

Subject Property: Dechant
Update to Existing Facility ID 437251

NE ¼, SE ¼, Sec 36, T3N, R65W
Weld County Road 49
Weld County, Fort Lupton, Colorado

This Exploration & Production (E&P) Waste Management Plan outlines the operational requirements for applying water-based bentonitic drilling fluids and associated drill cuttings to privately owned agricultural land to maintain compliance with COGCC Rule 907.d. (3). Only water-based bentonitic drilling fluids and associated drill cuttings generated by NGL Energy Partners LP (NGL) are covered by this plan. The drilling fluids and drill cuttings will be applied to the agricultural cropland and adjacent non-crop land as a beneficial soil amendment and as a conservation method to prevent soil erosion. A topographic map showing the site location is provided as Figure 1. An aerial photograph showing the location of the proposed land application site is provided as Figure 2. The E&P Waste Management Plan is outlined as follows:

1. NGL will certify this plan by signing said plan and certifying compliance with the contents of this plan (Attachment A).
2. NGL shall obtain written authorization from the surface owner prior to land application of the water-based bentonitic drilling fluids and associated drill cuttings (Attachment B). The property located at Latitude: 40.179378, Longitude: -104.605435 is used for dry land agriculture with some irrigated cropland.
3. The agreement certifies that only water-based bentonitic drilling fluids and associated drill cuttings will be applied at this site:
 - No other E&P waste shall be deposited at this site.
 - All water based bentonitic drilling fluids generated from drilling operations will be hauled from the rig to the liquid spread area where it is spread in a north to south orientation (Figure 2).
 - Water based bentonitic drilling fluids and drill cuttings will be generated from the following NGL wells: C2C, C2D and C3B.
4. Water based bentonitic fluids and associated drill cuttings will be applied and spread at a minimum distance of approximately 50 feet from each property boundary to provide an adequate buffer between the application site and surrounding properties.

5. A 3-inch maximum lift of water-based bentonitic drilling fluids and associated drill cuttings will be applied prior to incorporation. The waste shall be applied to prevent ponding or erosion.
6. CGRS performed a database records search for water wells near the spread field. Figure No. 3 indicates there are five water wells within one quarter mile of the spread area. Only one out of the five wells exists and the depth to groundwater is at approximately 10 feet. The other wells on the map were never constructed or have been abandoned. Figure 3 also shows four wells near the cuttings staging area but there are only two water wells that exist with an approximate depth to water of 15 - 23 feet. Due to the static water level and the physical locations of the water wells in the area there is minimal chance for impacts to the groundwater from spreading activities. See attachment D for water well details and information.
7. Based on research conducted using the COGCC GIS Online map it was determined the site is not in a mapped Sensitive Wildlife Habitat Area or a Restricted Surface Occupancy Area (Figure 4).
8. High visibility pink colored retro-reflective tape and numerous large wooden stakes marked with the operator's identification placed along the transport route and at the spread areas will serve to notify the public and prevent unauthorized dumping or access.
9. NGL personnel, in conjunction with Kinetic Energy Services, LLC will ensure that the material is incorporated into the soil within 10 days, unless adverse weather conditions are encountered or after the crops have been harvested (site and weather conditions permitting). The cuttings will be staged on a small parcel of land located north of the spread field area on Dechant property pending appropriate agricultural and weather conditions (Figure 2).

Furthermore, if the cuttings freeze there will need to be a minimum of 15 consecutive days of above 50 degree temperatures before the cuttings can be spread. Every reasonable effort will be made to comply with the 10 day policy.

10. NGL will maintain records of the following information:
 - Name of the well where material was generated.
 - Date the material was transferred from the well to the land application site.

- Volume of the material taken to the land application site (anticipating approximately 2,340 cubic yards of soil cuttings & approximately 780 BBLs of drilling mud per year)
- Name of the transporter.

11. Soil sampling:

- Baseline soil samples will be collected by Kinetic Energy Services, LLC personnel and analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), inorganic analyses including electrical conductivity (EC), sodium adsorption ratio (SAR), and pH, and analyses of COGCC Table 910-1 priority metals.
- Samples were collected from the cuttings spread field (north side and south side). The composite baseline soil samples collected on March 2, 2016, by Kinetic Energy Services, LLC revealed that the spread areas are not considered sensitive areas as the analyses shows all parameters with the exception of arsenic, are within acceptable limits according to COGCC Table 910-1. Background arsenic concentrations in soil across the state of Colorado can be at an average of 11 mg/kg based on land use¹. The NGL background Northside and Southside spread fields indicate 3.67 mg/kg and 9.56 mg/kg arsenic concentrations, respectively.
- Following incorporation of the drilling mud, representative soil sample(s) will be collected by Kinetic Energy Services, LLC personnel from an interval of 0-12 inches below ground surface (bgs).
- At a minimum, post incorporation soil samples will be analyzed for TEPH-TVPH, BTEX, EC, SAR, pH, and Table 910-1 priority metals to ensure compliance with COGCC Table 910-1.
- In addition to the baseline soil sampling, Kinetic Energy Services, LLC will provide annual soil sampling and any supplementary soil maintenance on an as-needed basis and ensure that the land application site is compliant per COGCC regulations.

12. Water-based bentonitic drilling fluids and associated drill cuttings will be applied at this site for a maximum period of three years.

13. Upon closure of the site, NGL or Kinetic Energy Services, LLC will submit a Form 4 Sundry Notice providing final confirmation soil sample(s) data and request closure for this site.

¹ *Colorado Department of Public Health and Environment; Arsenic Concentrations in Soil – Risk management guidance for evaluating (reviewed/revised July 2014)*

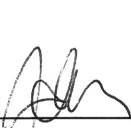
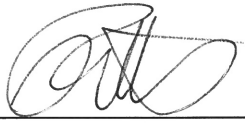
Exploration & Production Waste Management Plan
Land Application & Incorporation of Water-Based Bentonitic Drilling Fluids
& Associated Drill Cuttings
NGL Energy Partners LP

ATTACHMENT A
PLAN CERTIFICATION

Management Approval Statement:

This Exploration & Production (E&P) Waste Management Plan is fully supported by the management of NGL Energy Partners LP (NGL). NGL is committed to the protection of surficial and subsurface environments, waters of the State, and public health, and maintains the highest standards for tracking drilling fluid applications, site subsurface monitoring, sampling and compliance with Colorado Oil and Gas Conservation Commission (COGCC) regulations. NGL ensures that E&P waste is properly stored, handled, transported, treated, recycled or disposed of to prevent threatened or actual adverse environmental impacts to air, water, soil or biological resources or to the extent necessary to comply with the concentration levels outlined in COGCC Table 910-1.

NGL will implement this Plan at the referenced facility and will provide the means necessary to control impact to the environment as a result of the application of water based bentonitic drilling fluids and associated drilling cuttings as surficial soil amendments.

  Date: 3-10-16

NGL Energy Partners LP owner or authorized agent Signature

Joshua Patterson

Printed Name

Exploration & Production Waste Management Plan
Land Application & Incorporation of Water-Based Bentonitic Drilling Fluids
& Associated Drill Cuttings
NGL Energy Partners LP

Attachments

Attachment A: Plan Certification

Attachment B: Surface Owner Approval

Attachment C: Baseline Soil Sample Analytical Results and Chain of Custodies

Attachment D: Division of Water Resources Water Well Boring Logs

Figures

Figure 1: Topographic Map

Figure 2: Site Conditions Map

Figure 3: Division of Water Resources Water Wells

Figure 4: Sensitive Wildlife Habitat and Restricted Surface Occupancy Areas

ATTACHMENT B

SURFACE OWNER APPROVAL

PLSS Location: NE ¼, SE ¼, Sec. 36, T3N, R65W

Address: Weld County Road 49

Weld County, Fort Lupton, Colorado

The owner or authorized agent of the referenced property located in the NE ¼, SE ¼, Sec. 36, T3N, R65W , Colorado, onto which NGL Energy Partners LP (NGL) proposes to apply water based bentonitic drilling fluids and associated drill cuttings, authorizes the application of the drilling fluids onto the referenced property. The surface owner is fully aware and understands COGCC land application requirements as outlined in this plan, and formally stated in COGCC Regulation 907 d. (3) B. The property owner hereby authorizes NGL to commence land treatment applications on said property until subsequent written agreement has been completed terminating this authorization.

Alvin Dechant Date: 3-10-16

Property owner or authorized agent Signature

Alvin Dechant

Property owner Printed Name

ATTACHMENT C

BASELINE SOIL SAMPLE ANALYTICAL RESULTS AND CHAIN OF CUSTODIES

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

March 04, 2016

Shad Martin

Kinetic Energy

PO Box 1625

Loveland, CO 80539

RE: Dechant Farms C3B, C2C & C2D NGL Disposal

Wells

Enclosed are the results of analyses for samples received by Summit Scientific on 03/02/16 13:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "M Clements", with a stylized flourish at the end.

Michelle Clements For Paul Shrewsbury
President



Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Northside 3point Comp	1603022-01	Soil	03/02/16 10:00	03/02/16 13:45
Southside 3point Comp	1603022-02	Soil	03/02/16 10:00	03/02/16 13:45

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Summit Scientific 1603022

741 Corporate Circle, Suite J ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933

Page 1 of 1

Client: Kinetic Hydrovac Project Manager: Shad Martin
Address: 1189 S Quentine Ave E-Mail: Shad.martin@kinetichydrovac.com
City/State/Zip: Milliken CO 80543
Phone: 720.552.1221 Fax: _____ Project Name: Dechant Farms **C3B, C2C & C2D**
Sampler Name: Dechant Farms C3B, C2C & C2D NGL Disposal Wells Project Number: _____ NGL Disposal Wells

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Special Instructions	
					HCl	HNO3	None	Other (Specify)	Groundwater	Soil	Air-Canister #	Other (Specify)	Q10 No PA #				
1	Northeast 3point comp	3.2.16	10:00	1			X			X							
2	Southside 3point comp	3.2.16	10:00	1			X			X							
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Relinquished by: <u>Chad K. Gorman</u>	Date/Time: <u>3-2-16 1345</u>	Received by: <u>[Signature]</u>	Date/Time: <u>3-2-16 1345</u>	Turn Around Time (Check) Same Day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/>	Notes:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: <u>23.1</u> Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Relinquished by:	Date/Time:	Received by:	Date/Time:		

www.s2scientific.com

Summit Scientific

M. Clements

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

**Northside 3point Comp
1603022-01 (Soil)**

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1603033	03/03/16	03/03/16	8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		103 %	70-130		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1603034	03/03/16	03/03/16	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %	21-167		"	"	"	"	

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	3.67	0.104	mg/kg dry	1	1603041	03/04/16	03/04/16	EPA 6020A	

Summit Scientific

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Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

**Northside 3point Comp
1603022-01 (Soil)**

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Barium	746	0.104 mg/kg dry	1	1603041	03/04/16	03/04/16	EPA 6020A
Boron	4.29	1.04 "	"	"	"	"	"
Cadmium	0.292	0.104 "	"	"	"	"	"
Chromium	7.37	0.518 "	"	"	"	"	"
Copper	23.9	0.518 "	"	"	"	"	"
Lead	9.10	0.104 "	"	"	"	"	"
Nickel	7.73	0.104 "	"	"	"	"	"
Selenium	3.87	0.0518 "	"	"	"	"	"
Silver	0.835	0.104 "	"	"	"	"	"
Zinc	53.1	10.4 "	"	"	"	"	"

