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Report Quail State 16 No. 3H Corrective Action



Prepared For:

Precision Drilling (US) Company 10350 Richmond Ave, Suite 700 Houston TX 77042

Prepared By:Etech Environmental & Safety Solutions, Inc.Date Prepared:February 12, 2014Project Number:328-3657-001

approved Environmental Specialist NMOCD-DIST 1 02/18/14

1RP-5043



Report Quail State 16 No. 3H Corrective Action

Prepared By:

Holmes

Fred Holmes Project Manager

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Reviewed By:

Shane Estep P.G. Senior Environmental Scientist



Prepared For: Precision Drilling (US) Company 10350 Richmond Ave, Suite 700 Houston TX 77042

Date Prepared:February 12, 2014Project Number:328-3657-001

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Executive Summary

On April 26, 2012, Fasken Oil and Ranch Ltd (Fasken) reported a release of brine water that occurred on April 24, 2012. In summary, the release was from the overflow during the filling of a water tank with brine water from the drilling reserve pit on the Quail State 16 No. 3H (API No. 30-025-40361) drilling pad. The release migrated off of the drilling/production pad (pad) and migrated northward along the west side of the reserve pit and south along the west edge of the pad before turning westward.

Etech Environmental & Safety Solutions, Inc. (Etech) was retained by Precision Drilling (US) Company to perform an assessment of the impact area from release. From October 2012 through July 2013, Etech performed a series of assessments on the area of the release. The impacted area measured approximately 225 feet long on its north south axis and 120 feet on the east-west axis. The width varied at approximately 25 feet on the northern portion of the impacted area, 10-15 feet in the southern section, and 15 feet wide on the lower western section. The depth of the release varied from 1-2 foot in the western section, 10 feet in the southern section near the pad, 3-4 feet in the section adjacent to the reserve pit and 7-8 feet in the uppermost northern section.

Because of the length and shape of the impacted area, it was initially divided into 4 sections or "Areas". Excavation of the impacted areas commenced in December, 2013. As soil was excavated, clean soil over the top of the impacted soils were segregated from impacted soils. Impacted soils were stockpiled and loaded for transport to the Lea Land Landfill in Carlsbad, New Mexico.

As areas were excavated, they were routinely screened and samples were collected and sent for laboratory analysis for chlorides. When regulatory threshold levels were met, the data on a given area was sent to the New Mexico Oil Conservation Division (NMOCD) office in Hobbs, New Mexico for approval for backfill. Once approval was received, the area was backfilled to surface and graded to match existing topography.

Upon the completion of the corrective action activities presented in this report, the impact associated with the brine water release at the Quail State 16 No. 3H has been remediated in accordance with NMOCD regulations.

Introduction

On April 26, 2012, Fasken Oil and Ranch Ltd (Fasken) reported a release of brine water that occurred on April 24, 2012. In summary, the release was from the overflow during the filling of a water tank with brine water from the drilling reserve pit on the Quail State 16 No. 3H (API No. 30-025-40361) drilling pad. The release migrated off of the drilling/production pad (pad) and migrated northward along the west side of the reserve pit and south along the west edge of the pad before turning westward. A copy of the C-141 submitted by Fasken is provided in <u>Attachment A</u>.

Etech Environmental & Safety Solutions, Inc. (Etech) was retained by Precision Drilling (US) Company to perform an assessment of the impact area from release. From October 2012 through July 2013, Etech performed a series of assessments on the area of the release. From the assessment it was determined the release was a reversed "L" shaped area. The impacted area measured approximately 225 feet long on its north south axis and 120 feet on the east-west axis. The width of the release area varied at approximately 25 feet wide on the northern portion of the impacted area, 10-15 feet wide in the southern section, and 15 feet wide on the lower western section. The depth of the release varied from 1-2 foot in the western section, 10 feet in the southern section near the pad, 3-4 feet in the section adjacent to the reserve pit and 7-8 feet in the uppermost northern section. A copy of the release map generated from the assessment is provided in <u>Attachment B</u>.

Because of the length and shape of the impacted area, it was initially divided into 4 sections or "Areas". Excavation of the impacted areas commenced in December, 2013. As areas were excavated, they were routinely screened and samples were collected as per approved plan by the NMOCD and sent for laboratory analysis for chlorides. A site diagram showing the excavation Areas and their subsequent dimensions is provided in <u>Attachment C</u>.

Discussion on the excavation of each area and other associated aspects are presented below and in the following pages.

Corrective Action Activities

Area 4

On December 19, 2013, Etech performed a clearance sampling event on the excavated area known as Area 4. This area was located at the furthermost north section of the impacted area and bounded the west side of the former reserve pit area. Samples were collected from specific areas of the excavation which had been excavated to 13 feet below ground level. The samples (SP1, SP2) were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical results are presented as follows:

Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP1	East Wall	8	<16.0
SP1	West Wall	8	<16.0
SP1	North Wall	8	<16.0
SP1	Bottom	13	<16.0
SP1/2	Bottom	10	<16.0

Note: The sample labeled SP1/2 was from SP 2. However, the lab reported this as SP1. Therefore the I.D. for this report of "1/2" is used.

Based upon the results of the analyses, Area 4 was determined to be cleared for chlorides to the corrective action levels of 1,000 mg/kg or less. A copy of the data was electronically submitted to the New Mexico Oil Conservation Division (NMOCD) in Hobbs, New Mexico. The NMOCD approved backfilling of Area 4. A summary of the sample locations and analytical data are provided in <u>Attachment D-D1</u>.

Area 3

On December 20, 2013, Etech performed a clearance sampling event on the excavated area known as Area 3. This area was located directly south of Area 4 and bounded the west side of the former reserve pit area. Samples (SP3 – SP13) were collected from specific areas of the excavation which had been excavated to 11 feet below ground level. The samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical results are presented as follows:

Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP3	West Wall	4	<16.0
SP3	East Wall	4	528
SP3	Bottom	11	48.0
SP4	West Wall	4	<16.0
SP4	East Wall	4	224
SP4	Bottom	11	80.0

Additional sampling was performed on December 22, 2013 for the remainder of the Area 3 excavation, and to ensure the sidewalls were cleared at lower depths (>4-ft). The samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical results are presented as follows:

Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP3	East Wall	8	4320
SP3	West Wall	8	32.0
SP4	Bottom	13	608
SP4	East Wall	7	4080
SP4	West Wall	7	1040
SP5	Bottom	13	192
SP5	East Wall	7	32.0
SP5	West Wall	7	64.0
SP6	Bottom	13	240
SP6	East Wall	7	256
SP6	West Wall	7	1440
SP7	Bottom	13	1840
SP7	East Wall	7	5040
SP7	West Wall	7	1920
SP8	Bottom	13	560
SP8	East Wall	7	7760
SP8	West Wall	7	800
SP9	Bottom	13	544
SP9	East Wall	7	32.0

Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP9	West Wall	7	224
SP10	Bottom	13	192
SP10	East Wall	7	16.0
SP10	West Wall	7	48.0
SP11	Bottom	13	48.0
SP11	East Wall	7	16.0
SP11	West Wall	7	16.0
SP12	Bottom	13	64.0
SP12	East Wall	7	16.0
SP12	West Wall	7	<16.0
SP13	Bottom	13	<16.0
SP13	East Wall	7	<16.0
SP13	South Wall	7	<16.0
SP13	West Wall	7	<16.0

Note: All bottom samples were part of a delineation trench excavated in the center of Area 3.

The analytical results concluded that sample points 3, 4, 6, 7 & 8 had elevated chloride levels along the walls, and also at the bottom in the case of SP7. However, based upon all of the other data, the bottom sample in SP7 was thought to have elevated chloride levels due to sloughing of the sidewall. This point was cleaned of soils in the bottom of the area and re-sampled on January 2, 2014. The sample was sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical result is as follows:

Sample I.D.	Reference	Depth (ft)	Initial Chlorides (mg/kg) Dec 22	Final Chlorides (mg/kg) Jan 2
SP7	Bottom	13	1840	160

The analytical results concluded that this area was cleared for chlorides.

The clean overburden was removed over the impacted wall areas (SP3, 4, 6, 7, and 8) and the impacted soils excavated and stockpiled for disposal. Confirmation samples were collected on January 7, 2014 from the excavated areas. The samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical results are presented as follows:

Sample I.D.	Reference	Depth (ft)	Initial Chlorides (mg/kg) Dec 22	Final Chlorides (mg/kg) Jan 7
SP3	East Wall	7	4320	<16.0
SP4	East Wall	7	4080	<16.0
SP4	West Wall	7	1040	<16.0
SP6	West Wall	7	1440	<16.0
SP7	East Wall	7	5040	192
SP7	West Wall	7	1920	<16.0
SP8	East Wall	7	7760	<16.0

Based upon the results of the analyses, Area 3 was determined to be cleared for chlorides to the corrective action levels of 1,000 mg/kg or less. A copy of the data was electronically submitted to the New Mexico Oil Conservation Division (NMOCD) in Hobbs, New Mexico. The NMOCD approved backfilling of Area 3. Summaries of the sample locations and analytical data are provided in <u>Attachment D-D2</u>.

Area 3D

(Note that sequentially, Area 2 was performed before Area 3D due to the utility pole issue.)

Area 3D was situated between Areas 3 & 2, and was bounded on the east side by the existing production pad. This area was not initially excavated for safety reasons associated with the utility pole, which was not present when the spill occurred. When the utility pole was later installed, it had been installed directly adjacent to the impacted area. Consequently the no excavation safety area was established, but Fasken Oil relocated the utility pole in January 2014, which allowed the area to be excavated.

On January 20, 2014, Etech performed a clearance sampling event on the excavated area known as Area 3D. Samples (3D-2, 3D-4 and 3D-5) were collected from specific areas of the excavation which had been excavated to depths ranging from 6 to 10 feet below ground level. The samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical results are presented as follows:

Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
3D-5	South Wall	3	224
3D-5	East Wall	3	32.0
3D-5	West Wall	3	384
3D-5	Bottom	6	16.0
3D-2	West Wall	3	848
3D-2	East Wall	3	767
3D-2	Bottom	9	160
3D-4	North Wall	3	464
3D-4	East Wall	3	<16.0
3D-4	Bottom	10	32.0

At the time of the above sampling additional excavation was required at the West wall in area 3D-4 due to elevated chlorides above regulatory threshold levels. Excavation of the west wall in Area 3D-4 was concluded on January 22, 2014. A sample was collected and sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical result is presented as follows:

Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
3D-4	West Wall	3	64.0

Based upon the results of the analyses, Area 3 has been cleared for chlorides to the corrective action levels of 1,000 mg/kg or less. A copy of the data was electronically submitted to the NMOCD in Hobbs, New Mexico. The NMOCD approved backfilling of Area 3D. Summaries of the sample locations and analytical data are provided in <u>Attachment D-D3</u>.

Area 2

(As noted above, sequentially Area 2 was performed before Area 3D due to the utility pole issue.)

On December 23, 2013, Etech performed a clearance sampling event on the excavated area known as Area 2. This area was located south of Area 3/3D and bounded the west side of the existing production pad, extending south and then turning west across the dirt road for the northern freshwater frac pit. Samples (SP14 – SP 16) were collected from specific areas of the excavation which had been excavated to depths ranging from 5 to 8 feet below ground level. The samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical results are presented as follows:

Area 2 Sampling Results December 23, 2013 & January 22, 2014			
Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP14	Bottom	8	64.0
SP14	East Wall	5	32.0
SP14	West Wall	5	2000
SP15	Bottom	5	48.0
SP15	East Wall	5	<16.0
SP15	West Wall	5	<16.0
SP16	Bottom	5	<16.0
SP16	East Wall	5	32.0
SP16	West Wall	5	<16.0

The analytical results determined all areas had cleared except for the northwestern portion of the excavation. This area was located at the edge of the safety perimeter of the utility pole. In January, 2014 Fasken Oil had the utility pole relocated away from the impacted area. The impacted area around SP14 was excavated and field screened until it met clearance objectives. On January 22, 2014 a clearance sample was collected from the excavated area. The sample sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical result is presented as follows:

Sample I.D.	Reference	Depth (ft)	Initial Chlorides (mg/kg) Dec 23	Final Chlorides (mg/kg) Jan 22
SP14	West Wall	3	2000	32

Note: The sample collected at this point was incorrectly recorded on the chain-of-custody as 3 feet and when the sample was actually collected at 5 feet. Based upon the results of the analyses, Area 2 has been cleared for chlorides to the corrective action levels of 1,000 mg/kg or less. A copy of the data was electronically submitted to the NMOCD in Hobbs, New Mexico. The NMOCD approved backfilling of Area 2. Summaries of the sample locations and analytical data are provided in <u>Attachment D-D4</u>.

Area 1

On January 22, 2014, Etech performed a clearance sampling event on the excavated area known as Area 1. This area was located west of Area 2 and constituted the terminus of the spill area. The impacted soil in this area was noted to be very shallow within 1 foot or less of the surface. A sample was collected from the area which had been excavated to a depth of 1 below ground level and approximately 25 foot

long. The sample was sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical result is presented as follows:

Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP3-25' Horizontal	Bottom	1	1020

The analytical results determined the excavated area was slightly above regulatory threshold levels. The excavation was advanced an additional 35 feet horizontally. On January 24, 2014 a clearance sample was collected from the excavated area. The samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical result is presented as follows:

Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP3-60' Horizontal	Bottom	1	112

Based upon the results of the analyses, Area 1 has been cleared for chlorides to the corrective action levels of 1,000 mg/kg or less. A copy of the data was electronically submitted to the NMOCD in Hobbs, New Mexico. The NMOCD approved backfilling of Area 1. In addition to the excavation of central area within Area 1, the surface soils in the area outside of the excavation area were scraped and staged for disposal. This was completed to ensure the any soil from staging and loading operations were properly removed. Summaries of the sample locations and analytical data are provided in <u>Attachment D-D5</u>.

Soil Piles

On December 20, 2013, Etech performed a sampling event on the excavated material from Areas 3 & 4. The excavated materials were stockpiled in 5 areas around the east and west sides of the excavation site. Each stockpile area had grab samples collected from different sides to give a representation of the chloride content of each pile. A not-to-scale diagram of the soil piles, their sample numbers, and respective locations are presented below:



The samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for Chlorides. The analytical results are presented on the following page.

So	il Pile December 20, 2013	Sampling Resu	
Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
Pile 1 - SP1	Northeast Side	N/A	<16.0
Pile 1 - SP2	Southeast Side	N/A	<16.0
Pile 1 - SP3	Northwest Side	N/A	96.0
Pile 1 - SP4	Southwest Side	N/A	112
Pile 2 - SP1	Northwest Side	N/A	1070
Pile 2 - SP2	Southeast Side	N/A	656
Pile 3 - SP1	Northeast Side	N/A	576
Pile 3 - SP2	Southeast Side	N/A	<16.0
Pile 3 - SP3	Southwest Side	N/A	1010
Pile 3 - SP4	West Side	N/A	576
Pile 3 - SP5	Northwest Side	N/A	2880
Pile 4 - SP1	South Side	N/A	416
Pile 4 - SP2	Northeast Side	N/A	2720
Pile 4 - SP3	West Side	N/A	2000
Pile 5 - SP1	South Side	N/A	112
Pile 5 - SP 2	Northeast Side	N/A	64
Pile 5 - SP3	Northwest Side	N/A	176

A copy of the data was electronically submitted to the NMOCD in Hobbs, New Mexico. The NMOCD approved a technical approach for segregation of impacted soils above regulatory threshold levels and the use of soils below regulatory threshold levels for back fill material. Based upon the results of the analyses and with the concurrence of the NMOCD, the following actions were completed:

Pile 1: This stockpile was cleared to be used for backfill.

Pile 2: After further reviewing this pile, it was comprised of 2 piles side-by-side. The elevated pile was staged for disposal, the one below regulatory threshold levels was used for backfill material.

