

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-029-42545	2 Pool Code 96101	3 Pool Name SWD; DEVONIAN
4 Property Code 39361	5 Property Name Halfway SWD FEDERAL	6 Well Number 1
7 OGRID No 289936	8 Operator Name R360 PERMIAN BASIN LLC	9 Elevation 3533.06'

10 Surface Location

UL or lot no. M	Section 22	Township 20S	Range 32E	Lot Idn	Feet from the 845'	North/South line South	Feet from the 1030'	East/West line West	County Lea
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 640	13 Joint or Infill	14 Consolidation Code U	15 Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>Proposed SWD Well #1 Gr. Elev = 3534.7' Lat = N32°33'13.64391" Long = W103°45'33.54122" NMSP East Zone (NAD 83) N = 565676.199' E = 718199.164' NMSP East Zone (NAD 27) N = 565614.209 E = 677018.632</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Chris Ruane</i> 12-23-2014 Signature Date</p> <p>Chris Ruane Printed Name</p> <p>ChrisR@WasteConnections.com E-mail Address</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p><i>William M. Hicks III</i> Date of Survey Signature and Seal of Professional Surveyor:</p> <p>12-9-2014</p> <p>WILLIAM M. HICKS III NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 12348</p>
	<p>Certificate Number</p>
	<p>19</p>

MAY 07 2015



McKinney, Deborah <dmckinne@blm.gov>

APD Halfway SWD 1

1 message

McKinney, Deborah <dmckinne@blm.gov>

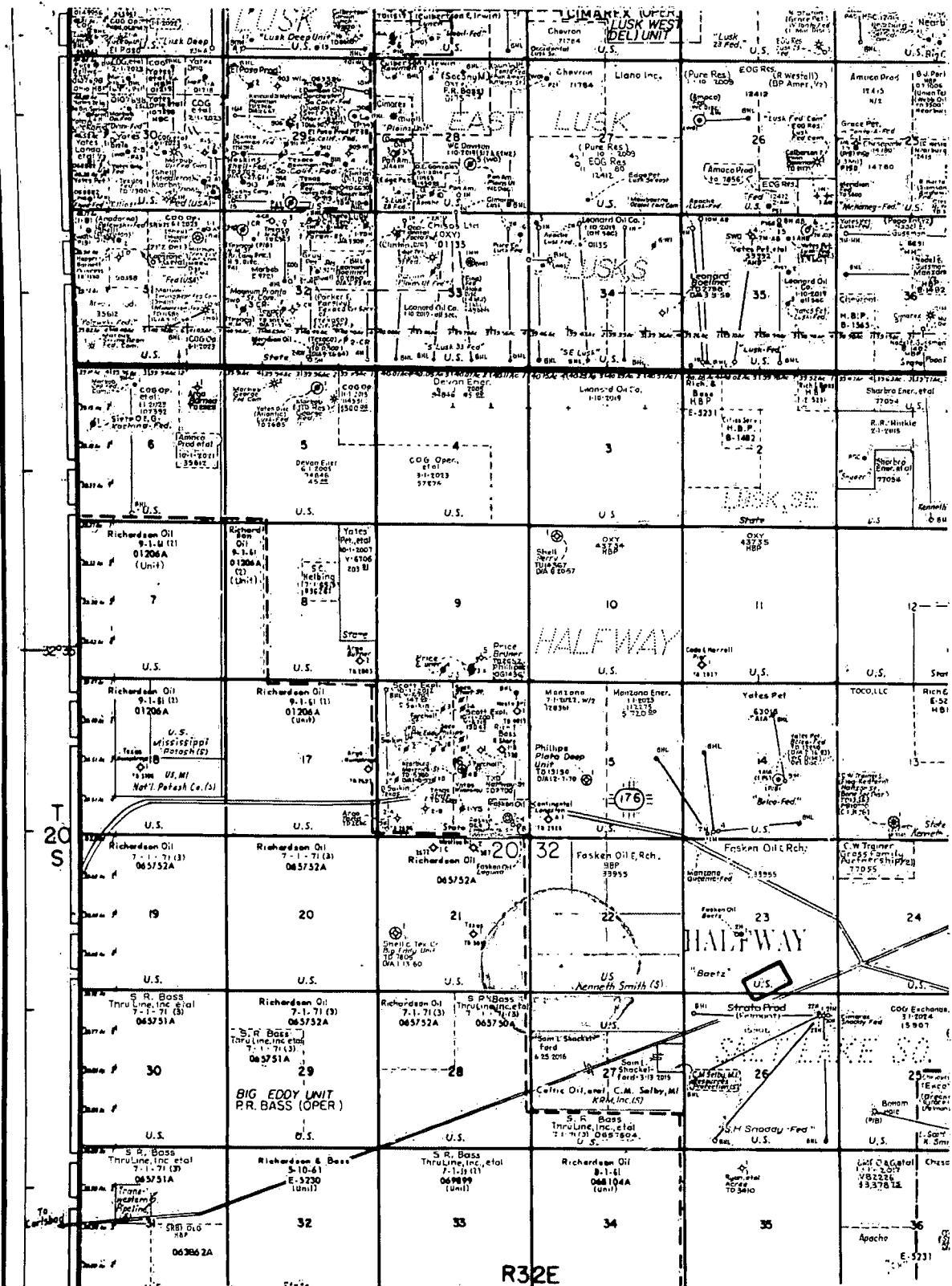
Tue, Mar 10, 2015 at 12:46 PM

To: jeremy@laenvironmental.com

Jeremy, my name is Debbie McKinney, I am entering your APD Halfway SWD #1, but on your C-102 form (plat) you need to have the correct name of the company, it is showing Waste Connections Inc., also it needs to be signed under the operator certification on the bottom right side of this form. I will need for you to send in an original signature & 3 copies, you can send them to me to my attention. Thank You

Debbie McKinney
Legal Instruments Examiner
Bureau of Land Management
Carlsbad Field Office
620 E. Greene Street
Phone: 575-234-5931

