HIP - 90

GENERAL CORRESPONDENCE

YEAR(S): 2004

MGMT TEPPCO Val Verde
370 17th Street, Suite 2500
Denver, CO 80202

Vendor Number
0000078220
Vendor Name
NMED-

Check Number
0040006428
Check Date
9/22/04

Invoice Number	Invoice Date	Net Amount	Description
09/04	9/21/04	250.00	WTR DISCH PRMT RED CEDAR P/L PROJECT FOR HI-090 DEFS HYDROSTATIC TEST
	Total Paid	**250.00**	

Please Detach and Retain for Your Records

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER WITH VISIBLE FIBERS AND A TRUE WATERMARK ON THE REVERSE SIDE.

MGMT TEPPCO Val Verde
370 17th Street, Suite 2500
Denver, CO 80202

JP MORGAN CHASE BANK, TEXAS
P.O. BOX 2558
HOUSTON, TX 77252-2558

Vendor No.	Check Date	Check Number
0000078220	9/22/04	0040006428

NOT NEGOTIABLE AFTER 120 DAYS

Check Amount
***250.00

Pay *Two hundred fifty and xx / 100 Dollars*

To The Order Of
NMED-
Water Quality Management Fund
NM Oil Conservation District
1220 South St Francis Drive

Myron L. Caldwell
Authorized Signature

HOLD BETWEEN THUMB AND FOREFINGER, OR BREATHE ON COLORED BOX, COLOR WILL DISAPPEAR, THEN REAPPEAR.

⑈0040006428⑈ ⑆111300880⑆ 630006320⑈

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. 16995 6428 dated 7/30/04 9/22/04,

or cash received on 10/4/04 in the amount of $ 250 250

from FRONTIER FIELD SERVICES MGMT TEPPCO

for HYDROSTATIC Disch. PERMIT HI-091 " " " HE-090

Submitted by: (Facility Name) Ed Martin Date: (DEP No.) 10/4/04

Submitted to ASD by: Ed Martin Date: 10/4/04

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility ____ Renewal ____

Modification ____ Other _____ PERMIT ✓
(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ____

Martin, Ed

From: Martin, Ed
Sent: Tuesday, September 28, 2004 7:38 AM
To: 'Lynn C Ward'
Subject: RE: Hydrostatic Test

Lynn, I'm back in the office (unfortunately) and have received your application for hydrostatic test. This application is hereby approved. An approved hard copy will follow. Let me know if you have any questions.

Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 S. St. Francis
Santa Fe, NM 87505
Phone: 505-476-3492
Fax: 505-476-3471

-----Original Message-----
From: Lynn C Ward [mailto:lcward@duke-energy.com]
Sent: Thursday, September 23, 2004 7:26 AM
To: EMARTIN@state.nm.us
Subject: Re: Hydrostatic Test

Sorry, I was in the field on Wednesday. An email approval on Tues. would be fine. Thank you for your help.

Lynn Ward
Sr. Env. Specialist
Duke Energy Field Servies, LP
432/620-4207

"Martin, Ed" <EMARTIN@state.nm.us>
09/22/2004 10:51 AM

To: "Lynn Ward (E-mail)" <lcward@duke-energy.com>
cc:
Subject: Hydrostatic Test

I will be out tomorrow, Friday, and Monday, but I can e-mail you an approval
for the test if that's OK with you.

Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 S. St. Francis
Santa Fe, NM 87505
Phone: 505-476-3492
Fax: 505-476-3471

Duke Energy®
Field Services

DUKE ENERGY FIELD SERVICES
10 Desta Drive, Suite 400–West
Midland, TX 79705

432 620 4000

2004 SEP 24 AM 11 23

September 21, 2004

HI-090

Mr. Ed Martin
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, NM 87505

RE: Request for Hydrostatic Testing Water Discharge Permit
Duke Energy Field Services, LP
Red Cedar Pipeline Project

Dear Mr. Martin,

Duke Energy Field Services, LP is requesting a discharge permit for the purpose of discharging water resulting from the hydrostatic test of new pipe. The quantity of the water to be discharged is approximately 9,400 bbls (394,800 gallons). The anticipated date of the discharge is September 30, 2004 pending any construction problems. The elements of this application are discussed in the attachment to follow.

