



Stantec Consulting Services Inc.  
11153 Aurora Avenue  
Des Moines, Iowa 50322  
Phone: (515) 253-0830  
Fax: (515) 253-9592

October 30, 2018

**File:** 193710221.200.003

Mr. Randy Bayliss  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**RE:** Well Closure Activities  
Hammond #41A Site  
NMOCD Case No. 3RP-186-0  
T27N, R08W, Sec 25, Unit O

Dear Mr. Bayliss:

On behalf of El Paso CGP Company, LLC (EPCGP), Stantec Consulting Services Inc. (Stantec) has prepared this letter to document well closure and site restoration activities completed at the above-referenced site (Site). The well closure activities were completed in response to the No Further Action (NFA) determination granted by the New Mexico Oil Conservation Division (NMOCD) in a letter dated June 23, 2018 (Attachment A). Other monitoring wells associated with the Site (MW-1, MW-2, and MW-3) were previously plugged and abandoned, and documentation of these activities was submitted to NMOCD.

Stantec marked the wells to be abandoned during a previous site visit and completed notifications to the Bureau of Land Management (BLM) in the form of a July 23, 2018 Site restoration work plan submittal. The NMOCD was notified of the planned well abandonment activities on September 20, 2018 (Attachment B). Utility locate notifications were completed through New Mexico 811 prior to beginning the well abandonment activities.

On September 25, 2018, Cascade Drilling (Cascade) completed plugging and abandonment activities for the eight remaining monitoring wells (MW-1R, MW-2R, MW-3R, and MW-4 through MW-8). Cascade abandoned the wells in accordance with the rules of the Office of the New Mexico State Engineer (NMOSE). No representatives of the NMOCD, NMOSE, BLM, or other visitors were on-site during the well plugging and abandonment activities.

Well plugging and abandonment activities consisted of plugging each well with bentonite-based grout to within three feet of the ground surface and cutting the well casing off at 1-foot below ground surface. The remainder of the below and above ground well casing and the above-grade protective casings for the wells were removed from the Site for either recycling or disposal as construction debris. The ground surface was graded with hand tools to be compatible with the surrounding ground surface. No fill soils were brought on-site for use in Site restoration. Photographic documentation of final site conditions is included as Attachment C.



October 30, 2018  
Mr. Joe Wiley  
Page 2 of 2

**Reference: Well Closure Activities**

An updated Site Plan Map is included as Figure 1. Copies of the completed Plugging Records, submitted to the NMOSE on November 10, 2017, are included as Attachment D.

Please feel free to contact Mr. Joseph Wiley, of EPCGP, at (713) 420-3475, or me, if you have any questions or require additional information.

Sincerely,

**Stantec Consulting Services Inc.**

Stephen R. Varsa  
Supervising Hydrogeologist  
Phone: (515) 251-1020  
Fax: (515) 253-9592  
steve.varsa@stantec.com

/s/v:leh:imd

Attachments: Figure 1 – Site Plan Map

Attachment A – NMOCD NFA Letter  
Attachment B – NMOCD Notice  
Attachment C – Photographic Log  
Attachment D – NMOSE Plugging Records

cc: Joseph Wiley, EPCGP  
Cory Smith, Vanessa Fields, NMOCD District 3  
Monica Tilden, BLM (Grant NMNM133840)

# Figures



**Stantec**





**LEGEND:**

5980 APPROXIMATE GROUND SURFACE  
CONTOUR AND ELEVATION, FEET

----- ACCESS ROAD

~~GAS~~ — NATURAL GAS LINE

 MONITORING WELL TO BE ABANDONED

 ABANDONED MONITORING WELL

 WELLHEAD

**▲ SMA BENCHMARK**

SCALE IN FEET

0 40 80

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	6/5/2018	SLG	SLG	SRV

TITLE:

## MONITORING WELL ABANDONMENT PLAN

PROJECT: **HAMMOND #41A**  
**SAN JUAN RIVER BASIN**  
**SAN JUAN COUNTY, NEW MEXICO**



Figure No.:

1



# Attachment A

NMOCD NFA Letter



**Stantec**

State of New Mexico  
Energy, Minerals and Natural Resources Department

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**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
Deputy Cabinet Secretary

**Heather Riley**, Division Director  
**Oil Conservation Division**



22 June 2018

Stephen Varsa, P.G.  
Supervising Hydrogeologist, Project Manager  
MWH, now part of Stantec  
11153 Aurora Avenue  
Des Moines, Iowa  
50322-7904

<b><u>Re:</u></b> <b><u>3RP #</u></b> <b>186</b>	<b><u>Site Name</u></b> <b>Hammond #41A</b>
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Mr. Varsa:

I have reviewed the files on the releases referenced above. The available information indicates El Paso CGP Company LLC (EPCGP) has met the requirements of 19.15.29-30 NMAC and no further corrective action is required. You are notified this referenced remediation is closed.

This finding by the OCD does not relieve EPCGP of responsibility if future information shows a threat to ground water, surface water, human health, or the environment. Further, it does not relieve EPCGP of responsibility for compliance with any federal, state, or local law.

Please properly plug remaining monitoring wells per requirements of the New Mexico Office of the State Engineer. Thanks.

Respectfully,

P.E., Hydrologist, District III

cc:        Joe Wiley EPCGP, Jim Griswold, Charlie Perrin, Brandon Powell, Cory Smith, Vanessa Fields

# **Attachment B**

NMOCD Notice

**From:** [Varsa, Steve](#)  
**To:** [Bayliss, Randolph, EMNRD](#)  
**Cc:** [Smith, Cory, EMNRD](#); [Fields, Vanessa, EMNRD](#); [Wiley, Joe](#); [Griswold, Jim, EMNRD](#)  
**Subject:** RE: 3RP-186 - Hammond #41A - Work Plan for Additional Monitoring Well Installation and Sampling Activities  
**Date:** Thursday, September 20, 2018 8:01:31 AM

---

Hi Randy – the monitoring well abandonment activities at the above-referenced site are to occur on Tuesday, September 25, 2018.

Please contact Joe Wiley, of El Paso CGP Company, at 713-420-3475, or me, if you have any questions.

Thank you,  
Steve

**Stephen Varsa, P.G.**  
Senior Hydrogeologist  
Stantec Environmental Services  
11153 Aurora Avenue  
Des Moines, Iowa 50322  
Direct: (515) 251-1020  
Cell: (515) 710-7523  
Office: (515) 253-0830  
[steve.varsa@stantec.com](mailto:steve.varsa@stantec.com)

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**From:** Bayliss, Randolph, EMNRD <[Randolph.Bayliss@state.nm.us](mailto:Randolph.Bayliss@state.nm.us)>  
**Sent:** Friday, June 22, 2018 11:17 AM  
**To:** Varsa, Steve <[steve.varsa@stantec.com](mailto:steve.varsa@stantec.com)>  
**Cc:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Fields, Vanessa, EMNRD <[Vanessa.Fields@state.nm.us](mailto:Vanessa.Fields@state.nm.us)>; Wiley, Joe <[Joe\\_Wiley@kindermorgan.com](mailto:Joe_Wiley@kindermorgan.com)>; Griswold, Jim, EMNRD <[Jim.Griswold@state.nm.us](mailto:Jim.Griswold@state.nm.us)>  
**Subject:** RE: 3RP-186 - Hammond #41A - Work Plan for Additional Monitoring Well Installation and Sampling Activities

Hi Steve

Your NFA is attached. Thanks.



Randolph Bayliss, P.E.  
Hydrologist, Districts III and IV  
NMOCD Environmental Bureau  
1220 S St Francis St, Santa Fe, NM 87505  
505-476-3084, Cell 575-840-5961





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**From:** Varsa, Steve [<mailto:steve.varsa@stantec.com>]  
**Sent:** Friday, June 15, 2018 4:48 PM  
**To:** Bayliss, Randolph, EMNRD <[Randolph.Bayliss@state.nm.us](mailto:Randolph.Bayliss@state.nm.us)>  
**Cc:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Fields, Vanessa, EMNRD <[Vanessa.Fields@state.nm.us](mailto:Vanessa.Fields@state.nm.us)>; Wiley, Joe <[Joe\\_Wiley@kindermorgan.com](mailto:Joe_Wiley@kindermorgan.com)>  
**Subject:** FW: 3RP-186 - Hammond #41A - Work Plan for Additional Monitoring Well Installation and Sampling Activities

Hi Randy –

Please find attached a letter report for the above-referenced site documenting the additional monitoring well installation and sampling activities. Based on the results of these activities, regulatory closure of this release is recommended.