Keep America Free



R32E



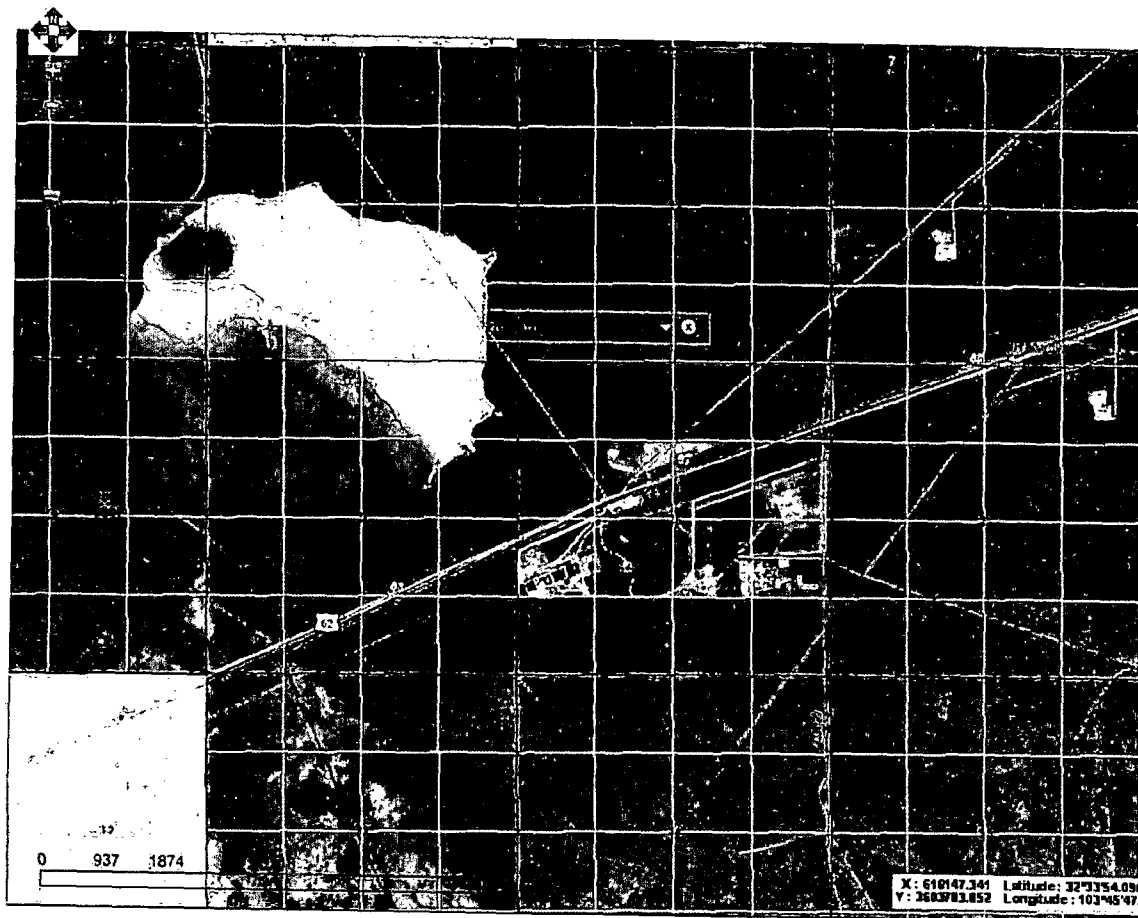
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STATE LAND OFFICE

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Oil and Gas, Minerals Map Service



☐ Map ☐ Relief ☒ Imagery ☐ Topo



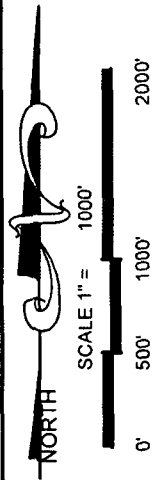
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STATE LAND OFFICE

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310 Old Santa Fe Trail, Santa Fe NM 87501
P.O. Box 1148, Santa Fe, NM 87504
505-827-5760
505-827-5766 (Fax)