In addition, I have enclosed a check payable to the NMED Water Quality Management Fund in the amount of $250.00. It is understood that this payment includes a nonrefundable filing fee of $100.00 and $150.00 for the temporary permission as specified in Table 2, 20NMAC6.2.3114.A.

If you have any questions or require additional information, please contact me at 432/620-4207.

Sincerely,
Duke Energy Field Services, LP

Lynn Ward
Environmental Specialist
Western Division

Cc: M. Betz
K. McCoy
K. Char
File: Val Verde Gathering 2.2.3.3

HYDROSTATIC TEST WATER DISCHARGE PERMIT REQUEST
Duke Energy Field Services, LP
Red Cedar Pipeline Project
San Juan County, New Mexico

a) Map showing location of the pipelines to be tested;

The pipeline to be tested is composed of two joined segments consisting of new sixteen (16) inch diameter steel and twenty (20) inch diameter steel pipeline to be constructed approximately 16.7 miles, from DEFS Val Verde Plant (S14, T29N, R11W) to the Red Cedar CDP site (S10, T32N, R8W). The line will be set below grade so as to allow approximately 36 inches of cover, and will be constructed entirely of new pipe. A map of the location of the pipeline to be tested is included as Insert 1 (Project Area Map). A topographic extract of the discharge location is included as Insert 2.

b) Description of the test;

The proposed discharge will result from the hydrostatic testing of new pipeline. Approximately 9,400 bbls (394,800 gallons) of clean, fresh water, will be utilized for the testing. The water will be pumped into one 16 inch diameter section of the new steel line to a pressure of 1,784 psia. The pressure will be maintained for eight hours. The water will then be flowed to the second section of piping which consists of 16 inch and 20 inch diameter steel pipe and pressured to 1,540 psia and also maintained for eight hours.

Upon completion of the testing, the hydro water will be pumped into a clean frac tank located in close proximity to the discharge point, the SW/4 NE/4 of Section 27, Township 32N, Range 8W. The water will be discharged from the frac tank through filter bags, used as a silt trap, in order to reduce the discharge rate for the purposes of preventing erosion, and onto land surface owned by Duke Energy Field Services, LP.

The source water to be used is water from the public water supply for the City of Aztec, New Mexico.

The anticipated date of discharge is September 30, 2004.

c) Source and analysis of test water;

The test water will be obtained from the City of Aztec public water supply.

d) Point of discharge of the test water;

The test water will be discharged from the frac tanks to the ground surface in the SW/4 NE/4 of Section 27, Township 32N, Range 8W.

e) Method and location for collection and retention of fluids and solids;

Please refer to the Description of the test, above.

f) Depth of groundwater at discharge and collection/retention site;

The discharge is proposed to occur in Jaquez Canyon. There is one unnamed dry wash in the vicinity which drains to Rattlesnake/Pump Canyon and eventually to the San Juan River Basin located south approximately 11 miles. The surface gradient at the discharge site is gently sloping westward.