Thank you,  
Steve

**Stephen Varsa, P.G.**  
Senior Hydrogeologist  
Stantec Environmental Services  
11153 Aurora Avenue  
Des Moines, Iowa 50322  
Direct: (515) 251-1020  
Cell: (515) 710-7523  
Office: (515) 253-0830  
[steve.varsa@stantec.com](mailto:steve.varsa@stantec.com)

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**From:** Varsa, Steve  
**Sent:** Monday, March 26, 2018 2:37 PM  
**To:** Bayliss, Randolph, EMNRD <[Randolph.Bayliss@state.nm.us](mailto:Randolph.Bayliss@state.nm.us)>  
**Cc:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Fields, Vanessa, EMNRD <[Vanessa.Fields@state.nm.us](mailto:Vanessa.Fields@state.nm.us)>; Wiley, Joe <[Joe\\_Wiley@kindermorgan.com](mailto:Joe_Wiley@kindermorgan.com)>  
**Subject:** FW: 3RP-186 - Hammond #41A - Work Plan for Additional Monitoring Well Installation and Sampling Activities

Hi Randy –

This correspondence is to inform you that intend to start Site activities at the above-referenced site on Thursday, March 29, 2018, with installation of the proposed well. Groundwater sampling of the

new well is expected to occur on Friday or over the weekend.

Thank you,  
Steve

**Stephen Varsa, P.G.**

Supervising Hydrogeologist  
MWH, now part of Stantec  
11153 Aurora Avenue  
Des Moines, Iowa 50322  
Direct: (515) 251-1020  
Cell: (515) 710-7523  
Office: (515) 253-0830  
[steve.varsa@stantec.com](mailto:steve.varsa@stantec.com)

---

**From:** Varsa, Steve

**Sent:** Monday, February 26, 2018 8:35 PM

**To:** Bayliss, Randolph, EMNRD <[Randolph.Bayliss@state.nm.us](mailto:Randolph.Bayliss@state.nm.us)>

**Cc:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Fields, Vanessa, EMNRD  
<[Vanessa.Fields@state.nm.us](mailto:Vanessa.Fields@state.nm.us)>; Wiley, Joe <[Joe\\_Wiley@kindermorgan.com](mailto:Joe_Wiley@kindermorgan.com)>

**Subject:** 3RP-186 - Hammond #41A - Work Plan for Additional Monitoring Well Installation and Sampling Activities

Hi Randy –

Please find attached the above-referenced work plan for your review and files. Activities at the Site are planned to be initiated the week of March 19, 2018.

Please feel free to contact Joseph Wiley or me if you have any questions or need additional information.

Thank you,  
Steve

**Stephen Varsa, P.G.**

Senior Hydrogeologist  
Stantec Environmental Services  
11153 Aurora Avenue  
Des Moines, Iowa 50322  
Direct: (515) 251-1020  
Cell: (515) 710-7523  
Office: (515) 253-0830  
[steve.varsa@stantec.com](mailto:steve.varsa@stantec.com)

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# **Attachment C**

Photographic Log





**Stantec**





<b>Client:</b>	El Paso CGP Company LLC	<b>Project:</b>	193710221
<b>Site Name:</b>	Hammond #41A	<b>Site Location:</b>	San Juan River Basin, New Mexico
<b>Photograph ID: 1</b>			
<b>Photo Location:</b> Hammond #41A			
<b>Direction:</b> East			
<b>Survey Date:</b> 9/25/2018			
<b>Comments:</b> Site Location			
<b>Photograph ID: 2</b>			
<b>Photo Location:</b> Hammond #41A			
<b>Direction:</b> West			
<b>Survey Date:</b> 9/25/2018			
<b>Comments:</b> MW-1R Final Conditions			