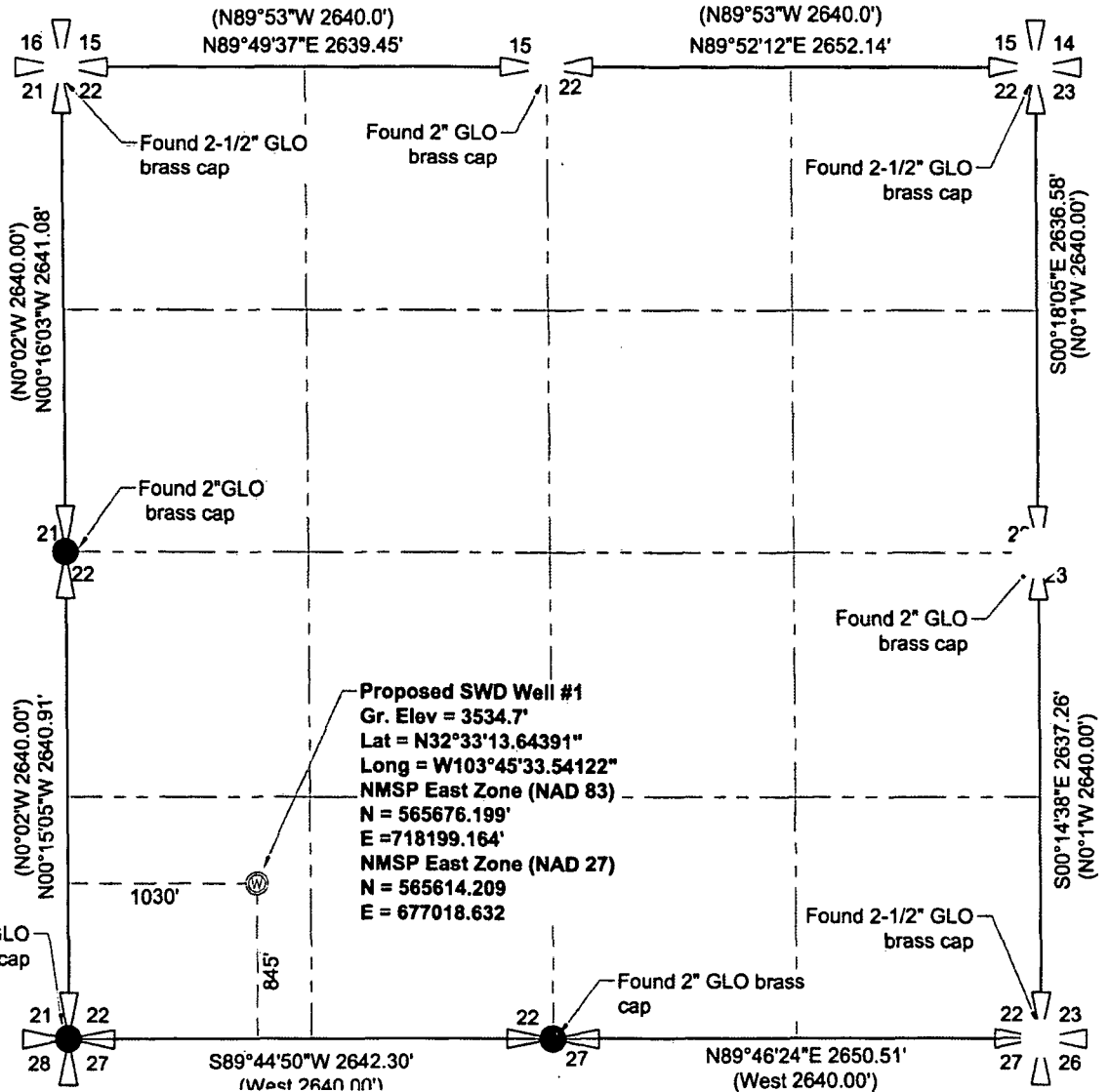


W. M. Hicks
12-9-2014



BASIS OF BEARING

The basis of bearing for this survey is Grid North based on the New Mexico State Plane Coordinate System, East Zone, as determined by GPS/GNSS observations. Ground coordinates are modified by scaling about a control point located at N32°33'16.12900", W103°45'25.76763" by a combined scale factor of 0.99976940408. True north can be obtained by applying a convergence angle of -00°18'25.42 at a found 2-1/2" brass cap being used as the south west corner of Section 22



LEGEND

- Well location
- Found section corner
- Calculated Corner
- Measured bearing and distance
- Record bearing and distance

INDEXING INFORMATION FOR COUNTY CLERK

OWNER:

Controlled Recovery, Inc.

LOCATION:

SW1/4, Section 22, T20N, R32E, N.M.P.M.,
Lea County, New Mexico

Well #1 Location Survey OF Halfway Site

FOR
Waste Connections, Inc.



PETTIGREW
& ASSOCIATES PA

ENGINEERING | SURVEYING | TESTING
DEFINING QUALITY SINCE 1965

100 E. Navajo - Suite 100, Hobbs New Mexico 88240
T 575 393 9827 F 575 393 1543
Pettigrew.us

REVISIONS

No.	DATE	DESCRIPTION

PROJECT SURVEYOR:
M. Kneeland

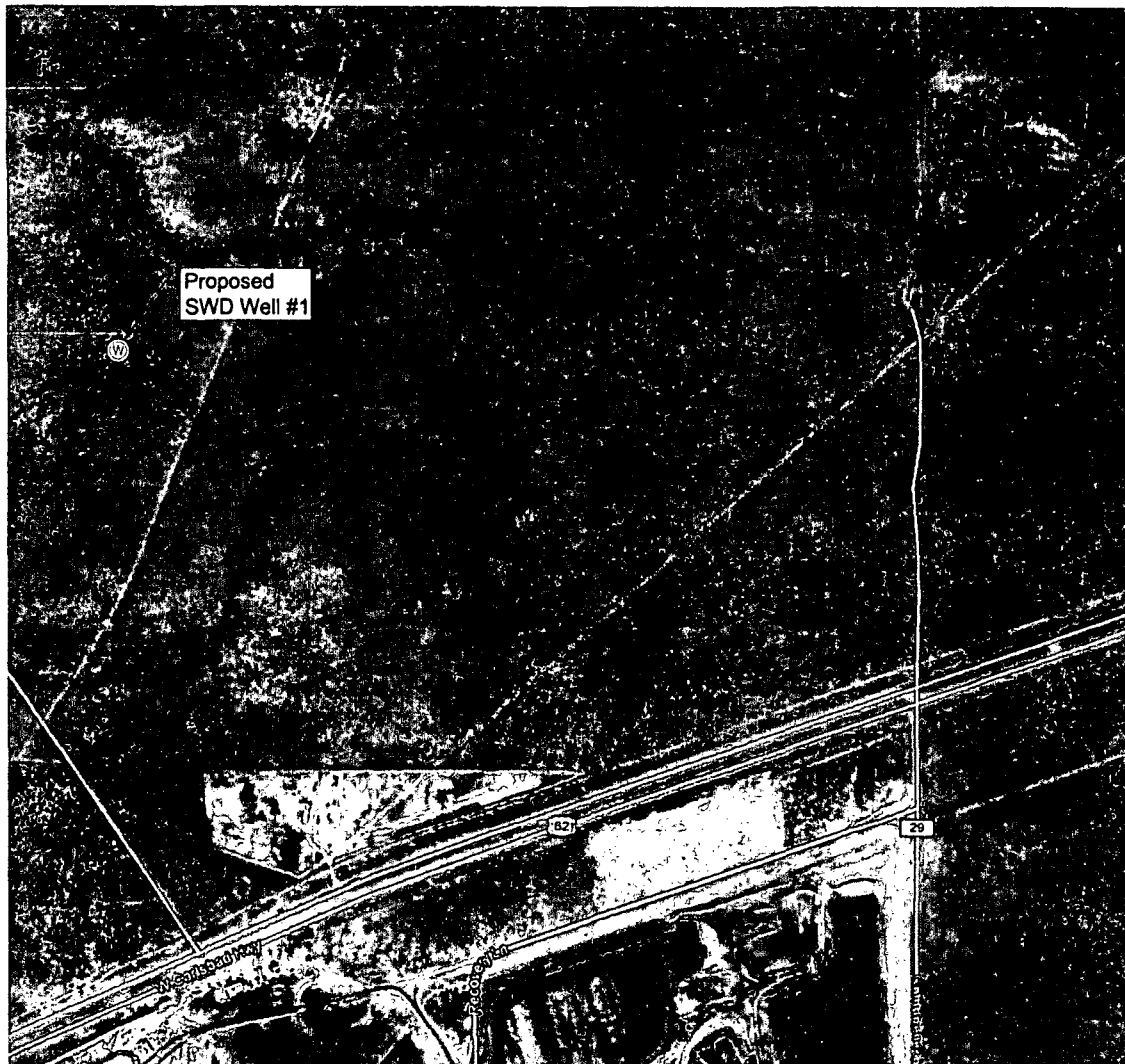
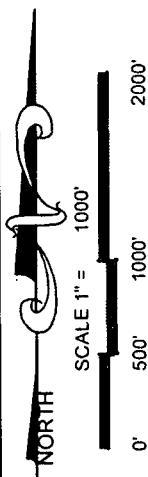
DRAWN BY:
M. Mata