Total Mercury by EPA Method 7471

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.0518	mg/kg dry	1	1603039	03/04/16	03/04/16	EPA 7471	

Hexavalent Chromium by EPA 7196

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.300	mg/kg dry	1	1603037	03/04/16	03/04/16	EPA 7196	

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trivalent Chromium	7.37	0.829	"	"	[CALC]	03/04/16	"	EPA 7196/3060A	

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Northside 3point Comp
1603022-01 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Analyte	Result	Concentration	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	161	8.96	mg/kg dry	1	1603040	03/04/16	03/04/16	EPA 6020/Mod. USDA60 6(2, 3A)	
Magnesium	31.3	4.48	"	"	"	"	"	"	
Sodium	22.3	4.48	"	"	"	"	"	"	

Date Sampled: 03/02/16 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.421		units	"	1603048	03/04/16	03/04/16	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 03/02/16 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.309	0.0100	mmhos/cm	1	1603024	03/02/16	03/02/16	SM 2510B	

Date Sampled: 03/02/16 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.04	0.100	pH Units	"	1603023	03/02/16	03/02/16	EPA 9045	

Date Sampled: 03/02/16 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	96.5		%	"	1603042	03/04/16	03/04/16	% calculation	

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Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

**Southside 3point Comp
1603022-02 (Soil)**

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	260	50	mg/kg	1	1603033	03/03/16	03/03/16	8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		118 %	70-130		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1603034	03/03/16	03/03/16	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	9.56	0.109	mg/kg dry	1	1603041	03/04/16	03/04/16	EPA 6020A	
Barium	387	0.109	"	"	"	"	"	"	

Summit Scientific

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Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

**Southside 3point Comp
1603022-02 (Soil)**

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Boron	4.44	1.09 mg/kg dry	1	1603041	03/04/16	03/04/16	EPA 6020A
Cadmium	0.979	0.109 "	"	"	"	"	"
Chromium	12.4	0.545 "	"	"	"	"	"
Copper	24.9	0.545 "	"	"	"	"	"
Lead	12.4	0.109 "	"	"	"	"	"
Nickel	23.8	0.109 "	"	"	"	"	"
Selenium	2.72	0.0545 "	"	"	"	"	"
Silver	0.183	0.109 "	"	"	"	"	"
Zinc	79.7	10.9 "	"	"	"	"	"

Total Mercury by EPA Method 7471

Date Sampled: 03/02/16 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	0.0546	0.0445	mg/kg dry	1	1603039	03/04/16	03/04/16	EPA 7471	

Hexavalent Chromium by EPA 7196

Date Sampled: 03/02/16 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.300	mg/kg dry	1	1603037	03/04/16	03/04/16	EPA 7196	

Date Sampled: 03/02/16 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trivalent Chromium	12.4	0.872	"	"	[CALC]	03/04/16	"	EPA 7196/3060A	

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: 03/02/16 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Reported:
03/04/16 16:56

**Southside 3point Comp
1603022-02 (Soil)**

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Calcium	555	8.36 mg/kg dry	1	1603040	03/04/16	03/04/16	EPA 6020/Mod. USDA60 6(2, 3A)
Magnesium	87.4	4.18	"	"	"	"	"
Sodium	247	4.18	"	"	"	"	"

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.57		units	"	1603048	03/04/16	03/04/16	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.794	0.0100 mmhos/cm		1	1603024	03/02/16	03/02/16	SM 2510B	

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.52	0.100 pH Units		"	1603023	03/02/16	03/02/16	EPA 9045	

Date Sampled: **03/02/16 10:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.7		%	"	1603042	03/04/16	03/04/16	% calculation	

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Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603033 - EPA 3550A

Blank (1603033-BLK1)

Prepared & Analyzed: 03/03/16

C10-C28 (DRO)	ND	50	mg/kg
C28-C36 (ORO)	ND	50	"

Surrogate: o-Terphenyl	12.5	"	12.5	100	70-130
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LCS (1603033-BS1)

Prepared & Analyzed: 03/03/16

C10-C28 (DRO)	444	50	mg/kg	499	89.1	50-150
Surrogate: o-Terphenyl	13.1	"	12.5	105	70-130	

Matrix Spike (1603033-MS1)

Source: 1603022-01

Prepared & Analyzed: 03/03/16

C10-C28 (DRO)	436	50	mg/kg	468	23.8	88.1	50-150
Surrogate: o-Terphenyl	13.1	"	11.7	112	70-130		

Matrix Spike Dup (1603033-MSD1)

Source: 1603022-01

Prepared & Analyzed: 03/03/16

C10-C28 (DRO)	441	50	mg/kg	476	23.8	87.6	50-150	1.10	20
Surrogate: o-Terphenyl	12.3	"	11.9	103	70-130				

Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603034 - EPA 5030 Soil MS

Blank (1603034-BLK1)

Prepared & Analyzed: 03/03/16

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0423		"	0.0396	107	23-173				
Surrogate: Toluene-d8	0.0399		"	0.0400	99.8	20-170				
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400	99.8	21-167				

LCS (1603034-BS1)

Prepared & Analyzed: 03/03/16

Benzene	0.0823	0.0020	mg/kg	0.100	82.3	58-130				
Toluene	0.0893	0.0050	"	0.100	89.3	61-134				
Ethylbenzene	0.103	0.0050	"	0.0992	104	74-139				
m,p-Xylene	0.202	0.010	"	0.200	101	73-137				
o-Xylene	0.100	0.0050	"	0.0984	102	73-141				
Xylenes (total)	0.303	0.0050	"			30-150				
Gasoline Range Hydrocarbons	3.34	0.50	"			30-150				
Surrogate: 1,2-Dichloroethane-d4	0.0415		"	0.0396	105	23-173				
Surrogate: Toluene-d8	0.0398		"	0.0400	99.6	20-170				
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400	101	21-167				

Matrix Spike (1603034-MS1)

Source: 1603022-01

Prepared & Analyzed: 03/03/16

Benzene	0.0817	0.0020	mg/kg	0.0978	ND	83.5	30-131			
Toluene	0.0865	0.0050	"	0.0978	ND	88.4	30-134			
Ethylbenzene	0.0986	0.0050	"	0.0971	ND	102	22-153			
m,p-Xylene	0.194	0.010	"	0.195	ND	99.3	10-159			
o-Xylene	0.0976	0.0050	"	0.0963	ND	101	31-151			
Xylenes (total)	0.292	0.0050	"		ND		30-150			
Gasoline Range Hydrocarbons	3.30	0.50	"		ND		30-150			
Surrogate: 1,2-Dichloroethane-d4	0.0419		"	0.0387	108	23-173				
Surrogate: Toluene-d8	0.0383		"	0.0391	97.9	20-170				
Surrogate: 4-Bromofluorobenzene	0.0384		"	0.0391	98.2	21-167				

Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603034 - EPA 5030 Soil MS

Matrix Spike Dup (1603034-MSD1)		Source: 1603022-01			Prepared: 03/03/16		Analyzed: 03/04/16			
Benzene	0.0848	0.0020	mg/kg	0.0996	ND	85.2	30-131	3.77	34	
Toluene	0.0895	0.0050	"	0.0996	ND	89.8	30-134	3.39	30	
Ethylbenzene	0.100	0.0050	"	0.0988	ND	102	22-153	1.93	24	
m,p-Xylene	0.198	0.010	"	0.199	ND	99.7	10-159	2.23	68	
o-Xylene	0.0985	0.0050	"	0.0980	ND	101	31-151	0.931	38	
Xylenes (total)	0.297	0.0050	"		ND		30-150	1.80	20	
Gasoline Range Hydrocarbons	3.28	0.50	"		ND		30-150	0.469	20	
Surrogate: 1,2-Dichloroethane-d4	0.0433		"	0.0394		110	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0398		99.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0389		"	0.0398		97.6	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603041 - EPA 3050B

Blank (1603041-BLK1)

Prepared & Analyzed: 03/04/16

Arsenic	0.132	0.100	mg/kg wet
Barium	ND	0.100	"
Boron	ND	1.00	"
Cadmium	ND	0.100	"
Chromium	ND	0.500	"
Copper	ND	0.500	"
Lead	ND	0.100	"
Nickel	ND	0.100	"
Selenium	0.128	0.0500	"
Silver	ND	0.100	"
Zinc	ND	10.0	"

LCS (1603041-BS1)

Prepared & Analyzed: 03/04/16

Arsenic	112	0.100	mg/kg wet	127	88.0	59-110
Barium	192	0.100	"	244	78.6	61.1-110
Boron	160	1.00	"	224	71.3	43-110
Cadmium	114	0.100	"	129	88.3	61.2-110
Chromium	74.4	0.500	"	68.8	108	72.1-132
Copper	87.3	0.500	"	100	86.9	62.5-110
Lead	46.9	0.100	"	57.2	82.1	61-110
Nickel	114	0.100	"	122	92.9	65.7-111
Selenium	38.6	0.0500	"	49.2	78.4	51.6-111
Silver	20.9	0.100	"	24.4	85.6	54.3-110
Zinc	47.5	10.0	"	54.4	87.3	55.2-113

Duplicate (1603041-DUP1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Arsenic	2.54	0.0939	mg/kg dry	3.67	36.1	20	QR-03
Barium	674	0.0939	"	746	10.2	20	
Boron	2.83	0.939	"	4.29	41.1	20	QR-03
Cadmium	0.276	0.0939	"	0.292	5.73	20	
Chromium	7.52	0.469	"	7.37	2.00	20	
Copper	23.7	0.469	"	23.9	0.552	20	
Lead	8.37	0.0939	"	9.10	8.40	20	
Nickel	7.92	0.0939	"	7.73	2.40	20	
Selenium	0.975	0.0469	"	3.87	119	20	QR-03
Silver	0.890	0.0939	"	0.835	6.40	20	
Zinc	54.7	9.39	"	53.1	3.06	20	

Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603041 - EPA 3050B

Matrix Spike (1603041-MS1)		Source: 1603022-01			Prepared & Analyzed: 03/04/16					
Arsenic	44.9	0.104	mg/kg dry	39.9	3.67	103	75-125			
Barium	1270	0.104	"	39.9	746	NR	75-125			QM-07
Boron	36.3	1.04	"	39.9	4.29	80.4	75-125			
Cadmium	2.43	0.104	"	1.99	0.292	107	75-125			
Chromium	51.4	0.518	"	39.9	7.37	110	75-125			
Copper	66.7	0.518	"	39.9	23.9	108	75-125			
Lead	28.8	0.104	"	19.9	9.10	98.6	75-125			
Nickel	51.4	0.104	"	39.9	7.73	110	75-125			
Selenium	4.87	0.0518	"	3.99	3.87	25.1	75-125			QM-07
Silver	2.94	0.104	"	1.99	0.835	106	75-125			
Zinc	99.3	10.4	"	39.9	53.1	116	75-125			

Matrix Spike Dup (1603041-MSD1)		Source: 1603022-01			Prepared & Analyzed: 03/04/16					
Arsenic	45.9	0.104	mg/kg dry	40.8	3.67	104	75-125	2.31	25	
Barium	1370	0.104	"	40.8	746	NR	75-125	7.92	25	QM-07
Boron	37.1	1.04	"	40.8	4.29	80.5	75-125	2.11	25	
Cadmium	2.40	0.104	"	2.04	0.292	103	75-125	1.41	25	
Chromium	51.9	0.518	"	40.8	7.37	109	75-125	1.06	25	
Copper	66.1	0.518	"	40.8	23.9	104	75-125	0.896	25	
Lead	29.2	0.104	"	20.4	9.10	98.4	75-125	1.43	25	
Nickel	52.3	0.104	"	40.8	7.73	109	75-125	1.61	25	
Selenium	5.23	0.0518	"	4.08	3.87	33.5	75-125	7.20	25	QM-07
Silver	2.93	0.104	"	2.04	0.835	103	75-125	0.395	25	
Zinc	97.2	10.4	"	40.8	53.1	108	75-125	2.21	25	

Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Total Mercury by EPA Method 7471 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603039 - EPA 7471A

Blank (1603039-BLK1)

Prepared & Analyzed: 03/04/16

Mercury ND 0.0500 mg/kg wet

LCS (1603039-BS1)

Prepared & Analyzed: 03/04/16

Mercury 0.521 0.0500 mg/kg wet 0.500 104 80-120

Duplicate (1603039-DUP1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Mercury 0.0437 0.0405 mg/kg dry 0.0452 3.38 20

Matrix Spike (1603039-MS1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Mercury 0.576 0.0518 mg/kg dry 0.511 0.0452 104 80-120

Matrix Spike Dup (1603039-MSD1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Mercury 0.485 0.0456 mg/kg dry 0.456 0.0452 96.4 80-120 17.1 20

Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Hexavalent Chromium by EPA 7196 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603037 - 3060A_Mod

Blank (1603037-BLK1)

Prepared & Analyzed: 03/04/16

Chromium, Hexavalent ND 0.300 mg/kg wet

LCS (1603037-BS1)

Prepared & Analyzed: 03/04/16

Chromium, Hexavalent 21.8 0.300 mg/kg wet 19.9 109 80-120

Duplicate (1603037-DUP1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Chromium, Hexavalent ND 0.300 mg/kg dry ND 20

Matrix Spike (1603037-MS1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Chromium, Hexavalent ND 0.300 mg/kg dry 20.7 ND 80-120 QM-07

Post Spike (1603037-PS1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Chromium, Hexavalent 0.344 mg/kg 0.498 ND 69.0 0-200

Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603040 - General Preparation

Blank (1603040-BLK1)

Prepared & Analyzed: 03/04/16

Calcium	ND	10.0	mg/kg wet
Magnesium	ND	5.00	"
Sodium	ND	5.00	"

LCS (1603040-BS1)

Prepared & Analyzed: 03/04/16

Calcium	581	10.0	mg/kg wet	500	116	82.9-118
Magnesium	573	5.00	"	500	115	77.1-123
Sodium	587	5.00	"	500	117	71-129

Duplicate (1603040-DUP1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Calcium	159	8.96	mg/kg dry	161	0.849	200
Magnesium	27.3	4.48	"	31.3	13.8	200
Sodium	22.3	4.48	"	22.3	0.235	200

Matrix Spike (1603040-MS1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Calcium	657	8.96	mg/kg dry	448	161	111	75-125
Magnesium	542	4.48	"	448	31.3	114	75-125
Sodium	541	4.48	"	448	22.3	116	75-125

Matrix Spike Dup (1603040-MSD1)

Source: 1603022-01

Prepared & Analyzed: 03/04/16

Calcium	685	8.96	mg/kg dry	448	161	117	75-125	4.27	25
Magnesium	558	4.48	"	448	31.3	117	75-125	2.84	25
Sodium	550	4.48	"	448	22.3	118	75-125	1.50	25

Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1603023 - General Preparation

LCS (1603023-BS1)					Prepared & Analyzed: 03/02/16						
pH	8.00	0.100	pH Units	8.00	100	95-105					
Duplicate (1603023-DUP1)					Source: 1602206-01 Prepared & Analyzed: 03/02/16						
pH	7.55	0.100	pH Units	7.55	0.00	20					

Batch 1603024 - General Preparation

Blank (1603024-BLK1)					Prepared & Analyzed: 03/02/16						
Specific Conductance (EC)	ND	0.0100	mmhos/cm								
LCS (1603024-BS1)					Prepared & Analyzed: 03/02/16						
Specific Conductance (EC)	0.505	0.0100	mmhos/cm	0.500	101	90-110					
Duplicate (1603024-DUP1)					Source: 1602206-01 Prepared & Analyzed: 03/02/16						
Specific Conductance (EC)	3.74	0.0100	mmhos/cm	6.26	50.4	20					QR-03

Batch 1603042 - General Preparation

Duplicate (1603042-DUP1)					Source: 1603022-01 Prepared & Analyzed: 03/04/16						
% Solids	96.1		%	96.5	0.415	20					

Summit Scientific

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Kinetic Energy
PO Box 1625
Loveland CO, 80539

Project: Dechant Farms C3B, C2C & C2D NGL Disposal
Project Number: Wells [none]
Project Manager: Shad Martin

Reported:
03/04/16 16:56

Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ATTACHMENT D

DIVISION OF WATER RESOURCES WATER WELL BORING LOGS

GWS-6
Rev. 3/5/84

DIVISION OF WATER RESOURCES
1313 SHERMAN STREET, ROOM 818
DENVER, COLORADO 80203

AG 2 m d

RECEIVED

JUL 29 '91

WATER RESOURCES
STATE ENGINEER
CCLO

TEST HOLE ABANDONMENT REPORT

A test hole located in the NE 1/4 of the NW 1/4, Section 36,
Township 3N, Range 65W, S P.M. on lands
owned by Wes Moser & Sons, was constructed on June 6,
1990 for the following reason(s):

The piezometric tube was installed for monitoring ground water elevation within
18 feet of the ground surface. File No. MH-15964

The test hole which was 16 feet deep and 4 inches in diameter
(attach a copy of the log) was plugged and abandoned according to the rules
and regulations of the State Board of Examiners of Water Well and Pump
Installation Contractors on June 26, 1991.

The test hole was plugged in the following manner:

Piezometric tube was removed and the test hole was plugged using drill cuttings to
within five feet of the ground surface. The top five feet of the hole was sealed
with chemically inert materials that were equal to or less permeable than the top
foot of the surrounding soils.

I hereby swear (or affirm) that the statements herein made are a full and
correct report.

William J. Martin
Name (print or type)
William J. Martin
Signature
N/A
License No. July 23, 1991
Date

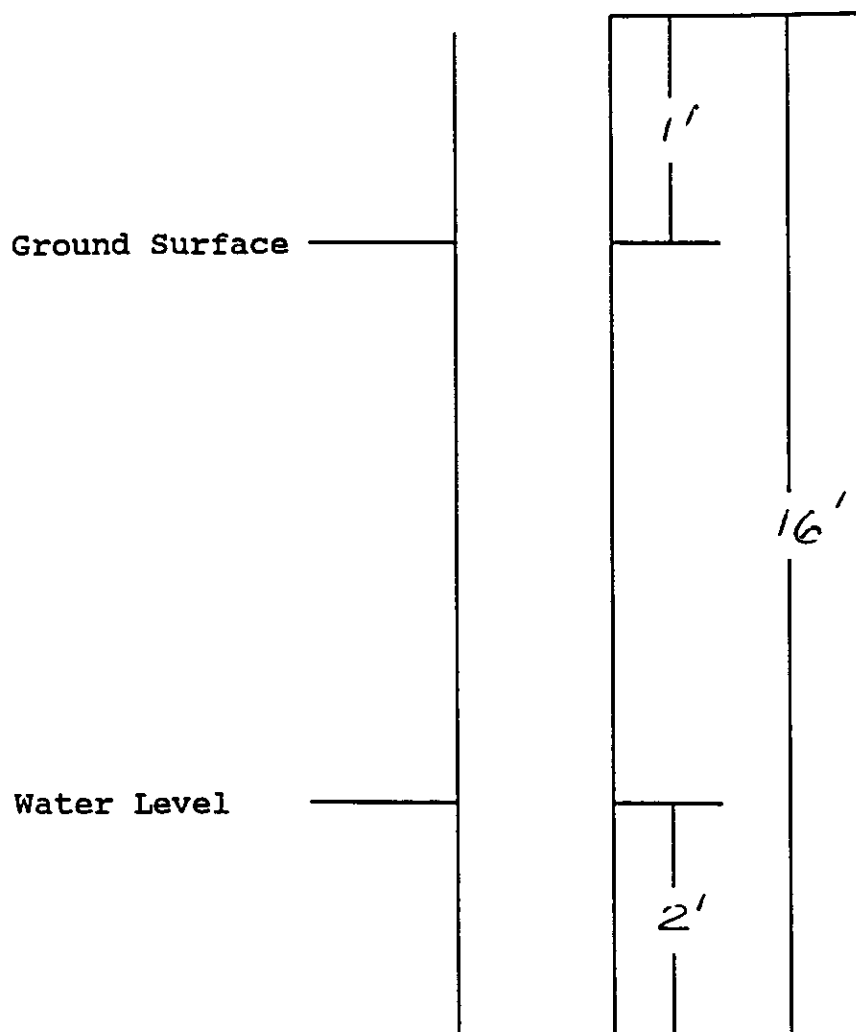
1867I/1868I

GROUND WATER MONITORING WELL

UNITED

JUL 29 '91

WATER RESOURCES
STATE ENGINEER
COLO.



Division 8
Water Resources
Well # 15964

Legal Description: SEC 36 T3N R6BW (NE 1/4)

Destination Code: 164

Well Constructed By: DREYER E. DISBROW JR.

Date Well Constructed: 3-15-90

Date Sampled : 3-15-90

Depth to Water: 13'

Date Well Plugged: 6-26-91

f2:grnd1

MH-15964

GWS-6
Rev. 3/5/84

ABE mb
RECEIVED

APR 18 '91

DIVISION OF WATER RESOURCES
1313 SHERMAN STREET, ROOM 818
DENVER, COLORADO 80203

WATER RESOURCES
STATE ENGINEER
COLO.

TEST HOLE ABANDONMENT REPORT

A test hole located in the SE 1/4 of the NE 1/4, Section 36,
Township 3N, Range 65, S P.M. on lands
owned by Wes Moser, was constructed on March 15,
1990 for the following reason(s):

The piezometric tube was installed for monitoring ground water elevation within
18 feet of the ground surface. File No. MH15964

The test hole which was 16 feet deep and 4 inches in diameter
(attach a copy of the log) was plugged and abandoned according to the rules
and regulations of the State Board of Examiners of Water Well and Pump
Installation Contractors on March 29, 1991.

The test hole was plugged in the following manner:

Piezometric tube was removed and the test hole was plugged using drill cuttings to
within five feet of the ground surface. The top five feet of the hole was sealed
with chemically inert materials that were equal to or less permeable than the top
foot of the surrounding soils.

I hereby swear (or affirm) that the statements herein made are a full and
correct report.

