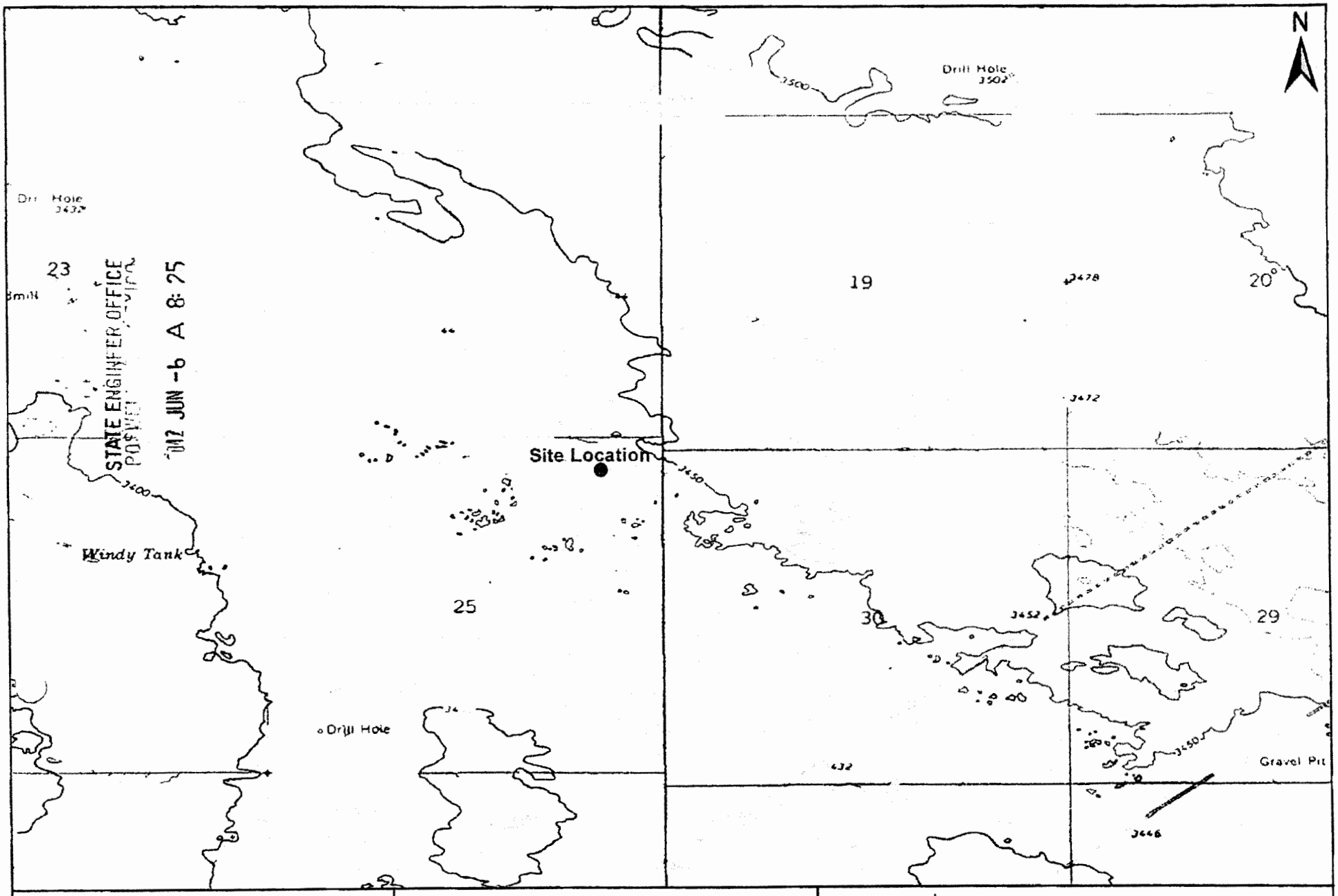
LOG The Point of Diversion C 03558 POD3 must be completed and the Well Log filed on or before 07/31/2013.

LOG The Point of Diversion C 03558 POD4 must be completed and the Well Log filed on or before 07/31/2013.

LOG The Point of Diversion C 03558 POD5 must be completed and the Well Log filed on or before 07/31/2013.

NO WATER SHALL BE DIVERTED FROM EACH BOREHOLE EXCEPT FOR TESTING PURPOSES, WHICH SHALL NOT EXCEED TEN (10) CUMULATIVE DAYS, AND BOREHOLE SHALL BE PLUGGED OR CAPPED ON OR BEFORE 07/31/2013.

THE BOREHOLES SHALL BE CONSTRUCTED, MAINTAINED, AND OPERATED THAT EACH WATER SHALL BE CONFINED TO THE AQUIFER IN WHICH IT IS ENCOUNTERED.



1,000500 0 1,000 2,000

Distance in Feet

Figure 1
Site Location Map
BOPCO, LP
Poker Lake Unit #78 Battery
Eddy County, New Mexico

Basin Environmental Service Technologies

Basin Environmental Service Technologies, LLC
3100 Plains Hwy.
Lovington, NM 88260

Drawn By: BJA	Checked By: BRB
May 30, 2012	Scale: 1" = 2000'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM02884B, NMLC061705B July 5, 2012

NM Office of the State Engineer
Attn: Bill Duemling
1900 W. Second St.
Roswell, NM 88201

Re: NMNM02884B; James Ranch Unit #36 (3001527686)
1980' FNL & 1860' FEL (SW/NE) Section 1, T22S-R30E
Latitude: 32.335615, Longitude: -103.832117
Eddy County, New Mexico

NMLC061705B; Poker Lake Unit #78 (3001527536)
660' FNL & 660' FEL (NE/NE) Section 25, T24S-R30E
Latitude: 32.19467, Longitude: -103.82830
Eddy County, New Mexico

Gentlemen:

The above well locations have had recent spill events related to oil and gas operations on the above referenced well locations. In order to fully delineate the impacted sites, a drilling unit will be needed to complete the delineation. The Bureau of Land Management (land owner) authorizes the use of a drilling unit to accomplish the full delineation of the site.

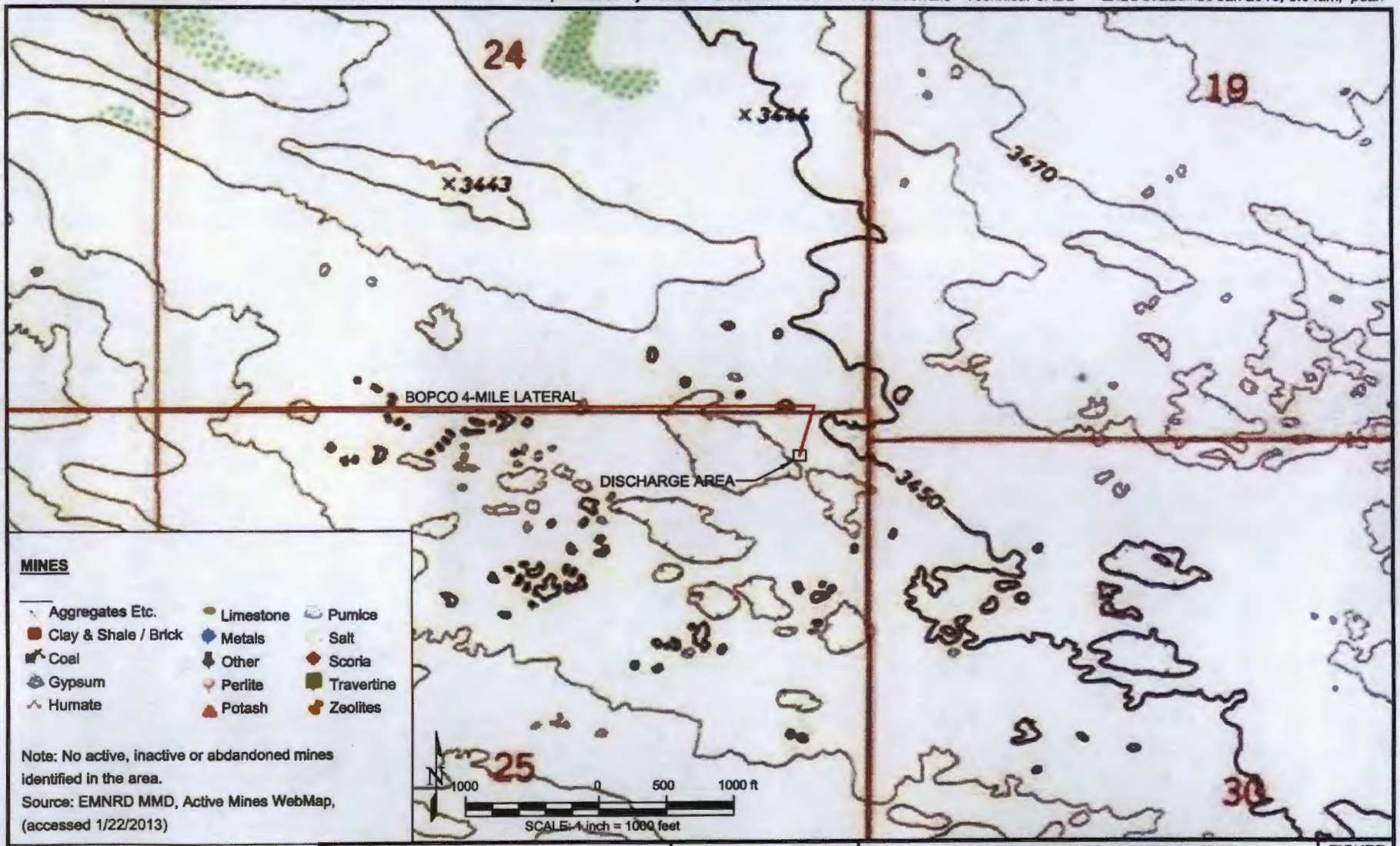
If you have any questions contact Jim Amos, at 575-234-5909.

Sincerely,

James A. Amos
Supervisory EPS

APPENDIX C
Area Mine Information

ATTACHED IMAGES: Images: D-1.jpg Images: fema.jpg Images: GEO_LEGEND.jpg Images: mines legend.jpg Images: WETLANDS.jpg
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\ENVIRON\CURRENT WORK FOLDER PROJECTS\131457 -Enterprise 2013 Hydrostatic Permits\2.0 Technical Information\2.8 - Technical-CADD LAYOUT: Mine 31 Jan 2013, 8:04am, pdan



KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

PROJECT NO.	131457
DRAWN:	01/29/2013
DRAWN BY:	PD
CHECKED BY:	ES
FILE NAME:	131457_D-1.dwg

MINING ACTIVITY NEAR THE DISCHARGE AREA

ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

ORIGINATOR: B. EVERETT
APPROVED BY: 2/14/13 BE

DRAWING CATEGORY: 2

FIGURE
C-1

Eileen Shannon

From: Tompson, Mike, EMNRD <Mike.Tompson@state.nm.us>
Sent: Friday, December 28, 2012 8:07 AM
To: Eileen Shannon
Subject: Section 25, Township 24 South, Range 30 East

Sorry about all of that. I'll never understand our internet and mail censoring system.

We have no record of any abandoned mines within Section 25, Township 24 South, Range 30 East, Eddy County, New Mexico.

I hope that helps. Let me know if you have any more questions.