PROJECT NUMBER:
2013.1117

SHEET
1 of 3
SU - 100



William M. Hicks III
12-9-2014



**INDEXING INFORMATION
FOR COUNTY CLERK**

OWNER:

Controlled Recovery, Inc.

LOCATION:

SW1/4, Section 22, T20N, R32E, N.M.P.M.,
Lea County, New Mexico

**Well #1 Location
Survey
OF
Halfway Site**

FOR
Waste Connections, Inc.



**PETTIGREW
& ASSOCIATES PA**

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DEFINING QUALITY SINCE 1965

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REVISIONS

No.	DATE	DESCRIPTION

PROJECT SURVEYOR:
M. Kneeland

DRAWN BY:
M. Mata

PROJECT NUMBER:

2013.1117

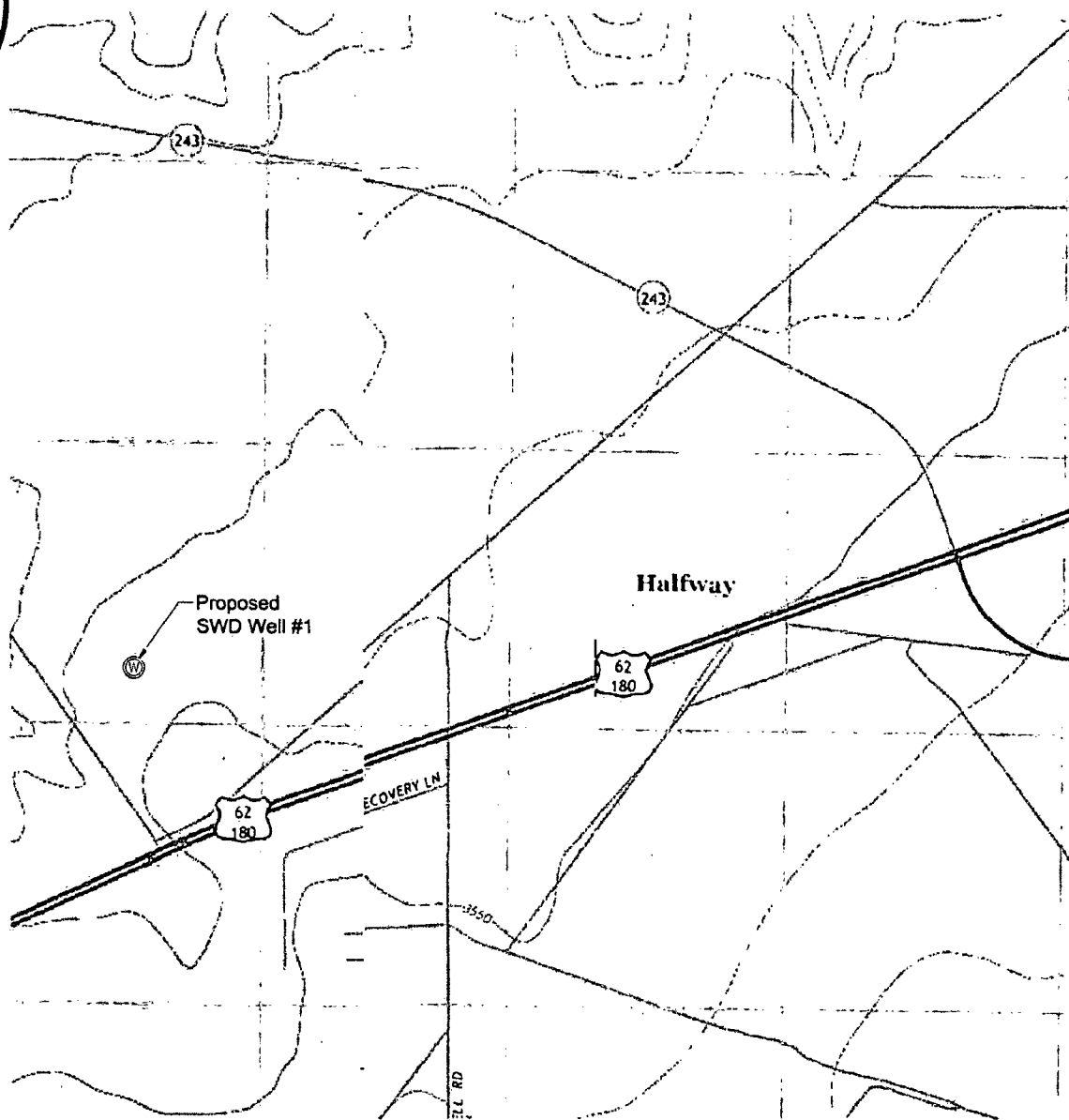
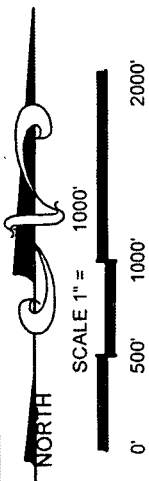
SHEET

2 of 3

SU - 101



William M. Hicks III
12-9-2014



INDEXING INFORMATION
FOR COUNTY CLERK

OWNER:

Controlled Recovery, Inc.