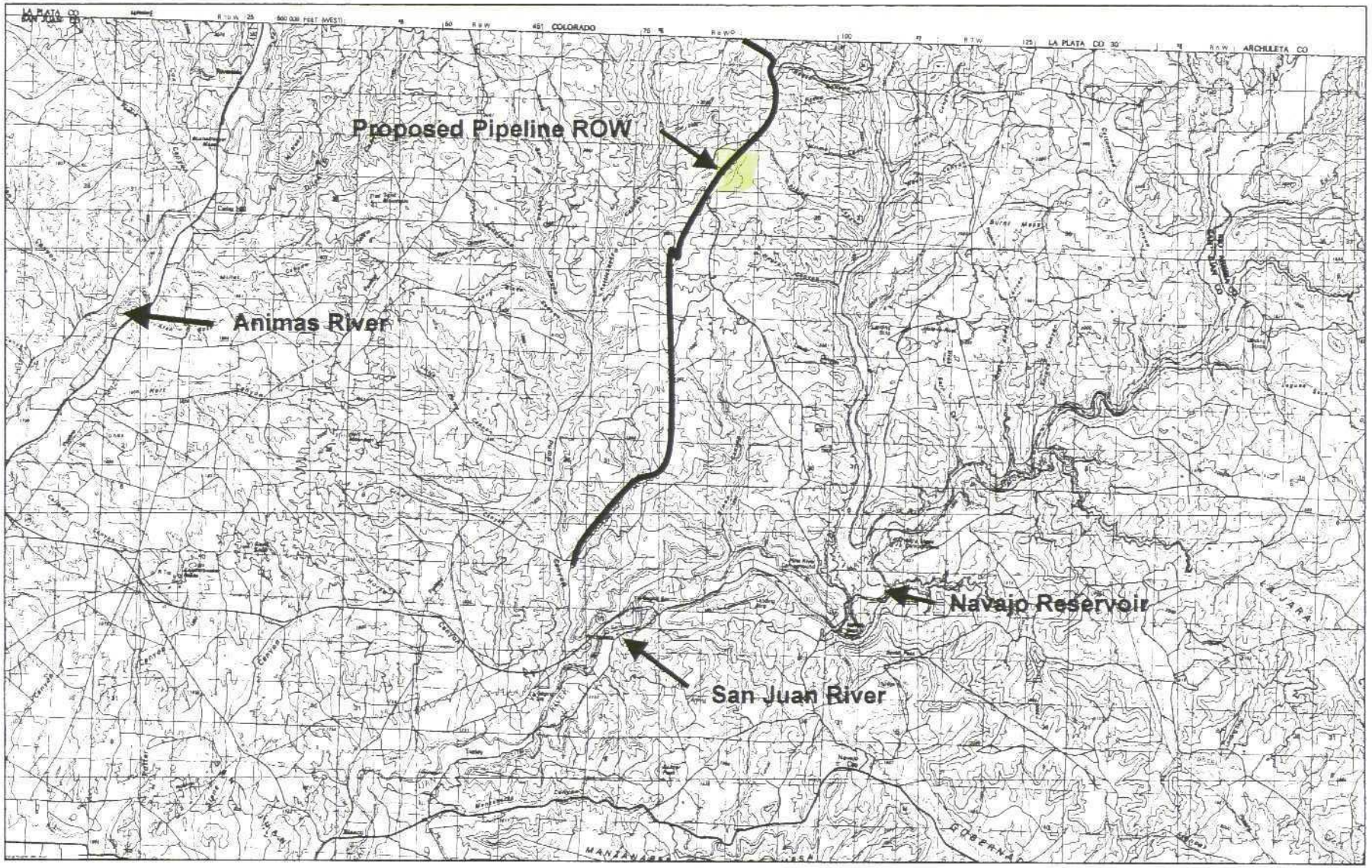
According to well records from the New Mexico Office of the State Engineer, two wells, completed in 2000 and 2002, are located within one (1) mile of the discharge site. The depth to groundwater according to the NMOSE was 230 – 375 feet below ground surface (bgs). The website reports are included as Insert 3. The approximate locations of the wells are included on Insert 2 based on the descriptions available.

g) Proposed method of disposal of fluids and solids after test completion including closure of any pits;

Solids will settle to the bottom of the frac tanks and be removed from the location. The water will be discharged from the frac tank through a filter bag which will act as a silt screen, to the surface.

h) Identification of land owners at and adjacent to the discharge and collection/retention site;

Duke Energy Field Services, LP is the land owner of the surface at the discharge point. It is anticipated that the discharge will be maintained on site. Diversionary structures will be constructed to insure the water does not drain west or southward from the discharge location.