Pile 3: There was one segment of the pile (SP5, Northwest side) that was removed and staged for disposal. After the initial elevated portion of the pile was been cut from the main pile, the cut side of the remaining pile was field screened at multiple intervals to ensure the impacted soil had been removed. When field screening is complete, a composite sample from the side of the pile was collected on January 8, 2014 and subjected to laboratory analysis for chlorides. The analytical results determined the end of the pile was 1040 mg/kg of chlorides. This section was blended and the pile was cleared for backfill.

Also, there was one other portion of stockpile that had chlorides (SP3, Southwest Side, over by 10 mg/kg) slightly above regulatory threshold levels. Because the elevated level was so slight, the stockpile was blended then rechecked. (This was done after the removal of the SP5 area has been confirmed.) The results determined the pile was cleared for backfill.

Pile 4: The majority of this pile was above regulatory threshold levels. The pile was staged for disposal.

Pile 5: This stockpile was cleared to be used for backfill.

Summaries of the sample locations and analytical data are provided in Attachment D-D6.

Sampling Protocols and Notations

Samples were collected utilizing an approach approved by NMOCD. In an effort to maintain as much accuracy and consistency as possible, all sampling points were maintained throughout the point of clearance. In addition, Etech split all samples for laboratory analyses with the Fasken representative. Routine chain of custody protocols were maintained for all samples subjected to laboratory analysis.

Disposal & Backfilling

Impacted soil was loaded onto 20 cubic yard belly or end style dump trucks and transported to the Lea Land Landfill located at 180 US Highway 82, Carlsbad, New Mexico. A total of 65 loads were transported and disposed of. A copy of the manifests are provided in <u>Attachment E</u>.

As excavation areas were approved the NMOCD, backfilling was performed by installing the soil in shallow lifts in the excavation and compacting by bucket or tire packed by equipment. Backfill material consisted of overburden removed from the excavation and clean fill acquired from the Lea Land Landfill. Once an area was backfilled to grade, it was dressed and smoothed to match the existing contour. Photographs taken of the site after backfilling are provided in <u>Attachment F</u>.

Conclusion

Upon the completion of the above activities, and the analytical data presented in this report, the impact associated with the brine water release at the Quail State 16 No. 3H has been remediated in accordance with NMOCD regulations.

Attachment A Initial C-141



OILWELL CEMENTING SERVICES - PLUGGING & ABANDONMENT P.O. BOX 10451 • MIDLAND, TEXAS 79702

Subject . (432) 687-1994 Date _ FAX (432) 687-0066 triplenservices.com Westler. Reserve tank Spill_ Quail 16 State No. 34 Attachment B Release Assessment Map



www.delorme.com

Attachment C Site Excavation Diagram



Quail State 16 No. 3H Site Excavation Diagram

(Not to Scale)

Attachment D Analytical Data



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Area 4 Sampling Results December 19, 2013								
Sample I.D. Reference Depth Chloride (ft) (mg/kg								
SP1	East Wall	8	<16.0					
SP1	West Wall	8	<16.0					
SP1	North Wall	8	<16.0					
SP1	Bottom	13	<16.0					
SP1/2	Bottom	10	<16.0					



December 20, 2013

FRED HOLMES ETECH Environmental & Safety Solutions, Inc. P. O. BOX 8469 MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 12/19/13 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by wwww.tceq.texas.gov/field/ga/lab accredite

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/19/2013	Sampling Date:	12/19/2013
Reported:	12/20/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 4 SP 1 E WALL 8' (H303086-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					=
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/20/2013	ND	400	100	400	3.92	

Sample ID: AREA 4 SP 1 W WALL 8' (H303086-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/20/2013	ND	400	100	400	3.92	

Sample ID: AREA 4 SP 1 N WALL 8' (H303086-03)

Chioride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/20/2013	ND	400	100	400	3.92	

Sample ID: AREA 4 SP 1 BOTTOM 13' (H303086-04)

Chioride, SM4500Ci-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/20/2013	ND	400	100	400	3,92	

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Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/19/2013	Sampling Date:	12/19/2013
Reported:	12/20/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 4 SP 1 BOTTOM 10' (H303086-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/20/2013	ND	400	100	400	3.92	

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All clients, including those for negligence and any other cause whiteover shall be deemed wated unless made in writing and received by Cardinal whitin (12) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its autocliaries, affiliables or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the shore's table reasons of robustes. Results relate only to this anyte claimfed above. This report shall note perioduced except in full with written approval of claiming Liboration.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
<i>.</i>	Chloride by SM4500CI-8 does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Labeley and Damages. Cardinal's labeley and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be lamited to the amount paid by client for analyses. All daims, including those for negligence and any other cause whistoever shall be deemed wahred unless made in writing and received by client, its within table, damages, including, without limitation, business interruptions, loss of use, or loss of profes incurred by client, its subsidiaries, affiliates or succession and in succession arising out of or related to the performance of the services hareunder by Candinal, regardless of whether such claims based onor any of the solve stated reasons or otherwise.

Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager

Effect Hol m eS Pol # 328-36 \mathbb{C} - 000 Free The The Pax 8: Address: -3657-000 Fax 8: Company: Address: The: -3657-000 Fax 8: Company: Address: The: -3657-000 Fax 8: Company: Sampio Sampio -3657-000 Fax 8: Sampio Sampio Sampio Sampio -3657-000 Fax 8: Sampio Sampio Sampio Sampio Sampio -3657-000 Fax 8: Sampio Sampio <t< th=""><th>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</th><th>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</th><th>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</th><th>Delivered By: (Circle One) Sempter - UPS - Bus - Other</th><th>Relinquished By:</th><th></th><th>service. In no event shall Card prilling or suppressing shall fill the supervise hand. Rev-</th><th>PLEASE NOTE: Lisbility and Dans analyses. All claims including Prote</th><th></th><th>G</th><th></th><th>r,</th><th>2</th><th></th><th>H303086</th><th>Lab I.D.</th><th>FOR LAB USE DALLY</th><th>Sampler Name:</th><th>Project Location:</th><th>Project Name:</th><th>Project #: 3 2 8 -</th><th>Phone #:</th><th>City:</th><th>Address:</th><th>Project Manager:</th><th>Company Name:</th></t<>	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Delivered By: (Circle One) Sempter - UPS - Bus - Other	Relinquished By:		service. In no event shall Card prilling or suppressing shall fill the supervise hand. Rev-	PLEASE NOTE: Lisbility and Dans analyses. All claims including Prote		G		r,	2		H303086	Lab I.D.	FOR LAB USE DALLY	Sampler Name:	Project Location:	Project Name:	Project #: 3 2 8 -	Phone #:	City:	Address:	Project Manager:	Company Name:
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Laboratories

Attachment D-D2 Area 3 Analytical Data



	Area 3 Samplir December 2	-	
Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP3	West Wall	4	<16.0
SP3	East Wall	4	528
SP3	Bottom	11	48.0
SP4	West Wall	4	<16.0
SP4	East Wall	4	224
SP4	Bottom	11	80.0

Area 3 Analytical Data (Continued)

Decer	Area 3 Samplin nber 22, 2013 &		2014		
Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)		
SP6	East Wall	7	256		
SP6	West Wall	7	1440		
SP7	East Wall	7	5040		
SP7	West Wall	7	1920		
SP8	Bottom	13	560		
SP8	East Wall	7	7760		
SP8	West Wall	7	800		
SP9	Bottom	13	544		
SP9	East Wall	7	32.0		
SP9	West Wall	7	224		
SP10	Bottom	13	192		
SP10	East Wall	7	16.0		
SP10	West Wall	7	48.0		
SP11	Bottom	13	48.0		
SP11	East Wall	7	16.0		
SP11	West Wall	7	16.0		
SP12	Bottom	13	64.0		
SP12	East Wall	7	16.0		
SP12	West Wall	7	<16.0		
SP13	Bottom	13	<16.0		
SP3	East Wall	8	4320		
SP3	West Wall	8	32.0		
SP4	Bottom	13	608		
SP4	West Wall	7	1040		
SP4	East Wall	7	4080		
SP5	Bottom	13	192		
SP5	West Wall	7	64.0		
SP5	East Wall	7	32.0		
SP6	Bottom	13	240		
SP13	East Wall	7	<16.0		
SP13	West Wall	7	<16.0		
SP13	South Wall	7	<16.0		
SP7	Bottom	13	1840		
	lanuary 2 Analyt	ical Results			
<u>\$P7</u>	Bottom	13	160		

	Area 3 Samplin January 7,	-	
Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)
SP3	East Wall	7	<16.0
SP4	East Wall	7	<16.0
SP4	West Wall	7	<16.0
SP6	West Wall	7	<16.0
SP7	East Wall	7	192
SP7	West Wall	7	<16.0



January 08, 2014

FRED HOLMES ETECH Environmental & Safety Solutions, Inc. P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/07/14 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/07/2014	Sampling Date:	01/07/2014
Reported:	01/08/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 3 E. WALL 7' (H400048-01)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	0.00	

Sample ID: AREA 3 SP 4 E. WALL 7' (H400048-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	0.00	

Sample ID: AREA 3 SP 4 W. WALL 7' (H400048-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	0.00	

Sample ID: AREA 3 SP 6 W. WALL 7' (H400048-04)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remody for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed walved unless made in writing and received by client, for any claim at their (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidencial or consequantial damages, including, without limitation, business interruption, loss of use, or loss of profits incidencial or whether such claim is based to nor any of the above stated reasons or otherwise. Results relate only claiming without the performance of Cardinal ubbroathers.

Celey D.Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/07/2014	Sampling Date:	01/07/2014
Reported:	01/08/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM	G4	

Sample ID: AREA 3 SP 7 E. WALL 7' (H400048-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/08/2014	ND	416	104	400	0.00	

Sample ID: AREA 3 SP 7 W. WALL 7' (H400048-06)

Chloride, SM4500CI-8	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	0.00	

Sample ID: AREA 3 SP 8 E. WALL 7' (H400048-07)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/08/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D.Kuna

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

 ND
 Analyte NOT DETECTED at or above the reporting limit

 RPD
 Relative Percent Difference

 **
 Samples not received at proper temperature of 6°C or below.

 Insufficient time to reach temperature.

 Chloride by SM4500CI-B does not require samples be received at or below 6°C samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

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January 03, 2014

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/02/14 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

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Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D.Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/02/2014	Sampling Date:	01/02/2014
Reported:	01/03/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 7 BOTTOM 13 (H400012-01)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/03/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500CI-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celeg D. Kuna-

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

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December 26, 2013

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 12/23/13 17:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 6 E. WALL 7' (H303123-01)

Chloride, SM4500CI-B	mg/		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 6 W. WALL 7' (H303123-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 7 E. WALL 7' (H303123-03)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 7 W. WALL 7' (H303123-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	12/26/2013	ND	448	112	400	7.41	

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Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 8 BOTTOM 13' (H303123-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŜ	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 8 E. WALL 7' (H303123-06)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7760	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 8 W. WALL 7' (H303123-07)

Chloride, SM4500CI-8	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 9 BOTTOM 13' (H303123-08)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	544	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 9 E. WALL 7' (H303123-09)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32,0	16.0	12/26/2013	ND	448	112	400	7.41	

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Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 9 W. WALL 7' (H303123-10)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 10 BOTTOM 13' (H303123-11)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 10 E. WALL 7' (H303123-12)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 10 W. WALL 7' (H303123-13)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 11 BOTTOM 13' (H303123-14)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/26/2013	ND	448	112	400	7.41	

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Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 11 E. WALL 7' (H303123-15)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 11 W. WALL 7' (H303123-16)

Chloride, SM4500CI-B	mg,		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 12 BOTTOM 13' (H303123-17)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 12 E. WALL 7' (H303123-18)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	rpd	Qualifier
Chloride	16.0	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 12 W. WALL 7' (H303123-19)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CK			•·· ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/26/2013	ND	448	112	400	7.41	

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Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 13 BOTTOM 13' (H303123-20)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CK		· ··			
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Quatifier
Chloride	<16.0	16.0	12/26/2013	ND	448	112	400	7.41	

Sample ID: AREA 3 SP 3 BOTTOM 13' (H303123-21)

Chioride, SM4500CI-8	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 3 E. WALL 8' (H303123-22)

Chloride, SM4500CI-B	mg.	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 3 W. WALL 8' (H303123-23)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	1 2/26/2 013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 4 BOTTOM 13' (H303123-24)

Chloride, SM4500CI-8	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	12/26/2013	ND	432	108	400	0.00	

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Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 4 W. WALL 7' (H303123-25)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 4 E. WALL 7' (H303123-26)

Chloride, SM4500CI-8	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 5 BOTTOM 13' (H303123-27)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 5 W. WALL 7' (H303123-28)

Chloride, SM4500CI-8	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 5 E. WALL 7' (H303123-29)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/26/2013	ND	432	108	400	0.00	

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Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 3 SP 6 BOTTOM 13' (H303123-30)

Chioride, SM4500CI-8	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 13 E. WALL 7' (H303123-31)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method 8lank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 13 W. WALL 7' (H303123-32)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 13 S. WALL 7' (H303123-33)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Quatifier
Chloride	<16.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 3 SP 7 BOTTOM 13' (H303123-34)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	12/26/2013	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

- ND
 Analyte NOT DETECTED at or above the reporting limit

 RPD
 Relative Percent Difference

 **
 Samples not received at proper temperature of 6°C or below.

 Insufficient time to reach temperature.
- Chloride by SM4500CI-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 9 of 13

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Sample County Image: Solution of the state of the sta
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (675) 393-2476 Laboratories

A CONTRACTOR	Sampler - UPS - Bus - Other:	Dollared Bar /Cir	Relinquished By:	- Organization	ses, All chains includ at, in no event shall c tes of successors site tes of successors at	PLEASE NOTE Linking and Demogra	S	\sim		26			23 km	22 Aren	1	H502125	Lab I.D.		1	4	Project Location:	100:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	(1775)
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 383-2328 FAX (575) 393-2476 **CARDINAL** Laboratories

Page 12 of 13

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories



December 21, 2013

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 12/20/13 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/20/2013	Sampling Date:	12/20/2013
Reported:	12/21/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 3 WEST WALL 4' (H303106-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: SP 3 EAST WALL 4' (H303106-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: SP 3 BOTTOM 11' (H303106-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: SP 4 WEST WALL 4' (H303106-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2013	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Candinal's liability and client's exclusive remedy for any dalam arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All clearns, including those for negligence and any other cause wheteover shall be deemed wahed unless made in writing and received by client, first and thiny (30) days after competion of the applicable service. In no event shall Cardinal be liable for incidental domages, including, without limitation, business interruptions, loss of use, or loss of profits incidenties to be addentified above. This report shall not encode successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based topicary of the above stated reasons or otherwise. Results relate only to the samples thall not encode in fail without writion approved of Cardinal Liborations.

Celeg D. Kuna

Celey D. Keene, Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/20/2013	Sampling Date:	12/20/2013
Reported:	12/21/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 4 EAST WALL 4' (H303106-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: SP 4 BOTTOM 11' (H303106-06)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/21/2013	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Labelity and Demages. Cardinal's labelity and client's exclusive remedy for any claim artsing, whether based in contract or tout, shall be lambde to the amount paid by client for analysis. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by client for analysis at an completion of the applicable service. In no event shall be labele for incidential or consequential damages, including, without limitation, business interruptions, foss of use, or foss of profits incurred by client, is availabeles, at limitation, business interruptions, foss of use, or foss of profits incurred by client, is availabelies, atfiliates or successors artising out of or related to the performance of the services hereunder by Candinal, regardless of whether such claim is based to provide advectures.

Celez D. Kuna

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
ž.	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinat's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All cleims, including those for negligence and any other cause whiteoever shall be deemed waived unless made in writing and received by client, it's values after completion of the applicable service. In no event shall Cardinat be liable for incidental or corresponded damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, it's subsidiaries, atflitistics or excessors ensiting out of or material to the performance of the services hemander by Cardinal, regardless of whether such claim is based upon any of the show stated resons or otherwise. Results relate only to the samples lettrified above. This report shall not be produced exception.

Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88240 (675) 393-2326 FAX (675) 393-2476

Laboratories



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Area 3D Sampling Results January 20 & 22, 2014										
Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)							
3D-5	South Wall	3	224							
3D-5	East Wall	3	32.0							
3D-5	West Wall	3	384							
3D-5	Bottom	6	16.0							
3D-2	West Wall	3	848							
3D-2	East Wall	3	767							
3D-2	Bottom	9	160							
3D-4	North Wall	3	464							
3D-4	East Wall	3	<16.0							
3D-4 Bottom 10 32.0										
Ja	January 22 Sampling Results									
3D-4	West Wall	3	64.0							



January 22, 2014

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/21/14 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D.Keine

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/21/2014	Sampling Date:	01/20/2014
Reported:	01/22/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-001	Sample Received By:	Amanda Ponce
Project Location:	LEA COUNTY, NM		

Sample ID: 3D 5 S. WALL 3' (H400193-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/22/2014	ND	416	104	400	0.00	

Sample ID: 3D 5 E. WALL 3' (H400193-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2014	ND	416	104	400	0.00	

Sample ID: 3D 5 W. WALL 3' (H400193-03)

Chloride, SM4500CI-B	mg,	/kg	Anaiyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/22/2014	ND	416	104	400	0.00	

Sample ID: 3D 5 BOTTOM 6' (H400193-04)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Labelity and Damages. Cardinal's labelity and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed walved unless made in writing and neceved by client (30) days after completion of the applicable service. In no event shall cardinal be liable for incidencal or consequential damages, including, writing those limits interpretors, loss of use, or loss of profits nource by client (as sublicities, and claim is based upon any of the above stated reasons or otherwise. Results relate any to the samples identified above, This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/21/2014	Sampling Date:	01/20/2014
Reported:	01/22/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-001	Sample Received By:	Amanda Ponce
Project Location:	LEA COUNTY, NM		

Sample ID: 3D 2 W. WALL 3' (H400193-05)

Chloride, SM4500CI-B	mg/kg Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	01/22/2014	ND	416	104	400	0.00	

Sample ID: 3D 2 E. WALL 3' (H400193-06)

Chloride, SM4500CI-8	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	767	16.0	01/22/2014	ND	416	104	400	0.00	

Sample ID: 3D 2 BOTTOM 9' (H400193-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/22/2014	ND	416	104	400	0.00	

Sample ID: 3D 4 N. WALL 3' (H400193-08)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/22/2014	ND	416	104	400	0.00	

Sample ID: 3D 4 E. WALL 3' (H400193-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/22/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D.Kuna

Celey D. Keene, Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/21/2014	Sampling Date:	01/21/2014
Reported:	01/22/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-001	Sample Received By:	Amanda Ponce
Project Location:	LEA COUNTY, NM		

Sample ID: 3D 4 BOTTOM 10' (H400193-10)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/22/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit RPD
- **Relative Percent Difference**
- ** Samples not received at proper temperature of 6°C or below.
- Insufficient time to reach temperature, ***
- Chloride by SM4500CI-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Kuna

Celey D. Keene, Lab Director/Quality Manager

	ANALYSIS REQUEST
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Page 6 of 6

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January 23, 2014

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/22/14 15:30.

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Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

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This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

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Celey D. Keene Lab Director/Quality Manager



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Received:	01/22/2014	Sampling Date:	01/22/2014
Reported:	01/23/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-001	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: 3 D 4 W. WALL @ 3' (H400208-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/23/2014	ND	416	104	400	0.00	

Sample ID: AREA 2 SP 14 W. WALL @ 3' (H400208-02)

Chloride, SM4500CI-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 32.0 16.0 01/23/2014 ND 416 104 400 0.00

Sample ID: AREA 1 SP 3 1' DEEP @ 25' OUT (H400208-03)

Chloride, SM4500CI-B	m	g/kg	Anatyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	01/23/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEXE NOTE: Labsley and Damages, Cardinal's labsley and cleark's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All clearns, including those for negligence and any other cause wheteover shall be deemed welved within the writing and received by Cardinal tabinations. The contract or tort, shall be limited to the amount paid by dient for analyses. All clearns, including those for negligence and including, whote limits to be basiness interruptions, loss of use, or loss of profils incurated by client, its sublicatients, affiliates a rescue strategies or activate claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

- ND
 Analyte NOT DETECTED at or above the reporting limit

 RPD
 Relative Percent Difference

 **
 Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500CI-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Candmai's liability and client's exclusive remedy for any claim arising, whether based in contract or tart, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whiteover shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliables or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboretories.

Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager

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Attachment D-D4 Area 2 Analytical Data



Area 2 Sampling Results December 23, 2013 & January 22, 2014										
Sample I.D.	Reference	Depth (ft)	Chlorides (mg/kg)							
SP14	Bottom	8	64.0							
SP14	East Wall	5	32.0							
SP14	West Wall	5	2000							
SP15	Bottom	5	48.0							
SP15	East Wall	5	<16.0							
SP15	West Wall	5	<16.0							
SP16	Bottom	5	<16.0							
SP16	East Wall	5	32.0							
SP16	West Wall	5	<16.0							
	January 22, 201	4 Results								
SP14	West Wall	3	32							

Production Pad



December 26, 2013

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 12/23/13 17:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Kune

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 2 SP 14 BOTTOM 8' (H303124-01)

Chloride, SM4500CI-B	mg/		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 2 SP 14 E. WALL 5' (H303124-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 2 SP 14 W. WALL 5' (H303124-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 2 SP 15 BOTTOM 5' (H303124-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/26/2013	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celeg D.Kuna-

Celey D. Keene, Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/23/2013	Sampling Date:	12/23/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 2 SP 15 E. WALL 5' (H303124-05)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 2 SP 15 W. WALL 5' (H303124-06)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK		61			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Quatifier
Chloride	<16.0	16.0	12/26/2013	ND	432	108	400	0.00	

Sample ID: AREA 2 SP 16 BOTTOM 8' (H303124-07)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/26/2013	ND	432	108	400	7.14	

Sample ID: AREA 2 SP 16 E. WALL 5' (H303124-08)

Chloride, SM4500Ci-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/26/2013	ND	432	108	400	7.14	

Sample ID: AREA 2 SP 16 W. WALL 5' (H303124-09)

Chloride, SM4500Ci-B	mg	/kg	Analyze	d By: CK				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/26/2013	ND	432	108	400	7.14	

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Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

 ND
 Analyte NOT DETECTED at or above the reporting limit

 RPD
 Relative Percent Difference

 **
 Samples not received at proper temperature of 6°C or below.

 Insufficient time to reach temperature.

 Chloride by SM4500Cl-8 does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D.Keine

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

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January 21, 2014

FRED HOLMES ETECH Environmental & Safety Solutions, Inc. P. O. BOX 8469 MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/17/14 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager


ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/17/2014	Sampling Date:	01/16/2014
Reported:	01/21/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-001	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: AREA 2 SP 14 WEST WALL 5' (H400158-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	01/20/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D.Kuna

Celey D. Keene, Lab Director/Quality Manager



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 RPD
 Relative Percent Difference

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 Samples not received at proper temperature of 6°C or below.
- complex not receives at proper temperature or o te or
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Celez D. Kuna

Celey D. Keene, Lab Director/Quality Manager

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January 23, 2014

FRED HOLMES ETECH Environmental & Safety Solutions, Inc. P. O. BOX 8469 MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/22/14 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by www.tceq.texas.gov/field/qa/lab accredited analytes are denoted analytes are denoted by www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by www.tceq.texas.gov/field/

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Method EPA 524.2	Total Trihalomethanes (TTHM)
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Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D.Keine

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/22/2014	Sampling Date:	01/22/2014
Reported:	01/23/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-001	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: 3 D 4 W. WALL @ 3' (H400208-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	64.0	16.0	01/23/2014	ND	416	104	400	0.00	

Sample ID: AREA 2 SP 14 W. WALL @ 3' (H400208-02)

Chioride, SM4500Ci-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2014	ND	416	104	400	0.00	

Sample ID: AREA 1 SP 3 1' DEEP @ 25' OUT (H400208-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d 8y: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	01/23/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Kuna-

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.

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 Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D.Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

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Page 4 of 4

Attachment D-D5 Area 1 Analytical Data



	Area 1 Sampling Results January 22 & 24, 2014										
Sample I.D.	Sample I.D. Reference Depth Chlorides (ft) (mg/kg)										
SP3-25' Horizontal	Bottom	1	1020								
Jan	January 24, 2014 Results										
SP3-60' Horizontal	Bottom	1	112								



January 23, 2014

FRED HOLMES ETECH Environmental & Safety Solutions, Inc. P. O. BOX 8469 MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/22/14 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by www.tceq.texas.gov/field/ga/lab accredited analytes are denoted analytes are denoted by www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by www.tceq.texas.gov/field/

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celay D. Kune

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/22/2014	Sampling Date:	01/22/2014
Reported:	01/23/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-001	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: 3 D 4 W. WALL @ 3' (H400208-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/23/2014	ND	416	104	400	0.00	

Sample ID: AREA 2 SP 14 W. WALL @ 3' (H400208-02)

Chioride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2014	ND	416	104	400	0.00	

Sample ID: AREA 1 SP 3 1' DEEP @ 25' OUT (H400208-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qual fier
Chloride	1020	16.0	01/23/2014	ND	416	104	400	0.00	

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Celuy D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500CI-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D.Kuna

Celey D. Keene, Lab Director/Quality Manager

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January 27, 2014

FRED HOLMES ETECH Environmental & Safety Solutions, Inc. P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/24/14 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Sampling Date:	01/24/2014
Sampling Type:	Soil
Sampling Condition:	** (See Notes)
Sample Received By:	Jodi Henson
	Sampling Type: Sampling Condition:

Sample ID: AREA 1 SP 3 @ 1' DEEP, W. 60' (H400241-01)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/27/2014	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celey D.Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



Notes and Definitions

 ND
 Analyte NOT DETECTED at or above the reporting limit

 RPD
 Relative Percent Difference

 **
 Samples not received at proper temperature of 6°C or below.

 Insufficient time to reach temperature.

 Chloride by SM4500CI-B does not require samples be received at or below 6°C samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

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State Chloride	X Chloride	ANALYSIS REQUEST		OTHER : ACID/BASE: ICE / COOL OTHER :			Address	Company:	
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Attachment D-D6 Soil Pile Analytical Data



Soil Piles December 20, 2013 Sampling Results							
Sample I.D.	Reference	Chlorides (mg/kg)					
Pile 1 - SP1	Northeast Side	<16.0					
Pile 1 - SP2	Southeast Side	<16.0					
Pile 1 - SP3	Northwest Side	96.0					
Pile 1 - SP4	Southwest Side	112					
Pile 2 - SP1	Northwest Side	1070					
Pile 2 - SP2	Southeast Side	656					
Pile 3 - SP1	Northeast Side	576					
Pile 3 - SP2	Southeast Side	<16.0					
Pile 3 - SP3	Southwest Side	1010					
Pile 3 - SP4	West Side	576					
Pile 3 - SP5	Northwest Side	2880					
Pile 4 - SP1	South Side	416					
Pile 4 - SP2	Northeast Side	2720					
Pile 4 - SP3	West Side	2000					
Pile 5 - SP1	South Side	112					
Pile 5 - SP 2	Northeast Side	64					
Pile 5 - SP3	Northwest Side	176					



December 21, 2013

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 12/20/13 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/20/2013	Sampling Date:	12/20/2013
Reported:	12/21/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM	•	

Sample ID: PILE 1 SP 1 (H303105-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2013	ND	416	104	400	3.92	

Sample ID: PILE 1 SP 2 (H303105-02)

Chloride, SM4500CI-B	mg/	kg	Analyze	f By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2013	ND	416	104	400	3.92	

Sample ID: PILE 1 SP 3 (H303105-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d Sy: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/21/2013	ND	416	104	400	3.92	

Sample ID: PILE 1 SP 4 (H303105-04)

Chloride, SM4500CI-8	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Quatifier
Chloride	112	16.0	12/21/2013	ND	416	104	400	3.92	

Cardinal Laboratories

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Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/20/2013	Sampling Date:	12/20/2013
Reported:	12/21/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: PILE 2 SP 1 (H303105-05)

Chloride, SM4500CI-B	Chloride, SM4500CI-B mg/kg			Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	12/21/2013	ND	416	104	400	3.92	

Sample ID: PILE 2 SP 2 (H303105-06)

Chloride, SM4500CI-8				Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	12/21/2013	ND	416	104	400	3.92	

Sample ID: PILE 3 SP 1 (H303105-07)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	12/21/2013	ND	416	104	400	3.92	

Sample ID: PILE 3 SP 2 (H303105-08)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2013	ND	416	104	400	3.92	

Sample ID: PILE 3 SP 3 (H303105-09)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	1010	16.0	12/21/2013	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liabliky and Damages. Cardinat's liability and client's exclusive remady for any datim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and eccepted by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for indefendal or consequential damages, including, without limitation, business interruptions, less of use, or loss of profits incurred by client, its aubsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such chaim is based upon any of the above stated masses or otherwise, Results relate only to the samples identified above. This report shall not be reprodued except in full with written approval of Cardinal.

Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/20/2013	Sampling Date:	12/20/2013
Reported:	12/21/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: PILE 3 SP 4 (H303105-10)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: PILE 3 SP 5 (H303105-11)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: PILE 4 SP 1 (H303105-12)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chlorid e	416	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: PILE 4 SP 2 (H303105-13)

Chloride, SM4500Cl-8	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: PILE 4 SP 3 (H303105-14)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	12/21/2013	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Libbility and Damages. Cardinal's liability and client's exclusive remetry for any deim artising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsorem shall be deemed walved unless made in writing and received by Cardinal webin thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incured by client, its autoidantes, effluence or successors aixing out of or related to the performance of the services hersunder by Cardinal, regardless of whether such climits based upon any of the above stated reasons or otherwise. Reall subtact relatives the services in full with written performance bin full documents.

Celez D. Kuna

Celey D. Keene, Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	12/20/2013	Sampling Date:	12/20/2013
Reported:	12/21/2013	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: PILE 5 SP 1 (H303105-15)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: PILE 5 SP 2 (H303105-16)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method 8lank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/21/2013	ND	400	100	400	3.92	

Sample ID: PILE 5 SP 3 (H303105-17)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/21/2013	ND	400	100	400	3.92	

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Celeg D. Kuna

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Kuna

Celey D. Keene, Lab Director/Quality Manager

† Cardinal ca	Sampler - UPS - Bus - Other		Relimmiched By	andyne. Al cisims including them it service. It no eventabell Cardina be afficien of excession asistra such of a filter of the fourt Elec-		0	2	6	<u>v</u> .	e C	ر ان	7		H303105	Lab I.D.		Sampler Name:	Project Location:	Project Name:	Project#: 328-	Phone #:	City:	Address:	Project Manager:	Company Name:	10
innot accept verbal chang	(Circle Une) Bus - Other:		icher the	- 1 1	p:1e3 SP4	p.ics 303	p.103 5p1		pilez Spl	10:101 504	0:101 503	0:101 502	Pile 1 SOI	0439 34	Sample I.D.				Quail State 6	3657-000		9		L	Etech	(575) 383-2326 FAX (575) 383-2476
Candinal cannot accept verbal changes. Please fax written changes to (575) 381-2328				samed ve									ζ	# CONT GROUN WASTE SOIL		R			No 3H	Project Owner:	Fex	State: Zip:			100 A	5) 393-2476
175 AF	Condition CHECKED BY:	200 W	Munson	And orders made in writing and received by Continut within 30 days after combences for an instean, stashees interruptions, less of use, or less of profits incarived by dawr, its establishies, anders of whether such claim is beyond upon any of fits shore stand researc or officiencies.										OIL SLUDG OTHER ACID/B/ ICE / CC OTHER	: ASE: DOL	RIX PRESERVI SAMPLING	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn:	Ϋ́.	P.O. #: 328-36		
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CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUS	innot accept verbal o	Bus - Other:		A al	and a new of the second			pies Spi	0.1e5 502		0, 1e4 502		S S	Sample I.			ł	Ľ	3657					E tech	01 East Marland, H 575) 393-2326 FAX			ARD
CHAIN-OF-CUS	shanges, Please fa	30.6		JOS. D.	5104 R40	nit askala na Janua vinduarve i											×.	No 31	t Owner:	Fax 养			5		lobbs, NM 8824((575) 393-2476			ZA
CHAIN-OF-CUS	ux written changes t			STATIN P	aceived By:	de in vellen a letterupto								# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL				•			ğ	Ċ			Ū		n i	
CHAIN-OF-CUS	な後にの。	CHAT		ACHORN	N	1 2 2 3							12-20	OTHER : ACID/BASE: ICE / COOL OTHER :	Т		Phone #:		City:	Address:	Atton:	Company:	P.O. #: 328-865		÷			
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		÷													~					÷				ST	¢-	REQUEST		

Page 8 of 8

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January 09, 2014

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: QUAIL STATE 16 NO. 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/08/14 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D.Keine

Celey D. Keene Lab Director/Quality Manager



ETECH Environmental & Safety Solutions, Inc. FRED HOLMES P. O. BOX 8469 MIDLAND TX, 79708 Fax To: (432) 563-2213

Received:	01/08/2014	Sampling Date:	01/08/2014
Reported:	01/09/2014	Sampling Type:	Soil
Project Name:	QUAIL STATE 16 NO. 3H	Sampling Condition:	** (See Notes)
Project Number:	328-3657-000	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: PILE 3 SP 5 (H400071-01)

Chioride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	01/09/2014	ND	400	100	400	0.00	

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any cleim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed walved unless made in writing and received by Certinal within thirty (30) days after completion of the applicable service. In no event shall cardinal be liable for incidential or consequential damages, including, whick limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such climits based upon any of the above stated response of otherwise.