LOCATION:

SW1/4, Section 22, T20N, R32E, N.M.P.M.,
Lea County, New Mexico

Well #1 Location
Survey

OF

Halfway Site

FOR
Waste Connections, Inc.



PETTIGREW
& ASSOCIATES PA

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REVISIONS

No.	DATE	DESCRIPTION

PROJECT SURVEYOR:
M. Kneeland

DRAWN BY:
M. Mata

PROJECT NUMBER:
2013.1117

SHEET
3 of 3
SU - 102

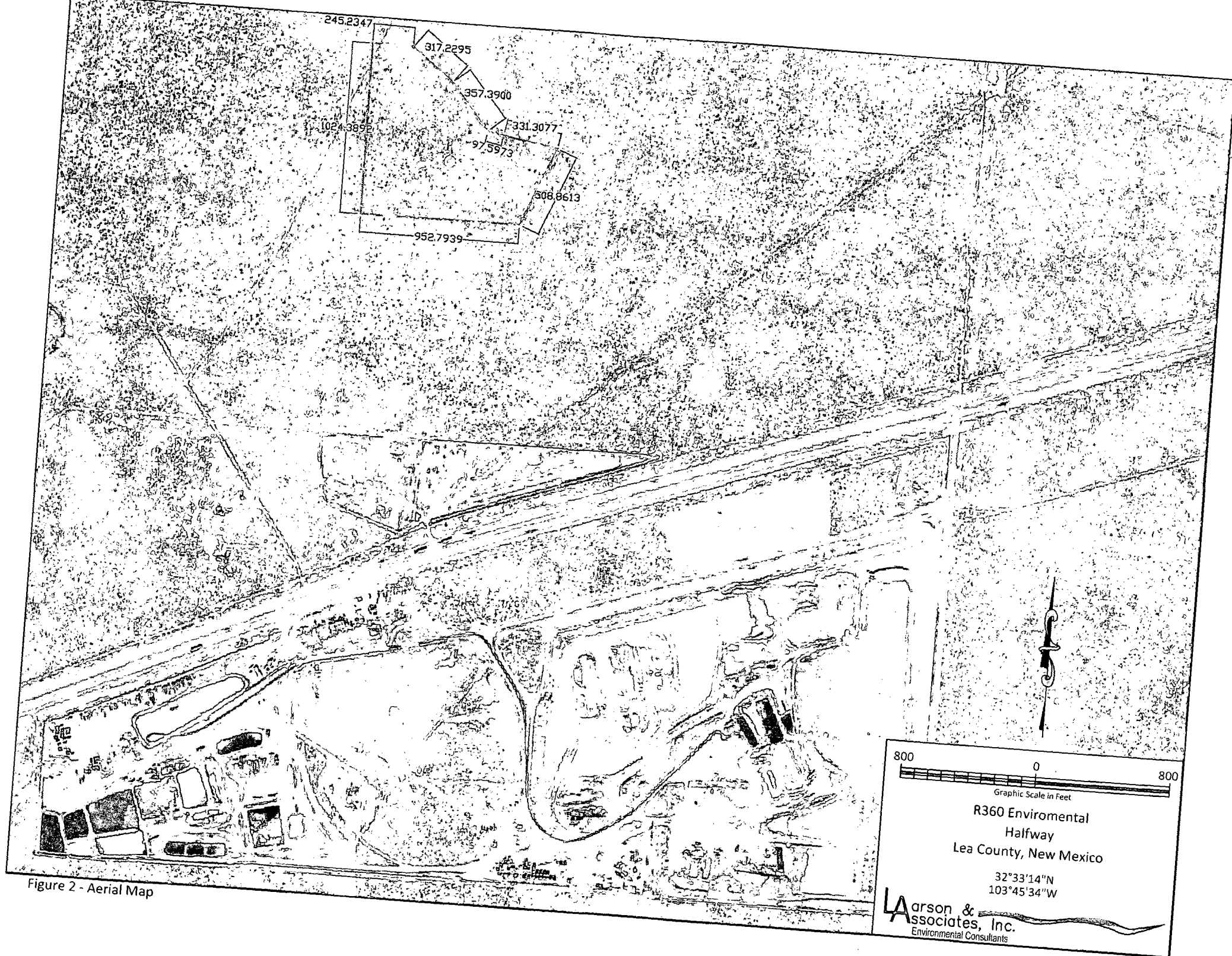


Figure 2 - Aerial Map

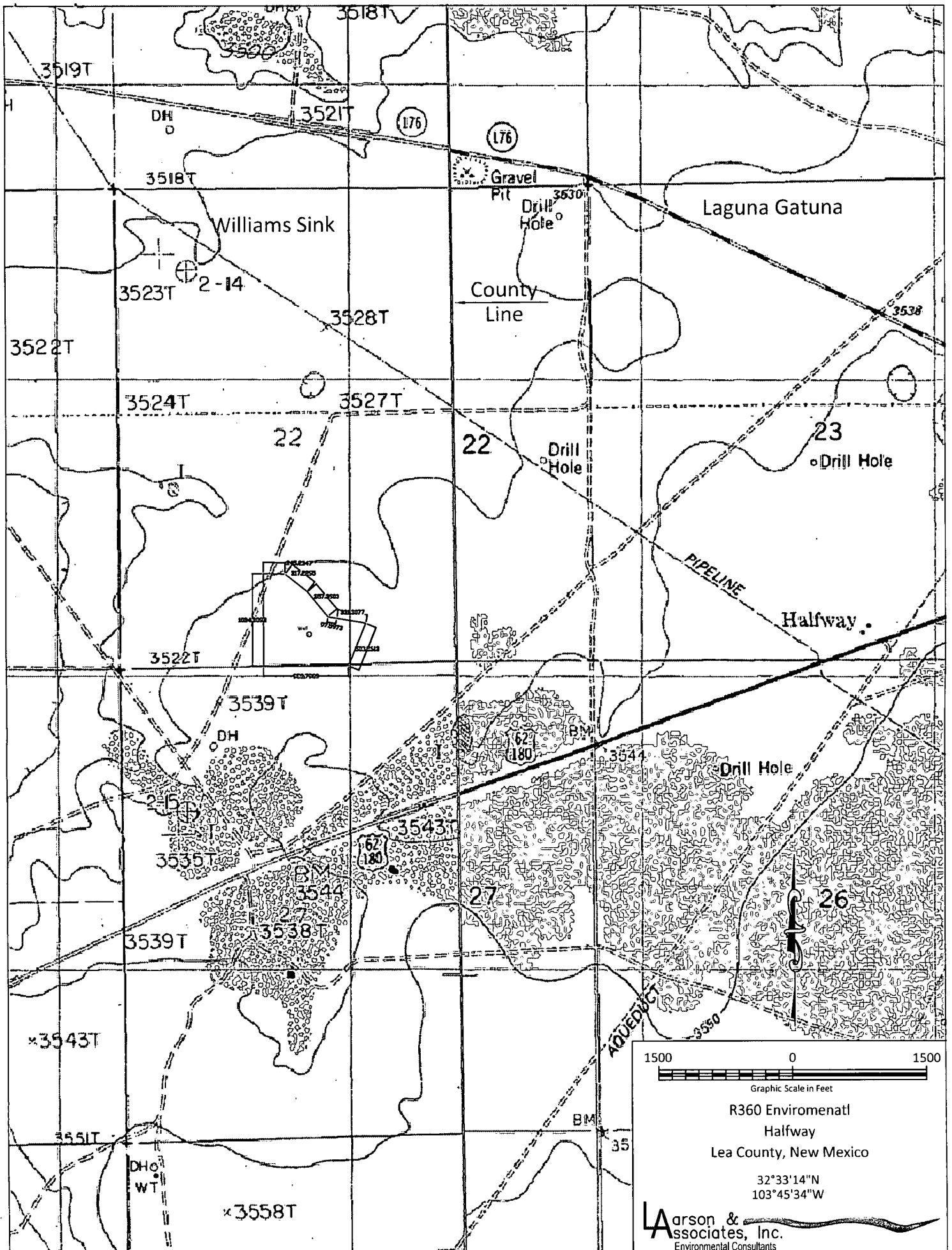


Figure 1 - Topographic Map



Boundary Survey

Located in the SW1/4 of Section 22, T20S, R32E, N.M.P.M., Lea County, New Mexico

RECORD DESCRIPTIONS

Section 22, Township 20, Range 32, N.M.P.M., Lea County, New Mexico

ROAD EASEMENT

A tract of land located in the southwest corner of Section 22, T20S, R32E, N.M.P.M., Lea County, New Mexico and being more particularly described by metes and bounds as follows:

Commencing at a found 2" brass cap being the south quarter corner of Section 22; thence S89°44'50"W 1214.49 feet along the south line of Section 22, to a calculated point; thence N00°15'10"W 500.00 feet to calculated point for the Point of Beginning of the centerline of the road easement having 25.00 feet on the left and right of the centerline, being a total of 50.00 feet wide; thence S00°00'00"E along the centerline 103.22 feet to a calculated point; thence along the centerline 90.52 feet along the arc of a 200.00 foot radius curve to the right, having a delta angle of 25°55'53" and a chord bearing S12°57'56"E 89.75 feet to a calculated point; thence S25°55'53"W along the centerline 1387.19 feet to a calculated point; thence along the centerline 405.59 feet along the arc of a 200.00 foot radius curve