William J. Martin
Name (print or type)
William J. Martin
Signature
N/A April 15, 1991
License No. Date

1867I/1868I

DC 167

SEP-07-11 09:59

FROM-DIVISION OF WATER RESOURCES

3038662223

T-728 P.02/02 F-262

SEP 07 2011

GWS-31
08/2011

NOTICE OF INTENT TO CONSTRUCT MONITORING HOLE(S)

Please type or print legibly in black or blue ink

COLORADO DIVISION OF WATER RESOURCES-1313 SHERMAN ST-ROOM 821-DENVER-CO-80203
PHONE: 303-866-3581—FAX: 303-866-3589SEP 06 2011
WATER RESOURCES
STATE ENGINEER
COLORADOWATER RESOURCE
STATE ENGINEER
COLO.Well Owner's Name, Address & Phone MORWAY DAIRY
PO BOX 205, FT LUTON, CO 80621Landowner's Name MORWAY DAIRY

Please check one and complete as indicated including contact info:

☒ Water Well Driller Licensed in Colorado - Lic. No. 1461☐ Professional Engineer Registered in Colorado - Reg. No. _____☐ Professional Geologist per CRS 34-1-201(3)☐ Other - anyone directly employed by or under the supervision of a licensed driller, registered professional engineer or professional geologistContract / Company QUALITY WELL AND PUMPAddress 23275 US HWY 85City, State & Zip LA SALLE, CO 80645Phone 970-253-3118Fax 970-254-6445Print Name: Chris Jones

Signature: _____

Location: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 28Township 3 ☒ N ☐ S Range 68 ☐ E ☒ W 5TH PMCounty 65

Subdivision, Lot, Blk, Fig (as applicable) _____

Site/Property Address _____

GPS Location in UTM format (optional):

Set GPS unit to true north, datum NAD83, and use meters for the distance units. ☐ Zone 12 or ☐ Zone 13

Easting _____ Northing _____

of Monitoring Hole(s) to be constructed: 3Estimated Depth 360 FL, Aquifer POKHILLPurpose of Monitoring Hole(s) DETERMINE IMPACT ON AQUIFER DURING USE OF WELLAnticipated Date of Construction: 9-9-2011Date Notice Submitted: 9-6-2011

(Must be at least 3 days prior to construction)

ACKNOWLEDGEMENT FROM STATE ENGINEER'S OFFICE
FOR OFFICE USE ONLY

050172

- MH

PROCESSED BY Shannon PlummerDiv. 1WD 2

BAS _____

MD _____

DATE ACKNOWLEDGED 09-07-11

CONDITIONS OF MONITORING HOLE ACKNOWLEDGEMENT

A COPY OF THE WRITTEN NOTICE OR ACKNOWLEDGEMENT SHALL BE AVAILABLE AT THE DRILLING SITE.

- 1) Notice was provided to the State Engineer at least 3 days prior to construction of monitoring & observation hole(s).
 - 2) Construction of the hole(s) must be completed within 90 days of the date notice was given to the State Engineer. Testing and/or pumping shall not exceed a total of 200 hours unless prior written approval is obtained from the State Engineer. Water diverted during testing shall not be used for beneficial purposes. The owner of the hole(s) is responsible for obtaining permit(s) and complying with all rules and regulations pertaining to the discharge of fluids produced during testing.
 - 3) All work must comply with the Water Well Construction Rules, 2 CCR 402-2. Minimum construction standards must be met or a variance obtained. Standard permit application and work report forms are found on the DWR website at <http://www.dwr.state.co.us>. Well Construction and Test Reports (GWS-31) must be completed for each hole drilled. The licensed contractor or authorized individual must submit the completed forms to this office within 60 days of monitoring hole completion.
 - 4) Unless a well permit is obtained, the hole(s) must be plugged and sealed within one (1) year after construction. An Abandonment Report (form GWS-8) must be submitted within 60 days of plugging & sealing. The above MH acknowledgement number, owner's structure name, and owner's name and address must be provided on all well permit application(s), well construction and abandonment reports.
 - 5) The owner of the hole(s) shall maintain records of water quality testing and submit this data to the State Engineer upon request.
 - 6) A MONITORING HOLE CANNOT BE CONVERTED TO A PRODUCTION WATER WELL, except for purposes of remediation (recovery) or as a permanent dewatering system, if constructed in accordance with the Water Well Construction Rules and policies of the State Engineer.
 - 7) IF HOLES WILL NOT BE CONSTRUCTED UNDER THIS NOTICE WITHIN 90 DAYS, PLEASE WRITE, "NO HOLES CONSTRUCTED" ON A COPY OF THE ACKNOWLEDGED NOTICE WITH THE FILE NUMBER AND FAX THE COPY TO THE DIVISION OF WATER RESOURCES.
- THIS ACKNOWLEDGEMENT OF NOTICE DOES NOT INDICATE THAT WELL PERMIT(S) CAN BE APPROVED.

(Use above space for labels or additional conditions or comments)

FORM NO. GWS-31 10/94		WELL CONSTRUCTION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER		For Office Use only RECEIVED	
1. WELL PERMIT NUMBER <u>6427-R-R</u>		MAR 18 2004 WATER RESOURCES STATE ENGINEER COLO.			
2. OWNER NAME(S) <u>ALVIN DECHANT</u> Mailing Address <u>H936 WCR 23</u> City, St. Zip <u>FT Lupton, CO, 80621</u> Phone (303) <u>857-4436</u>					
3. WELL LOCATION AS DRILLED: SW 1/4 SW 1/4, Sec. <u>30</u> Twp. <u>3</u> N, Range <u>64</u> W DISTANCES FROM SEC. LINES: <u>83</u> ft. from <u>SOUTH</u> Sec. line. and <u>600</u> ft. from <u>WEST</u> Sec. line. OR (north or south) (east or west) SUBDIVISION: _____ LOT _____ BLOCK _____ FILING(UNIT) _____ STREET ADDRESS AT WELL LOCATION: _____					
4. GROUND SURFACE ELEVATION _____ ft. DRILLING METHOD <u>REVERSE ROTARY</u> DATE COMPLETED <u>2-26-04</u> TOTAL DEPTH <u>60</u> ft. DEPTH COMPLETED <u>60</u> ft.					
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) <u>0-3 TOP SOIL</u> <u>3-18 CLAY</u> <u>18-30 SAND, GRAVEL</u> <u>30-32 CLAY</u> <u>32-58 SAND, GRAVEL</u> <u>58-60 CLAY</u>			6. HOLE DIAM. (in.) From (ft) To (ft) <u>32</u> <u>0</u> <u>60</u>		
			7. PLAIN CASING OD (in) Kind Wall Size From(ft) To(ft) <u>16</u> <u>STEEL</u> <u>188</u> <u>+1</u> <u>30</u>		
			PERF. CASING: Screen Slot Size: <u>219</u> <u>16</u> <u>JOHNSON</u> <u>30</u> <u>60</u>		
			8. FILTER PACK: Material <u>GRAVEL</u> Size <u>3/8</u> Interval <u>20-60</u>		9. PACKER PLACEMENT: Type _____ Depth _____
			10. GROUTING RECORD: Material Amount Density Interval Placement <u>CEMENT-B4</u> <u>cubic ft</u> <u>1.86</u> <u>0-20</u> <u>PUMPED</u>		
REMARKS:					
11. DISINFECTION: Type <u>HTH</u> Amt. Used <u>3 cups</u>					
12. WELL TEST DATA: <input type="checkbox"/> Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test. TESTING METHOD <u>TURBINE</u> Static Level <u>23</u> ft. Date/Time measured <u>2-26-04</u> , Production Rate <u>1100</u> gpm. Pumping level <u>41</u> ft. Date/Time measured <u>2-26-04</u> , Test length (hrs.) <u>3 hrs- 15 mins</u> Remarks _____					
13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.] CONTRACTOR <u>R. R. WELT, PUMP</u> Phone <u>(970) 353-3118</u> Lic. No. <u>1397</u> Mailing Address <u>145 16th STREET GREELEY, CO, 80631</u> Name/Title (Please type or print) <u>ROBERT A JACKSON</u> Signature <u>R.A. Jackson</u> Date <u>3-1-04</u> <u>GENERAL MANAGER</u>					

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER SECTION

BM

RECORDED
DEC 22 1965
GROUND WATER SECT.
COLORADO
STATE ENGINEER

Index No. 2915
 IDWD 1-1
 Use 6
 Registered 12-22-65

(For State Engineer's Use)

LOG AND HISTORY OF WELL *ent*

PERMIT NO. GP 10198-F

WELL LOCATION

Driller Cummings Well Works Lic. No. 73

Owner Wesley Moser By Albert Roy Moser

Street Star Rt. City Hudson, Colo.

Tenant _____

Use of Water Irrigation

On or By SE 1/4, SE 1/4, 25, 3N, 65W No. _____ Acres _____
 (description of site or land)

Date Started November 5, 19 65

Date Completed November 5, 19 65

Yield 1000 GPM or _____ CFS

WELL DESCRIPTION:

Depth to Water 15 ft. Total Depth 62 ft.
 (measured from ground surface)

Hole Diameter { in. 40 from 0 ft. to 62 ft.
 in. _____ from _____ ft. to _____ ft.
 in. _____ from _____ ft. to _____ ft.

TEST DATA:

How Tested X Pump or _____ Bailed

Date Tested 11/6, 19 65 Length 10 hrs.

Rate 1000 GPM Drawn Down 38 ft.

PUMP DATA:

Did not install

Pump Type _____ Outlet Size _____ in.

Driven by _____ HP

CASING RECORD:

Plain Casing

Size 18", Kind Galv from 0 ft. to 38 ft.

Size _____, Kind _____ from _____ ft. to _____ ft.

Size _____, Kind _____ from _____ ft. to _____ ft.

Perforated Casing

Size 18", Kind Galv from 38 ft. to 62 ft.

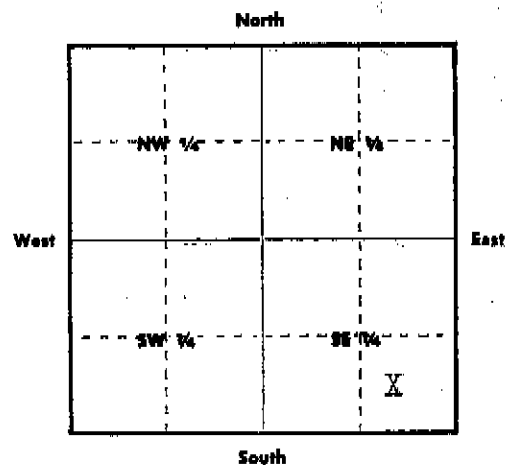
Size _____, Kind _____ from _____ ft. to _____ ft.

Size _____, Kind _____ from _____ ft. to _____ ft.

Weld 62 County _____

SE 1/4 of SE 1/4 of Sect. 25

Twp. 3N, Rge. 65W, 6 PM



ABOVE DIAGRAM REPRESENTS ONE FULL SECTION. LOCATE WELL ACCURATELY IN SMALL SQUARE REPRESENTING 40 ACRES.

or

If the above is not applicable fill in:

No. _____ Street _____
 City or Town _____

or

Lot _____, Block _____
 Subdivision _____
 (include filing or number)

TO BE MADE OUT IN QUADRUPLICATE:

Original Blue (both sides) and Duplicate Green Copy must be filed with the State Engineer within 30 days after well is completed. White copy is for the Owner and Yellow copy for the Driller. **SIGN BLUE COPY**

WELL LOG

Ground Elevation _____ (if known)

How Drilled Reverse Rotary

[illegible]

(if more space is required use additional sheet)

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed Cummins Well Works

By Edgar J. Cummings

Dated December 16 1965

Form C Rev.

9-62/1

STATE OF COLORADO

APPLICATION FOR:

☒

A PERMIT TO USE GROUND WATER

☒

A PERMIT TO CONSTRUCT A WELL

JUN 21 1965

GROUND WATER SECTION

Applicant Fred Moser
By Albert Roy Moser

LOCATION OF WELL

COLORADO

STATE ENGINEER

County WeldP.O. Address Star Route, Hudson, ColoradoQuantity applied for 1,000 gpm or
AF StorageSE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sect. 25, Twp. 3 N,Rge. 65 W, 6 $\frac{1}{4}$ P.M. ORUsed for Irrigation Purposeson/at SE $\frac{1}{4}$, SE $\frac{1}{4}$, 25, 3, 65
(legal description of land site)

Total acreage irrigated and other rts.