Mike Tompson
New Mexico Abandoned Mine Land Program
(505) 476-3427

-----Original Message-----
From: Eileen Shannon [mailto:EShannon@kleinfelder.com]
Sent: Friday, December 28, 2012 7:53 AM
To: Tompson, Mike, EMNRD
Subject: RE: State of New Mexico – Content Policy Match: Filetype Blocked Inbound

I am sending w/o attachments

Hi Mike,

I am working on a hydrostatic discharge plan for Enterprise and we are required to research whether there are abandoned mines in the vicinity of the proposed discharge area. Municipal water from Carlsbad will be used to hydrostatically test the a new 4-mile section of pipeline. After the testing, the test water will be discharged to the ground surface on BLM property.

The discharge area is located at:

- NE ¼ of the NE ¼ of Section 25, Township 24 South, Range 30 East, Eddy County, New Mexico; or
- Latitude 32°11'44.59"N; Longitude: 103°49' 37.37"W

Attached is a map from the NMTECH pit rule portal showing the location of the discharge. Their website shows no mining in the area, but I wanted to confirm with you. Also attached is a .kmz file of the new pipeline section

If you need additional information, please call.

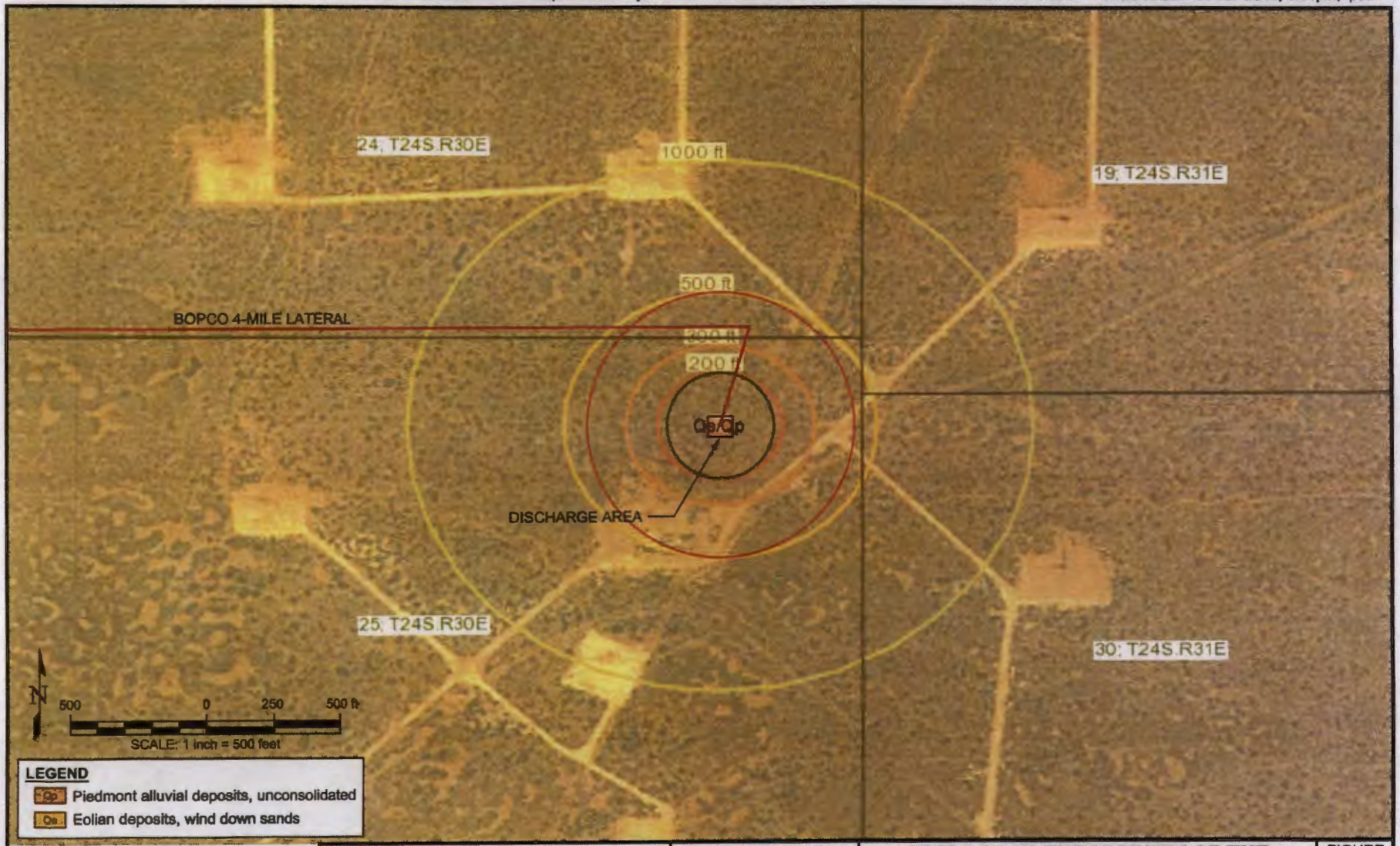
Thank you,

Eileen

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

APPENDIX D
Geology

ATTACHED IMAGES: Images: D-1.jpg Images: fema.jpg Images: GEO_LEGEND.jpg Images: mines legend.jpg Images: WETLANDS.jpg
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\ENVIRON\CURRENT WORK FOLDER PROJECTS\131457 -Enterprise 2013 Hydrostatic Permits\2.0 Technical Information\2.8 - Technical-CADD LAYOUT: D-1 30 Jan 2013, 5:01pm, pdan



Source: PRRC Website, accessed 12/28/2012.

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www.kleinfelder.com

PROJECT NO.	131457
DRAWN:	01/29/2013
DRAWN BY:	PD
CHECKED BY:	ES
FILE NAME:	131457_D-1.dwg

GEOLOGY IN THE VICINITY OF THE DISCHARGE AREA

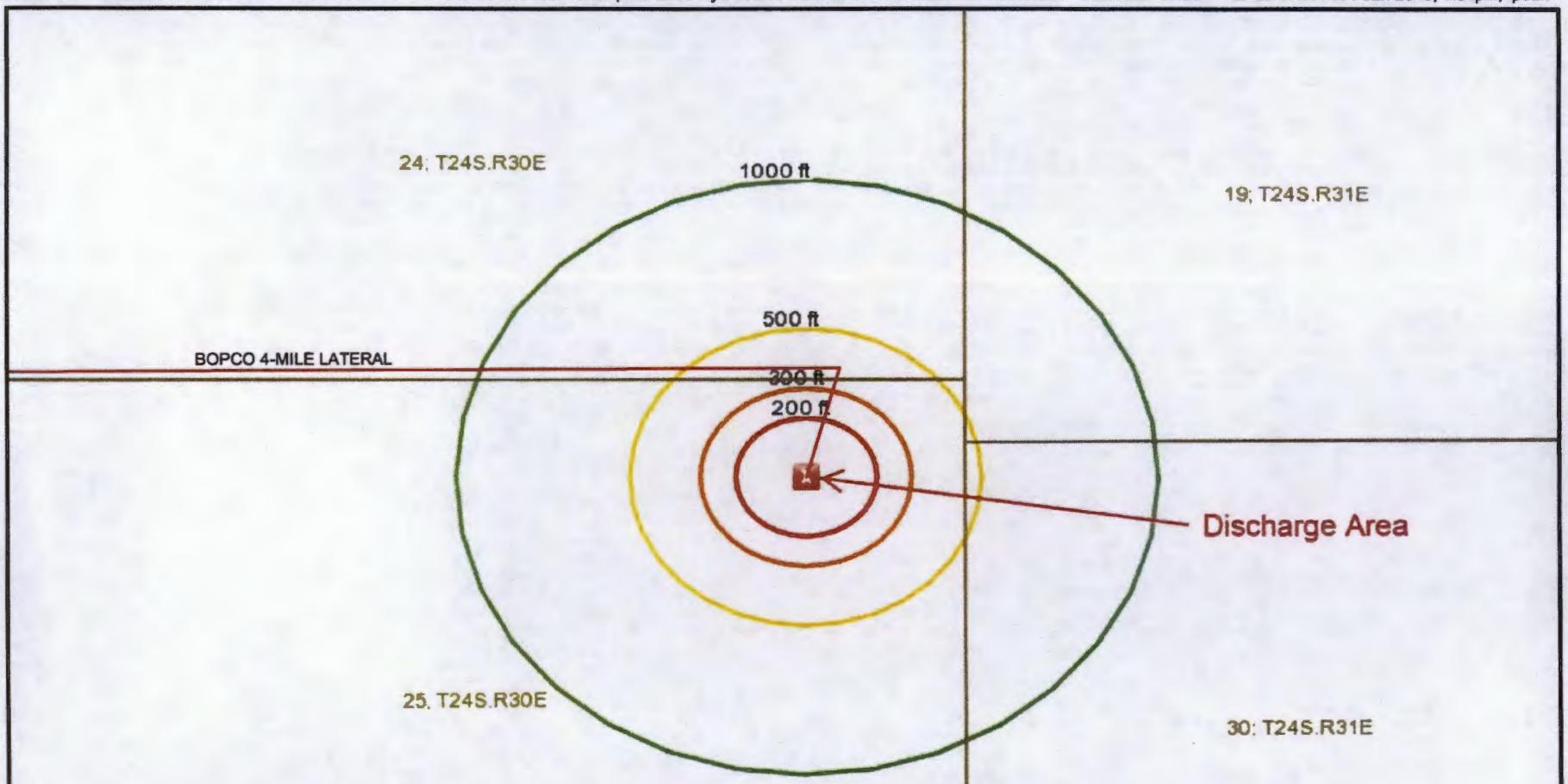
ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

ORIGINATOR: B. EVERETT
APPROVED BY: BE 2/14/13

DRAWING CATEGORY: 2

FIGURE
D-1

ATTACHED IMAGES: Images: B-2.jpg Images: D-1.jpg Images: fema.jpg Images: GEO_LEGEND.jpg Images: karst.jpg Images: mines legend.jpg Images: WETLANDS.jpg
ATTACHED XREFS:
ALBUQUERQUE, NM
CAD FILE: G:\ENVIRON\CURRENT WORK FOLDER PROJECTS\131457 -Enterprise 2013 Hydrostatic Permits\2.0 Technical Information\2.8 - Technical-CADD LAYOUT: D-2 31 Jan 2013, 1:54pm, pdan



No karst was indentified in the dischage area.

Source: PRRC Website, accessed 1/25/2013.