to the left, having a delta angle of 116°11'37" and a chord bearing S32°09'55"W 339.58 feet to a calculated point; thence N89°44'16"E along the centerline 2571.33 feet to a calculated point; thence along the centerline 153.42 feet along the arc of a 125.00 foot radius curve to the right, having a delta angle of 70°19'20" and a chord bearing S54°50'20"E 143.97 feet to a calculated point; thence S19°40'40"E along the centerline 100.00 feet to a calculated point for the Point of Ending.

Containing a total of 5.52 acres

LEGAL DESCRIPTION - DRILLING ISLAND

A tract of land located in the southwest corner of Section 22, T20S, R32E, N.M.P.M., Lea County, New Mexico and being more particularly described by metes and bounds as follows:

Commencing at a found 2-1/2" GLO brass cap being the southwest corner of Section 22; thence N89°44'50"E along the south line of Section 22, 500.00 feet to a calculated point; thence N00°15'05"W 500.00 feet to a set 5/8" rebar with red plastic cap marked "HICKS NMPS 12348" for the Point of Beginning; thence N00°15'05"W 1024.40 feet to a set 5/8" rebar with red plastic cap marked "HICKS NMPS 12348"; thence S68°44'01"E 245.23 feet to a set 5/8" rebar with red plastic cap marked "HICKS NMPS 12348"; thence S52°33'41"E 317.19 feet to a set 5/8" rebar with red plastic cap marked "HICKS NMPS 12348"; thence S39°19'20"E 362.46 feet to a set 5/8" rebar with red plastic cap marked "HICKS NMPS 12348"; thence S80°32'37"E 428.78 feet to a set 5/8" rebar with red plastic cap marked "HICKS NMPS 12348"; thence S22°12'43"W 508.90 feet to a set 5/8" rebar with red plastic cap marked "HICKS NMPS 12348"; thence S89°44'57"W 952.79 feet to the Point of Beginning.