ESTIMATED DATA OF WELL

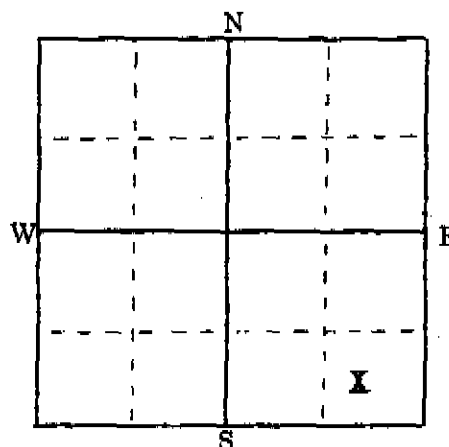
Hole size: 40 in. to 40 ft.
 in. to ft.Casing Plain 18 in. from 0 to 28 ft.
 in. from to ft.Open or Perf. 18 in. from 28 to 40 ft.
 in. from to ft.

PUMP

DATA: Type Unknown HP Outlet Size ?Use initiation date June 1965
(Use Supplemental pages for additional data)Driller to furnish Log and History (Form E)
within 30 days after completion of well.

Street Address or Lot & Block No.

Town or Subdivision

Locate
well in
40 acre
(small)
square
as near
as possible.Large square
is one section.\$25.00 fee required for uses other
than Domestic or Livestock.Applicant Fred Moser by A. R. Moser

Agent or

Driller Cummins Well Works No. 73Address 121- 13th St. Greeley, Colo.

THIS APPLICATION APPROVED

PERMIT NO. CP-10198

ISSUED:

DATE AUG 9 1965 19

NOTE - SATISFACTORY COMPLETION REQUIRED FOR APPROVAL OF APPLICATION

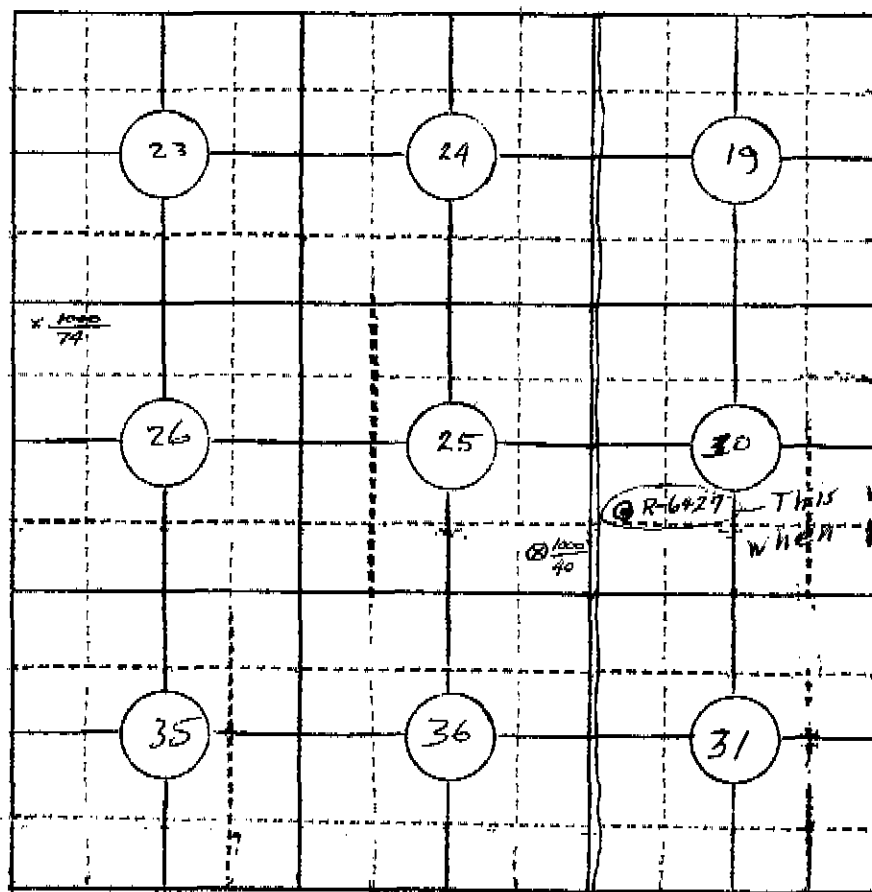
No apparent interference

Sec 25, T3 No, R6 W, 6th PM.

Weld

1-3(1-2)

⊗ New well



R.64W

This well not plotted when permit 10198 was approved. JMR 2-18-66

± 2 mi. from
Milton Reservoir
1/4 mile from
Irrigation
channel

Jan. 22, 1968

State Engineer:

I have bought from Fred Moser
the east $\frac{1}{2}$ of sec 25 Township 3 range
65.

Therefore well permit no. CP 10198
be changed from Fred Moser to Wesley
E. Moser of Box 110, Star Route, Hudson
Colorado.

Wesley E. Moser

JAN 31 1967

WRJ-25-45
20 M-45

Index No. 3099
 IDWD 1-1
 Use 6
 Registered 1-6-67

STATE OF COLORADO
 DIVISION OF WATER RESOURCES
 OFFICE OF THE STATE ENGINEER

RECEIVED

DEC 27 1966

GROUND WATER SECTION

MAP AND STATEMENT FOR WATER WELL FILING

PERMIT NUMBER 11185-F

STATE ENGINEER

Know all men by these presents: That the undersigned J. Burton Tuttle, claimant(s), whose address is _____, City Platteville, Colorado _____, states: Claimant(s) is (are) the owner(s) of well No. 11185-F located as shown on the map below; the total number of acres of land owned by him (them) to be irrigated from this well is 280; work was commenced on this well by actual construction 1st day of October, 1966; the tested capacity of said well is 1000 (gpm) (cfs), for which claim is hereby made for irrigation purposes; that the average annual amount of water to be diverted is 500 acre-ft.; and that the aforementioned statements are made and this map and statement are filed in compliance with the law.

State of Colorado)
 County of Weld) ss

Claimant(s)

Subscribed and sworn before me this 22nd day of December, 1966.

My Commission expires June 13, 1970

Notary Public

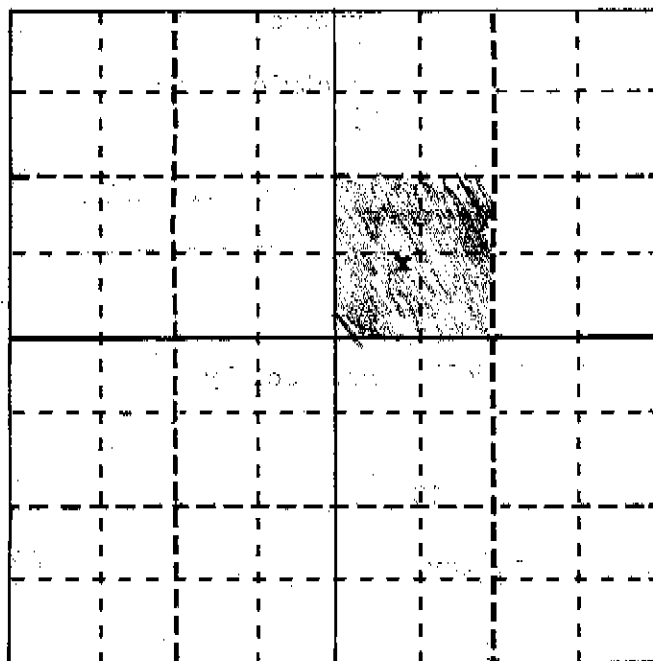
MAP

THE WELL SHALL BE LOCATED WITH REFERENCE TO GOVERNMENT SURVEY CORNERS OR MONUMENTS, OR SECTION LINES BY DISTANCE AND BEARING.

1344 feet from North (North or South) section line
1358 feet from East (East or West) section line

IF WELL IS FOR IRRIGATION, THE AREA TO BE IRRIGATED MUST BE SHADED OR CROSS-HATCHED.

The square below will be used to indicate the location of the well and the irrigated land.



WELL LOCATION

Weld

County

SW 1/4 NE 1/4, sec. 36T. 3N, R. 65W, 6 P. M.

Ground Water Basin _____

Water Management

District _____

Domestic wells may be located by the following: LOT _____, BLOCK _____

SUBDIVISION

ACCEPTED FOR FILING IN THE OFFICE OF THE STATE ENGINEER OF COLORADO ON THIS _____ DAY OF _____, 19____.

State Engineer

LOG AND HISTORY

WELL LOG

Ground Elevation _____

Type Drilling Rotary

From	To	Type of Material	Water Loc.	Perf.
0	4	Sandy soil		
4	15	Sand		
15	17	Sandy clay		
17	18	Sand		
18	21	Sandy clay		
21	28	Clay		
28	55	Sand & small gravel	x	x
55	58	Clay		x
58	59	Sand & small gravel	x	x
59	60	Clay		x
60	65	Sand & small black gravel	x	x
65		Shale		

WELL DATA

Date Started October 1, 1966Date Completed October 4, 1966

Hole Diameter:

48 in. from 0 ft. to 65 ft.
 _____ in. from _____ ft. to _____ ft.
 _____ in. from _____ ft. to _____ ft.

CASING RECORD

Cemented from _____

Plain Casing

Size 18", kind galv from 0 ft. to 44 ft.

Size _____, kind _____ from _____ ft. to _____ ft.

Size _____, kind _____ from _____ ft. to _____ ft.

Perforated Casing

Size 18", kind galv from 44 ft. to 65 ft.

Size _____, kind _____ from _____ ft. to _____ ft.

Size _____, kind _____ from _____ ft. to _____ ft.

TEST DATA

Date Tested October 5, 1966Type of Pump TurbineLength of Test 24 hrs.Constant Yield 1000 gpmDrawdown 50 ft.Depth to water 16 ft.

PUMP DATA (To be filled in)

Type of Pump TurbineOutlet Size 8"Driven by Electric motorHorsepower 75

Use additional paper if necessary to complete log and attach.

WELL DRILLERS STATEMENT DEPTH TO WATER 16State of Colorado)
County of Weld) ssSamuel C. Rank

being duly sworn, deposes and says: he is the driller of the above described well; he has read the above map and statement, knows the content thereof, and the same is true of his own knowledge. R & R Well & Pump Co. by

Subscribed and sworn to before me this 14th day of November, 1966.My Commission expires June 13, 1970.License No. 513Martha E. Rank
Notary Public

FORM TO BE MADE OUT IN QUADRUPLICATE:

Original WHITE (both sides) & Triplicate GREEN Copy must be filed with the State Engineer within 30-days after well is completed. Duplicate PINK copy is for the Owner & YELLOW copy for the Driller. WHITE FORM MUST BE AN ORIGINAL COPY ON BOTH SIDES AND SIGNED.