<b>Client:</b>	<b>El Paso CGP Company LLC</b>	<b>Project:</b>	<b>193710221</b>
<b>Site Name:</b>	<b>Hammond #41A</b>	<b>Site Location:</b>	<b>San Juan River Basin, New Mexico</b>
<b>Photograph ID: 3</b>			
<b>Photo Location:</b> Hammond #41A			
<b>Direction:</b> Southeast			
<b>Survey Date:</b> 9/25/2018			
<b>Comments:</b> MW-3R Final Conditions			
<b>Photograph ID: 4</b>			
<b>Photo Location:</b> Hammond #41A			
<b>Direction:</b> South			
<b>Survey Date:</b> 9/25/2018			
<b>Comments:</b> MW-5 Final Conditions			



<b>Client:</b>	<b>El Paso CGP Company LLC</b>	<b>Project:</b>	<b>193710221</b>
<b>Site Name:</b>	<b>Hammond #41A</b>	<b>Site Location:</b>	<b>San Juan River Basin, New Mexico</b>
<b>Photograph ID: 5</b>			
<b>Photo Location:</b> Hammond #41A			
<b>Direction:</b> Southeast			
<b>Survey Date:</b> 9/25/2018			
<b>Comments:</b> MW-7 Final Conditions			
<b>Photograph ID: 6</b>			
<b>Photo Location:</b> Hammond #41A			
<b>Direction:</b> West			
<b>Survey Date:</b> 9/25/2018			
<b>Comments:</b> MW-8 Final Conditions			



<b>Client:</b>	<b>El Paso CGP Company LLC</b>	<b>Project:</b>	<b>193710221</b>
<b>Site Name:</b>	<b>Hammond #41A</b>	<b>Site Location:</b>	<b>San Juan River Basin, New Mexico</b>
<b>Photograph ID: 7</b>			
<b>Photo Location:</b> Hammond #41A			
<b>Direction:</b> North			
<b>Survey Date:</b> 9/25/2018			
<b>Comments:</b> Removed well completion materials (removed from site for recycling)			
<b>Photograph ID: 8</b>			
<b>Photo Location:</b> Hammond #41A			
<b>Direction:</b> Northeast			
<b>Survey Date:</b> 9/25/2018			
<b>Comments:</b> Removed well completion materials (removed from site for disposal)			

# Attachment D

NMOSE Plugging Records



**Stantec**



# 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: SJ-4194 POD 1 ( MW-1R ) Hammond #41 Site

Well owner: El Paso CGP Company L.L.C. Attn: Mr. Joseph Wiley

Phone No.: ( 713 ) 420-3475

Mailing address: 1001 Louisiana Street, Room 757A

City: Houston

State: TX

Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling LP
- 2) New Mexico Well Driller License No.: WD1210 Expiration Date: 10.31.2019
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Matthew Cain
- 4) Date well plugging began: 9.25.2018 Date well plugging concluded: 9.25.2018
- 5) GPS Well Location: Latitude: 36 deg, 32 min, 24.91 sec  
Longitude: -107 deg, 37 min, 55.67 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 32 ft below ground level (bgl),  
by the following manner: Tagger Tape
- 7) Static water level measured at initiation of plugging: 15 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4.27.2016
- 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):

Well was plugged according to state regulations. Using Portland / Bentonite slurry. All well vaults and bollards removed.



MW 1A Hammond

- 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 )
	.5" Soil	.185.	4.8	Yes	Tremied from bottom up
	.5" Concrete Plug	.185			
30'		13 Gallons Approximate			

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

### III. SIGNATURE:

I, Matthew Cain, 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

10-19-18

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: SJ-4194 POD 2 ( MW-2R ) Hammond #41 Site

Well owner: El Paso CGP Company L.L.C. Attn: Mr. Joseph Wiley

Phone No.: ( 713 ) 420-3475

Mailing address: 1001 Louisiana Street, Room 757A

City: Houston State: TX Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling LP
- 2) New Mexico Well Driller License No.: WD1210 Expiration Date: 10.31.2019
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Matthew Cain
- 4) Date well plugging began: 9.25.2018 Date well plugging concluded: 9.25.2018
- 5) GPS Well Location: Latitude: 36 deg, 32 min, 25.40 sec  
Longitude: -107 deg, 37 min, 55.55 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 30 ft below ground level (bgl),  
by the following manner: Tagger Tape
- 7) Static water level measured at initiation of plugging: 15 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4.27.2016
- 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):

Well was plugged according to state regulations. Using Portland / Bentonite slurry. All well vaults and bollards removed.