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www.kleinfelder.com

PROJECT NO.	131457
DRAWN:	01/29/2013
DRAWN BY:	PD
CHECKED BY:	ES
FILE NAME:	131457_D-1.dwg

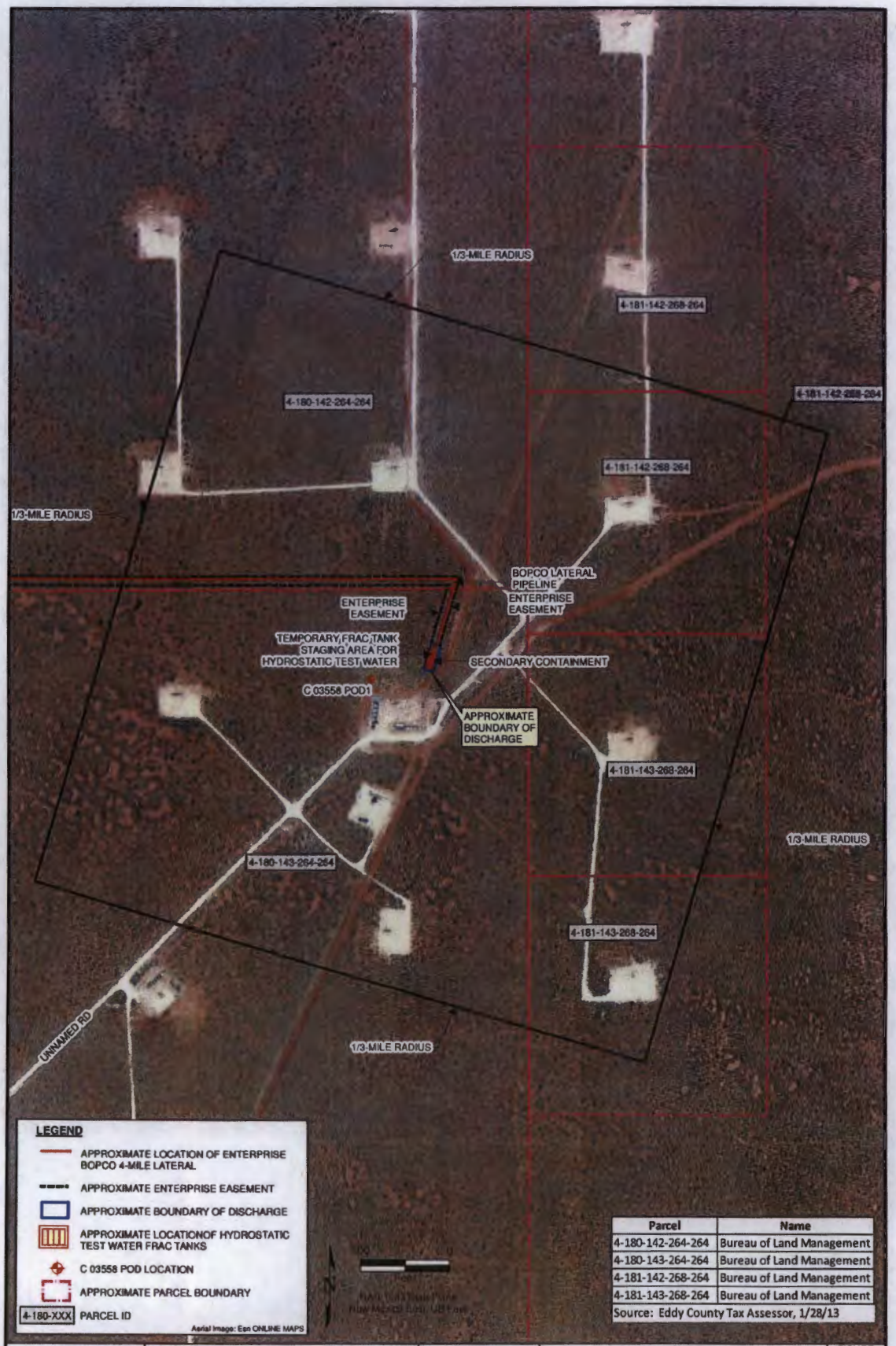
KARST IN THE VICINITY OF THE DISCHARGE AREA

ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

ORIGINATOR: B. EVERETT
APPROVED BY: 2/14/13
DRAWING CATEGORY: 2

FIGURE
D-2

APPENDIX E
Area Landownership



Parcel	Name
4-180-142-264-264	Bureau of Land Management
4-180-143-264-264	Bureau of Land Management
4-181-142-268-264	Bureau of Land Management
4-181-143-268-264	Bureau of Land Management
Source: Eddy County Tax Assessor, 1/28/13	

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www.kleinfelder.com

PROJECT NO.: 131457	
DRAWN: 01/29/2013	
DRAWN BY: PD	
CHECKED BY: ES	
FILE NAME: 131457_LandOwn.mxd	ORIGINATOR: E. SHANNON
APPROVED BY:	DRAWING CATEGORY: 1

LANDOWNERS WITHIN 1/3-MILE RADIUS OF DISCHARGE AREA

ENTERPRISE PRODUCTS OPERATING, LLC
BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

FIGURE
E-1

APPENDIX F
Public Notice

PUBLIC NOTICE

The United States Department of Transportation (USDOT) requires periodic pressurized tests on all USDOT-regulated pipelines. Enterprise Products Operating LLC (Enterprise) hereby gives notice that the following discharge permit application has been submitted to the New Mexico Oil Conservation Division (NMOCD) in accordance with Subsection B, C, E, and F of 20.6.2.3108 New Mexico Administrative Code. The local Enterprise mailing address is: Enterprise Products Operating LLC, 1031 Andrews Highway, Suite 320, Midland, TX 79701.

Enterprise has submitted an application for hydrostatic test water discharge that will occur on the pipeline right-of-way in Section 25; Township 24 South; Range 30 East in Eddy County, New Mexico. The location of the discharge is approximately 17 miles southeast of Loving, New Mexico To reach the discharge location from Loving: travel 0.3 miles north on N 4th Street; turn right on County Road 173/Oak Road for 1.7 miles; turn left on S. Donaldson Farm Rd for 1.5 miles; turn right on to NM-31/Potash Mine Road for 4.5 miles; turn right on NM-128E/Jal Highway and continue for 12.8 miles; turn right on Twin Wells Road for 5.6 miles, then turn right to stay on Twin Wells Road and go an additional 1.5 miles; turn left on an unmanned road and continue for 0.8 miles and then turn left on another unmanned for 1.3 miles. The discharge will take place in the 50-foot pipeline easement right-of-way (ROW). The hydrostatic test is scheduled for March 22, 2013 with discharge of the test water scheduled for March 27, 2013.

The purpose of hydrostatic (testing with water) pipeline testing is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. A 4-mile section of new piping is to be tested which involves filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for a specified duration of time.

The new pipeline, called the Bopco 4-Mile Lateral, will be hydrostatically tested. Up to 250,000 gallons of unused municipal water obtained from the City of Carlsbad will be hauled to the site and pumped via hose into the pipeline. Once the test has been completed, and prior to discharge, Enterprise will collect and analyze a sample of the water obtained from the end section of the pipeline. The sample will be analyzed for water quality. Once the results have been received, the results will be forwarded to the NMOCD. Upon NMOCD concurrence that the discharge water meets the water quality standards of NMAC 20.6.2.3103, Enterprise will discharge the water in accordance with the approved discharge permit. If discharge to the ground surface is approved, a hose will be fitted to a valve and the test water will be discharged to the ground surface.

In the event that the hydrostatic test water is found to be unsuitable for disposal onto the ground surface, the used test water will be placed into frac tanks located within the pipeline easement in the vicinity of the end of the pipeline (Section 25; Township 24 South; Range 30 East) for staging. Frac tanks will be placed within approximately 10-15 feet of the point of connection on the pipeline and be contained wholly within the ROW. As many as 12 frac tanks may be necessary to temporarily contain up to 250,000 gallons of used test water. Test water will be hauled by an approved NMOCD-hauler, Mesquite Services, Inc. to Dorstate SWD, Order No. SWD-247-A.

The first groundwater likely to be affected by a leak, accidental discharge, or spill exists at a depth approximately 400 feet below the ground surface. The aquifer system in this area has a total dissolved solids concentration between 200 and 3,000 milligrams per liter.

The notice of intent and discharge plan outlines how produced water and waste will be properly managed, including handling, storage, and final disposition. The plan also includes procedures for the proper management of leaks, accidental discharges, and spills to protect the waters of the State of New Mexico.

For additional information, to be placed on a facility-specific mailing list for future notices, or to submit comments please contact:

Brad Jones, Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Phone: (505) 476-3487

The NM Energy, Minerals and Natural Resources Department will accept comments and statements of interest regarding this hydrostatic test and will provide future notices for this pipeline upon request.

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of Check No. 682735 dated 12/28/12

or cash received on 1/25/13 in the amount of $ 100.00

from Klein felder West, Inc.

for Hydrostatic test Filing Fee HIP-119

Submitted by: Carlos Chavez Date: 1/25/13

Submitted to ASD by: Carl J. Chavez Date: 1/25/13

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility: _____ Renewal: _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY _____

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

KLEINFELDER
Bright People. Right Solutions.

DOCUMENT TRANSMITTAL FORM

TO:	Mr. Brad Jones EMNRD Oil Conservation Division 1220 St. Francis Drive Santa Fe, NM 87505	PAGE	1	OF	1
		TRANSMITTAL DATE:	1/18/2013		
		TRANSMITTAL DCN:	131457.1-ALB13TS002		
RETURN RESPONSES/COMMENTS TO:	Eileen Shannon				
RETURN RESPONSES/COMMENTS BY:	1/31/2013				

PROJECT NO.:	131457	PROJECT NAME:	2013 Hydrostatic Permitting
ACTIVITY/DESCRIPTION:	Letter		

DOCUMENTS BEING TRANSMITTED

ITEM	REV.	PAGES	DATE	DESIGNATOR
Submittal of a Notice of Intent	0	27	1/18/2013	131457.1-ALB12LT001
	--	--	--	--
	--	--	--	--

INSTRUCTIONS/REMARKS

- ☐ Mark previous issues "obsolete", "superceded", or "uncontrolled"
- ☐ Destroy previous affected material
- ☐ Return old material with this record
- ☒ New issue (no previous copies received)
- ☐ Replace with revised/new material
- ☐ Maintain as controlled copy
- ☐ Not Applicable

RECEIPT AND READ ACKNOWLEDGEMENT
Please Sign and Return To:

ADMINISTRATIVE SUPERVISOR
9019 WASHINGTON NE, BUILDING A
ALBUQUERQUE, NM 87113
FAX: 505.344.1711 OR KKNIGHTS@KLEINFELDER.COM

RECEIVED OCD
2013 JAN 22 A 9:51

CLIENT RECEIPT	PRINT NAME	SIGNATURE	DATE
Complete & Return this page via Fax/Mail/Email			

KLEINFELDER RECEIPT	PRINT NAME	SIGNATURE	DATE
Complete this section upon receipt from client			

Enterprise Products

ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

January 18, 2013

VIA EMAIL

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

Dear Mr. Jones:

RE: Enterprise Products Operating LLC
Submittal of Notice of Intent to Discharge Hydrostatic Test Water
Carlsbad Expansion, Bopco 4-mile Lateral
Eddy County, New Mexico

Enterprise Products Operating LLC (Enterprise) will be constructing the Bopco 4-mile lateral as an expansion to their Carlsbad-area natural gas gathering system. Please find enclosed an application for authorization to discharge hydrostatic test water following hydrostatic testing of the new pipeline.

Thank you for your assistance with this proposed project. If you have questions or require additional information, please feel free to call Enterprise's environmental consultant, Ms. Barbara Everett, (505) 344-7373, or myself, 713-392-2458, with questions.

Sincerely,

James G. White
Sr. Environmental Scientist

Cc: Jim Heap, Enterprise
Shiver Nolan, Enterprise

P.O. BOX 4324
HOUSTON, TEXAS 77210-4324
713.381.6500

1100 LOUISIANA STREET
HOUSTON, TEXAS 77002-5227
www.enterpriseproducts.com

KLEINFELDER
Bright People. Right Solutions.