STATE OF COLORADO

APPLICATION FOR: ☐ A PERMIT TO USE GROUND WATER
☒ A PERMIT TO CONSTRUCT A WELL
☐ OTHER

Application must be completed satisfactorily before acceptance

PRINT OR TYPE

APPLICANT J. Burton Tuttle
 Street Address _____
 City & State Platteville, Colorado
 Use of ground water Irrigation
 Owner of land on which well
 is located J. Burton Tuttle
 Number of
 acres to be irrigated 320
 Legal description of
 irrigated land E 1/4 S36 T3N R65W
 Other water rights on
 this land _____
 Owner of irrigated
 land J. Burton Tuttle
 Aquifer(s) ground water is to be obtained
 from Gravel

ESTIMATED WELL DATA

Est. quantity of ground water to be claimed:
 Est. Max. Yield 1200 GPM or CFS
 Est. average annual amount to be
 used in acre-feet 1000
 Storage capacity _____ AF

Anticipated start of drilling Sept. 7 1966

Hole Diameter:

48 in. from 0 ft. to 67 ft.
 _____ in. from _____ ft. to _____ ft.

Casing:

Plain 18 in. from 0 ft. to 45 ft.
 _____ in. from _____ ft. to _____ ft.
 Perf. 18 in. from 45 ft. to 67 ft.
 _____ in. from _____ ft. to _____ ft.

PUMP DATA:

Type Turbine HP 75 Outlet
 Size 8

RECEIVED

AUG 24 1966
 GROUND WATER SEC
 COLORADO
 STATE ENGINEER

LOCATION OF WELL

COUNTY Weld
 SW 1/4 NE 1/4, sec. 36
 T. 3N, R. 65W, _____ P.M.
 Ground Water Basin _____
 Water Management
 District _____

USE DIAGRAM ON THE BACK OF THIS SHEET TO
 LOCATE WELL.

Driller R & R Well & Pump Co. No. 513
 Driller's
 Address 145 16th Street, Greeley, Colorado

J. Burton Tuttle by Samuel C. Reed
 Signature of Applicant

CONDITIONS OF APPROVAL

To irrigate NE 1/4 sec. 36 T3N R65W
 160 acres
 use approx 500 AF/yr.

This application approved

PERMIT NUMBER 11185 - F

DATE ISSUED SEP 9 1966

State Engineer

by

This application approved

CONDITIONAL PERMIT NO. _____

(Permit good for one (1) year after date
 of issuance)

DATE ISSUED _____

Chairman Ground Water Commission

by

(OVER)



THE SCALE OF THE DIAGRAM IS TWO INCHES EQUALS ONE-MILE

STATE OF COLORADO

APPLICATION FOR: ☒ A PERMIT TO USE GROUND WATER
☒ A PERMIT TO CONSTRUCT A WELL
☒ OTHER

Application must be completed satisfactorily before acceptance

PRINT OR TYPELOCATION OF WELL

APPLICANT _____

COUNTY _____

Street Address _____

_____ $\frac{1}{4}$ _____ $\frac{1}{4}$, sec. _____

City & State _____

T. _____, R. _____, _____ P.M.

Use of ground water _____

Ground Water Basin _____

Owner of land on which well
is located _____

Water Management _____

Number of
acres to be irrigated _____

District _____

Legal description of
irrigated land _____

USE DIAGRAM ON THE BACK OF THIS SHEET TO
LOCATE WELL.

Other water rights on
this land _____Owner of irrigated
land _____

Driller _____ No. _____

Driller's _____

Aquifer(s) ground water is to be obtained
from _____

Address _____

ESTIMATED WELL DATA_____
Signature of Applicant

Est. quantity of ground water to be claimed:

Est. Max. Yield _____ GPM or CFS

Est. average annual amount to be
used in acre-feet _____

Storage capacity _____ AF

CONDITIONS OF APPROVAL

Anticipated start of drilling _____ 19 _____

Hole Diameter:

_____ in. from _____ ft. to _____ ft.

_____ in. from _____ ft. to _____ ft.

Casing:

Plain _____ in. from _____ ft. to _____ ft.

_____ in. from _____ ft. to _____ ft.

Perf. _____ in. from _____ ft. to _____ ft.

_____ in. from _____ ft. to _____ ft.

PUMP DATA:

Type _____ HP _____

Outlet
Size _____

This application approved

PERMIT NUMBER _____

DATE ISSUED _____

State Engineer_____
by

This application approved

CONDITIONAL PERMIT NO. _____
 (Permit good for one (1) year after date
 of issuance)

DATE ISSUED _____

Chairman Ground Water Commission_____
by

(OVER)

SEP 29 1966

Received call from E. Moser now owner
of well # CP-10198 issued to his brother
Fred Moser Aug. 9, 1965.

He stated a permit was issued to a
J. Burton Tuttle to drill a well in the NE $\frac{1}{4}$
NE $\frac{1}{4}$, 36, 3N, 65W. This well is too close to
his and not distanced to $\frac{1}{2}$ mile spacing.

He wants an investigation why this permit
#11185F was issued so close to his. He stated he
spent over 3 months trying to get his permit and
felt this unfair after the ruling of $\frac{1}{2}$ mile and
what he had to go thru.

See plotting attached.

Also note well permitted for NE cor of the
SW $\frac{1}{4}$, NE $\frac{1}{4}$, 36 but according to Moser
it is being drilled more to center of the NE $\frac{1}{4}$
NE $\frac{1}{4}$.

E. Moser's telephone No. 536-4853

Call-R-R 353-3118

2:55 PM call completed

C. E. Felt

10/17/66 - 11185F approved on basis of
see page ditch from Milton Res.
into this area.

OFFICE OF THE STATE ENGINEER

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203
(303) 866-3581

857

APPLICANT

WELL PERMIT NUMBER **218756**
DIV. 1 WD 1 DES. BASIN MDDECHANT FARMS
4936 WCR 33
FT LUPTON, CO 80621-

APPROVED WELL LOCATION

WELD COUNTY

NE 1/4 SE 1/4 Section 36

Township 3 N Range 65 W Sixth P.M.

DISTANCES FROM SECTION LINES

2599 Ft. from South Section Line

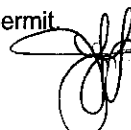
276 Ft. from East Section Line

PERMIT TO CONSTRUCT A WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT

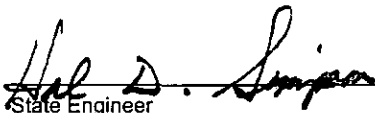
CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(II)(A) as the only well on a tract of land of 40 acre(s) described as the NE 1/4, of the SE 1/4, Sec. 36, Twp. 3 N, Rng 65 W, 6th P.M., Weld County.
- 4) The use of ground water from this well is limited to fire protection, ordinary household purposes inside not more than three (3) single family dwellings, the watering of poultry, domestic animals and livestock on a farm or ranch and the irrigation of not more than one (1) acre of home gardens and lawns.
- 5) The total depth of the well shall not exceed 60 feet or the top of the confined clay/shale series, whichever comes first, which corresponds to the base of the Alluvial aquifer.
- 6) The maximum pumping rate of this well shall not exceed 15 GPM.
- 7) The return flow from the use of this well must be through an individual waste water disposal system of the non-evaporative type where the water is returned to the same stream system in which the well is located.
- 8) The old existing well registered under permit no. 215311 must be plugged in accordance with Rule 15 of the Water Well Construction Rules within ninety (90) days of completion of the new well. The enclosed Well Abandonment Report form must be submitted to affirm that the old well was plugged.
- 9) The issuance of this permit hereby cancels permit no. 215311.
- 10) This well shall be constructed not more than 200 feet from the location specified on this permit.


 7.2.99

APPROVED

JLL


 State Engineer

Receipt No. 0444857

DATE ISSUED

JUL 07 1999

By


 R.A. Nielsen

EXPIRATION DATE

JUL 07 2001

COLORADO DIVISION OF WATER RESOURCES
DEPARTMENT OF NATURAL RESOURCES
1313 SHERMAN ST., RM. 818, DENVER CO 80203
phone - info: (303) 866-3587 main: (303) 866-3581

RESIDENTIAL * (Note: You may also use this form to apply for livestock watering)

Review instructions prior to completing form

RECEIVED

RECEIVED

JUN 21 1999

APR 28 1999

WATER RESOURCES
STATE ENGINEER
COLO.

WATER RESOURCES
STATE ENGINEER
COLO.

Water Well Permit Application

Must be completed in black ink or typed

1. APPLICANT INFORMATION				6. USE OF WELL (check appropriate entry or entries)			
Name of applicant Dechant Farms				See instructions to determine use(s) for which you may qualify -- <input type="checkbox"/> A. Ordinary household use in one single-family dwelling (NO outside use) <input checked="" type="checkbox"/> B. Ordinary household use in 1 to 3 single-family dwellings: Number of dwellings: 1 <input checked="" type="checkbox"/> Home garden/lawn irrigation, not to exceed 1 acre: area irrigated 10,000 <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> acre <input checked="" type="checkbox"/> Domestic animal watering -- (non-commercial)			
Mailing Address 4936 WCR 33							
City Ft. Lupton, Co.		State 80621		Zip code			
Telephone Number (include area code)							
2. TYPE OF APPLICATION (check applicable box(es))				<input type="checkbox"/> C. Livestock watering (on farm/ranch/range/pasture)			
<input type="checkbox"/> Construct new well <input checked="" type="checkbox"/> Replace existing well <input type="checkbox"/> Change (source) aquifer <input type="checkbox"/> Other:				7. WELL DATA			
<input type="checkbox"/> Use existing well <input type="checkbox"/> Change / Increase Use <input type="checkbox"/> Reapplication (expired permit)				Maximum pumping rate 15 gpm		Annual amount to be withdrawn 1 acre-feet	
3. REFER TO (if applicable):				Total depth 60 feet		Aquifer Allivium	
Water court case #		Permit # 215311		8. TYPE OF RESIDENTIAL SEWAGE SYSTEM			
Verbal # -VE-		Monitoring hole acknowledgment # MH-		<input checked="" type="checkbox"/> Septic tank / absorption leach field <input type="checkbox"/> Central system District name: _____ <input type="checkbox"/> Vault Location sewage to be hauled to: _____ <input type="checkbox"/> Other (attach copy of engineering design)			
4. LOCATION OF WELL				9. PROPOSED WELL DRILLER (optional)			
County Weld		Quarter/quarter NE 1/4		Quarter SE 1/4		Name R & R Well & Pump Inc.	
Section 36		Township N or S 3		Range E or W 65		License number 857	
Distance of well from section lines 2599 ft. from <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> S		Principal Meridian 6th. PM		10. SIGNATURE of applicant(s) or authorized agent			
Well location address, if different from applicant address (if applicable)				The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S. 24-4-104(13)(a). I have read the statements herein, know the contents thereof and state that they are true to my knowledge.			
For replacement wells only - distance and direction from old well to new well 50 feet West direction				Must be original signature <i>Alvin Dechant</i>			
5. TRACT ON WHICH WELL WILL BE LOCATED				Title Dechant Farms - part			
A. You must check one of the following - see instructions <input type="checkbox"/> Subdivision: Name _____ Lot no. _____ Block no. _____ Filing/Unit _____ <input type="checkbox"/> County exemption (attach copy of county approval & survey) Name/no. _____ Tract no. _____ <input type="checkbox"/> Mining claim (attach copy of deed or survey) Name/no. _____ <input checked="" type="checkbox"/> Other (attach legal description to application) NE1/4, SE1/4, Sec. 36, Twp. 3N Rng. 65				Date 4-24-99			
B. STATE PARCEL ID# (optional):				OPTIONAL INFORMATION			
C. # acres in tract 40		D. Are you the owner of this property? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (if no - see detailed inst.)		USGS map name		DWR map no. 23-I	
E. Will this be the only well on this tract? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (if other wells are on this tract - see detailed inst.)				Surface elev. 4820			
				Office Use Only LAN <input checked="" type="checkbox"/> CWCB <input checked="" type="checkbox"/> WRE <input checked="" type="checkbox"/> MAP <input checked="" type="checkbox"/> MYLAR <input checked="" type="checkbox"/> SB5 <input checked="" type="checkbox"/> ADDIT. FEE <input checked="" type="checkbox"/> CHECKS TRN447166 062199 DIV OF WATER RESOURCES CHECKS TRN444857 042899 DIV OF WATER RESOURCES USE MD			