Celez D. Kuna

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remody for any claim arising, whether based in contract or tort, shall be limited to the amount paid by dient for analyses. All claims, including those for negligence and any other cause whetpower shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by dient, its autoidantes, affiliates or successors arising out of or related to the performance of the services heraunder by Cardinal, negardless of whether such claim is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Kuna

Celey D. Keene, Lab Director/Quality Manager

(575) 393-2326 FAX (575) 393-2476			2	
Company Name: Frech			ANALYSIS REQUEST	
	P.O. #:			
	Company:			
State:	Zip: Attn:			
6 #: Fax #:	Address:			
	City;			
une:	State: Zip:		8	
Project Location:	Phone #:			7
Sampler Name: Jerry OSborn	Fax #	e f		1
1011	PRESERV	SAMPLING		5
FOR LAB USE ONLY			2)	0
	ERS ATER IER	<u>, / </u>		8
Lab I.D. Sample I.D.	ER : //BASE COOL	<i>с</i> }		
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PLEASE HOTE: Lubbly and Demages. Cardneth Eakliky and diverts exclusive remedy for an enclose an advance transfer moderance and any other cause wiretscover shall be d	yer. Cardina'h Eudiky und clanfo occlusive remedy fer any dean acheg whéher based in contract or bet, beit he Tanhad is the annout ped by the dent for the for nadiannee and new other cause without be due made valued unteen made in willing and resulved by Cardinal within 30 days star completion of the applicable for nadiannee and new other cause	vount paid by Sne client for the days attax completion of the applicable		
sarrice. In no event sivel Cavithal be liable for instantial or consequential damages, including vellout Amila affiliates or aucosmore, inteing out of or related to fire performance of geyrices hereunder by Cavithé, typer	i vativaat Annhudon, buuinees interruptions, hoes of ase, or hoes of profits incarned by climit, its subsidiatetes sydinei, nyeerdees of whother such climin i <u>s beyed</u> upon serv of the above <u>stated interarts at clivertee.</u>		1	2
D D	Received By:	Phone Result: U Yes U No Fax Result: U Yes U No	Add'i Phone #: Add'i Fax #:	
51:41	MAN TANYA	$\left(\right)$		-
Relinquished By: Date:	Robarvad By:			
Time:				
Delivered By: (Circle One)	Sample Condition CHECKGP B			33
Sampler - UPS - Bus - Other.	MIT NUT NUT NUT NUT NUT NUT			~
+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 395-2326	a fax written changes to (575) 395-2326			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

J Ŀ a NM 22240

Attachment E Manifests

ETECH	Try Soldening The				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365 (Project		- C (Load No.)
Generator Infe	ormation				
Generator:	Precision Drilling		Cont	act: <u>Chr</u>	istian Lavallee
Address:	10350 Richmond Ave.		Phon	ie. 713	-435-6100
City/State: Houston,TX 77042					
Property/Lease	e Name Quail State 16 No 3H		Lea	se No.:	
County/State:	Lea, NM Fa	acility Type: <u>Ga</u>	s Well		
	- 41				
Waste Inform			r	r · r	
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		20	СҮ	
			~	<u> </u>	
				II	
Transporter li	nformation				
Transporter:	Blade		I.D. I	No.: 409	6
Address. 1100 East Michigan Dr		Phone: 575-390-5004			
City/State: Hobbs, NM		Truck No.			
Peceiving Ea	cility Information		_		
-					
Facility:	Lealand		Phone:405-236-4257		
Address:	180 US 62		Permit	No: SW	M131401
City/State:	Carlsbad, NM				
Certification	Statements				

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

-			
Generator	1 ery 0.	slosh Operator	1-6-20K4
Transporter	Rine Querade	S-2	<u> </u>
Receiving Facility	AHUL	Dale Master	1-6-14
		T SCHE	Date

ETERCH	Ny Solations Tor				3	P.O. Box 8469 Midland, TX 79708 Tel. 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest N	lo:	328-365 (Project		C
Generator Info	ormation					
Generator:	Precision Drilling			Conta	act: Ch	ristian Lavallee
Address:	10350 Richmond Ave.			Phon	e: 713	3-435-6100
City/State:	Houston,TX 77042					
Property/Lease	Name: Quail State 16 No	3H		Lea	se No.:	
County/State:	Lea, NM	Facility Type:	Gas			
Waste Informa	ation					
Description				Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.			20	CY	
Transporter Ir	formation					
Transporter:	Blade			1.D. I	No.: <u>40</u>	96
Address:	1100 East Michigan Dr.			_ Pho	one: 57	5-390-5004
City/State:	Hobbs, NM			Truck I	No.	_

Receiving Facility Information

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257	
Permit No:	SWM131401	

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

Generator	P D Steel	Operator Title	1-6-20K1 Date
Transporter	MAINE WEINDA SE	Title	1-6-14 Date
Receiving Facility	A Donzaliz.	Title	1 - (g. 14) Data

Etra commist 4.5 2	Ney Salution I. He.				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365		ES.
Generator Inf	ormation				
Generator	Precision Drilling		Conta	act: Ch	ristian Lavallee
Address:	10350 Richmond Ave.		Phon	e: 713	3-435-6100
City/State:	Houston, TX 77042				
Property/Leas	e Name: Quail State 16 No	<u>3H</u>	Lea	se No.:	
County/State	Lea, NM	Facility Type: Ga	s Well		
Waste Inform	ation				
Description			Quantity	Unit	Waste Code
Chloride contamir	ated soil from drilling operations.		20	CY	
		·····			
Transporter I	nformation				
Transporter	Blade		I.D. I	No 409	96
Address:	1100 East Michigan Dr.		Pho	one 57	5-390-5004
City/State	Hobbs, NM		Truck I	No	
Receiving Fa	cility Information				
Facility:	Lealand		Pho	one. 40	5-236-4257

Facility:	Lealand	
Address:	180 US 62	

Carlsbad, NM

 Phone.	405-236-4257
Permit No.	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

City/State;

Generator	deal Operator	1-6-20 H
Transporter Konstruis	Trucking Driver	<u>1-6 14</u>
Receiving Apple	X Scale Unster	1-6-14- Date

CTECH	ty Solutions Inc.				£1)	P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste	Manifest	Manifest No:	328-365		- • 4
Generator Info	ormation					
Generator:	Precision	Drilling		Cont	act: Ch	ristian Lavallee
Address:	10350 Rid	chmond Ave.		Phor	ie: 713	3-435-6100
City/State:	Houston,	TX 77042				
Property/Lease	Name:	Quail State 16 No 3	Н	Lea	se No.	
County/State.	Lea, N	M	Facility Type: Ga	s Well		
Waste Informa						
waste intomia	ation					
Description	ated and taken	1.707		Quantity	Unit	Waste Code
Chionde contamin	ated soil from	drilling operations.		20	CY	
Transporter Ir	nformation	<u> </u>		·	·	A
Transporter:	Blade		·	I.D.	No.: 409	96
Address:	1100 Eas	t Michigan Dr.		Pho	one: 57	5-390-5004
City/State:	Hobbs, N	M		Truck	No.	
Receiving Fac	ility Inform	nation				
Facility:	Lealand			Pho	one: 40	5-236-4257
Address:	180 US 6	2		Permit	No: SV	/M131401
City/State:	Carlsbad,	, NM				

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures			
Generator	1 alg I aly	C perator	1-6-20/4 Date
Transporter	truis Franking	Driver	1-6-141 Date
Receiving Facility	Alith	Scale muster	I-6-14 Date

			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardous Waste Manifest Manifest No:	328-365		
Generator Information			
Generator: Precision Drilling	Conta	ict: Chr	istian Lavallee
Address: 10350 Richmond Ave.	Phone	e: 713	-435-6100
City/State: Houston,TX 77042			
Property/Lease Name: Quail State 16 No 3H	Leas	se No.::	
County/State: Lea, NM Facility Type: Ga	as Well		
Mile An Information			
Waste Information			
Description	Quantity	Unit	Waste Code
Chloride contaminated soil from drilling operations.		CY	

Transporter Information

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	19

Receiving Facility Information

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

	2011
Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

Generator	1 all O ship	<u>Sperator</u> Titla	1-6-20K4
Transporter	Conderosa Trecking	Driver	<u> - 6 - 14 </u> Daté
Receiving Facility	Adaptes Lat	Scale Master	1-6-K4

CTECH Eronomiental & Sale	Ny Solution Inc				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No	328-365		(Load No)
Generator Info	ormation				
Generator:	Precision Drilling		Cont	act: Chr	istian Lavallee
Address:	10350 Richmond Ave.		Phor	ne: 713	-435-6100
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No	3H	Lea	se No.:	
Country/Choholi	P	Escility Type: C	lac Moll		
County/State:	Lea, NM	_ Facility Type: _C			
Waste Informa					
			Quantity	Unit	Waste Code
Waste Informa			· · · · · · · · · · · · · · · · ·	Unit CY	Waste Code
Waste Informa	ation		Quantity		Waste Code
Waste Informa	ation		Quantity		Waste Code
Waste Informa	ation		Quantity		Waste Code

Transporter:BladeI.D. No.:4096Address:1100 East Michigan DrPhone:575-390-5004City/State:Hobbs, NMTruck No.

Receiving Facility Information

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS.

Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

Generator

Transporter

Receiving Facility

1-5-2014 Data 1-6-14 Operator ing Driv USC
ETTY & COMPANY & SA	Pry Sakaon, Sr				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	220.200	7 004	
		Mannest No:	328-365 (Project		(Load No.)
Generator Infe	ormation				· ·
Generator:	Precision Drilling		Conta	act: Chi	istian Lavallee
Address:	10350 Richmond Ave.		 Phon	<u> </u>	-435-6100
City/State:	Houston, TX 77042				
-	Name: Quail State 16 No	ЗН	 Lea	se No.:	
	Lea, NM	· · ·			
- 231					
Waste Inform	ation			_	
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		20	01/	······································
	-		20	CY	
	<u></u>				
Transporter la					
	nformation				
Transporter:	nformation Blade		I.D. I	No.: <u>409</u>	6
•					6-390-5004

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local

regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

0ate 1-6-2019 1-6-14 Date Generator eratar Transporter URINGE 1-6-14 Receiving Facility Title

CTECH Etres programs of 4 Sector	hy Stabilians We				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Generator Info Generator: Address:	Ashen Orta Gas- primation Buelto Precision Drilling 4 10350 Richmond Ave.	Manifest No:	(Project	No) act: <u>Chr</u>	Load No) istian Lavatlee -435-6100
	Houston, TX 77042	011			
	Name: Quail State 16 No Lea, NM	200 C		se No.: _	
Waste Informa	ation				
Description			Quantity	Unit	Waste Code
Chloride contamina	ated soil from drilling operations.		20	СҮ	
<u> </u>					·····
	<u> </u>				<u></u>
Transporter Ir	formation				
Transporter:	Blade		L.D.	No.: 409	6
Address;	1100 East Michigan Dr.		Pho	one: 575	-390-5004
City/State:	Hobbs, NM		Truck	No	

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Generator	the drake	CPernitor	-6= 2014 Date
-	1 1 0		
Transporter	hove (werner	DRIVE R	<u> </u>
Receiving Facility	All' H	Scalemaster	1/1.114
		Title	alo

ETECH	ty Sedanory Dec	<u>)</u> 20						P.O. Box 8469 Midland, TX 79708 Tel 432-563-2200 Fax: 432-563-2213
Non-Hazardo	us Was	te Manifest	Manifest I	No:	328-365 (Project		1	- 009 (Load No)
Generator Info	rmation							
Generator:	Precisio	n Drilling			Cont	act:	Chris	stian Lavallee
Address:	10350 F	Richmond Ave.			Phon	ie:	713-	435-6100
City/State:	Houstor	n,TX 77042	-					
Property/Lease	Name:	Quail State 16 N	o 3H		Lea	se No		
County/State:	Lea,	NM	Facility Type:	Ga	s Weli			
Waste Informa	ition							
Description					Quantity	Ųn	it	Waste Code
Chloride contamina	ated soil fro	m drilling operations.			20	C,	Y	
Transporter In	formatio	'n						

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	
			•

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Generator	Jun Hila	Official Str. Title	G Jin 14
Transporter	MAIME CHERNON S2	Title	1-6 - 14 Date
Receiving Facility	D Dongalz	Tribe	Date Oate

ETECH EITVIERNEITSEI & SA	Pery Subadons Fre				P O. Box 8469 Midland, TX 79708 Tel 432-563-2200 Fax 432-563-2213
Non-Hazard	ous Waste Manifest	Manifest No:	328-365	7-001	-010
0		•	Project		(Load No.)
Generator Inf					
	Precision Drilling		Conta	act: <u>Chr</u>	istian Lavallee
Address:	10350 Richmond Ave.		Phon	e: <u>713</u>	-435-6100
•	Houston,TX 77042				
Property/Lease	e Name. Quail State 16 No 3	<u>BH</u>	Lea	se No.	
County/State:	Lea, NM	Facility Type: Gas	s Well		
Waste Inform	ation				
Description	·····		Ouentity	1.1	Manta Onda
	ated soil from drilling operations		Quantity	Unit	Waste Code
			20	CY	
			<u></u>		
	· · · · · · · · · · · · · · · · · · ·	l			
Transporter li	nformation				
Transporter:	Blade		I.D. 1	No.: 409	6
Address:	1100 East Michigan Dr				-390-5004
City/State:	Hobbs, NM		Truck I		

Facility	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I cartify the waste in quantity above was received by me for shipment to the designated receiving facility Receiving Facility: I cartify that the designated waste(s) were received via the designated transporter.

	1	
Generator frender	operator Title	6 Josn 14 Date
Transporter June alecado	Acrues	1-6-121 Date
Receiving A Gonzalz	Title	1-6111 Date

CTECH	Ty Enklanders)				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	us Was	te Manifest	Manifest No:	328-36	57-001	- 011
Generator Info	mation			(r-) Olar	at NG J	(Load No)
Generator:	Precisio	on Drilling		Con	tact: Chi	ristian Lavallee
		Richmond Ave.		Pho		3-435-6100
City/State:	Housto	n,TX 77042				
Property/Lease	Name:	Quail State 16 No	5 3H	Lea	ase No.:	
County/State:	Lea,	NM	_ Facility Type: _G	as Well		
Waste Informa	ition					
Description		-		Quantity	Unit	Waste Code
Chloride contamina	ated soil fro	m drilling operations.		20	СҮ	
Transporter In	formatio	n				
Transporter:	Blade			I,D,	No.: 40	96
Address:	1100 E	ast Michigan Dr.		Ph	one: 57	5-390-5004

Hobbs, NM

Facility:	Lealand	 Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Truck No.