January 18, 2013
File No.: 131457

Mr. Brad Jones
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, NM 87505

Subject: Submittal of a Notice of Intent to Perform a Hydrostatic Test
Bopco 4-Mile Lateral
Eddy County, New Mexico

Dear Mr. Jones:

On behalf of the Enterprise Products Operating Company, Inc. (Enterprise), Kleinfelder West, Inc. (Kleinfelder) is pleased to submit this Notice of Intent (NOI) for a hydrostatic test of the Enterprise pipeline. The pipeline to be tested is a new line using new piping. Municipal well water obtained from the City of Carlsbad will be used in the testing. Enterprise intends to discharge the hydrostatic test water at the east end of the tested pipeline. The discharge water will go onto the right-of-way and will likely flow offsite onto property owned by the Bureau of Land Management.

Enterprise planning to conduct hydrostatic testing on a new 12-inch inner-diameter line named Bopco 4-Mile Lateral located in Sections 21, 22, 23, 25, and 26 of Township 24 South, Range 30 East in Eddy County, New Mexico. Actually placement of water into the pipeline is scheduled to start on February 26, 2013. Approximately 21,121 feet of piping will be tested.

Kleinfelder has included the required information for the NOI as stated in the "Guidelines for Hydrostatic Test Dewatering" dated January 11, 2007. Attached to this NOI are the following:

- Background Information;
- Notice of Intent;
- Figure 1 - Pipeline Undergoing Hydrostatic Test;
- Figure 2 - Proposed Discharge Location;
- Figure 3 - Site Geology;
- Appendix A - Surface Water Features;
- Appendix B - Water Well Information and Floodplain information;
- Appendix C - Mine Information;
- Appendix D - Hydrostatic Waste Water Dispersion Detail;
- Appendix E – Public Notice (English version).

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

A check totaling $100 made out to the New Mexico Water Quality Management Fund is enclosed, submitted on behalf of Enterprise for the $100 filing fee. A separate check for the $600 general permit fee will be submitted under separate cover.

Kleinfelder prepared this NOI in a manner consistent with the level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. The information provided in this document is based on our understanding of the information provided by Enterprise.

Should you have any questions, please feel free to contact Barbara Everett (Kleinfelder) at (505) 344-7373 or Jimmy White (Enterprise) at (713) 381-1785.

Respectfully submitted,

KLEINFELDER WEST, INC.

Eileen L. Shannon, P.G
Project Manager

Reviewed by:

Barbara Everett, P.G.
Program Manager

cc: James White, Enterprise Products Operating LLC, PO Box 4324
Houston, TX 77210

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

Background Information

- The Enterprise line is a new, welded, steel 12-inch diameter by 21,120 feet long pipeline called the Bopco 4-mile Lateral.
- The pipeline is part of a gathering system that transports natural gas from well sites to processing facilities.
- The U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) requires periodic pressurized tests on all DOT-regulated pipelines and all newly installed pipelines to verify the integrity and safety of pipeline systems. Because the pipeline is part of a natural gas gathering system, waste water generated during hydrostatic testing is classified as RCRA-exempt waste water and does not require management as a RCRA waste or disposal at a RCRA-approved facility.
- The pipe is currently scheduled to be filled with test water beginning Sunday, February 26, 2013. Testing is scheduled to begin Tuesday, February 28, 2012, with discharge planned for Thursday, March 1, 2012.
- Approximately 250,000 gallons are expected to be discharged to the ground surface.
- Public notice is proposed to be published in the Carlsbad Current-Argus newspaper and posted in the Loving, NM Post Office (USPS - United States Post Office – Loving 402 W Beech St, Loving, NM 88256 and Carlsbad Municipal Library (101 S Halagueno St, Carlsbad, NM 88220).

Notice of Intent Plan

On behalf of Enterprise, Kleinfelder is submitting this NOI plan as outlined in NMOCD Guidance document, "Guidelines for Hydrostatic Test Dewatering," (revised January 11, 2007). The NOI plan includes the following items:

Item a. Name and address of the proposed discharger;

Legally Responsible Party	Mr. Kevin Bodenhamer, Sr VP, EHS&T POC: Ms. Shiver Nolan, Sr. Compliance Administrator P.O. Box 4324 Houston, Texas 77210 713-381-6595
Local Representative	Mr. James Heap Enterprise Products Operating LLC 1031 Andrews Highway, Suite 320 Midland, TX 79701

Item b. Location of the discharge, including a street address, if available, and sufficient information to locate the facility with respect to surrounding landmarks;

The section of the pipeline to be tested is located in Eddy County. Water from the hydrostatic testing will be discharged to the ground at the eastern edge of the pipeline to be tested. The location pipeline to be hydrostatically test and the proposed discharge location is shown on Figure 1.

KLEINFELDER 9019 Washington St. NE Building A. Albuquerque, NM 87113 **p|** 505.344.7373 **f|** 505.344.1711

Directions to the discharge site from Loving, New Mexico are:

- Head north on N 4th Street toward Elm street for approximately 0.3 miles;
- Turn right onto County Road 713/Oak Road and continue on it for 1.7 miles;
- Turn left on to S. Donaldson Farm Rd and continue for 1.5 miles;
- Turn right onto NM-31/Potash Mine Rd and continue for 4.5 miles;
- Turn right onto NM-128 E/Jal Hwy and continue for 12.8 miles;
- Turn right onto Twin Wells Road for 5.6 miles, then turn right to stay on Twin Wells Road and go an additional 1.5 miles;
- Turn left on an unnamed road and continue for 0.8 mi; and
- Then turn left on another unnamed road and continue for 1.3 miles. The site will be on the right.

Item c. Legal description of the discharge location;

The discharge location is located at:

- NE ¼ of the NE ¼ of Section 25, Township 24 South, Range 30 East, Eddy County, New Mexico (See Figure 1).

Item d. Maps (site-specific and regional) indicating the location of the pipelines to be tested;

- Figure 1 – Regional map showing topography, the pipeline section undergoing testing, and the hydrostatic test water discharge area.
- Figure 2 – Site-specific map showing the hydrostatic test discharge area.
- Figure 3 – Site-specific geology map.
- Appendix A – Surface Water Information in Vicinity of Discharge Area.
- Appendix B – Wells and Flood Plain Information in the Vicinity of the Discharge Area.
- Appendix C – Mines in Vicinity of Discharge Area.
- Appendix D – Site-specific Sketch showing details of the waste water dispersion setup.

Item e. A demonstration of compliance to the following siting criteria or justification for any exceptions:

i. Within 200 feet of a watercourse, lakebed, sinkhole, or playa lake;

A search of surface water bodies in the vicinity of the discharge location was completed using the Petroleum Recovery Research Center database (PRRC database) on December 28, 2012. No watercourses, lakes/ponds, reservoirs, playas, swamps/marshes, estuaries, sinks or springs/seeps were found within 1,000 feet of the proposed discharge location. A map generated from the PRRC database is included in Appendix A.

ii. Within 1,000 feet of an existing wellhead protection area or 100-year floodplain;

A search for surrounding water wells was completed to satisfy a portion of this requirement. The PRRC database was used for this search, which was conducted on December 27, 2012. According to the PRRC database, no water wells are located within 1,000 feet of the proposed discharge area. Figure B-1, generated from the portal database, shows no water wells in the vicinity of the site and is included in Appendix B. In addition, the New Mexico Office of the State Engineer (OSE) website was checked for water wells located in the vicinity of the site. Several stock wells were identified in Sections 21 and 23, 1.5 to 3 miles to the northwest. Also, a closed file of four points of discharge was found which was also located near the proposed discharge area.

Federal Emergency Management Administration (FEMA) flood insurance rate maps were searched on the FEMA website for 100-year floodplains in the proposed discharge area. According to the FEMA website, the proposed discharge area is not located within a 100-year floodplain. The area surrounding the site is Zone X (areas determined to be outside the 0.2% annual chance floodplain) (FEMA, fema.gov). A copy of the floodplain map is included in Appendix B.

iii. Within, or within 500 feet of, a wetland;

No wetlands were noted within 500 feet or in the surrounding area on aerial photos of the area (see Figure 2), nor on the U.S. Geological Society topographic map of the area.

iv. Within the area overlying a subsurface mine; or

Mr. Mike Tompson with the New Mexico Abandoned Mine Lands Program was contacted on December 27, 2012 to assess the presence of abandoned subsurface mines in the vicinity of the proposed discharge area. According to Mr. Tompson, there is no record of abandoned subsurface mines within Section 25, Township 24 South, Range 30 East. A copy of the email from Mr. Tompson is attached in Appendix C. According to the PRRC database, no active or inactive mines were located in the vicinity of proposed discharge area. Figure C-1 (Appendix C), generated from the PPRC database shows no mines within 1,000 feet of the site.

v. Within 500 feet from the nearest permanent residence, school, hospital, institution or church.

No permanent residences, school, hospital, institution or church were noted on aerial photographs of the area (see Figure 2).

Item f. A brief description of the activities that produce the discharge;

Pressure testing with water, known as hydrostatic testing, is one of the tools pipeline operators use to verify pipeline integrity. Because this is new piping, previous contents of the pipe do not need to be cleared. The pipeline will be pressurized to a pressure higher than the standard operating pressure for approximately eight hours. The purpose of hydrostatic testing in a pipeline is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. If leaks or breaks occur, the pipeline is repaired or the affected areas is replaced, and then re-tested. The U.S. Department of

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Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) requires periodic pressurized tests on all DOT-regulated pipelines and all newly installed pipelines to verify the integrity and safety of pipeline systems. Approximately 250,000 gallons of water will be used for the hydrostatic test.

Item g. The method and location for collection and retention of fluids and solids;

Once the hydrostatic test has been conducted, the water will be tested for water quality as described in Item j. Once approval to discharge has been received, the waste water will be allowed to flow from the pipeline onto the pipeline right-of-way and onto the property adjacent to the pipeline. It is not anticipated that the fluids will be retained. Erosion will be controlled by the use of hay bales. Because the piping is new, solids are not anticipated to be produced from the hydrostatic testing.

Item h. A brief description of best management practices to be implemented to contain the discharge onsite and to control erosion;

Non-woven geotextile fabric will be installed beneath the entire dewatering structure to prevent scouring. Hay bales will be used to control erosion as the water is discharged from the pipeline. Pipeline water will gradually be released and allowed to flow onto the ROW and adjacent property. A diagram of the hydrostatic waste water dissipation and disposal system is located in Appendix D (Figure D-1).

Item i. A request for approval of an alternative treatment, use, and/or discharge location (other than the original discharge site), if necessary;

An alternate location for discharge would be the west end of the pipeline section being tested that is located in the NW ¼ of NE ¼, Sec 21, T24S, R 30E. This location meets all the requirements of *Item e*, above.

Item j. A proposed hydrostatic test wastewater sampling plan;

Once the test has been completed, prior to discharge Enterprise will collect and analyze a sample of the water obtained from the end section of the pipeline. The sample will be analyzed by EPA Method 8260B and EPA Methods 200.7/6010C with a 24-hr turnaround time. Once the results have been received, the results will be forwarded to the NMOCD. Upon NMOCD concurrence that the discharge water meets the water quality standards of NMAC 20.6.2.3103, Enterprise will discharge the water in accordance with the approved discharge permit. In the event that the hydrostatic test water is found to be unsuitable for disposal onto the ground surface, then Enterprise will haul the waste water to an approved disposal facility. Enterprise will provide the name and address of the facility and the appropriate disposal documentation to the NMOCD.

