

7014 2870 0001 3119 1131

2401 Aztec NE – Z100  
Albuquerque, NM 87107  
P 505.241.2014  
F 505.241.2384  
PNMResources.com

ENTERED  
PNM Resources

August 25, 2015

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

RECEIVED  
AUG 27 2015

John Kieling  
Chief, Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6030

**RE: Person Generating Station (NMT 360010342) – Plugging and Abandonment Reports  
for the Closure of Thirteen Monitoring Wells**

Dear Mr. Kieling:

Pursuant to Section 3.6 of RCRA Post-Closure Care Permit No. NMT360010342 for the Public Service Company of New Mexico Person Generating Station, please find enclosed the final reports for the plugging and abandonment of the thirteen wells listed below.

Plugging and abandonment of the wells was completed in July 2015 and was conducted in accordance with the appropriate closure requirements. The PSMW 22-C and PSMW 22-800 wells were located on PNM property. The PSMW 25-C wells were located on Ethicon, Inc. property. All of these wells were no-longer-utilized monitoring wells.

PSMW 22-C (cluster wells consisting of 22-300, 22-400, 22-500, 22-600, 22-700, and 22-900)  
PSMW 22-800 (individual completion well)  
PSMW 25-C (cluster wells consisting of 25-400, 25-500, 25-600, 25-700, 25-800, and 25-900)

If you have any questions, please contact me at (505) 241-2014 or via email at john.hale@pnmresources.com.

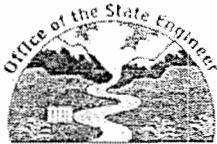
Sincerely,



John Hale, P.E.  
Technical Project Manager

Enclosures

cc: Brian Salem, NMED-HWB, District 1, 121 Tijeras, Ave. NE, Albuquerque, NM 87102-3400



# PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

### I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: Not permitted (well PSMW-22-800)

Well owner: PNM Resources Phone No.: 505-241-2014

Mailing address: 2401 Aztec NE-Z100

City: Albuquerque State: NM Zip code: 87107

### II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Rodgers & Co., Inc.
- 2) New Mexico Well Driller License No.: WD225 Expiration Date: 1/31/17
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jeff Watson
- 4) Date well plugging began: 7-6-15 Date well plugging concluded: 7-7-15
- 5) GPS Well Location: Latitude: 35 deg, 1 min, 37.75 sec  
Longitude: 106 deg, 38 min, 20.40 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 800 ft below ground level (bgl),  
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: 218 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 5-29-15
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

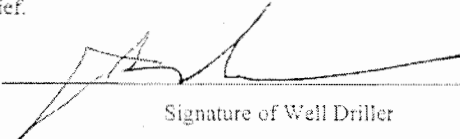
Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (ramie pipe, other)	Comments (“casing perforated first”, “open annular space also plugged”, etc.)
0	native fill				
2.5'	concrete cap	0.33 gal	0.33 gal	gravity	
3'	cement/bentonite grout	522 gal	522 gal	gravity	
4" well					
NO SCALE					
800'					

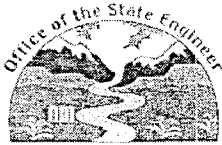
MULTIPLY	BY	AND OBTAIN
cubic feet x 7.4805	=	gallons
cubic yards x 201.97	=	gallons

**III. SIGNATURE:**

I, John Tanner, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

  
 \_\_\_\_\_  
 Signature of Well Driller

7-28-15  
 \_\_\_\_\_  
 Date



# PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

### I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: Not permitted (well PSMW-22-C)

Well owner: PNM Resources Phone No.: 505-241-2014

Mailing address: 2401 Aztec NE-Z100

City: Albuquerque State: NM Zip code: 87107

### II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Rodgers & Co., Inc.
- 2) New Mexico Well Driller License No.: WD225 Expiration Date: 1/31/17
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jeff Watson
- 4) Date well plugging began: 7-9-15 Date well plugging concluded: 7-10-15
- 5) GPS Well Location: Latitude: 35 deg, 1 min, 38.18 sec  
Longitude: 106 deg, 38 min, 20.41 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 307, 412 ft below ground level (bgl), 527, 612, 712, 917  
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: 214 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 5-29-15
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

---

---

---

---

---

---

---

---

---

---

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

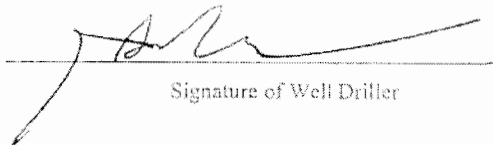
For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments (“casing perforated fast”, “open annular space also plugged”, etc.)
0	native fill				
2.5'	concrete cap	0.33 gal	0.33 gal	gravity	
3'	cement/bentonite grout	569.03 gal	569.03 gal	gravity	
2" well					
NO SCALE					
3,487'					
Total					

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

**III. SIGNATURE:**

I, John Tanner, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.



Signature of Well Driller

7-28-15  
Date



# PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

### I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: Not permitted (well PSMW-25-C)

Well owner: PNM Resources Phone No.: 505-241-2014

Mailing address: 2401 Aztec NE-Z100

City: Albuquerque State: NM Zip code: 87107

### II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Rodgers & Co., Inc.
- 2) New Mexico Well Driller License No.: WD225 Expiration Date: 1/31/17
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jeff Watson
- 4) Date well plugging began: 7-17-15 Date well plugging concluded: 7-17-15
- 5) GPS Well Location: Latitude: 35 deg, 1 min, 41.11 sec  
Longitude: 106 deg, 38 min, 14.66 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 422.587, 547.722, 627. ft below ground level (bgl),  
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: 230 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 5-29-15
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

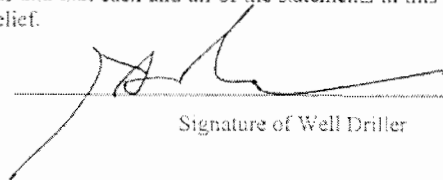
Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0	native fill				
2.5'	concrete cap	0.33 gal	0.33 gal	gravity	
3'	cement/bentonite grout	518.94 gal	518.94 gal	gravity	
2" well					
NO SCALE					
3,180'					
Total					

MULTIPLY	BY	AND OBTAIN
cubic feet x 7.4805	=	gallons
cubic yards x 201.97	=	gallons

**III. SIGNATURE:**

I, John Tanner, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

  
Signature of Well Driller

7-28-15  
Date