MW 2R Hummoncl

- 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 )
	.5" Soil	.185.	4.8	Yes	Tremied from bottom up
	.5" Concrete Plug	.185			
30'		10 Gallons Approximate			

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

### III. SIGNATURE:

I, Matthew Cain, 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

10-19-18

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: SJ-4194 POD 3 ( MW-3R ) Hammond #41 Site

Well owner: El Paso CGP Company L.L.C. Attn: Mr. Joseph Wiley

Phone No.: ( 713 ) 420-3475

Mailing address: 1001 Louisiana Street, Room 757A

City: Houston State: TX Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling LP
- 2) New Mexico Well Driller License No.: WD1210 Expiration Date: 10.31.2019
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Matthew Cain
- 4) Date well plugging began: 9.25.2018 Date well plugging concluded: 9.25.2018
- 5) GPS Well Location: Latitude: 36 deg, 32 min, 24.64 sec  
Longitude: -107 deg, 37 min, 56.43 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 30 ft below ground level (bgl),  
by the following manner: Tagger Tape
- 7) Static water level measured at initiation of plugging: 15 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4.27.2016
- 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):

Well was plugged according to state regulations. Using Portland / Bentonite slurry. All well vaults and bollards removed.



MW3R Hammond

- 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 )
	.5" Soil .5" Concrete Plug	.185 .185	4.8	Yes	Tremied from bottom up
30'		10 Gallons Approximate			

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

### III. SIGNATURE:

I, Matthew Cain, 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

10-19-18

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: SJ-4194 POD 4 ( MW-4 ) Hammond #41 Site

Well owner: El Paso CGP Company L.L.C. Attn: Mr. Joseph Wiley

Phone No.: ( 713 ) 420-3475

Mailing address: 1001 Louisiana Street, Room 757A

City: Houston State: TX Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling LP
- 2) New Mexico Well Driller License No.: WD1210 Expiration Date: 10.31.2019
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Matthew Cain
- 4) Date well plugging began: 9.25.2018 Date well plugging concluded: 9.25.2018
- 5) GPS Well Location: Latitude: 36 deg, 32 min, 25.32 sec  
Longitude: -107 deg, 37 min, 55.97 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 30 ft below ground level (bgl),  
by the following manner: Tagger Tape
- 7) Static water level measured at initiation of plugging: 17 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4.27.2016
- 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):

Well was plugged according to state regulations. Using Portland / Bentonite slurry. All well vaults and bollards removed.

MW4 Hammond

- 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 )
	.5" Soil .5" Concrete Plug	.185. .185	4.8	Yes	Tremied from bottom up
30'		11 Gallons Approximate			

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

### III. SIGNATURE:

I, Matthew Cain, 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

10-19-18  
\_\_\_\_\_  
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: SJ-4194 POD 5 ( MW-5 ) Hammond #41 Site

Well owner: El Paso CGP Company L.L.C. Attn: Mr. Joseph Wiley

Phone No.: ( 713 ) 420-3475

Mailing address: 1001 Louisiana Street, Room 757A

City: Houston State: TX Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling LP
- 2) New Mexico Well Driller License No.: WD1210 Expiration Date: 10.31.2019
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Matthew Cain
- 4) Date well plugging began: 9.25.2018 Date well plugging concluded: 9.25.2018
- 5) GPS Well Location: Latitude: 36 deg, 32 min, 24.99 sec  
Longitude: -107 deg, 37 min, 56.23 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 30 ft below ground level (bgl),  
by the following manner: Tagger Tape
- 7) Static water level measured at initiation of plugging: 15 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4.27.2016
- 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):

Well was plugged according to state regulations. Using Portland / Bentonite slurry. All well vaults and bollards removed.