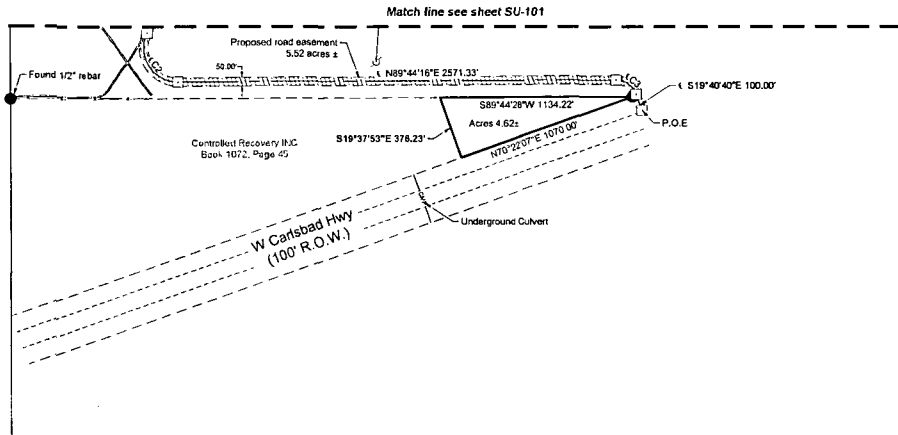
Containing a total of 18.50 acres

CERTIFICATE OF SURVEY

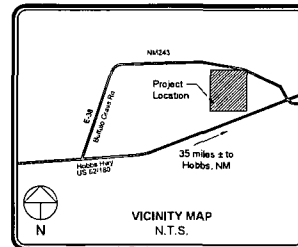
I, William M. Hicks, III New Mexico Professional Surveyor, hereby certify that this Boundary Survey Plat was prepared from an actual ground survey performed by me or under my supervision, that this survey is true and correct to the best of my knowledge and belief. I further certify that this survey is not a land division or subdivision as defined in the New Mexico Subdivision Act and that this instrument is a Boundary Survey Plat of an existing tract or tracts.

William Hicks
William M. Hicks, III NMPS #12348

09 December 2014
Date



Curve Table					
Curve #	Length	Radius	Delta	Chord Bearing	Chord Distance
C1	90.52'	200.00'	25°55'53"	S12°57'56"W	89.75'
C2	405.59'	200.00'	116°11'37"	S32°09'55"E	339.58'
C3	153.42'	125.00'	70°19'20"	S54°50'20"E	143.97'

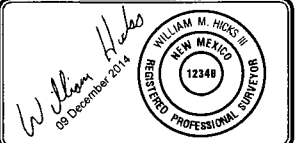


LEGEND	
Found as noted	
Set 5/8" rebar with red plastic cap marked "HICKS NMPS 12348"	
Calculated point	
Found section corner	
Found quarter section corner	
Section corner	
Proposed injection well	
Section line	
Quarter section line	
Property line	
Barbed wire fence	
Over head electrical line	
Dirt road	
Measured bearing and distance	XX°XX'XX" XX.XX'
Record bearing and distance	(XX°XX'XX" XX.XX')



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Pettigrew.us

PROJECT SURVEYOR: J. Baker
DRAWN BY: M. Mata



INDEXING INFORMATION FOR COUNTY CLERK

OWNER:
Waste Connections, Inc

LOCATION:
Located in the SW1/4 of Section 22, T20S, R32E, N.M.P.M., Lea County, New Mexico

REVISIONS

No.	DATE	DESCRIPTION

State of New Mexico, County of _____
I here by certify that this instrument was filed for record on:

The _____ Day of _____
20 ____ A.D.
At _____ O'Clock _____ M.
Cabinet _____ Slide _____
Book _____ Page _____
By _____
County Clerk
By _____
Deputy

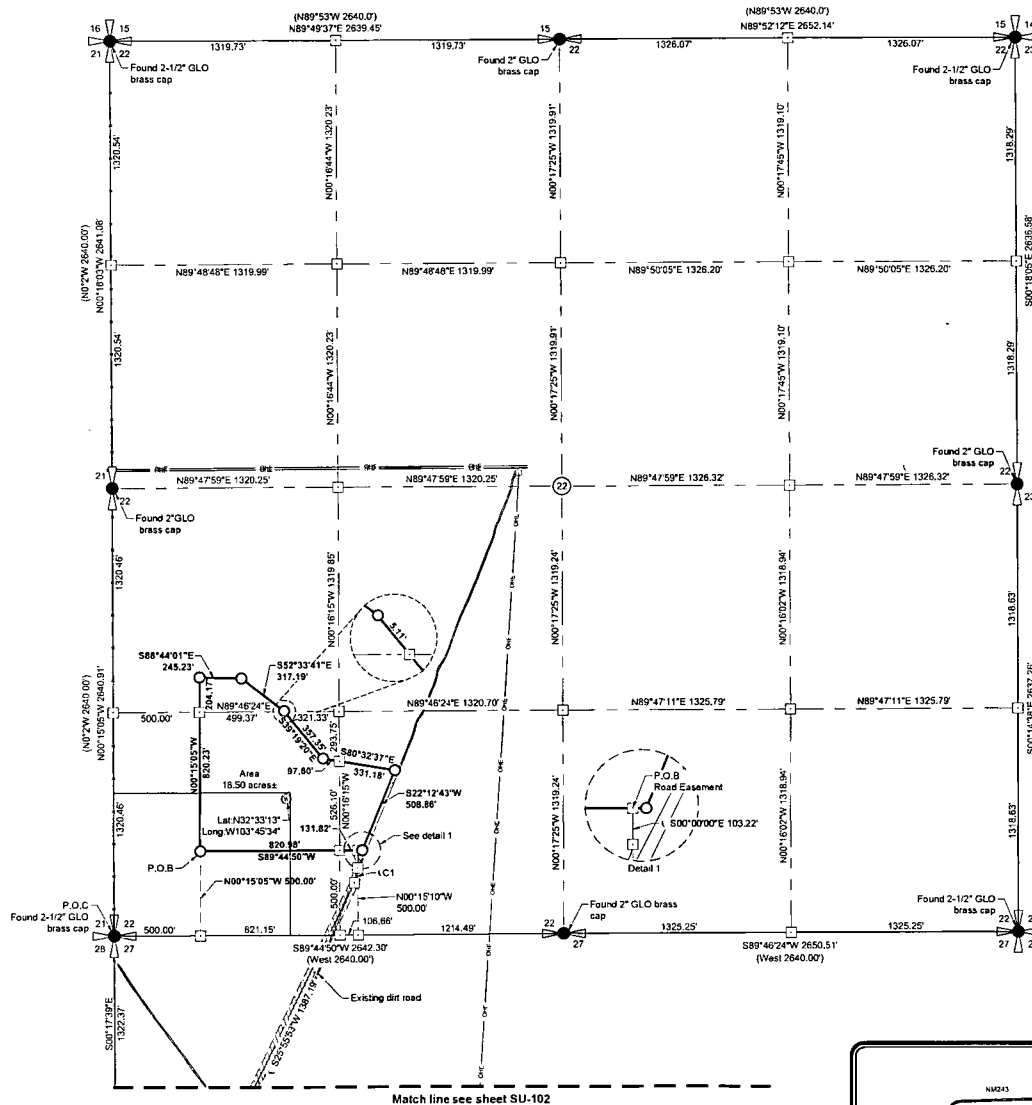
BOUNDARY SURVEY
OF
Halfway
FOR
Chris Ruane