EXEMPT WELL DATA SHEET - DENVER BASIN, COLORAD

APPLICANT: DECHANT FARMS RECEIPT NO. 444857
 LOCATION: NE1/4 OF SE1/4 OF SEC. 36, T.3N., R.65W. (2599 SSL, 276 ESL)

PROPOSED AQUIFER:
 SURFACE ELEVATION: 4820 NUMBER OF ACRES IN TRACT: 40

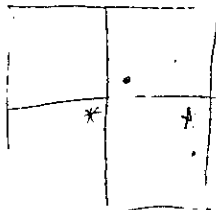
IS PROPERTY WITHIN SERVICE BOUNDARIES OF MUNICIPALITY S.B.5 CONSENT MAPS? N
 IF SUBDIVISION IS UNDER AUGMENTATION PLAN, CASE NO. IS
 IF SUBDIVISION WAS RECOMMENDED FOR APPROVAL BY THE WATER MANAGEMENT BRANCH,
 INFORMATION ON SUBDIVISION OR TRACT OF LAND/SPECIAL RESTRICTIONS:

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STAT
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	----	----	----	----	----	----	---
LOWER DAWSON	----	----	----	----	----	----	---
DENVER	----	----	----	----	----	----	---
UPPER ARAPAHOE	----	----	----	----	----	----	---
LOWER ARAPAHOE	----	----	----	----	----	----	---
LARAMIE-FOX HILLS	4190	4500	169	630	320	10.140	NT

note: E indicates location is at aquifer boundary and values may be m
 * indicates the proposed aquifer.

All values are interpolated from the S.B.5 data base assembled in Nove

11186-F 64 FT. SE SE SEC 36
 11185-F 65 FT. SW NE SEC 36
 11724-F 57 FT. NE SW SEC 36



Best Copy Available

Form No.
GWS-25

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203
(303) 866-3581

LR

APPLICANT

WELL PERMIT NUMBER **215311**

DIV. 1 CNTY. 62 WD 1 DES. BASIN MD

Lot: Block: Filing: Subdiv:

APPROVED WELL LOCATION
WELD COUNTY

DECHANT FARMS
4936 WCR 23
FORT LUPTON CO 80621-
(303)857-4436

CANCELLED

SEE 218756

NE 1/4 SE 1/4 Section 36
Twp 3 N RANGE 65 W 6th P.M.

DISTANCES FROM SECTION LINES

2599 Ft. from South Section Line
226 Ft. from East Section Line

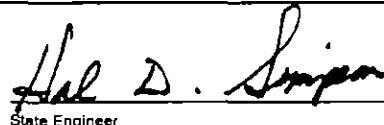
REGISTRATION OF EXISTING WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT

CONDITIONS OF APPROVAL


- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of the permit does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) This well is recorded, and permit approved, in accordance with CRS 37-92-602(5) for historic use as indicated herein and described in CRS 37-92-602(1)(b), being a well producing 15 GPM and **used for ordinary household purposes inside one (1) single family dwelling, fire protection and the watering of domestic animals, poultry and livestock on a farm or ranch.**
- 4) The date of first beneficial use, as claimed by the applicant is June 3, 1964.

APPROVED
JLV


State Engineer

Receipt No. 0439149

DATE ISSUED **JAN 26 1999**

By 
EXPIRATION DATE **N/A**

FORM NO. GWS-12 10/89	STATE OF COLORADO OFFICE OF THE STATE ENGINEER 818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203 (303) 866-3581	For Office Use only PERMIT NUMBER <u>RECEIVED</u>
FOR INSTRUCTIONS SEE REVERSE SIDE		JAN 11 1999 RECEIVED DEC 11 1998 WATER RESOURCES STATE ENGINEER COLO
REGISTRATION OF EXISTING WELL		
1. <u>WELL OWNER</u> NAME(S) <u>Dechant Farms</u> Mailing Address <u>4936 WCR 23</u> City, St. Zip <u>Ft. Lupton, CO 80621</u> Phone (303) <u>857-4436</u>		
2. <u>WELL LOCATION: COUNTY</u> <u>Weld</u> <u>OWNER'S WELL DESIGNATION</u> <u>Hudson</u> <u>CO</u> <u>address to be received when building permit received</u> <u>AD</u> (Address) (City) (State) (Zip) <u>NE</u> 1/4 of the <u>SEAD 2599 AD</u> 1/4, Sec. <u>36</u> Twp. <u>3</u> <input checked="" type="checkbox"/> N. or <input type="checkbox"/> S., Range <u>65</u> <input type="checkbox"/> E. or <input checked="" type="checkbox"/> W. <u>6</u> P.M. <u>Distances from Section Lines</u> <u>2350</u> Ft. from <input checked="" type="checkbox"/> N. or <input checked="" type="checkbox"/> S. Line, <u>AD 226'</u> Ft. from <input checked="" type="checkbox"/> E. or <input type="checkbox"/> W. Line.		
3. The well has historically been used for the following purpose(s): <u>livestock and previous domestic use.</u>		
4. Water from the well was first used beneficially by the original owner for the above described purpose(s) on <u>June 3</u> 19 <u>67</u> .		
5. The total depth of this well is <u>60</u> feet.		
6. The pumping rate is <u>15</u> gallons per minute. <u>AD</u>		
7. The average annual amount of water diverted is <u>just over 3</u> acre feet.		
8. The land area of home lawn and garden irrigated from this well is: <u>none</u> <input type="checkbox"/> Acre or <input type="checkbox"/> Square feet, (Number) described as: _____ (Legal Description) or as _____ Subdivision Lot(s) _____ Block _____ Filing/Unit _____		
I (we) have read the statements made herein, know the contents thereof, and state that they are true to my (our) knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a Class 1 misdemeanor.]		
9. Name/Title (Please type or print) <u>DECHANT FARMS</u>		Signature <u>Alvin Dechant</u>
Date <u>12-9-98</u>		
FIELD INSPECTION FOR OFFICE USE ONLY		
FIV LAN ✓ CWCB ✓ WRLV ✓ MAP ✓ MYLAR ✓ SB51 ✓		
231 4815 CHECKS TR#439149 121198 60.00 DIV OF WATER RESOURCES		
State Engineer Court Case No. Div. <u>1</u> By <u>Co. 62</u> WD <u>1</u> Basin MD Date Use		

COLORADO DIVISION OF WATER RESOURCES FIELD INSPECTION REPORT

Please complete this form in INK

appl. receipt no(s) 439149DIV. 1 WD 1DATE OF INSPECTION: 12-30-98PURPOSE OF INSPECTION: LATE REG. ☒ OTHER ☐APPLICANT: Dechant Farmsperson contacted if not applicant: Alvin DechantADDRESS: 4936 WCR 23W.C. name & phone #: John AndersonEt. Lyndon, Co 80621970-356-1775phone: 303-857-4436

EXISTING WELL LOCATION:

NE 1/4, SE 1/4, Sec. 36, Twp. 3N, Rng. 65W, 6th P.M.DIST. 2599' from S sec. line, 226' from E sec. line; County Weld(if repl., give dist. & dir. to new well site - NA)circle type of existing well: DRILLED HAND DUG, SPRING WELL, GALLERY WELL, GRAVEL PIT, OTHER ☐any other wells are located on this parcel? (yes) how many 3, (no); permit #, case #, use? irr. (see back)EST. DATE WELL CONSTRUCTED 1964 DATE OF FIRST USE 1964 EST. PUMPING RATE 15 gpmTOTAL # OF ACRES IN THIS TRACT/PARCEL 160 ACRES

address of property (if different than applicant address): _____

add. subd/parcel info.: _____

acres irrigated (non-exempt/crop irr.) NANAME OF AUG. PLAN? NA

USE OF WELL:

☒ household use in (indicate how many) 1 single family dwelling(s)☒ watering of poultry and/or domestic animals ("domestic animals" would include a few cows, horses, etc.)☒ watering of livestock on a farm or ranch - approx. how many head? 150is this a feed lot? NO; how many head? _____

(it is important to specify estimated historic lawn/garden irr.) irr. _____ square feet/acre of lawn and/or garden

☒ fire protection

commercial - drinking & san. only? (write details in "comments" section)

other (write details in "comments" section)

☒ yes / no

WERE THE USES CHECKED ABOVE INITIATED PRIOR TO MAY 8, 1972?

NOTE: IF ANY CHANGE IN THE HISTORIC USE OF THIS WELL HAS OCCURRED SINCE MAY 8, 1972, please indicate the date(s) the use changed, and discuss this change and/or expansion of the current/proposed use in the "comments" section of this form

(if completing inspection for NON-EXEMPT USES, use comments section below (include case #, # acres irr. if applicable, etc.))

signed: John J. Andersondated: 12/30/98additional comments and/or information: This well was used for a home, domestic uses + stock watering.The well is on 160 A in the SE 1/4 36-3N-65W-6th PM. The well after the new trailer or modular is moved in, will be used for the same uses as before. All is OK.