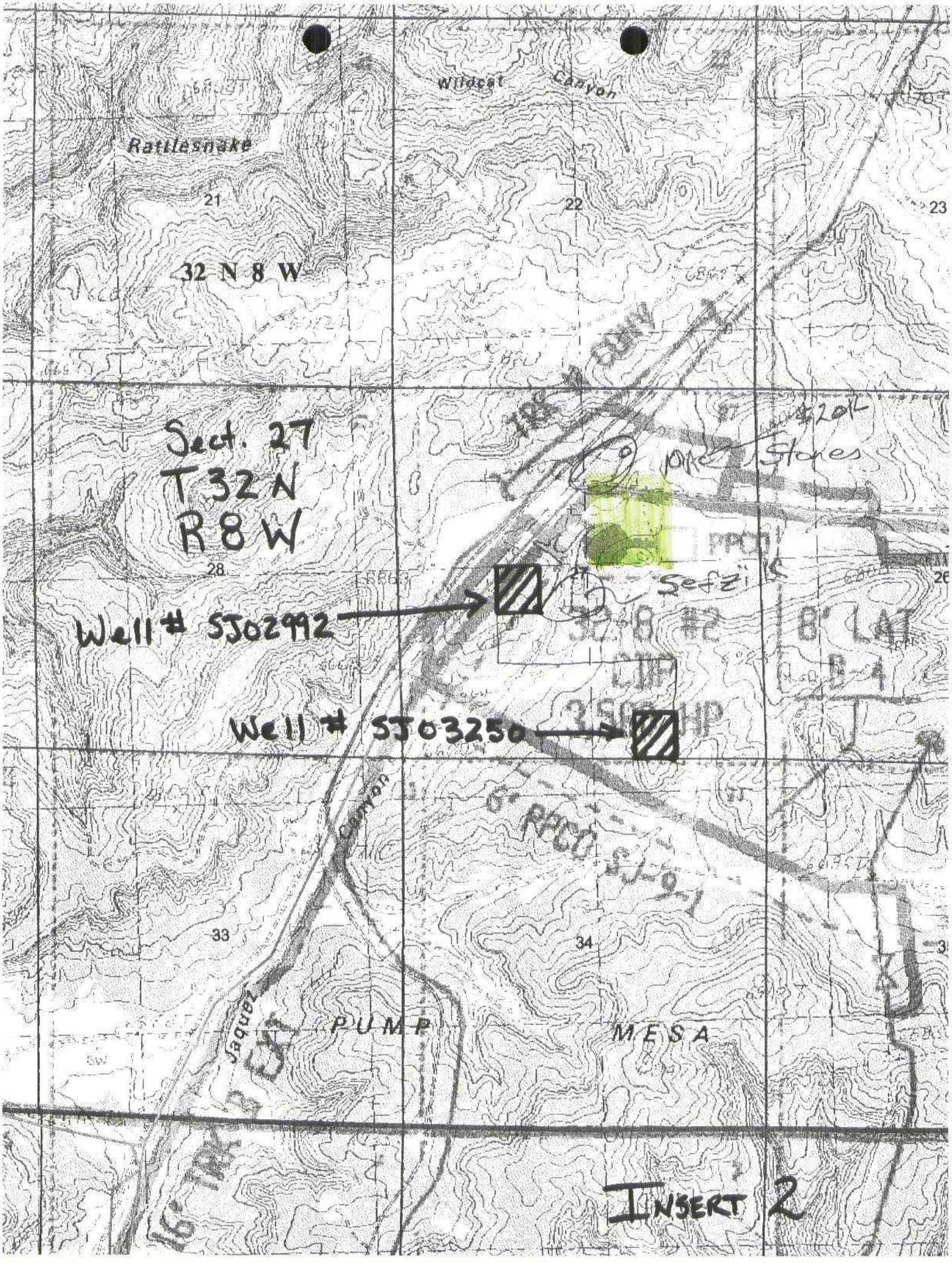


N

Red Cedar Gathering Pipeline SWPPP

Insert 1- Project Area Map

Project Mngr:	Melissa M. Housey	Terracon	Project No: 69047012
Designed By:	Jake Tanner		Scale: NOT TO SCALE
Approved By:			Date: 05-14-04
Checked By:			Drawn By:
File Name:			Figure No: 2


Wildcat Canyon
Rattlesnake
21
22
23
32 N 8 W
Sect. 27
T 32 N
R 8 W
28
27
26
Well # SJ02992
Well # SJ03250
Canyon
33
34
Jaquez
PUMP
MESA
INSERT 2

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 32N Range: 08W Sections: 27

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

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

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report | Clear Form | WATERS Menu | Help

WATER COLUMN REPORT 09/21/2004

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

Well Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Wate Colu
SJ 02992	32N	08W	27	3	2	1				330	230	1
SJ 03250	32N	08W	27	4	3	4				400	375	

Record Count: 2

INSERT 3