Title

Date

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

1

Signatures

City/State:

	/	,
Generator from 2404-5	operator Tale	6 Jan 14 Date
Transporter Onderosa Truckom	Distry	1-6-14 Date
Receiving Facility		

CIECH	ety Sakalegis Fic	<u>)</u>					P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Was	te Manifest	Manifest N	lo:	328-365 (Project		-012
Generator Info	ormation				(Projoc	r no j	(COBO NO]
		on Drilling			Cont	ach Chi	ristian Lavallee
Address:		Richmond Ave.			- Phor		3-435-6100
City/State:					-		
•		Quail State 16 No	ЗН		- Lea	se No.:	
-		NM	Facility Type:	Gas W	_		
Waste Informa	ation						
Description				q	uantity	Unit	Waste Code
Chloride contamin	ated soil fro	m drilling operations.				CY	
				2	0		
Transporter Ir	formatic	n		/		L	I <u></u>
Transporter:	Blade				I.D.	No.: 409	96
Address:	1100 E	ast Michigan Dr.			Pho	one: <u>57</u> 5	5-390-5004
City/State:	Hobbs,	NM			Truck	No	
Receiving Fac	ility Info:	rmation					
Facility:	Lealand	tt			Pho	one: 40	5-236-4257
Address:	180 US	62			Permit	No: SV	/M131401
City/State:	Carlsba	id, NM					

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS.

Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Opera Generator O Perat EboFer Transporter 0 Receiving Facility Title

CTECH ENVEROPMENTS & SAM	y Salzzavis, Inc.	23			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365		- <u>013</u>
Generator Info	rmation			·	. ,
Generator:	Precision Drilling		Conta	act: Ch	ristian Lavailee
Address:	10350 Richmond Ave.		Phon	e: 713	3-435-6100
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No	<u>3H</u>	Lea	se No.:	
County/State:	Lea, NM	Facility Type: _G	ias Well		
Waste Informa	ition				
Description			Quantity	Unit	Waste Code
Chloride contamina	ated soil from drilling operations.		20	CY	

Transporter Information

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Receiving Facility Information

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Signatures		
Generator Lon HAG	operator	6Jan 14
1 A D	Tide	Date
Transporter AIME VUELADA		1-6-14
	Title	Date
Receiving A GONZAU2		1-10-14
08	Tille	Date

CTECH	Py Sukklower, Mc		*s		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365	57-001	-014
			(Project		(Load No)
Generator Info					
	Precision Drilling	<u> </u>	Conta	act: <u>Ch</u>	ristian Lavallee
Address:	10350 Richmond Ave.	<u> </u>	Phon	ie: <u>713</u>	3-435-6100
•	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No	<u>3H</u>	Lea	se No.	
County/State:	Lea, NM	Facility Type: Ga	is Well		
Waste Informa	41				
waste morma					
Description			Quantity	Unit	Waste Code
Chlonde contamina	ated soil from drilling operations.		20	CY	
Transporter In	formation			·	
Transporter:	Blade		I.D. 1	No.: 409	96
Address:	1100 East Michigan Dr.		Pho	one: 575	5-390-5004
City/State:	Hobbs, NM				
Receiving Fac	ility Information				
Facility:	Lealand		Pho	one: 408	5-236-4257

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I cartify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Permit No: SWM131401

Signatures		,
Generator from the	Alex 105	6 Serre 14
Transporter Aue Cocense	DRILG- R	1-6-14 Otaic
Receiving A GONZalez	Tille	1-6-14 Date

				P.O. Box 8469 Midiand, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213	
Non-Hazardo	ous Waste Manifest Manifest No:	328-365		- 015 (Load No.)	
Generator Info	ormation				
Generator:	Precision Drilling	Conta	act: Chi	ristian Lavallee	
Address:	10350 Richmond Ave.	Phon	e: 713	3-435-6100	
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No 3H	Lea	se No.:		
County/State: Lea, NM Facility Type: Gas Well					
Waste Information					
Description		Quantity	Unit	Waste Code	
Chloride contamin	ated soil from drilling operations.	20	CY		
				_	
Transmontor In					

Transporter Information

Transporter.	Blade	1.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

405-236-4257 SWM131401

Receiving Facility Information

Facility:	Lealand	Phone:
Address:	180 US 62	Permit No:
City/State:	Carlsbad, NM	

Certification Statements

Signatures	/	/
Generator	C'Alra tes	6 Jan 14
	C Title	Date
Transporter Pondervosa Trucking	Drive	1-6-14 Date
1	6 1 1 10	Date
Receiving Facility		
	Tibe	Date

CTECH	Hay Sudatoria, Ne.		92.		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365		-016
Generator Info	ormation		. Intolect	M0.1	(Load No)
Generator:	Precision Drilling		Cont	act: Chr	istian Lavallee
Address:	10350 Richmond Ave.		Phon		-435-6100
City/State:	Houston, TX 77042				
•	Name: Quail State 16 No	3H	 Lea	se No.:	
County/State:				-	
Waste Inform	ation				
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.			CY	
	·			<u> </u>	
				I	
Transporter I	nformation				
Transporter:	Blade		I.D. I	No.: 409	6
Address:	1100 East Michigan Dr.				-390-5004
City/State:	Hobbs, NM	····	- Truck I	21	

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Truck No.

Certification Statements

Signatures

Signatures	1 -			2
Generator	- 19		The Trie	G Jone / P
×	0	du-		
Transporter	TOND	EROSL	touch choFer	
Receiving Facility	5-62	nzabez	Trile	1-18-14 Date

Errs ranners 4 Satery Sourcess Fre	<u>)</u>	19 20		P.O. Box 8469 Midland, TX 79708 Tel. 432-563-2200 Fax: 432-563-2213
Non-Hazardous Was		0: <u>328-36</u> (Projec	57-001	- 017
Generator Information				0.857 5.0
Generator: Precisio	on Drilling	Con	tact: Ch	ristian Lavallee
Address: 10350 I	Richmond Ave.	Pho	ne: 713	3-435-6100
City/State: Housto	n,TX 77042			
Property/Lease Name:	Quail State 16 No 3H	Lea	ise No.:	
County/State: Lea.	NM Facility Type:	Gas Well		
Waste Information				
Description		Quantity	Unit	Waste Code
Chloride contaminated soil fro	m drilling operations.		СҮ	
		8		
Transporter Informatio)n		·• <u> </u>	

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

6

Signatures	D all		
Generator	frem to S	cpui a for	7 Jan 14
Transporter	JAIME QUEZADA SE	DRIVER Title	1-7-14 Date
Receiving Facility	Antor (-Dnzaliz	Title	1-7-14/ Date

ETU: FORMUTAL & B. B. P.	ry Solutions, Ste	<u>)</u>		10			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	us Was	te Manifest	Manifest I	No:	328-365 (Project		- 015 (Loed No)
Generator Info	rmation						V - V
Generator:	Precisio	on Drilling			Cont	act: 0	Christian Lavallee
Address:	10350 F	Richmond Ave.			Phor	ne: 7	713-435-6100
City/State:	Housto	n, TX 77042					
Property/Lease	Name:	Quail State 16 M	No 3H		Lea	se No.:	
County/State:	Lea,	NM	Facility Type:	Gas W	lell		
Waste Informa	ition						
Description		_		a	uantity	Unit	Waste Code
Chloride contamina	ated soil fro	m drilling operations.				СҮ	
Transporter In	formatic	n					
Transporter:	Blade				I.D. I	No.: _4	4096
Address:	1100 E	ast Michigan Dr.			Pho	one: 5	575-390-5004

/1001033.	TTOO Last Michigan Dr.	Fliulie.	0/3
City/State:	Hobbs, NM	Truck No.	

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

		ne designates nansporter	
Signatures //			
			_ /
Generator 3-0-1		15	7 Jan 14
		Title	Date
A			
Transporter	ZNAL	1-7+4 Drivel	- 17-14
1 1	Λ	Title	Date
Receiving	scillion		1 - 11
Facility	<u>{1047</u>		1-1-19
6	10	Title	Date

CTECH	bry Sakmons Fir	L	53 1		<i>.</i> ,		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Was	te Manifest	Manifest I	No:	328-365 (Project		- <u>019</u> (Lead No.)
Generator Infe	ormation						· ··· · ·
Generator:	Precisio	n Drilling			Cont	act:	Christian Lavallee
		Richmond Ave.			- Phor	ne: -	713-435-6100
City/State:	Houstor	1,TX 77042			-	-	
Property/Lease	Name:	Quail State 16 N	o 3H		- Lea	ise No	<u>1</u>
County/State:		NM		Gas V	_ /ell		
Waste Informa	ation						
Description				C	uantity	Uni	it Waste Code
Chloride contamin	ated soil fro	m drilling operations.				Сү	1
Transporter Ir	nformatio	in					<u></u>

intermation

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	· · · · · · · · · · · · · · · · · · ·

Receiving Facility Information

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257	
Permit No:	SWM131401	

Certification Statements

Signatures		/
Generator Secon 7475	operator The	Jen 14
Transporter ARMANDO Sous	DRIVER	010714 Date
Receiving S GONZAUZ	Title	1-7-14 Date

ETECH	My Solucions F.C.	57			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	228.265	7 001	~ ? ^
		Widninest NO.	Project		<u>0 20</u> (Load No.)
Generator Info	ormation				
Generator:	Precision Drilling		Conta	act: <u>Ch</u>	ristian Lavallee
Address	10350 Richmond Ave.		Phon	e: <u>713</u>	3-435-6100
City/State:	Houston,TX 77042				
Property/Lease	Name: Quail State 16 N	<u>o 3H</u>	Lea	se No.	
County/State:	Lea, NM	Facility Type: Ga	as Well		
Waste Informa	ation				····
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.			OV.	
				CY	
Transporter II	nformation		L	·	· · · · · · · · · · · · · · · · · · ·
Transporter:	Blade		I.D. I	No.: <u>40</u> 9	96
Address:	1100 East Michigan Dr		Pho	one: <u>57</u>	5-390-5004
City/State:	Hobbs, NM		Truck	No	
Receiving Fac	cility Information				
Facility:	Lealand		Pho	one: 40	5-236-4257
Address:	180 US 62		-		VM131401
City/State:	Carisbad, NM		_		

Certification Statements

Signatures			,
Generator	frontift	Title	07 Jun 14 Dale
		<i>y</i>	5400
Transporter	PONDEROSA TOUCK	<u>Chofer</u>	1-> 2014 Date
Receiving Facility	& Gonalo		1-7-14
1 dointy	67	Title	Date

Environment & Sa	My Solubers, Krt	ă.			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest N	No: <u>328-36</u> (Project	57-001	- <u>02/</u> (Lobd No.)
Generator Inf	ormation				
Generator:	Precision Drilling		Con	tact: <u>C</u>	Christian Lavallee
Address:	10350 Richmond Ave.		Pho	ne: <u>7</u>	13-435-6100
City/State:	Houston,TX 77042				
Property/Lease	e Name: Quail State 16 N	o 3H	Lea	ase No.:	
County/State:	Lea, NM	Facility Type:	Gas Well		· · ·
Waste Inform	ation		<u> </u>		
Description			Quantity	Unit	Waste Code
Chloride contamin	nated soil from drilling operations.			CY	
		·			
			1		

Transporter Information

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Receiving Facility Information

Facility:	Lealand	Phone.	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Signatures	1	/
Generator	experiator	7 Jun 14
Transporter	Title Delinet Title	Date
Receiving A GONTALIZ	Tible	1-7-14 Date

ETECH	Ty Solutions In					P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest N	No: <u>32</u>	8-3657-00)1	· <u>022</u>
Generator Info	mation			(Project No)		(Load No)
Generator:	Precision Drilling			Contact	Chri	stian Lavallee
Address:	10350 Richmond Ave.			Phone:	713	-435-6100
City/State:	Houston, TX 77042					
Property/Lease	Name: Quail State 16 No	5 3H		Lease N	lo.:	
County/State:	Lea, NM	_ Facility Type:	Gas Well			
Waste Informa	ation					
Description			Quan	tity U	nit	Waste Code
	ated soit from drilling operations.				Y:	

Transporter Information

Transporter:	Blade	I.D. No.	4096
Address:	1100 East Michigan Dr.	Phone	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Phone: 405-236-4257 Permit No: SWM131401

Receiving Facility Information

Facility:	Lealand
Address:	180 US 62
City/State:	Carlsbad, NM

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local

regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures		
Generator Jeon He	Conferencei Title	2 Jan 14 Date
Transporter	DRIVER	1-7-14 Date
Receiving And Untweres	Scale master	1-7-14- Date

En Hormernel & Subry Subcons. Int			P.O Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax 432-563-2213
Non-Hazardous Waste Manifest Manifest N	0: <u>328-365</u> (Project		- 023 (Load No)
Generator Information			
Generator. Precision Drilling	Conta	act Chr	istian Lavallee
Address: 10350 Richmond Ave.	Phon	e: 713	-435-6100
City/State Houston, TX 77042			
Property/Lease Name Quail State 16 No 3H	Leas	se No :	
County/State: Lea, NM Facility Type:	Gas Well		
Waste Information			
Description	Quantity	Unit	Waste Code
Chloride contaminated soil from drilling operations		CY	
Transporter Information			

Transporter:	Blade	I.D. No.	4096
Address.	1100 East Michigan Dr.	Phone	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No.	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Signatures	p all		/
Generator	Jeon HS	Train Tor	7 50 14 Date
Transporter	ARMANDO SOLIS	DRIVER	010714 Date
Receiving Facility	J' Gonzaliz	Tille	1-7-14 Date

CTECH	hry Southerns. Inc		1	·	P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365 Project	7-001 No)	- 024 (Lood No.)
Generator Inf	ormation				
Generator:	Precision Drilling		Conta	act: Chri	stian Lavallee
Address:	10350 Richmond Ave.		Phon	e: 713	-435-6100
City/State:	Houston, TX 77042				
Property/Lease	e Name: Quail State 16 No	5 3H	Lea	se No.	1
County/State:	Lea, NM	Facility Type: Ga			
Waste Inform	ation				
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.			CY	
	- · - · · · · · · · · · · · · · · · · ·				
Transporter I	nformation			LI	
Transporter:	Blade		1.D. 1	No.: 409	6
Address:	1100 East Michigan Dr.		Pho	one: 575	-390-5004
City/State:	Hobbs, NM		Truck	No	

3

Receiving Facility Information

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		····· ,,

Certification Statements

Signatures		,	
Generator	for the	operator Tille	7 Jan 14
Transporter	POMDEROSA Truck	<u>chofer</u>	1-7-2014 Date
Receiving Facility	S. GONZAUZ	Trile	1-7-14 Oato

Environment & Safety Solutions, Sic			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardous Waste Manifest Manifest No:	328-365		- <u>025</u> (Losd No.)
Generator Information			
Generator: Precision Drilling	Cont	act: Chi	istian Lavailee
Address: 10350 Richmond Ave.	Phor	ne: 713	-435-6100
City/State: Houston,TX 77042			
Property/Lease Name: Quail State 16 No 3H	Lea	se No	
County/State: Lea, NM Facility Type: Ga	as Well		
Waste Information			
Description	Quantity	Unit	Waste Code
Chloride contaminated soil from drilling operations	20	СҮ	
			<u> </u>
Transporter Information	I	<u> </u>	L

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

_	Phone:	405-236-4257	
-	Permit No:	SWM131401	

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility.