MWS Hammond

- 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 )
	.5" Soil	.185	4.8	Yes	Tremied from bottom up
	.5" Concrete Plug	.185			
30'		8 Gallons Approximate			

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

### III. SIGNATURE:

I, Matthew Cain, 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

10-19-18

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: SJ-4194 POD 6 ( MW-6 ) Hammond #41 Site

Well owner: El Paso CGP Company L.L.C. Attn: Mr. Joseph Wiley

Phone No.: ( 713 ) 420-3475

Mailing address: 1001 Louisiana Street, Room 757A

City: Houston

State: TX

Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling LP
- 2) New Mexico Well Driller License No.: WD1210 Expiration Date: 10.31.2019
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Matthew Cain
- 4) Date well plugging began: 9.25.2018 Date well plugging concluded: 9.25.2018
- 5) GPS Well Location: Latitude: 36 deg, 32 min, 24.60 sec  
Longitude: -107 deg, 37 min, 55.53 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 30 ft below ground level (bgl),  
by the following manner: Tagger Tape
- 7) Static water level measured at initiation of plugging: 15 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4.27.2016
- 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):

Well was plugged according to state regulations. Using Portland / Bentonite slurry. All well vaults and bollards removed.

MW 4 Hummnd

- 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.)
	.5" Soil .5" Concrete Plug	.185. .185	4.8	Yes	Tremied from bottom up
30'		9 Gallons Approximate			

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

**III. SIGNATURE:**

I, Matthew Cain, 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

Date

10-19-18





# 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: SJ-4194 POD 7 ( MW-7 ) Hammond #41 Site

Well owner: El Paso CGP Company L.L.C. Attn: Mr. Joseph Wiley

Phone No.: ( 713 ) 420-3475

Mailing address: 1001 Louisiana Street, Room 757A

City: Houston

State: TX

Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling LP
- 2) New Mexico Well Driller License No.: WD1210 Expiration Date: 10.31.2019
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Matthew Cain
- 4) Date well plugging began: 9.25.2018 Date well plugging concluded: 9.25.2018
- 5) GPS Well Location: Latitude: 36 deg, 32 min, 25.03 sec  
Longitude: -107 deg, 37 min, 55.19 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 30 ft below ground level (bgl),  
by the following manner: Tagger Tape
- 7) Static water level measured at initiation of plugging: 15 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 4.27.2016
- 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):

Well was plugged according to state regulations. Using Portland / Bentonite slurry. All well vaults and bollards removed.

MW 7 Hamming

- 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.)
	.5" Soil	.185	4.8	Yes	Tremied from bottom up
	.5" Concrete Plug	.185			
30'		14 Gallons Approximate			

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

### III. SIGNATURE:

I, Matthew Cain, 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

10-19-18

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: SJ-4194 POD 8 ( MW-8 ) Hammond #41 Site

Well owner: El Paso CGP Company L.L.C. Attn: Mr. Joseph Wiley

Phone No.: ( 713 ) 420-3475

Mailing address: 1001 Louisiana Street, Room 757A

City: Houston State: TX Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling LP
- 2) New Mexico Well Driller License No.: WD1210 Expiration Date: 10.31.2019
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Matthew Cain
- 4) Date well plugging began: 9.25.2018 Date well plugging concluded: 9.25.2018
- 5) GPS Well Location: Latitude: 36 deg, 32 min, 25.68 sec  
Longitude: -107 deg, 37 min, 56.37 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 31 ft below ground level (bgl),  
by the following manner: Tagger Tape
- 7) Static water level measured at initiation of plugging: 15 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 3.21.2018
- 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):

Well was plugged according to state regulations. Using Portland / Bentonite slurry. All well vaults and bollards removed.



MW8 Hammond

- 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.)
	.5" Soil	.185	4.8	Yes	Tremied from bottom up
	.5" Concrete Plug	.185			
30'		11 Gallons Approximate			

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

**III. SIGNATURE:**

I, Matthew Cain, 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

10-19-18  
Date