Item k. A proposed method of disposal of fluids and solids after test completion, including closure of any pits, in case the water generated from test exceeds the standards as set forth in Subsections A, B, and C of the 20.6.2.3103 NMAC (the New Mexico Water Quality Control Commission Regulations);

Municipal water is being used to test new pipe which will be part of a natural gas gathering system; solid accumulation is not anticipated. If an alternative discharge location or method is required, other than previously listed alternate discharge location, waste water will be transferred with a pump and hose into twelve ±21,000 gallon frac tanks located within the ROW for staging and hauled to Dorstate SWD, Order No. SWD-247-A. Frac tanks will be placed

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within approximately 10-15 feet of the point of connection on the pipeline and be contained wholly within the ROW. Personnel will be present during transfers to monitor water transfer and loading. Individual tank valves will be closed and locked when not in use.

Item l. A brief description of the expected quality and volume of the discharge;

The volume of the hydrostatic test water is expected to be discharged is approximately 250,000 gallons. The source of water used for the hydrostatic test will be from the City of Carlsbad municipal water. New piping will be tested which should not impact the quality of the water to be discharged.

Item m. Geological characteristics of the subsurface at the proposed discharge site;

The site is located in the Delaware Basin region of the Permian Basin which extends from southeastern New Mexico and into west Texas. The Delaware Basin consists of primarily marine carbonates and includes the basal Leonard series, the overlying Guadalupe Series, and the uppermost Ochoan series which includes the Castile and Saldo evaporates and the clastic Rustler Formation.

Soils in the area are dominated by the Kermit – Berino fine sands. These sands are Quaternary eolian deposits and unconsolidated alluvial deposits that cover most of the underlying Quaternary older alluvium deposits of the upland plains and piedmont areas (Qe/Qp on Figure 3). These Quaternary units are between 30 and 150 feet thick and unconformably overlie older Permian formations. The Permian Rustler Formation outcrops in the area and is composed of siltstone, gypsum, sandstone and dolomite. No known karst features were identified in the area based on a Petroleum Recovery Research Center database search (accessed on December 26, 2012).

Item n. The depth to and total dissolved solids concentration of the ground water most likely to be affected by the discharge;

The only source of drinking water in the region in the sandy/silty Dockum and Dewey Lake beds of the Permian Rustler Formation. (Geolex, Inc., 2007). No wells or water quality information was found in a search surrounding the site.

Based on wells located in Sections 21 and 23, north and east of the proposed discharge area, depth to water is approximately 400 feet bgs. Total dissolved solids (TDS) reports for these wells were not included in various databases checked (OSE, GoTech). However, the chloride content ranged from 32 to 90 parts per million, suggesting that TDS may range from 200 to 1000. Regionally, the waters of the Rustler Formation Dockum beds range from 1,000 to over 3,000 milligrams per liter TDS (Geolex, 2007).

Item o. Identification of landowners at, and adjacent to, the discharge collection/retention site. Landowners within 1/3-mile of the boundary of the discharge point or temporary frac tank storage area within the Enterprise pipeline easement:

According to the Eddy County Tax Assessors website, the landowner of Parcel No 4-180-143-264, which surrounds the proposed discharge area for the Bopco 4-Mile Lateral pipeline, is the Bureau of Land Management.

Carlsbad Field Office
Bureau of Land Management
620 E, Greene Street
Carlsbad, NM 88220

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References

Federal Emergency Management Agency website, accessed December 2012, http://www.fema.gov/.

Geolex, Inc., 2007, Application for New Mexico Oil Conservation Division Discharge Plan, Fortson Compressor Station (Section 25, Township 24 South, Range 30 East) on behalf of Southern Union Gas Services, Ltd.

Go-Tech, New Mexico Water database (NM WAIDS, accessed December 2012, http://octane.nmt.edu/waterquality/data/gwatersearch.aspx.

Office of the State Engineer (OSE) database search accessed in December 2012, http://nmwrrs.ose.state.nm.us/nmwrrs/index.html.

Petroleum Recovery Research Center database (PRRC) database search accessed December 2012, http://ford.nmt.edu/prrc_MF/index5.html.

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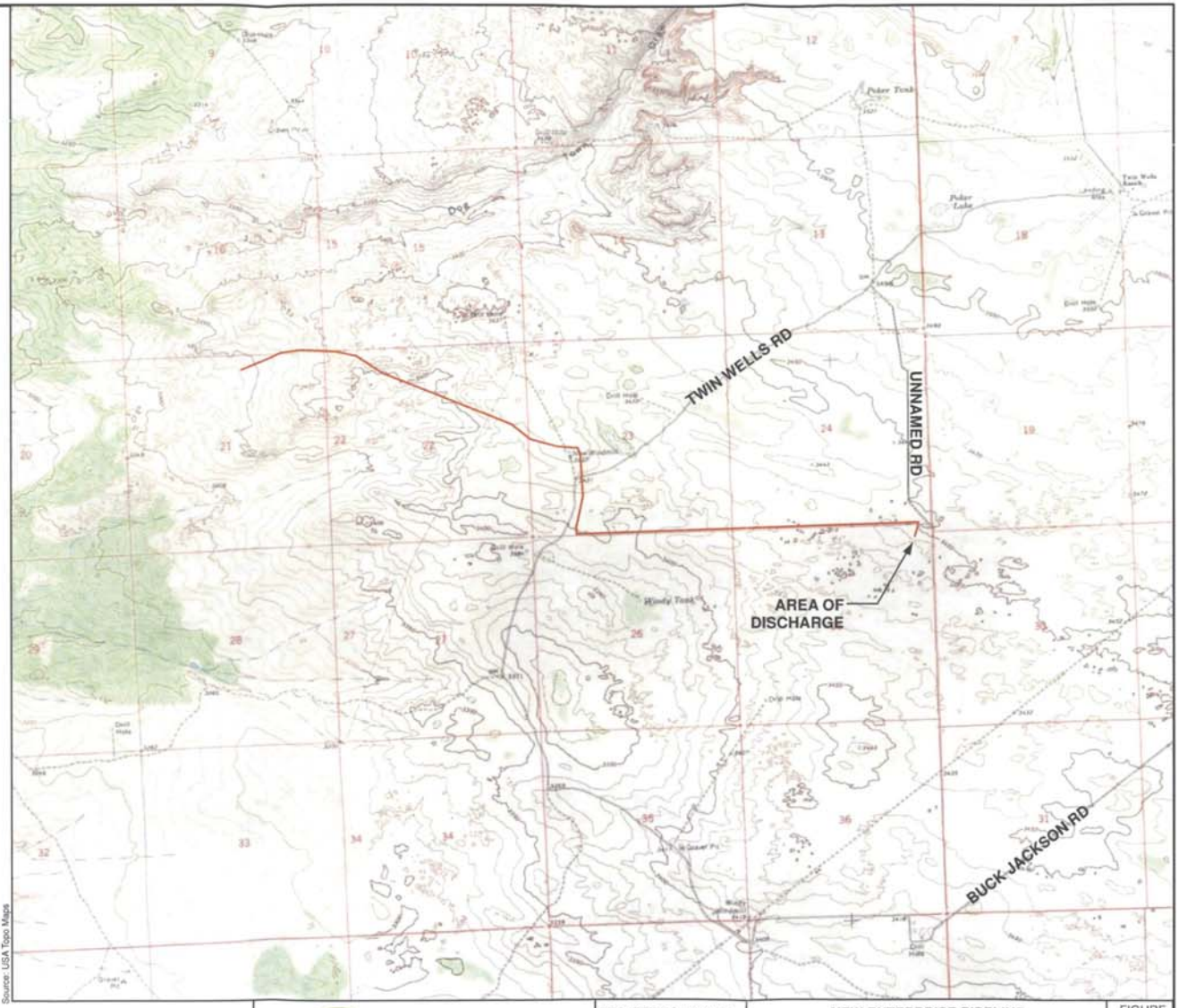
FIGURES

Source: ESRI World Street Map

APPROXIMATE SITE LOCATION



LEGEND

- APPROXIMATE SITE LOCATION
- APPROXIMATE LOCATION OF BOPCO 4-MILE LATERAL SECTION TO BE TESTED

N

3,000 0

Feet

NAD 1983 StatePlane
New Mexico East, US Feet

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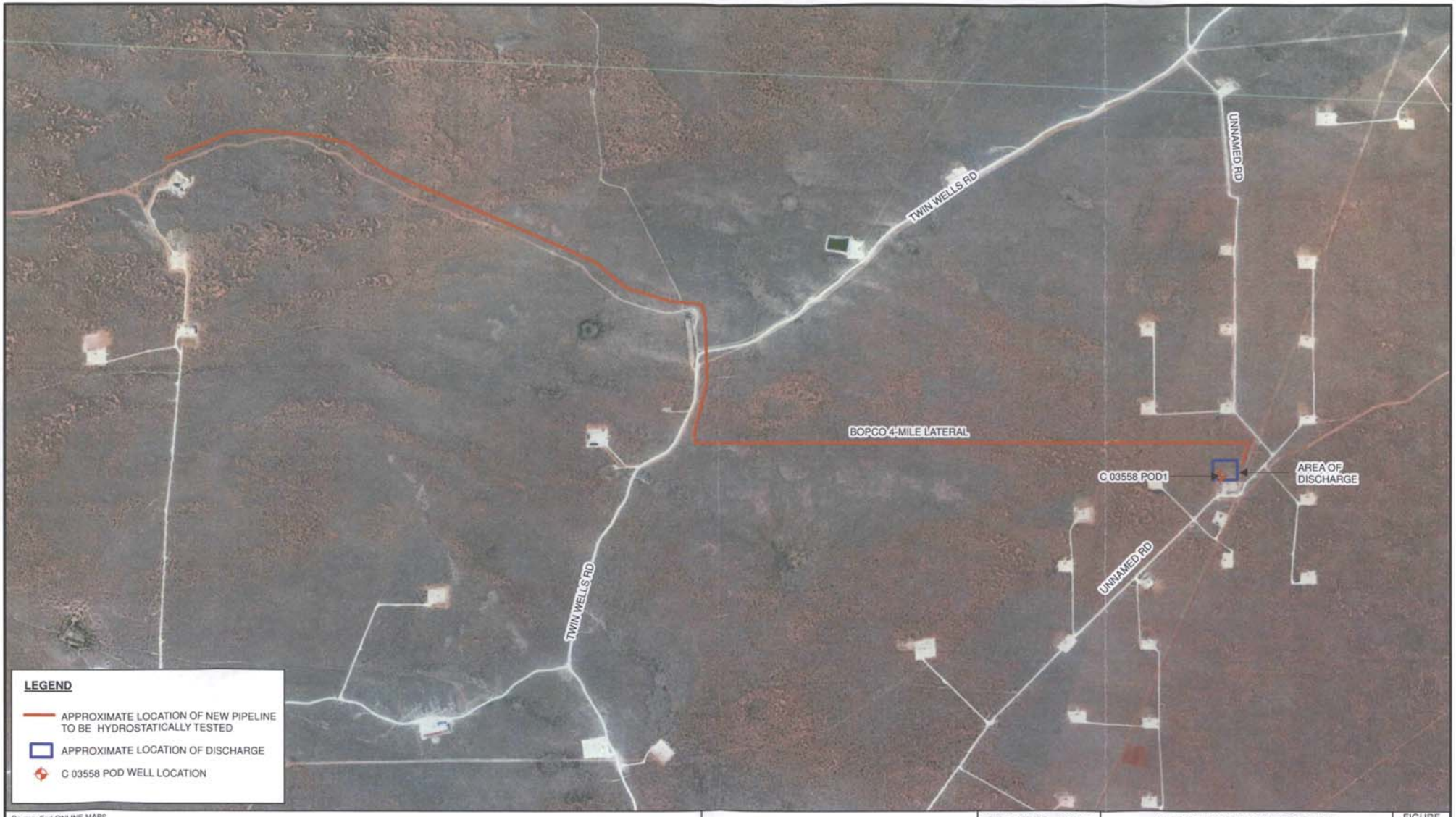
www.kleinfelder.com