PROJECT NUMBER:
2013.1117

SHEET: 2 of 2
SU - 102

Boundary Survey

Located in the SW1/4 of Section 22, T20S, R32E, N.M.P.M., Lea County, New Mexico



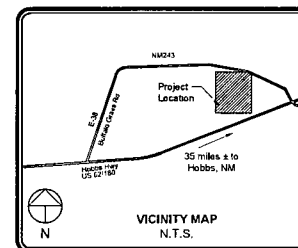
BASIS OF BEARING

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C3	153.42'	125.00'	70°19'20"	S54°50'20"E 143.97'

LEGEND

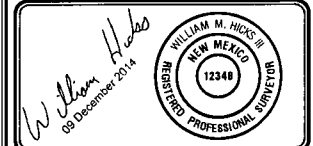
- Found as noted
- Set 5/8" rebar with red plastic cap marked "HECKS NMPS 12348"
- Calculated point
- ✦ Found section corner
- ✧ Found quarter section corner
- ⊙ Section section corner
- ⊙ Proposed injection well
- Section line
- - - Quarter section line
- - - Property line
- - - Barbed wire fence
- - - Over head electrical line
- Dirt road
- XX'XX'XX" XX'XX' Measured bearing and distance
- (XX'XX'XX" XX'XX') Record bearing and distance



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PROJECT SURVEYOR: J. Baker
DRAWN BY: M. Mata



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20 ____ A.D.

At _____ O'Clock _____ M.

Cabinet _____ Slide _____

Book _____ Page _____

By _____
County Clerk

By _____
Deputy

BOUNDARY SURVEY

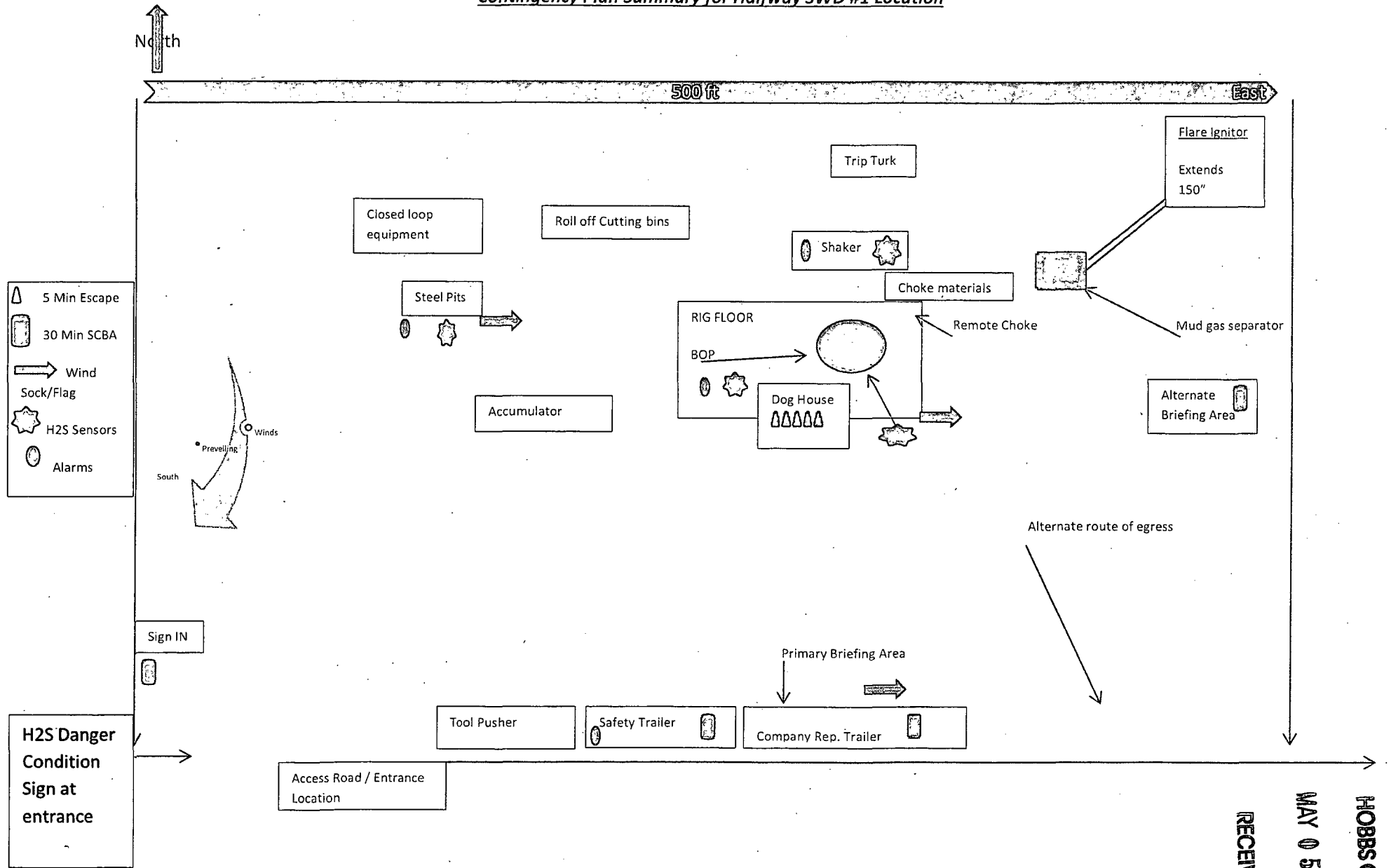
OF
Halfway

FOR
Chris Ruane

PROJECT NUMBER:
2013.1117

SHEET: 1 of 2
SU - 101

Contingency Plan Summary for Halfway SWD #1 Location



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MAY 05 2015

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