Receiving Facility: I certify that the designated waste(s) were received via the designated transporter

Signatures

Generator

Transporter

 $\frac{7 - 2014}{\text{Date}}$ 3 OY Title

Receiving Facility

Enveronment & Sylvey Additions. The			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardous Waste Manifest Manifest No:	328-365		<u> </u>
Generator Information	(Project	. 140.)	(Load N _{0.})
Generator: Precision Drilling	Cont	act: Ch	ristian Lavallee
Address: 10350 Richmond Ave.			3-435-6100
City/State: Houston,TX 77042			
Property/Lease Name: Quail State 16 No 3H	Lea	se No.:	
County/State: Lea, NM Facility Type: Ga	as Well		
Waste Information			<u> </u>
	0		
Description Chloride contaminated soil from drilling operations.	Quantity	Unit	Waste Code
	ZO	CY	
Transporter Information	L	<u> </u>	/
Transporter: Blade	I.D.	No.: 409	96
Address: 1100 East Michigan Dr	 Pho	one: 57	5-390-5004
City/State: Hobbs, NM	Truck	No	
Receiving Facility Information			
Facility: Lealand	Pho	one: 40	5-236-4257
Address: 180 US 62	-		VM131401
City/State: Carlsbad, NM	-	_	
Certification Statements Generator: The waste(s) described above is not a hazardous waste pursuant to regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipme Receiving Facility: I certify that the designated waste(s) were received via the de Signatures	ent to the designa	ated receivir	

Generator

Transporter

Receiving Facility

Environmentel A. Sat	ary Sokrifose. Inc.		10		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:			. 27
Generator Info	rmation		(Project	No.}	(Load No)
	Precision Drilling		Cont	oot Ch	ristian Lavallee
	10350 Richmond Ave.	<u> </u>			3-435-6100
	Houston, TX 77042				5-435-6100
•	Name: Quail State 16 No 3H		lea	se No.:	
		cility Type: Ga			
	· · · · · · · · · · · · · · · · · · ·				
Waste Informa	ation				
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		20	СҮ	
		•	20	01	
Transporter Ir	nformation				
Transporter:	Blade		I.D. I	No.: 409	96
Address:	1100 East Michigan Dr				5-390-5004
City/State:	Hobbs, NM				
	cility Information				
Facility:	Lealand		Pho	one <u>408</u>	5-236-4257
	_180 US 62		Permit	No: <u>SW</u>	/M131401
City/State:	Carlsbad, NM				
Certification Generator: The w	Statements aste(s) described above is not a hazardou	us waste pursuant to	40 CFR Part 26	1 and any a	pplicable state or local

regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

DRIVER 01-07-2014 Title Date DRIVER 01-07-2014 Title Date 107-2014 e Val Generator Transporter П Title Receiving Facility

CTECH Etwordsonsol (S.ar	Ny Sources In				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Allen Heat Mar	200.000	7 004	20
		Manifest No:	328-365 (Project	No.)	
Generator Infe	ormation				
Generator:	Precision Drilling		Cont	act: <u>Cł</u>	nristian Lavallee
Address:	10350 Richmond Ave.			ie: 71	3-435-6100
City/State:	Houston,TX 77042				
Property/Lease	e Name: Quail State 16 No 3	H	Lea	se No.	
County/State:	Lea, NM	Facility Type: Ga	is Well		
Waste Inform	ation		<u> </u>		
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		2.0	СҮ	
			20		
	·····				
				<u> </u>	
Transporter li					
	Blade			No.: <u>40</u>	
Address:	1100 East Michigan Dr.				25-390-5004
City/State:	Hobbs, NM		Truck i	No	
Receiving Fac	cility Information				
Facility:	Lealand		Pho	one: 40	5-236-4257
Address:	400,000		· · · · ·		VM131401
City/State:	Carlsbad, NM		-		
regulations based	Statements aste(s) described above is not a hazar upon process knowledge, and or analy	dous waste pursuant to ysis, and/or MSDS.	40 CFR Part 26	1 and any	applicable state or local

Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

PONDEROSA TRUCK ChoFer 1-7-2014 Date S.GONZALEZ Title 1-7-2014 Date Title Title Title Date Generator Transporter Receiving Facility

CTECH Environmentel 4 3 set	rg Sekarons, hic.	i.			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365 (Project		- 29 (Load No.)
Generator Info	ormation				
Generator:	Precision Drilling		Cont	act: Chri	istian Lavallee
Address:	10350 Richmond Ave.		Phon	ie: 713	-435-6100
City/State:	Houston,TX 77042				
Property/Lease	e Name: Quail State 16 No	3H	Lea	se No.	
County/State:	Lea, NM	Facility Type: Ga			
Waste Inform	ation				
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		20	CY	
Transporter li	nformation				
Transporter:	Blade	<u>,</u> ,	I.D.	No.: 409	6
Address:	1100 East Michigan Dr.		Pho	one: 575	-390-5004
Citv/State:	Hobbs, NM		Truck	No.	

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

1

Signatures	1	a 1
Generator Leon The	operator The	BJan 14
Transporter PRIMANDO Sous	DRIVER	01 08 14 Date
Receiving S GONZAUZ	T rite	1-8-14 Date

ETECH	ry Selucions Inc			¥.≼	P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	us Waste Manifest	Manifest No:	328-365 (Project		- <u>30</u> (Load No.)
Generator Info	rmation				
Generator:	Precision Drilling		Conta	act: <u>Chr</u> i	istian Lavallee
Address:	10350 Richmond Ave.		Phon	e: <u>713</u>	-435-6100
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No	<u>3H</u>	Lea	se No	
County/State:	Lea, NM	Facility Type: Gas	s Well		
Waste Informa	tion				
Description			Quantity	Unit	Waste Code
Chloride contamina	ated soil from drilling operations.			CY	
Transporter In	formation				
Transporter:	Blade		I.D. I	No. 409	6
Address:	1100 East Michigan Dr.		_ Pho	one: 575	-390-5004
City/State:	Hobbs, NM		Truck	No	<u>_</u>

Facility [.]	Lealand
Address:	180 US 62
City/State:	Carlsbad, NM

 Phone:	405-236-4257	
Permit No:	SWM131401	

Certification Statements

Signatures	V alal -	_ /	1
Generato	Jun Ht	Operators Tibe	7 Jan 14 Date
Transporter	June Brenny Je	<u>Deure n</u>	<u>/-7-/4</u> Date
Receiving Facility	Santos Gonzalez	 โปซ	1-7-14 Date

ETERCH	13 504.00m, M	<u>h</u>	a			P.O. Box 8469 Midland, TX, 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	us Was	ste Manifest	Manifest No:	<u>328-365</u> (Project		- 3/(Coad No.)
Generator Info	rmation	1				
Generator:	Precisi	on Drilling		Conta	act: <u>Ch</u>	ristian Lavallee
Address:	10350	Richmond Ave.		Phon	e; <u>713</u>	3-435-6100
City/State:	Housto	n,TX 77042				
Property/Lease	Name:	Quail State 16	No 3H	Lea	se No.	
County/State:	Lea,	NM	Facility Type: Ga	is Well		
Waste Informa	tion		······			
Description				Quantity	Unit	Waste Code
Chloride contamini	ated soil fro	om drilling operations.			СҮ	
Transporter (r	formati	on				
Transporter:	Blade			I.D. I	No.: 40	96
Address:	1100 E	ast Michigan Dr.		Pho	one: 57	5-390-5004

nansponer.	Diade	1.0. 110.	4030
Address:	1100 East Michigan Dr.	Phone	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Facility:	Lealand
Address:	180 US 62
City/State:	Carlsbad, NM

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Signatures Generator 00 ŧ Q 014 Transporter 0(10 サンシンと Receiving Facility

CTECH Ette Dannermale & Sale	ry sual during. The	1			F.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365 (Project		- <u>32</u> (Load No)
Generator Info	ormation				
Generator:	Precision Drilling		Conta	act: <u>Chr</u>	istian Lavallee
Address:	10350 Richmond Ave.		Phon	e: <u>713</u>	-435-6100
City/State:	Houston,TX 77042				
Property/Lease	Name: Quail State 16 No 3	H	Lea:	se No.:	
County/State:	Lea, NM	Facility Type: <u>Ga</u>	s Well		
Waste Informa	ation				
Description			Quantity	Unit	Waste Code
Chloride contemin	ated soil from drilling operations.			CY	
Transporter li	nformation			_	
Transporter:	Blade		1.D. I	No.: 40	96

Hobbs, NM

Address:

City/State:

Facility:	Lealand
Address:	180 US 62
City/State:	Carlsbad, NM

1100 East Michigan Dr.

 Phone:	405-236-4257	
Permit No:	SWM131401	

Phone: 575-390-5004

Truck No.

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

1

Signatures	1	/
Generator	expension	7 Jenn 14
	y Title	Date
Transporter MAIME WELDOA DR	Title	$\int - 7 - 14$
Receiving Facility Santos Gonzalize	Tille	1-7-14 Date

CTECH Etyliolenemiel 4. Safe	-ty Salutions, Inc.				ë			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manif	est	Manifest I	No: _	328-365 (Project		1	- <u>33</u> (Load No.)
Generator Info	mation							
Generator:	Precision Drilling				Conta	act:	Chri	stian Lavallee
Address:	10350 Richmond	Ave.			Phon	e:	713-	435-6100
City/State:	Houston,TX 7704	42						
Property/Lease	Name: Quail S	tate 16 No 3H			Lea	se N	o.: _	
County/State:	Lea, NM	Fa	acility Type:	Gas	s Well			
Waste informa	ation	~			<u> </u>			<u></u>
Description			-		Quantity	U	nit	Waste Code
Chloride contamin	ated soil from drilling of	perations.			20	с	Y	
					, · ,			
Transporter II						<u>. </u>		
Transnorter:	Riade					No 🕚	400	6

i ransporter:	Blade	I.D. NO.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Facility:	Lealand
Address:	180 US 62
City/State:	Carlsbad, NM

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

Generator

Transporter

Receiving Facility

8-14 Opera ~d Lar Selven 14 1-8-1 Title

CTECH			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardous Waste Manifest Manifest No:	328-365 (Project		- 34 (Load No.)
Generator Information			
Generator: Precision Drilling	Conta	act: <u>Chri</u>	istian Lavallee
Address: 10350 Richmond Ave.	Phon	e: 713	-435-6100
City/State: Houston,TX 77042			
Property/Lease Name: Quail State 16 No 3H	Lea	se No.:	
County/State: Lea, NM Facility Type: G	as Well		
Waste Information			
Description	Quantity	Unit	Waste Code
Chloride contaminated soil from drilling operations.	20	CY	
Transporter Information			

Address: City/State:

Facility:	Lealand	_
Address:	180 US 62	_
City/State:	Carlsbad, NM	_

1100 East Michigan Dr.

Hobbs, NM

Phone:	405-236-4257	

Phone: 575-390-5004

Permit No: SWM131401

Truck No.

Certification Statements

Signatures	
Generator Jean Africa	operator 5 Jon 14
Transporter VAJRE luggada Sa	- 5 ² - 14 Title Date
Receiving Santos Contalez	1-8-14 Title Date

CIECH		<u>h</u>					P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Was	te Manifest	Manifest I	No:	328-365 Project		- <u>35</u> (Load No.)
Generator Info	ormation						
Generator [.]	Precisio	on Drilling			Conta	act: _(Christian Lavallee
Address:	10350	Richmond Ave.			Phon	e: _7	713-435-6100
City/State	Housto	n,TX 77042					
Property/Lease	Name:	Quail State 16 N	lo 3H		Lea	se No.	:
County/State:	Lea,	NM	Facility Type:	Gas W	ell		
Waste Informa	ation						
Description				Q	uantity	Unit	t Waste Code
Chloride contamin	ated soil fro	om drilling operations		2	0	СҮ	
Transporter Ir	nformati	on					
-							

Transporter:	Blade	1.D. No.:	4096
Address:	1100 East Michigan Dr	Phone	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Facility	Lealand	Phone [.]	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility Receiving Facility: I certify that the designated wiste(s) were received via the designated transporter

1

Signatures	1 Mal-		/
Generator	frontit	CARINE TIBE	S Jan 1 1 Date
Transporter	YONDEROSS Truck	Cho Fer	1- 8-2014
Receiving Facility	Santos Conzaliz	Tide	1-8-14 Date

ETECH	Rey Sakson, Inc				P.O Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No	328-365	7_001	- 36
Generator Inf	ormation		(Project	N0.)	(Load No)
	Precision Drilling		Cont	act Chr	istian Lavailee
Address:	10350 Richmond Ave.		Phon		-435-6100
	Housen, TX 77042				
	e Name: Quail State 16 No	3H	 Lea	se No	
County/State:		Facility Type:			
Waste Inform	(10)				
waste inform	ation			-	
Description			Quantity	Unit	Waste Code
Chloride contamir	nated soil from drilling operations		20	CY	
	- L/		1		
	die .		1		
				24-1-1-1 1	
	1967		-		
Transporter I	nformation				
Transporter:	Blade		I.D. I	No.: 409	16
Address:	1100 East Michigan Dr.		Pho	one: 575	-390-5004
City/State:	Hobbš, NM				
Receiving Fa	cility Information				
Facility:	Lealand		Pho	one: 405	-236-4257

Address:	180 US 62	
City/State:	Carlsbad, NM	

Permit No: SWM131401

Certification Statements

Signatures		
Generator Jean H	operator Title	SJan 14 Date
Transporter JAIAK QUERADIA	DRIVER	1-5-14 Date
Receiving S. GONZADEZ	Title	1814 Date

ETECH	Try Schutions Mr)				P O. Box 8469 Midland, TX 79708 Tel 432-563-2200 Fax 432-563-2213
Non-Hazardo	ous Was	te Manifest	Manifest No:	328-365 (Project		- <u>37</u>
Generator Info	ormation					
Generator:	Precisio	on Drilling		Conta	act: Chr	istian Lavallee
Address:	10350	Richmond Ave.		Phon	e: <u>713</u>	-435-6100
City/State.	Housto	n,TX 77042				
Property/Lease	Name:	Quail State 16 No	3H	Lea	se No.:	
County/State:	Lea,	NM	Facility Type: Ga	is Well		
Waste Informa	ation					
Description				Quantity	Unit	Waste Code
Chloride contamin	ated soil fro	om drilling operations		20	CY	
Transporter Ir	nformatio	on				

Transporter: I.D. No.: 4096 Blade Phone: 575-390-5004 Address: 1100 East Michigan Dr. Hobbs, NM Truck No. City/State:

Receiving Facility Information

Facility:	Lealand	Phone.	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

Signatures	1 0//	1	1
Generator	Jean Alto	offerster Title	8 Jan 14 Date
Transporter	HIME CALLAR SE	DRIVER	1 - V - 12 Date 7
Receiving Facility	Santes Gonzalez	Title	1-814 Date

ETECH Environments 4 Ser	My Leakston L, Ying				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365 (Project		- <u>36</u>
Generator Info	ormation				
Generator:	Precision Drilling	<u> </u>	Conta	act: <u>Cl</u>	hristian Lavallee
Address:	10350 Richmond Ave.		Phon	e: <u>71</u>	3-435-6100
City/State:	Houston,TX 77042				
Property/Lease	Name: Quail State 16 No	3H	Lea	se No	
County/State:	Lea, NM	Facility Type: Ga	s Well		
Waste Informa	ation		<u> </u>		
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		20	СҮ	
Transporter Ir	nformation		· · · · · · · · · · · · · · · · ·	8	
Transporter:	Blade		I.D. I	No.: _4(096
Address:	1100 East Michigan Dr.		Pho	one: 57	75-390-5004
City/State:	Hobbs, NM		Truck	No.	
Receiving Fac	lity Information	· · ·			

Facility:	Lealand
Address:	180 US 62
City/State:	Carisbad, NM

Lealand	Phone:	405-236-425
180 US 62	Permit No:	SWM131401
Carisbad, NM		

Signatures	1 - 17		/
Generator	Jeon for	APENG TOS	8 Sen 10-1 Date
Transporter	PONDEROSG Truck	<u>chofer</u>	1-8 2014
Receiving Facility	S. Gonzaliz	Title	1-8.14 Date

ELECH	o Sudatoria Int) 55		at i			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Was	te Manifest	Manifest No	:32	28-3657- (Project No		- 39 (Load No.)
Generator Info	rmation						
Generator:	Precisi	on Drilling			Contact	: <u>Chr</u>	istian Lavallee
Address:	10350	Richmond Ave.			Phone	713	-435-6100
City/State:	Housto	n,TX 77042					
Property/Lease	Name:	Quail State 16 No	3H		Lease	No.:	
County/State:	Lea,	NM	Facility Type: _0	Sas Well			
Waste Informa	ition						
Description				Quar	ntity	Unit	Waste Code
Chloride contamina	ated soll fro	om drilling operations.	-	26	>	СҮ	
		·					
Transporter Ir	nformati	on					
Transporter	Blade				I.D. No	.: 409)6
Address:	1100 E	ast Michigan Dr			Phone	e: 575	5-390-5004

Receiving	Facility	Information

Hobbs, NM

City/State:

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Truck No.