PROJECT NO.: 131457	**NEW ENTERPRISE PIPELINE UNDERGOING HYDROSTATIC TESTING**	FIGURE
DRAWN: 12/27/2012		
DRAWN BY: PD	BOPCO 4-MILE LATERAL EDDY COUNTY, NEW MEXICO	1
CHECKED BY: ES		
FILE NAME: 131457_SLM.mxd	ORIGINATOR: E. SHANNON	DRAWING CATEGORY: 1
	APPROVED BY:	



Source: Esri ONLINE MAPS

N

1,500 0 1,500
Feet

NAD 1983 StatePlane
New Mexico East, US Feet

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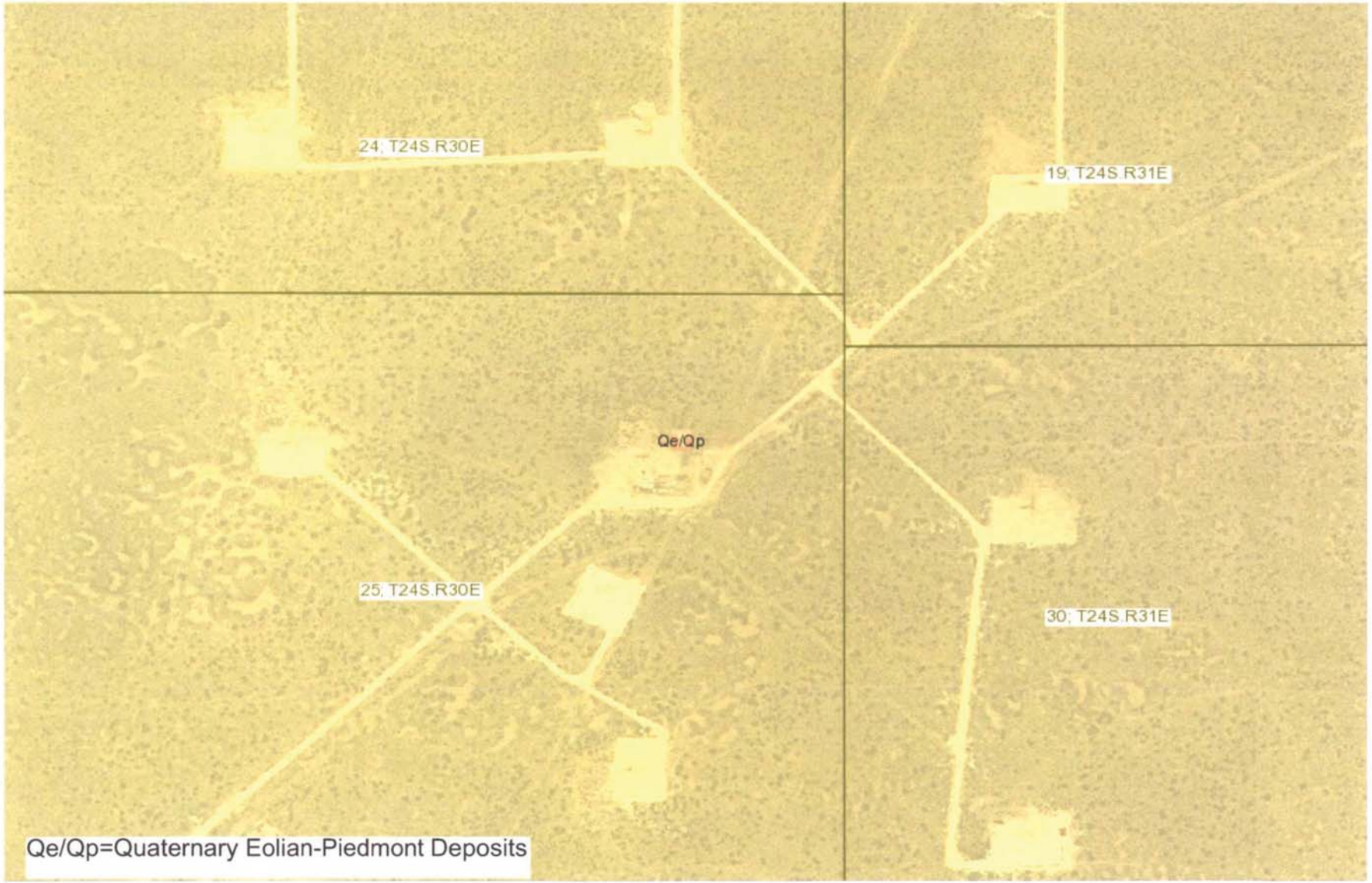
PROJECT NO.: 131457	
DRAWN: 12/27/2012	
DRAWN BY: PD	
CHECKED BY: ES	
FILE NAME: 131457_SLM.mxd	

APPROXIMATE DISCHARGE AREA FOR HYDROSTATIC TEST WATER

BOPCO 4-MILE LATERAL
EDDY COUNTY, NEW MEXICO

ORIGINATOR: E. SHANNON
APPROVED BY:
DRAWING CATEGORY: 1

FIGURE
2

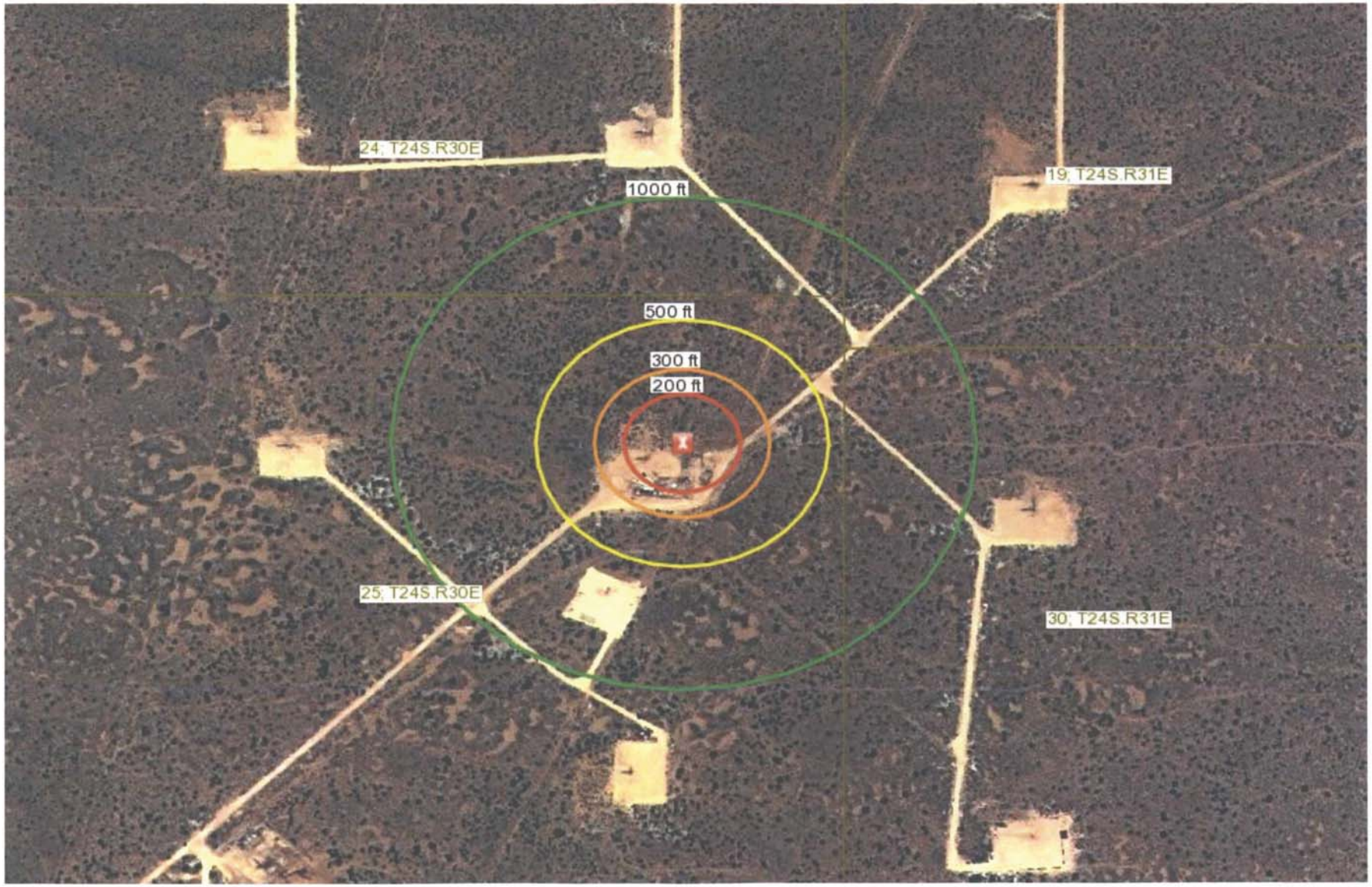


0 200 400ft

N W E S

Petroleum Recovery Research Center	Geology in Vicinity of the Eastern End of the Pipeline	Figure: 3
	Enterprise Bopco 4-Mile Lateral	Dec 28, 2012