more room for comments on the back

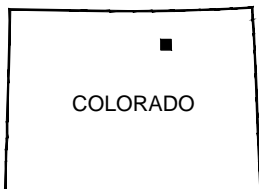
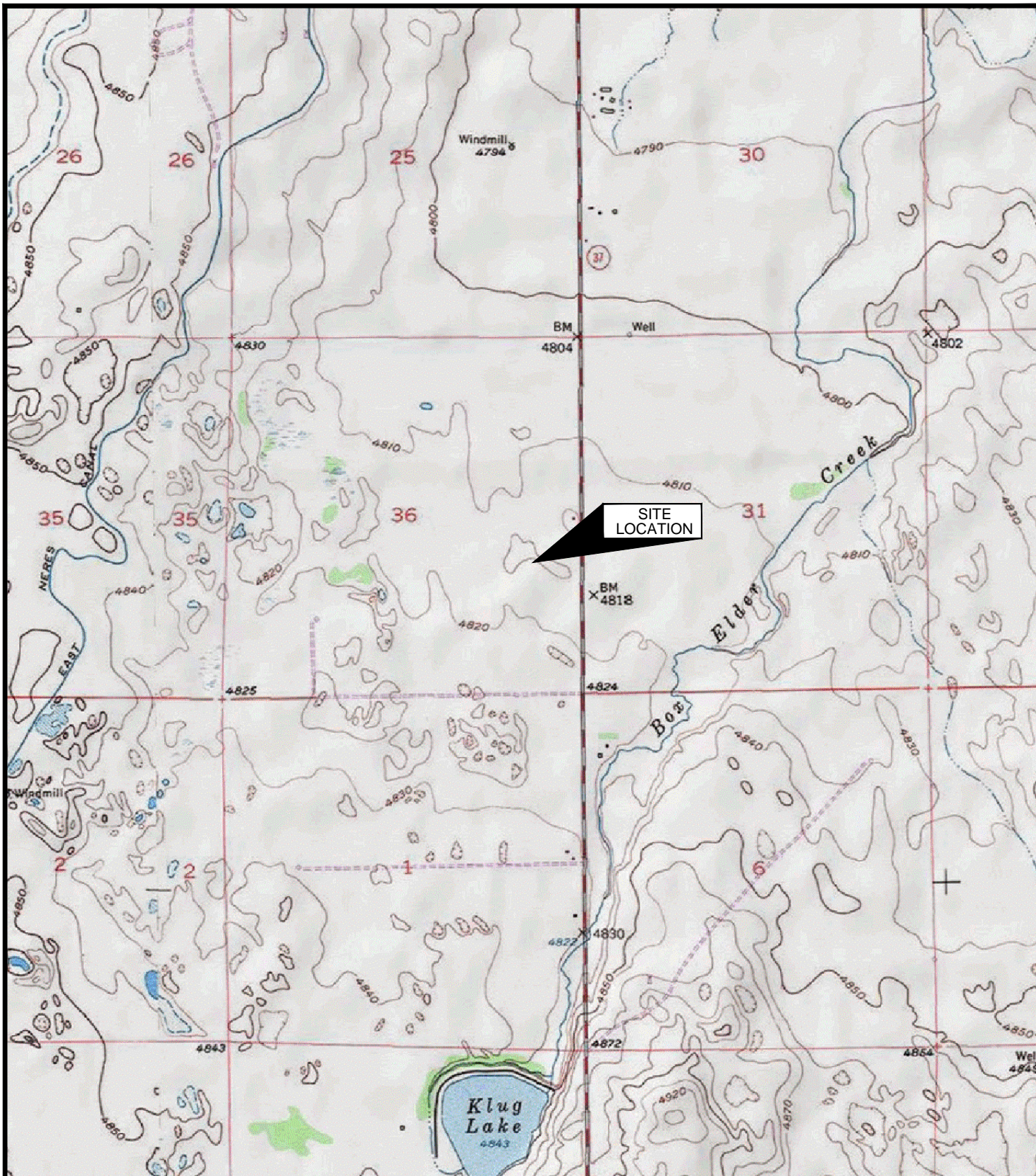
Page 2, FIELD INSPECTION REPORT

Well # 11724-F, W2356

Well # 11185-F, W4716

Well # 11186-F, W4716

FIGURES



COLORADO

■ QUADRANGLE LOCATION

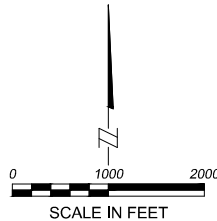


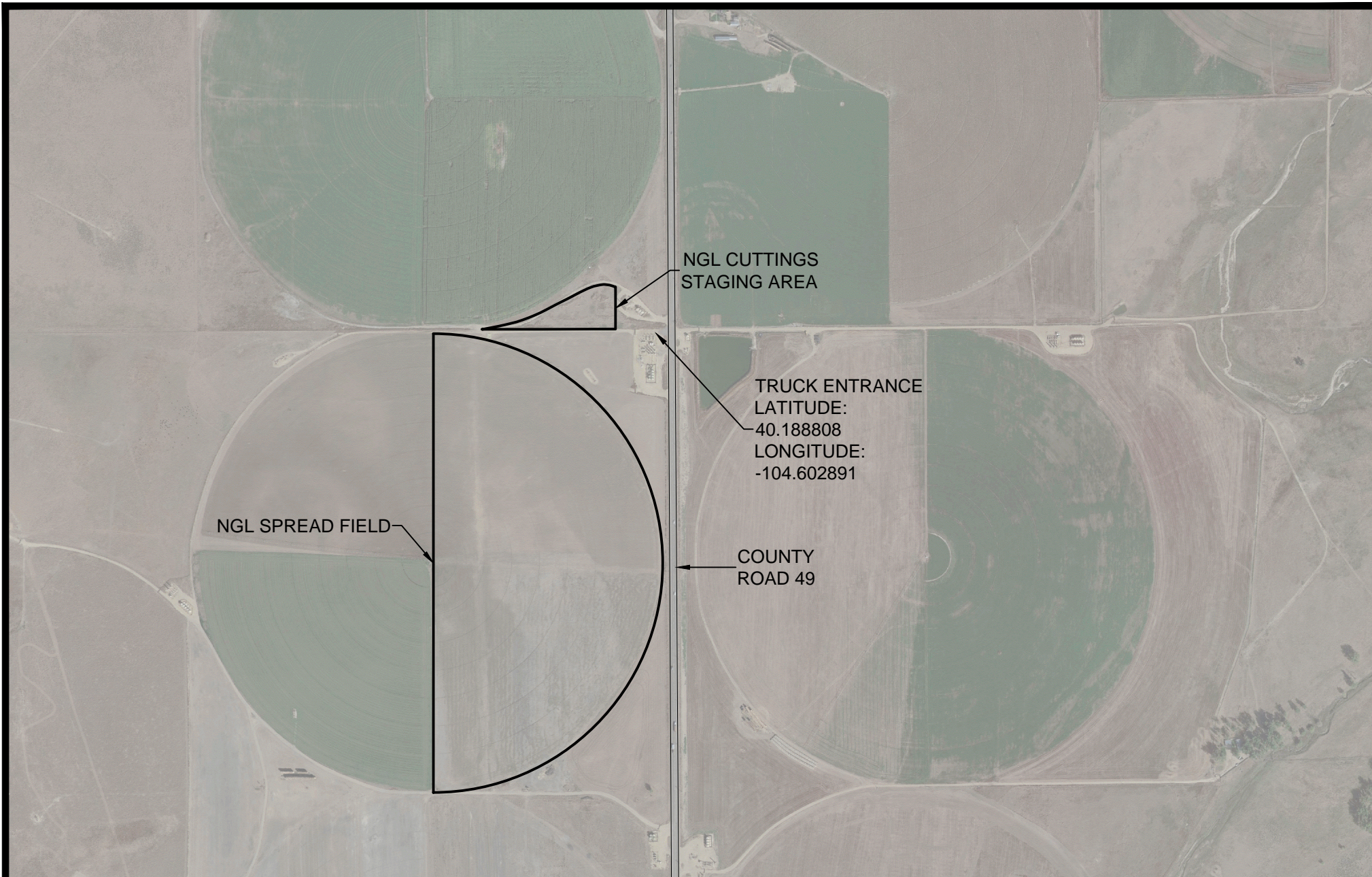
FIGURE 1 SITE LOCATION MAP

NGL SPREAD FIELD
DECHANT PROPERTY - (C2C, C2D & C3B WELLS)
NE 1/4, SE 1/4, Sec. 36, T3N, R65W
FORT LUPTON, COLORADO

PROJECT:
1-12556-16037aa
DATE:
3/08/2016

DRAFT:
MSP
REVIEW:





NORTH

0 150 300 450 600 750

SCALE IN FEET

FIGURE 2
SITE DETAILS MAP

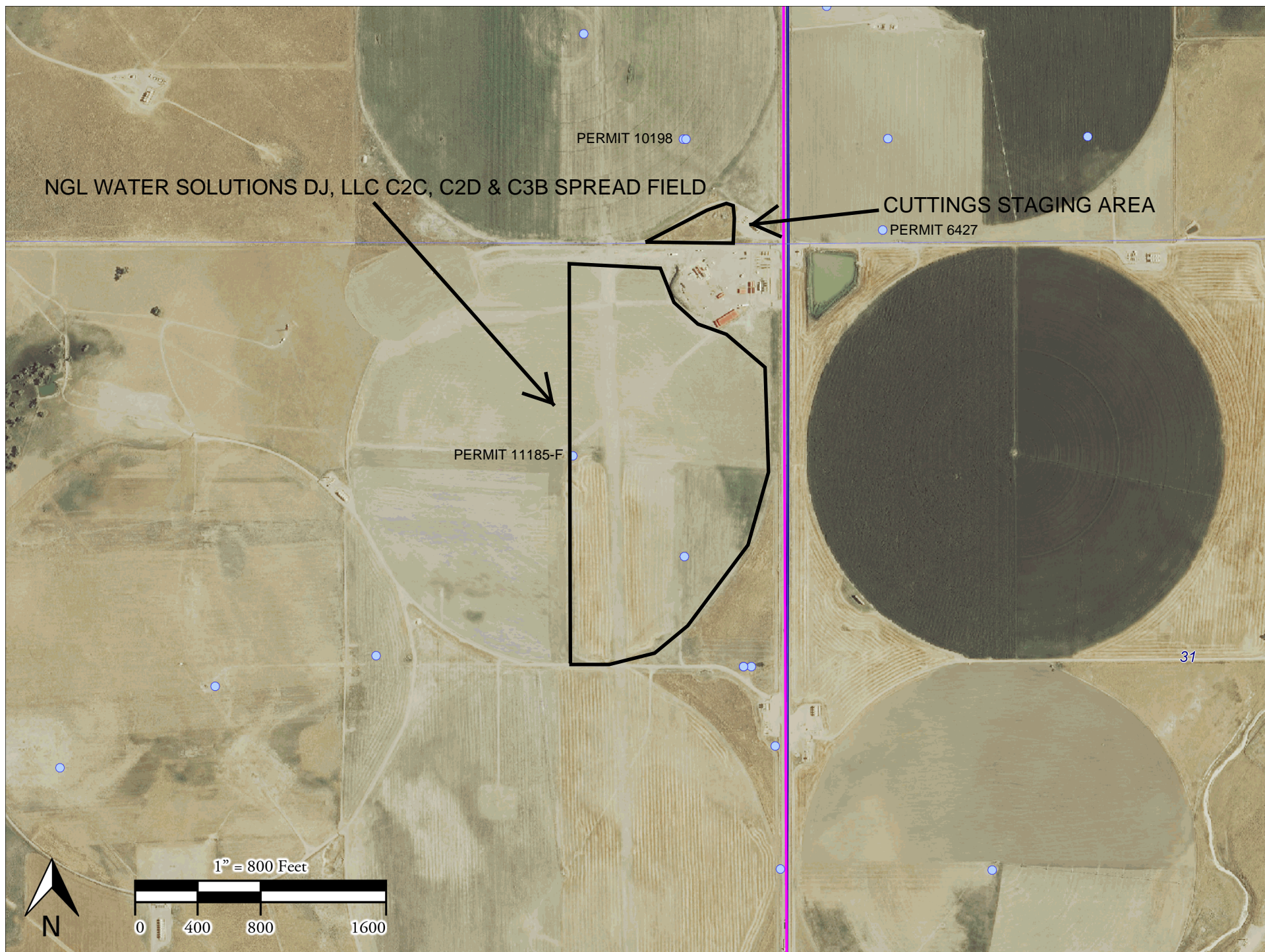
NGL SPREAD FIELD
DECHANT PROPERTY
NE 1/4, SE 1/4, SEC. 36, T3N, R65W
FORT LUPTON, COLORADO

PROJECT:
1-12556-16037aa
DATE:
3/9/2016

DRAFT:
DRS
REVIEW:



FIGURE 3: DIVISION OF WATER RESOURCES WATER WELLS WITHIN ONE QUARTER MILE OF NGL SPREAD FIELD



NOTE: BLUE CIRCLE INDICATES WATER WELLS

FIGURE 4: SENSITIVE WILDLIFE HABITAT AREAS AND RESTRICTED SURFACE OCCUPANCY AREAS: NGL SPREAD FIELD