Certification Statements

Signatures	1 old	10	/
Generator	Jeen Hr	operator	8 Jan 14
		Title	Date
Transporter	Mire Breconth	Dewer	1-8-14
		Title	Date
Receiving Facility	Janos Gonzalez	Title	1-8-14 Date
		e 1 (JAC)	C-ette

CTECH Environmental 4 S	Nerry Solutions, Int.	<u>D1</u>				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Was	ste Manifest	Manifest No:	328-365		- 400 (Logd No)
Generator Int	ormation	1		1	,	(2000-140.)
Generator:	Precisi	on Drilling		Cont	act: Ch	ristian Lavallee
Address:	10350	Richmond Ave.		Phor		3-435-6100
City/State:	Housto	n,TX 77042				
Property/Leas	e Name:	Quail State 16 N	o 3H	 Lea	se No.:	
County/State:	Lea,	NM	Facility Type: Ga	as Well		
Waste Inform	- 41 -					
waste inform	ation					
Description				Quantity	Unit	Waste Code
Chloride contamia	hated soil fro	om drilling operations.		20	CY	
			<u> </u>			
Transporter I	nformatic	on				
Transporter:	Blade			I.D. f	No.: 409	96
Address:	1100 E	ast Michigan Dr.		Pho	one: <u>575</u>	5-390-5004
City/State:	Hobbs,	NM		Truck I	No.	
Receiving Fa	cility Info	rmation				
Facility:	Lealand			Pho	one: 405	5-236-4257
Address:	180 US	62				/M131401
City/State:	Carlsba	d, NM		•		

Certification Statements

Signatures Generator Transporter Receiving Facility

CTECH	try songuos, for				P.O. Box 8469 Midland, TX 79708 Tel 432-563-2200 Fax 432-563-2213	
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365		_ 41	
Generator Infe	ormation		f. alaat	,10,1	1 (1080.140.)	
Generator:	Precision Drilling		Conta	act: Chi	ristian Lavallee	
Address:	10350 Richmond Ave.		Phon	e 713	-435-6100	
City/State:	Houston,TX 77042					
Property/Lease	e Name: Quail State 16 No 3H	·	Lea	se No.:		
County/State:	Lea, NM Fa	acility Type:Ga	is Well			
Waste Inform	ation		5			
Description Chloride contamin	ated soil from drilling operations.		Quantity	Unit	Waste Code	
			20	CY		
					· · · · · · · · · · · · · · · · · · ·	
	<u>, men se en la composition de la composition de</u>				· · · · · · · · · · · · · · · · · · ·	
Transporter II	oformation					
Transporter:	Blade			No: 400	06	
Address:				I.D. No.: 4096		
City/State: Hobbs, NM			Phone: <u>575-390-5004</u> Truck No.			
·		· · · ·		···		
Receiving Fac	cility Information					
Facility:	Lealand		Pho	one: 405	5-236-4257	

Certification Statements

180 US 62

Carlsbad, NM

Address:

City/State:

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Permit No: SWM131401

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Signatures		1
Generator Lon, APD	operator	9 Jan 14
Transporter	DiAILEr Title	Date Date
Receiving Facility	Clerk- Title	Date

ELECH	Hy Souldians, Fre		ų.			P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Was	te Manifest	Manifest No:	328-365		- 42 (Load No.)
Generator Info	rmation			((2000 110.)
Generator:	Precisio	n Drilling		Cont	act: Ch	ristian Lavallee
Address:	10350 F	Richmond Ave.		Phon	ie: 713	3-435-6100
City/State:	Houston	n,TX 77042				
		Quail State 16 No	o 3H	Lea	se No.:	
County/State:	Lea,	NM	Facility Type: Ga	is Well		
Waste Informa	tion					
Description						
Description Chloride contamina	ated soil fro	n drilling operations.		Quantity	Unit	Waste Code
			<u> </u>	20	CY	
			<u></u>			
		·_···				
Transporter In	formatio	n				
Transporter	Diada					

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Facility:	Lealand	
Address:	180 US 62	-
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

1

Signatures	/					
Generator Jun Hall operator	9 Jan 14 Date					
Transporter PONDEROSA Torre chofer	1-9-2014 Date					
Receiving Autor Charkeros Cherk	1-9-2014 Date					
ETECH	ry Soldanis, Inc	<u>)</u>				P.O, Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
--------------------	------------------	------------------------	------------------	----------	---------------	--
Non-Hazardo	ous Was	ste Manifest	Manifest No:	328-36	57-001	- <u>43</u>
Generator Info	mation					
Generator:	Precisi	on Drilling		Cor	tact: Chr	istian Lavallee
Address:	10350	Richmond Ave		Pho	ne: 713	-435-6100
City/State:	Housto	n,TX 77042				
Property/Lease	Name:	Quail State 16 No	3H	Le	ase No.:	
County/State:	Lea,	<u>NM</u>	Facility Type: G	as Well		
Waste Informa	tion		····			
Description				Quantity	Unit	Waste Code
Chloride contamina	ated soil fro	m drilling operations.		20	СҮ	
	<u> </u>					
Transporter In	formatic	on			- <u>4</u> I.	
Transporter:	Blade			I.D.	No.: 409	6
Address:	1100 E	ast Michigan Dr.		Ph	one: 575	-390-5004

City/State:	Hobbs, NM	
Receiving	Facility Information	

Facility.	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

 Phone:	405-236-4257	
 Permit No:	SWM131401	

Truck No.

Certification Statements

Signatures		,
Generator Juon AD	operator	9 Jan 14 Date
Transporter	DRIVER	01 09 14 Date
Receiving Facility	Clerk_	<u> </u>

ETECH Environment & Sal	holy Sadu Danie Inter				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213	
Non-Hazardo	ous Waste Manifest	Manifest No;	328-365 (Project		- 44	
Generator Info	ormation		(*	(000140.)	
Generator:	Precision Drilling		Cont	act: Chri	stian Lavallee	
Address:	10350 Richmond Ave	······	Phon		435-6100	
City/State:	Houston, TX 77042					
Property/Lease	Name: Quail State 16 No	3H	 Lea	se No.:		
County/State:	Lea, NM	Facility Type: Ga				
Waste Information						
Description			Quantity	Unit	Waste Code	
Chloride contamin	ated soil from drilling operations.		20	СҮ		
Transporter in	formation					
Transporter:	Blade			No.: 4096	6	
Address:	1100 East Michigan Dr.		Pho	ne: 575-	-390-5004	
City/State:	Hobbs, NM		Truck	No		

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

 Phone:	405-236-4257	
 Permit No:	SWM131401	

Certification Statements

Signatures		
Generator from African	operator	9 Jan 14
Transporter	DR ILE C Tribe	Date Q4 Date
Receiving ALL'LL	Clerk	1-9-14- Date

ELECH ELEVELORIZATION & SUIV	P Selimente Pro				P.O. Box 8469 Midland, TX 79708 Tet: 432-563-2200 Fax 432-563-2213
Non-Hazardo	us Waste Manifest	Manifest No:	328-365		. 175 (Lond No.)
Generator Info	rmation				12-00-00
Generator:	Precision Drilling		Conta	act: Chr	ristian Lavallee
Address:	10350 Richmond Ave				3-435-6100
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No	3H	Lea	se No.:	
County/State:	Lea, NM	Facility Type: Ga			
Waste Informa	tion		<u> </u>		
Description			Quantity	Unit	Waste Code
Chloride contamina	ted soil from drilling operations.		20	CY	
Transporter Int	formation				
Transporter:	Blade			lo.: 409	6
Address:	1100 East Michigan Dr.		Pho	ne: 575	-390-5004
City/State:	Hobbs, NM				
Receiving Faci	lity Information				

Receiving F	acinty information	
Facility:	Lealand	

Facinty.	Lealand	 Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Phone: 405-236-4257

Signatures		
Generator Jeon 9106	operator	9 Jan 14
Transporter	Title	Date 1 3 1 4
	Title	Date
Receiving Facility	Clerk) Q Outer

	Mary Solutions ine		8 3		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-36		- 46
Generator Infe	ormation		(Projec	t No)	(Load No)
Generator:	Precision Drilling		Cont	act: Ch	ristian Lavallee
Address:	10350 Richmond Ave.		Obin		3-435-6100
City/State:	Houston, TX 77042			<u>/ic</u>	-433-0100
	e Name: Quail State 16 No 3	H	lea	se No	
County/State:		Facility Type: Ga	Loo		
Waste Inform					
waste inform	ation				
Description			Quantity	Unit	Waste Code
	ated soil from drilling operations.		20	СҮ	· · · · · · · · · · · · · · · · · · ·
Transporter Ir	nformation			<u> </u>	<u> </u>
Transporter:	Blade		I.D. !	No.: 409	6
Address:	1100 East Michigan Dr.				-390-5004
City/State:	Hobbs, NM				
Receiving Fac	ility Information				
Facility:	Lealand		Pho	ne: 405	-236-4257
Address	180 US 62				M131401
City/State:	Carlsbad, NM				

Signatures /		
Generator Jeon H	operator	9 Jun 14 Date
Transporter TONDEROSC TOUCK	choFer Title	1-9-2014/ Date
Receiving Facility	Clerk	1-7-14- Date

Environmental A.S.	Any Solution for				P.O. Box 8469 Midiand, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Waste Manifest	Manifest No:	328-365		- 47
Generator Inf	formation		(r tojou		(Load No)
Generator	Precision Drilling		Cont	act: Ch	ristian Lavallee
Address:	10350 Richmond Ave.		 Db		3-435-6100
City/State:	Houston,TX 77042			<u> </u>	
Property/Leas	e Name: Quail State 16 N	o 3H	Lea	se No.:	
County/State:	Lea, NM	Facility Type: Ga			·
Waste Inform					
waste inform					
Description			Quantity	Unit	Waste Code
Chionde contamir	nated soil from drilling operations.		20	CY	
Transporter l	nformation				
Transporter:	Blade		I.D: 1	No.: 409	96
Address:	1100 East Michigan Dr.				5-390-5004
City/State:	fit fit and				
Receiving Fac	cility Information		-		
Facility:	Lealand		Pho	ne: 405	5-236-4257

City/State: Carlsbad, NM

180 US 62

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Certification Statements

Address:

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS... Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter...

Permit No: SWM131401

Signatures		
Generator Leon APS	openator	9 Jan 14
	7 Title	Date
Transporter APATANNO SOUS	Title	01 09 14 Date
Receiving Facility	(Jerk	

ETECH	Alley Solutions. The		.		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Waste Manifest	Manifest No:	328-365		. 4-6
Generator Inf	ormation		fri Olari	1140 /	(Load No.)
Generator:	Precision Drilling		Cont	act: (Christian Lavailee
Address:	10350 Richmond Ave.		Phor		713-435-6100
City/State:	Houston, TX 77042			_	
Property/Leas	e Name: Quail State 16 N	o 3H	Lea	se No.	
County/State:	Lea, NM	Facility Type: G	as Well		2
Waste Inform					
waste intorm					
Description		<u> </u>	Quantity	Unit	Waste Code
	nated soil from drilling operations.		20	СҮ	
Transporter I	nformation				
Transporter:	Blade		I.D. I	No.: 4	1096
Address:	1100 East Michigan Dr.		Pho	one: 5	575-390-5004
City/State:	Hobbs, NM		 Truck {	No	

Facility:	Lealand	
Address [.]	180 US 62	
City/State:	Carlsbad, NM	

_	Phone:	405-236-4257	
_	Permit No:	SWM131401	

Certification Statements

Signatures Generator Transporter <u>۵</u>۵/ Receiving Facility

ETECI	Janey Solutioners, The			<u>te</u>	P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Waste Manifest	Manifest No:	328-365		. 49
Generator In	formation		(Projeci	NO)	(Load No)
Generator:	Precision Drilling		Cont	act: Ch	ristian Lavallee
Address:	10350 Richmond Ave.		Phon		3-435-6100
City/State:	Houston, TX 77042			<u> </u>	
Property/Leas	e Name: Quail State 16 No	3Н	Lea	se No.:	
County/State:		Facility Type: Ga	,		
Waste Inform					
waste inform	lation				
Description			Quantity	Unit	Waste Code
Chlonde contami	nated soil from drilling operations.		20	CY	
Transporter I	nformation				
Transporter:	Blade		I.D. N	No.: 409	96
Address	1100 East Michigan Dr.		Pho	ne: 575	5-390-5004
City/State:	Hobbs, NM		Truck	No.	
Receiving Fa	cility information				9
Facility:	Lealand		Pho	ne: 405	5-236-4257
Address:	180 US 62		Permit		/M131401

Carlsbad, NM

City/State:

Signatures Generator 9 9 Transporter lest, Receiving Ð Facility

ECCUPICITIES OF A S	Mary Solutions Tax				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Waste Manifest	Manifest No:	328-365	57-001	50
•			(Project		(Load No.)
Generator Inf					
Generator	Precision Drilling	··	Cont	act: Chi	ristian Lavallee
Address:	10350 Richmond Ave.		Phor	ne: 713	3-435-6100
City/State:	Houston, TX 77042				
Property/Leas	e Name: Quail State 16 No	3H	 Lea	se No.:-	
County/State:	Lea, NM	Facility Type: Ga	s Well		
Waste Inform	ation				
Description			Onerth		
	ated soil from drilling operations.		Quantity	Unit	Waste Code
			20	CY	
Transporter li	nformation			1	
Transporter:	Blade		I.D. 1	No.: 409	6
Address:	1100 East Michigan Dr.				-390-5004
City/State:				No.	
Receiving Fac	ality information		_	5.4	

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

 Phone:	405-236-4257	
 Permit No:	SWM131401	

Certification Statements

Signatures Generator 9 Jan 14 Date Title cho 2014 0 Transporter R FUEL)Æ \langle + D Receiving Facility



P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213

			Manifest I	No: <u>3</u>	28-3657-00	1 -51
Generator Info	rmation				(Project No)	(Load No)
Generator:		n Drilling			Contact:	Christian Lavallee
Address:	10350 F	Richmond Ave		·····	Phone:	713-435-6100
City/State:	Houstor	n,TX 77042				
Property/Lease	Name:	Quail State 16 N	o 3H		Lease N	0.
County/State:	Lea,		Facility Type:	Gas Well		
Waste Informa	tion					
waste monna	tion					

Description	Quantity	Unit	Waste Code
Chloride contaminated soil from drilling operations.		01	
	20	CY	
	1		

Transporter Information

Transporter:	Blade	I.D. No.	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Receiving Facility Information

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257	_
Permit No:	SWM131401	

Certification Statements

Signatures /		
Generator Jean Ho	opennor	9 Jan 14
	Title	Date
Transporter	DRIVER	010914
		Date
Receiving Facility	Cerk	1-9-14-
	" Tjbe	Date

	ny Soldsore Me		2		P.O. Box 8469 Midfand, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest N	0: <u>328-365</u> (Project		
Generator Info	ormation				
Generator:	Precision Drilling		Conta	act: Chr	istian Lavallee
Address:	10350 Richmond Ave.		Phon	e: 713	-435-6100
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No	3H	Lea	se No.:	
County/State:	Lea, NM	Facility Type:	Gas Well		
Waste Informa	ation				
Description			Quantity	Unit	Waste Code
Chloride contamina	ated soil from drilling operations.		20	CY	
				-	
	·····				

Transporter Information

Transporter:	Blade	I.D. No.	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Receiving Facility Information

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in guantity above was received by me for shipment to the designated receiving facility.

Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

galal pperator 1-8-17 Date Generator PR DRIVER 1-Transporter 14 Receiving Facility

ETECH	Ny Salazioni Tre				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest I	No: <u>328-365</u> (Project		- 37-5-
Generator Infe	ormation				
Generator:	Precision Drilling		Conta	act: Chr	istian Lavallee
Address:	10350 Richmond Ave.		Phon	e: 713	-435-6100
City/State:	Houston,TX 77042				
Property/Lease	Name: Quail State 16 No	3H	Lea	se No.:	
County/State:			Gas Well		
Waste Inform	ation				
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		20	CY	
	·				

Transporter Information

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Receiving Facility Information

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Generator	- dip dan-	uperetor Title	/ - 0 - /4/ Date
Transporter	PONDEROSA Trulk	<u>choFer</u>	1-8 2014 Date
Receiving Facility	Santa Gonzalez	Title	1-8-14 Date

	1		11		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardous Waste		/anifest No: _	328-365 (Project I		- 04 54
Generator Information					
Generator: Precision	Drilling		Conta	ct: <u>Chri</u>	istian Lavallee
Address: 10350 Rid	chmond Ave.		Phone	e: <u>713</u>	-435-6100
City/State: Houston,	FX 77042			-	
Property/Lease Name:	Quail State 16 No 3H		Leas	e No.:	
County/State: Lea, N	M Facilit	ty Type: <u>Gas</u>	Well		
Waste Information					
Description			Quantity	Unit	Waste Code
Chloride contaminated soil from	drilling operations.		20	СҮ	
	<u> </u>				
Transporter Information					
Transporter: Blade			I.D. N	lo.: <u>409</u>	6
Address: 1100 Eas	t Michigan Dr.		Pho	ne: 575	-390-5004
City/State: Hobbs, N	M		Truck N	lo	
Receiving Facility Inform	ation				

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carisbad, NM	

 Phone:	405-236-4257	_
 Permit No:	SWM131401	_

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Signatures		
Generator	Coperco or Title	23 Jean 14. Deta
Transporter Alley (V. 140,2 511	Tide	1-23-14 Osta
Receiving Facility J. G. Ongalez	Title	1-23-14 Date

CTECH	why SodyBovre, Mic					P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Wa	ste Manifest				
			Manifest No:	328-365 (Project		(Load No.)
Generator Info	ormation	ì			,	(=)
Generator:	Precisi	on Drilling		Cont	act: Ch	ristian Lavallee
Address:	10350	Richmond Ave.		Phor		3-435-6100
City/State:	Housto	n,TX 77042				
Property/Lease	Name:	Quail State 16 N	o 3H	Lea	se No.:	
County/State:	Lea,	NM	Facility Type: G	as Well		
Waste Informa	ation					
Description				Quantity	Unit	Waste Code
Chloride contamin	ated soil fro	m drilling operations.		20	СҮ	
Transporter in	formatio	on			<u>.</u>	.
Transporter:	Blade			I.D . I	No.: 40	96
Address:	1100 E	ast Michigan Dr.		Pho	one: 57	5-390-5004

Hobbs, NM

1

Facility:	Lealand
Address:	180 US 62
City/State:	Carlsbad, NM

 Phone:	405-236-4257	
 Permit No:	SWM131401	

Truck No.

Certification Statements

Contributions Statements Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or locat regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

City/State:

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Generator	Long Cip and		23.Jen 14
Transporter	Jame Querraile	DEWER	1-23-14 Otto
Receiving Facility	Stionzaliz	Tride	1-23-14 Date

ETECH	Ney Solutions, The	12			P.O. 8ox 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365		- 25 54
Generator Inf	ormation				
Generator:	Precision Drilling		Cont	act: Chri	stian Lavallee
Address:	10350 Richmond Ave.		Phon	e: 713	-435-6100
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No	зн	Lea	se No.:	
County/State:	Lea, NM				
Waste Inform	ation				
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		20	CY	
	·····				
Transporter II	nformation				
Transporter:	Blade			No.: 409	6
Address:	1100 East Michigan Dr.		Pho	ne: 575	-390-5004
City/State:	Hobbs, NM		Truck I	No	

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	·····

Phone	405-236-4257
Permit No:	SWM131401

Certification Statements

Signatures	Si	aл	atu	res
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Signatures	5 1		
Generator	- 20 21 plan	Cape puter	23 Jan 14
Transporter	AIME QUELADO 52	ELCIV.	Dete
Receiving Facility	9. Gonzaliz	Trile	1-23-14

ETECH	Hy Eckelon Ter	<u>n</u>	le,		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365 (Project		(Load No)
Generator Info	ormation				
Generator:	Precision Drilling		Conta	act: <u>Chri</u>	stian Lavallee
Address:	10350 Richmond Ave.		Phon	e: 713	-435-6100
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 N	o 3H	Leas	se No.:	
County/State:	Lea, NM	_ Facility Type: _Ga	is Well		
Waste Informa	ation				
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.		20	CY	
Transporter In	formation		<u></u>		
Transporter:	Blade		I.D. N	lo.: 409	6
Address:	1100 East Michigan Dr.				-390-5004
City/State:	Hobbs, NM		Truck I		
Descholaus Des	1114 A A				

Facility:	Lealand	Phone:	405-236-4257
Address:	180 US 62	Permit No:	SWM131401
City/State:	Carlsbad, NM		

Certification Statements

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Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Generator		Cight - white	p3 Jan 12
Transporter	Jame Alexande	Dewee	1-23.14'
Receiving Facility	S. Gonzaliz	Title	1/23/14

ETECH	Why Solutions, the				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Waste Manifest	Manifest No:			. 255
Generator Inf	ormation		(Project	No.)	(Load No.)
	Des elsis a Dellis a		Cont	act: Chi	ristian Lavallee
Address:	10350 Richmond Ave.				3-435-6100
	Houston,TX 77042		Filon		5-435-0100
	e Name: Quail State 16 No		l.o.2	ea No :	
	Lea, NM			SC NO	······································
o o o nity i o tato.	200, 1111	1 dointy 1 ypt			
Waste Inform	ation				
Description			Quantity	Ųnit	Waste Code
Chloride contamir	nated soil from drilling operations.			OV	
			20	CY	
			l		l
Transpo r ter I	nformation				
Transporter:	Blade		I.D. I	No.: 409	96
Address:	1100 East Michigan Dr.			one: 578	5-390-5004
City/State:	Hobbs, NM				
Receiving Fa	cliity information				
Facility:	Looland		Pho	onē: 40!	5-236-4257
			-		/M131401
Address:	180 US 62				

and the

regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

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Generator	2406	DOLL- Jur Trite	24 Jan 14 Date
Transporter	June Chrenton fr	<u>DLIVER</u> Title	<u> 1-24-13</u> Date
Receiving Facility	J. Gonzakz	Title	1-24.12

10.00

		12		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardous Waste Manifest	Manifest No:	328-365		LP
Generator Information		38 ·		(0000)
Generator: Precision Drilling		Cont	act: Chr	stian Lavallee
Address: 10350 Richmond Ave.				-435-6100
City/State: Houston,TX 77042				
Property/Lease Name: Quail State 16 N	o 3H	Lea	se No.:	
County/State: Lea, NM				
Waste Information		····	<u> </u>	
Description		Quantity	Unit	Waste Code
Chloride contaminated soil from drilling operations.		20	CY	
	R1			
Transporter Information	- <u> </u>		L	

i ransporter information

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Receiving Facility Information

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Generator	dr.D.	ODELGADOR SETE SAP	<u>1-27-14</u>
Transporter	James Quesaper le	DLKEK	1.27-14 Date
Receiving Facility	S. Genzaliz	Title	1-27-14

ETTECH	1			8	P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Waste Manifest	Manifest No:	328-365 (Project		- 49- (05
Generator Inf	ormation				
Generator:	Precision Drilling		Conta	act: Chr	istian Lavallee
Address:	10350 Richmond Ave.		Phon	e: 713	-435-6100
City/State:	Houston, TX 77042				
Property/Lease	e Name: Quail State 18 No	o 3H	Lea	se No.:	
County/State:	Lea, NM	Facility Type: Ga	s Well		
Waste Inform	ation			<u></u>	
Description			Quantity	Unit	Waste Code
Chloride contamin	nated soil from drilling operations.		20	CY	
	·····				····
Transporter i	nformation	·	h. <u></u>	I	<u> </u>
Transporter:	Blade			No.: 409	6
Address:	1100 East Michigan Dr.		_ Pho	ne: 575	-390-5004
City/State:	Hobbs, NM		Truck t	No	
Receiving Fac	cility information				

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

 Phone:	405-236-4257	
 Permit No:	SWM131401	

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Generator	Hadd	<u>07779909 / 3576 S.P.</u>	1-27-14 Deto
Transporter	Furine Colonia	The second	1 - 7 7 1J Date
Receiving Facility	S. Gonzaliz	Title	1-27-W

ETECH	Any Salations, Life	<u>h</u>						P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Wa	ste Manifest	Manifest No) :	328-365	57-00	1	
.				<u></u>	(Project			(Load No.)
Generator Inf		-						
Generator:				<u>_</u>	Cont	act:		istian Lavallee
Address:		Richmond Ave.			Phon	e:	713	-435-6100
City/State:		n,TX 77042		,				
		Quail State 16 No			•	se N	o.: _	
County/State:	Lea,	NM	_ Facility Type: _(Gas We				
Waste Inform	ation							
Description		· · · · · · · · · · · · · · · · · · ·		Qu	antity	Ur	ait	Waste Code
Chloride contamir	nated soil fro	om drilling operations.						11000 0000
				122	5	C	Υļ	
Transporter I	nformatio	on						
Transporter:	Blade				I.D. 1	No.:	409	6
Address:	1100 E	ast Michigan Dr.						-390-5004
City/State:	Hobbs,	NM			Truck I			
Receiving Fac	cility info	rmation				-		
Facility:	Lealan	4			Pho	ne	405	-236-4257
Address:	180 US							M131401
City/State:	Carlsba				· writing		011	

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures //

Generator	Ann 2/ Co	openator Title	2+ Jan 14 Date
Transporter	JAIME MELADA SE	DRIVER THE	<u>1-24-14</u> Oute 1
Receiving Facility	S (JUDZ aliz	Tide	1-24-14



P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213

Non-Hazard	ous Was	te Manifest				
			Manifest N	No: 3	28-3657-00	
Generator Inf	ormation				(Project No.)	(Load No)
Generator:		on Drilling			Contact:	Christian Lavallee
Address:	10350 /	Richmond Ave.	<u> </u>		Phone:	713-435-6100
City/State:	Housto	n,TX 77042				
Property/Lease	a Name:	Quail State 16 N	o 3H		Lease N	0.
County/State:	Lea,	NM	Facility Type:	Gas Well		

Description	Quantity	Unit	Waste Code					
Chloride contaminated soil from drilling operations.	20	CY						

Transporter Information

Transporter	Blade	I.D. No.	4096
Address:	1100 East Michigan Dr.	Phone.	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Receiving Facility Information

Facility:	Lealand	
Address:	180 US 62	
City/State:	Carlsbad, NM	

Phone:	405-236-4257
Permit No:	SWM131401

Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Generator	2 and a	operate- Tide	24 Jan 14 Date
Transporter	Janux Obinese &	Deloce	1-24-14 Date
Receiving Facility	S. Gozaliz	Title	1-24-14 Dete

CTECH	ry Surtenens Ste	2				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	us Wa	ste Manifest	Manifest No:			
Generator Info	rmatior	n		(Projec	1.140.)	(Load No.)
Generator:	Precisi	on Drilling		Cont	act: Chr	ristian Lavallee
		Richmond Ave.		Phor		-435-6100
City/State:	Housto	on,TX 77042				
	Name:	Quail State 16 N	o 3H	Lea	se No.:	
County/State:	Lea	, NM	_ Facility Type: _G		-	
Waste Informa	tion					
Description				Quantity	Unit	Waste Code
Chloride contamina	ited soil fro	om drilling operations.		20	СҮ	
Transporter In	formati	on				
Transporter:	Blade	· · · ·		I.D.	No.: 409	6
Address:	1100 E	ast Michigan Dr.		Ph	one: 575	5-390-5004

Hobbs, NM

Facility:	Lealand
Address:	180 US 62
City/State:	Carlsbad, NM

Ъў.

Phone:	405-236-4257
Permit No:	SWM131401

Truck No.

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Certification Statements

Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

Signatures

City/State:

Generator	Operator Title	24 Jan 14 Date
Transporter JAIME SE	CIARC DRIVER	1-24-14 Date
Receiving S. GOY	Iz Ciliz	1124/14 Date

CTECH	All Solutions The		2		P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazard	ous Waste Manifest	Manifest No:	328-365 (Project		- 09 (1).7
Generator Int	formation				,,
Generator:	Precision Drilling		Cont	act: Chi	ristian Lavallee
Address:	10350 Richmond Ave.		Phor	e: 713	3-435-6100
City/State:	Houston, TX 77042				
Property/Leas	e Name: Quail State 16 No	3H	Lea	se No.:	<u></u>
County/State:	Lea, NM	Facility Type: Ga	s Well	-	
Waste Inform	nation	5			
Description		·····	Quantity	Unit	Waste Code
Chloride contami	nated soil from drilling operations.				
			20	CY	
L					
Transporter I	nformation				
Transporter:	Blade			No.: 409	16
Address:	1100 East Michigan Dr.		Pho	ne: 575	5-390-5004
City/State:	Hobbs, NM		Truck I		
Receiving Fa	cillty information				
Facility:	Lealand		Pho	ne: 405	i-236-4257
Address:	180 US 62				M131401
City/State:	Carlsbad, NM				

Certification Statements Generator: The waste(s) described above is not a hazardous waste pursuant to 40 CFR Part 261 and any applicable state or local regulations based upon process knowledge, and or analysis, and/or MSDS. Transporter: I certify the waste in quantity above was received by me for shipment to the designated receiving facility. Receiving Facility: I certify that the designated waste(s) were received via the designated transporter.

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Signatures		
Generator	onierandar Title	24 Jan 14
Transporter AIME QUELADA SPL	DRWER Title	1-24-14 Date
Receiving S. CIONTALT	Title	1-24-14 Date

ETECH	Herry Solutioners, Free				P.O. Box 8469 Midland, TX 79708 Tel: 432-563-2200 Fax: 432-563-2213
Non-Hazardo	ous Waste Manifest	Manifest No:	328-365	7 001	100 102
		Marinest NO.	(Project		(Load No.)
Generator Infe	ormation				(,
Generator:	Precision Drilling		Conta	act: Chr	istian Lavallee
Address:	10350 Richmond Ave.		Phon		-435-6100
City/State:	Houston, TX 77042				
Property/Lease	Name: Quail State 16 No	3H	 Lea	se No.	
County/State:				-	
Waste Inform	ation				
waste informa					
Description			Quantity	Unit	Waste Code
Chloride contamin	ated soil from drilling operations.			OV.	
			20	CY	
Transporter In	formation				

Transporter:	Blade	I.D. No.:	4096
Address:	1100 East Michigan Dr.	Phone:	575-390-5004
City/State:	Hobbs, NM	Truck No.	

Facility:	Lealand	
Address:	180 US 62	-
City/State:	Carlsbad, NM	-

Phone:	405-236-4257	
Permit No:	SWM131401	

Certification Statements

Signatures	·		
Generator	Jun Cipia -	orperinster Title	24 Jan 14 Date
Transporter	JAME QUEZADA JE	DRIVER	1-JHA
Receiving Facility	S. Gonzalk	Titlo	1-24-14 Date

Attachment F Photographs

Photograph Log Date Taken: January 29, 2014



Photograph Log Date Taken: January 29, 2014



Photograph Log Date Taken: January 29, 2014



Photograph Log Date Taken: January 29, 2014