APPENDIX A
Surface Water Information in Vicinity of Discharge Area

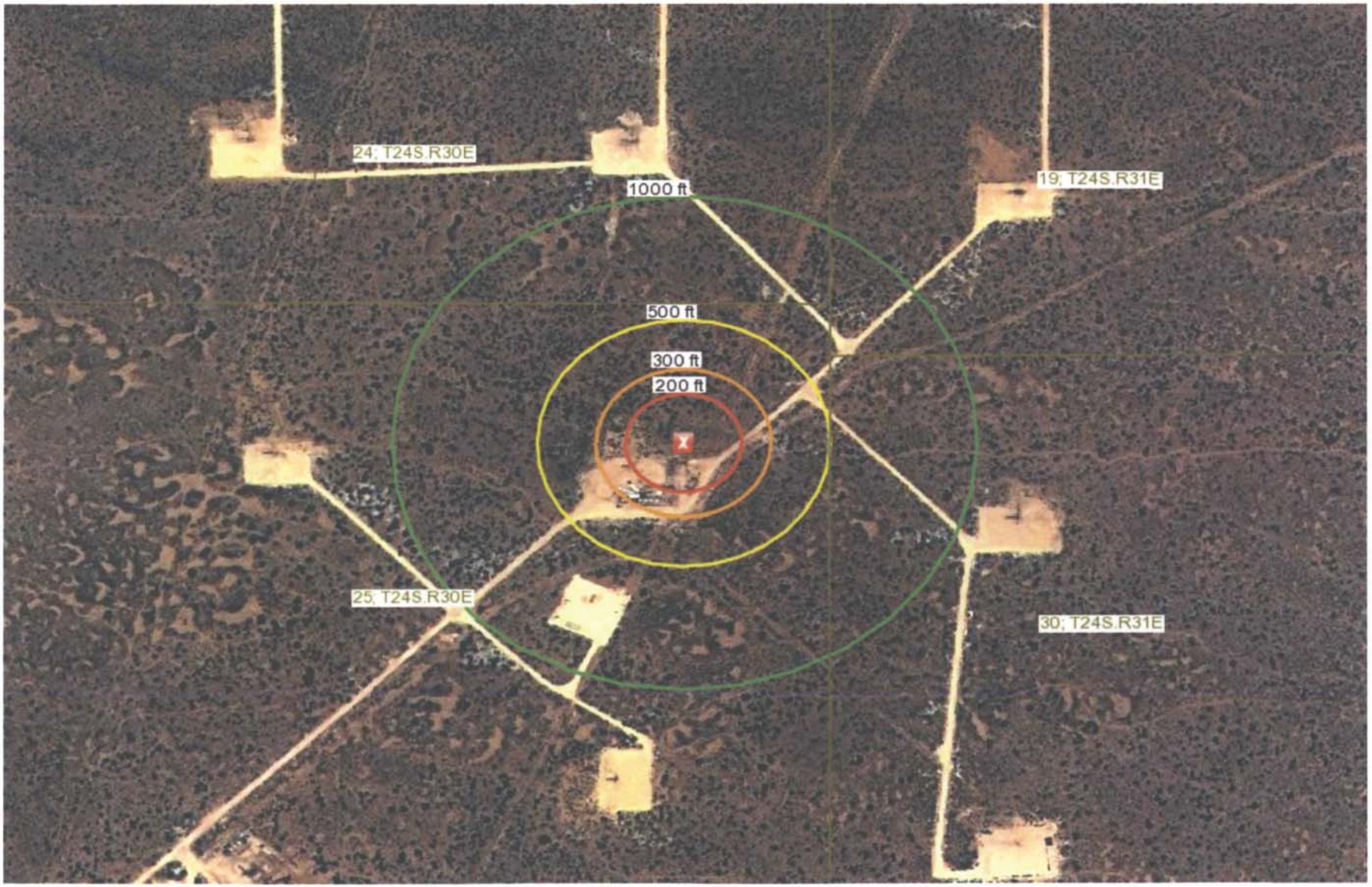


0 200 400ft

N W E S

Petroleum Recovery Research Center	Surface Water Features in Vicinity of the Eastern End of the Pipeline	Figure: A-1
	Enterprise Bopco 4-Mile Lateral	Dec 28, 2012

APPENDIX B
Wells and Flood Plain Information in the Vicinity of the Discharge Area



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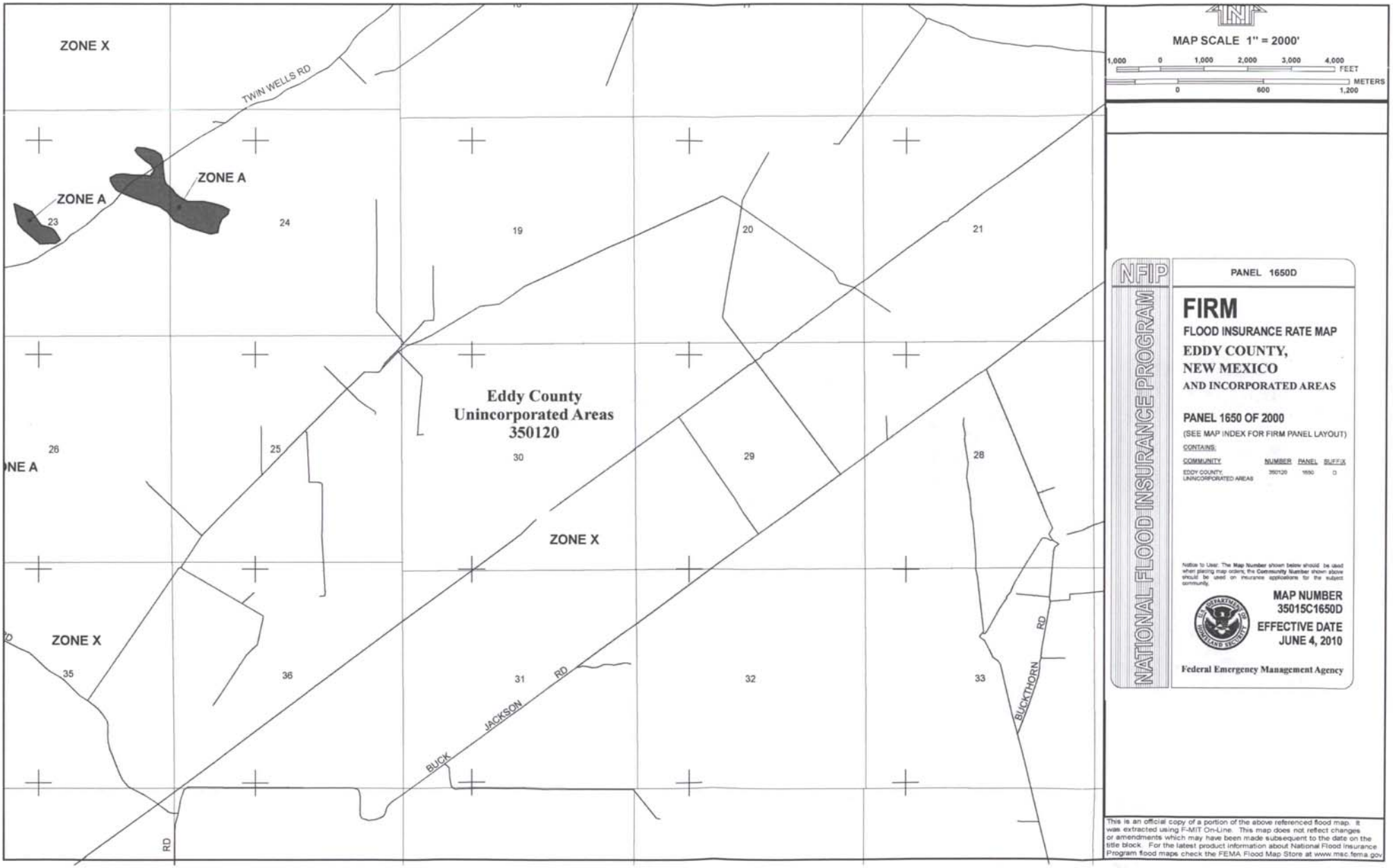
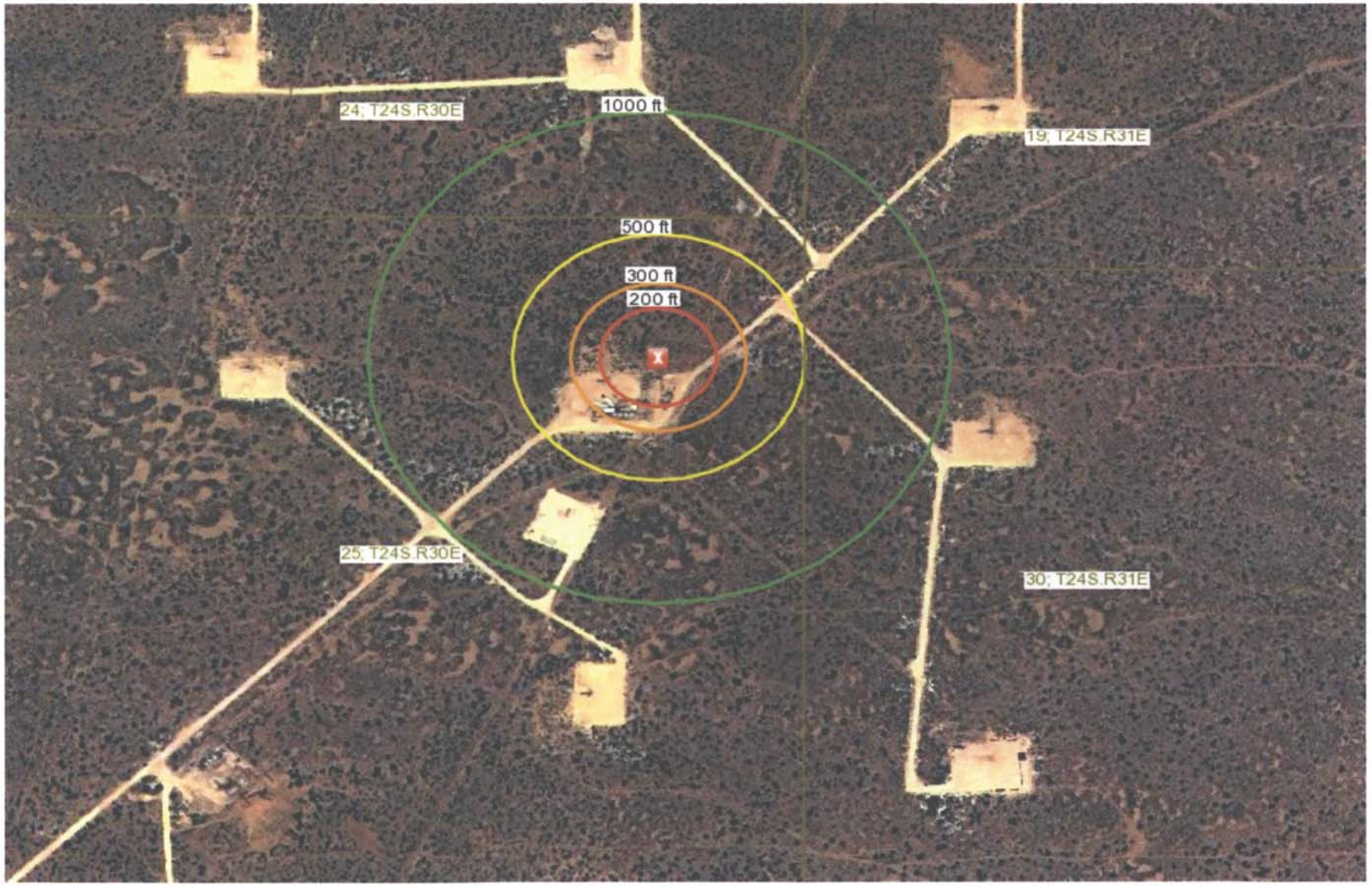
N W E S

Petroleum Recovery Research Center	Water Wells in Vicinity of Eastern End of Pipeline	Figure: B-1
	Enterprise Bopco 4-Mile Lateral	Dec 27, 2012


ZONE X
TWIN WELLS RD
ZONE A
ZONE A
23
24
19
20
21
Eddy County
Unincorporated Areas
350120
26
25
30
29
28
ZONE X
ZONE X
35
36
31
32
33
RD
JACKSON
BUCK
RD
BUCKTHORN
RD
MAP SCALE 1" = 2000'
1,000 0 1,000 2,000 3,000 4,000 FEET
0 600 1,200 METERS
NFIP
NATIONAL FLOOD INSURANCE PROGRAM
PANEL 1650D
FIRM
FLOOD INSURANCE RATE MAP
EDDY COUNTY,
NEW MEXICO
AND INCORPORATED AREAS
PANEL 1650 OF 2000
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
EDDY COUNTY, UNINCORPORATED AREAS 350120 1650 D
Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.
MAP NUMBER
35015C1650D
EFFECTIVE DATE
JUNE 4, 2010
Federal Emergency Management Agency
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

APPENDIX C
Mines in Vicinity of Discharge Area



0 200 400ft

N W E S

Petroleum Recovery Research Center	Mines in Vicinity of Eastern End of Pipeline	Figure: C-1
	Enterprise Bopco 4-Mile Lateral	Dec 27, 2012

Eileen Shannon

From: Tompson, Mike, EMNRD <Mike.Tompson@state.nm.us>
Sent: Friday, December 28, 2012 8:07 AM
To: Eileen Shannon
Subject: Section 25, Township 24 South, Range 30 East

Sorry about all of that. I'll never understand our internet and mail censoring system.

We have no record of any abandoned mines within Section 25, Township 24 South, Range 30 East, Eddy County, New Mexico.

I hope that helps. Let me know if you have any more questions.

Mike Tompson
New Mexico Abandoned Mine Land Program
(505) 476-3427

-----Original Message-----
From: Eileen Shannon [mailto:EShannon@kleinfelder.com]
Sent: Friday, December 28, 2012 7:53 AM
To: Tompson, Mike, EMNRD
Subject: RE: State of New Mexico – Content Policy Match: Filetype Blocked Inbound

I am sending w/o attachments

Hi Mike,

I am working on a hydrostatic discharge plan for Enterprise and we are required to research whether there are abandoned mines in the vicinity of the proposed discharge area. Municipal water from Carlsbad will be used to hydrostatically test the a new 4-mile section of pipeline. After the testing, the test water will be discharged to the ground surface on BLM property.

The discharge area is located at:

- NE ¼ of the NE ¼ of Section 25, Township 24 South, Range 30 East, Eddy County, New Mexico; or
- Latitude 32°11'44.59"N; Longitude: 103°49' 37.37"W

Attached is a map from the NMTECH pit rule portal showing the location of the discharge. Their website shows no mining in the area, but I wanted to confirm with you. Also attached is a .kmz file of the new pipeline section

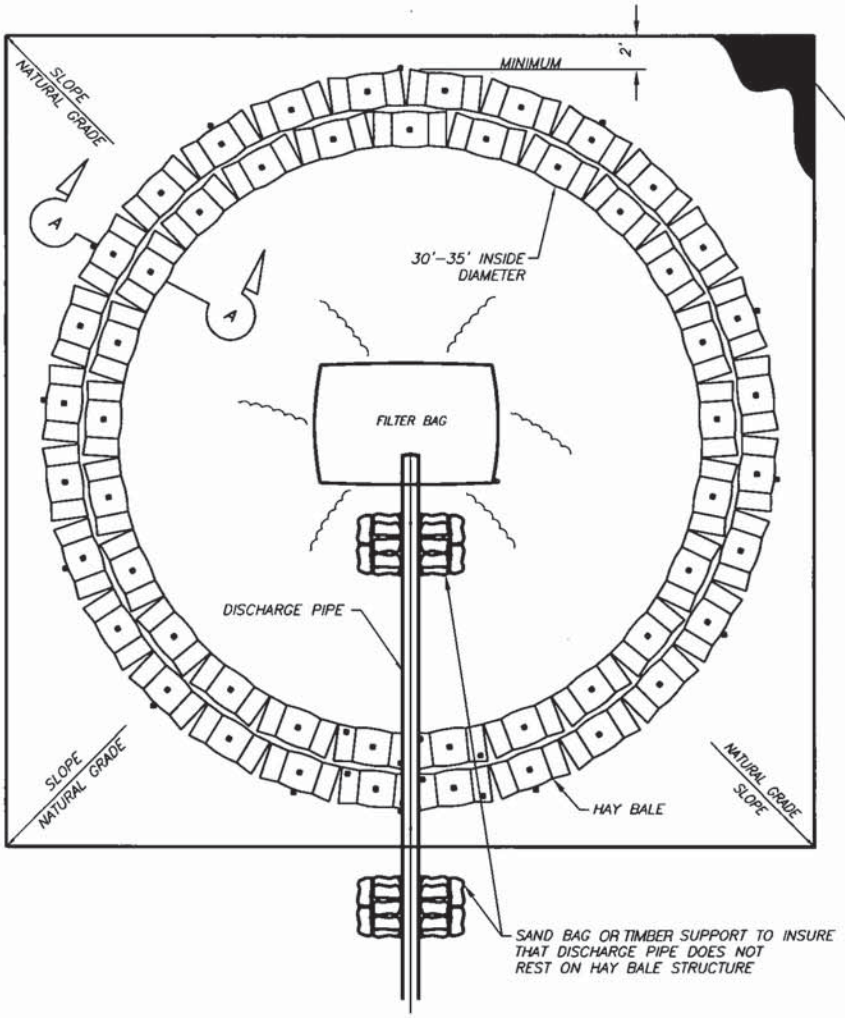
If you need additional information, please call.

Thank you,

Eileen

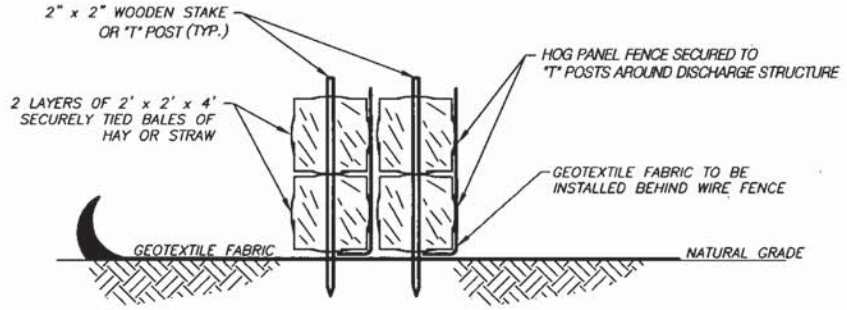
-----Original Message-----

APPENDIX D
Hydrostatic Waste Water Dispersion Detail



HYDROSTATIC DEWATERING DETAILS

PLAN VIEW
SCALE: NTS



NOTE:
"T" POSTS SECURING HOG PANEL FENCE ARE NOT SHOWN FOR CLARITY PURPOSES

SECTION A-A

FROM THIS DWG
SCALE: NTS

NOTE:

1. STRUCTURE SHALL BE PLACED ON A LEVEL, WELL VEGETATED SITE SUCH THAT WATER WILL FLOW AWAY FROM STRUCTURE AND ANY WORK AREAS.
2. FLOW RATES THROUGH PIPES SHALL BE SUCH THAT STRUCTURE WILL NOT OVERFLOW.
3. WHERE CONDITIONS WARRANT, A 30' x 30' RECTANGULAR STRUCTURE MAY BE SUBSTITUTED FOR THE CIRCULAR CONFIGURATION SHOWN.
4. DIMENSIONS SHOWN ARE THE MINIMUM ACCEPTABLE VALUES AND MAY VARY DEPENDING ON SPECIFIC LOCATION.
5. CONTRACTOR SHALL PROPERLY REMOVE AND DISPOSE OF DEWATERING STRUCTURE IMMEDIATELY UPON COMPLETION OF DEWATERING PROCEDURE. UNDER NO CIRCUMSTANCES SHALL USED DEWATERING STRUCTURES BE LEFT IN PLACE FOR ANY PERIOD OF TIME GREATER THAN 48 HOURS PRIOR TO COMPLETION OF DEWATERING PROCEDURE.
6. HOG PANEL FENCING SHALL BE INSTALLED AROUND THE HAYBALE STRUCTURE AND SECURED WITH "T"POSTS
7. ENTIRE DISCHARGE STRUCTURE SHALL BE UNDERLAIN WITH NON-WOVEN GEO-TEXTILE LINER.

ENTERPRISE

FIGURE D-1

HYDROSTATIC WASTE WATER DISPERSION DETAIL
Bopco 4 - Mile Lateral
Eddy County, NM

Job No.	JAN 2013

APPENDIX E
Public Notice (English Version)

PUBLIC NOTICE

The United States Department of Transportation (USDOT) requires periodic pressurized tests on all USDOT-regulated pipelines. Enterprise Products Operating LLC (Enterprise) hereby gives notice that the following discharge permit application has been submitted to the New Mexico Oil Conservation Division (NMOCD) in accordance with Subsection B, C, E, and F of 20.6.2.3108 New Mexico Administrative Code. The local Enterprise mailing address is: Enterprise Products Operating LLC, 1031 Andrews Highway, Suite 320, Midland, TX 79701.

Enterprise has submitted an application for hydrostatic test water discharge that will occur on the pipeline right-of-way and adjacent property in Section 25; Township 24 South; Range 30 East in Eddy County, New Mexico. The location of the discharge is approximately 17 miles southeast of Loving, New Mexico To reach the discharge location from Loving: travel 0.3 miles north on N 4th Street; turn right on County Road 173/Oak Road for 1.7 miles; turn left on S. Donaldson Farm Rd for 1.5 miles; turn right on to NM-31/Potash Mine Road for 4.5 miles; turn right on NM-128E/Jal Highway and continue for 12.8 miles; turn right on Twin Wells Road for 5.6 miles, then turn right to stay on Twin Wells Road and go an additional 1.5 miles; turn left on an unmanned road and continue for 0.8 miles and then turn left on another unmanned for 1.3 miles. The discharge will take place along the pipeline easement right-of-way (ROW) and may flow onto property surrounding the ROW.

The purpose of hydrostatic (testing with water) pipeline testing is to determine the extent to which potential defects might threaten the pipeline's ability to sustain maximum allowable operation pressure. A 4-mile section of new piping is to be tested which involves filling the pipeline with water, then pressurizing the pipeline to a pressure higher than the standard operating pressure for a specified duration of time.

The new pipeline, called the Bopco 4-Mile Lateral, will be hydrostatically tested. Up to 250,000 gallons of unused municipal water obtained from the City of Carlsbad will be hauled to the site and pumped via hose into the pipeline. Once the test has been completed, and prior to discharge, Enterprise will collect and analyze a sample of the water obtained from the end section of the pipeline. The sample will be analyzed for water quality. Once the results have been received, the results will be forwarded to the NMOCD. Upon NMOCD concurrence that the discharge water meets the water quality standards of NMAC 20.6.2.3103, Enterprise will discharge the water in accordance with the approved discharge permit. If discharge to the ground surface is approved, a hose will be fitted to a valve and the test water will be discharged to the ground surface.

In the event that the hydrostatic test water is found to be unsuitable for disposal onto the ground surface, the used test water will be placed into frac tanks located within the pipeline easement in the vicinity of the end of the pipeline (Section 25; Township 24 South; Range 30 East) for staging. Frac tanks will be placed within approximately 10-15 feet of the point of connection on the pipeline and be contained wholly within the ROW. As many as 12 frac tanks may be necessary to temporarily contain up to 250,000 gallons of used test water. Test water will be hauled by an approved NMOCD-hauler to Dorstate SWD, Order No. SWD-247-A.

The first groundwater likely to be affected by a leak, accidental discharge, or spill exists at a depth approximately 400 feet below the ground surface. The aquifer system in this area has a total dissolved solids concentration between 200 and 3,000 milligrams per liter.

The notice of intent and discharge plan outlines how produced water and waste will be properly managed, including handling, storage, and final disposition. The plan also includes procedures for the proper management of leaks, accidental discharges, and spills to protect the waters of the State of New Mexico.

For additional information, to be placed on a facility-specific mailing list for future notices, or to submit comments please contact:

Brad Jones, Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Phone: (505) 476-3487

The NM Energy, Minerals and Natural Resources Department will accept comments and statements of interest regarding this hydrostatic test and will provide future notices for this pipeline upon request.