KOLAR Document ID: 1457181

## Kansas Corporation Commission Oil & Gas Conservation Division

Form CDP-5 May 2011 Form must be Typed

## **EXPLORATION & PRODUCTION WASTE TRANSFER**

Operator Name:	License Number:		
Operator Address:			
Contact Person:	Phone Number: ( ) -		
Permit Number (API No. if applicable):	Lease Name:		
Source of Waste:	Well Number:		
Emergency Pit Settling Pit	Source Location (QQQQ):     Sec Twp R   East   West		
Workover Pit Drilling Pit	Feet from North / South Line of Section		
Burn Pit Haul-off Pit	Feet from East / West Line of Section		
Steel Pit Spill / Escape	GPS Location: Lat:, Long:		
Dike	Datum: NAD27 NAD83 WGS84 County:		
No Waste to be Hauled: (If checked, provide an explanation as to why r	no waste was hauled in the Comments area.)		
Type of waste to be disposed: Fluid Soil Mud	/ Cuttings Other:		
Amount of waste: No. of loads BarrelsTons YDS			
Destination of waste: Reserve Pit Haul Off Pit Disposal Well Lease Road Dike / Berm Other:			
If waste is transferred to another reserve pit, is the lease active?	☐ No		
Location of Waste Disposal:			
Destination Out of State: (If checked, provide the location of where the v	waste was hauled in the Comments area.)		
	Date of Waste Transfer:		
Operator Name:	License No.:		
Lease Name:	Sec Twp R East West		
Docket No./API No.:	County:		
Comments:			
Submitted Elect	ronically		

Post Office Box 438 Haysville, Kansas 67060 Phone: (316) 524-1225 Fax (316) 524-1027

> **Burrton, Kansas 67020** Phone: (620) 463-5161 Post Office Box 607

MESA QUALITY FOCUSED SPECIALTY CONSTRUCTION COMPANY P.O. BOX 52608 FULSA, OK 74152

Date

Address PAWNEE CO, KANSAS

Lease ROSE KOCK 32.2

MILE PAST 32

PO#10-18-0581

Description of Work

suck up cuttings and mud from drilling procedure. # 165/#245 41/2 hrs.

DRIVER OR OPERATOR

Haysville, Kansas 67060 Phone: (316) 524-1225 Post Office Box 438

Burrton, Kansas 67020 Phone: (620) 463-5161 Post Office Box 607

Fax (316) 524-1027

Company P.O. BOX 52608 SPECIALTY CONSTRUCTION JULSA, CR 至52

Date

Address PAWNEE CO. KANSAS

Nº 27455

Lease ROSE KOCK 32.2

PO#10-18-0581

Description of Work

HAUL LOAD OF OUTTINGS AND MUD TO UNDERGROUND CAVERN

STABILIZATION, LIC HUTCHINSON, KS.

MILE POST 32

HCS, HC INVOICE #1763 \$607.76

31/2 hrs. 2 H2 100/#

MIRE HOME

DRIVER OR OPERATOR



CAVERN STABILIZATION

Underground Cavern Stabilization, LLC

PO Box 225 Great Bend, KS 67530

## RECEIVED

NOV 0 5 2018

## Invoice

Date	Invoice #
11/2/2018	1763

Bill To	Ship To	
Gressel Oil Field Service, LLC PO Box 438 Haysville, KS 67060	BRM #147-1175 Manifest #147-3430	

P.O. Number	Terms	Rep	Ship	Via	F.O.B.		Project
	Net 15		11/1/2018				
Quantity	Item Code		Descripti	on	Price 8	Each	Amount
79.61 31			out - Maximum sale, exempt fr			5.75 150.00 0.00%	457.76° 150.00° 0.00

## 2018 Beneficial Reuse Material Log UCS - Hutchinson Facility

1	T	Mr.k		
	Vehicle	mi Dump Semi T		_
	Chlorides	as Ho Me		_
	Pluid Denuty Chin	PFG PP		12.1 CLEANOLIT
	Volume	(Q)	-	1 40460
	Volume	(60%)	1	9.6/
whit Weight	th Out	(50)	-	16420 3596
We	Volume	11OUA		20 23
NORM	Reading (	1		0
	Emplacemen			SW-13
	Young			50.23
	Scale Tetrer 8		79.6257	10430
	W/Paperwork		246	
Market	Description		Cement slurry	
200	Approval a		147-1175	
Manfey	Tracking #		147-3430	
orter	Driver		Michael	
Transp	Company		Grasseri Dil	
Generator	DR Name		147 Gressel Oil	
	Date	0000/0/00	11/1/2018	

	*,	
51341	Sollar Gressel Oilfield	784367 Date 11-1-18
SALWA, K5	Seller/ Buyer  Address Po Box 438	Remarks
& SERVICE -	State Sip 67000-0438 Store Sell Commodity Cover & Survey	76420 LB 08:24 am 11/01/18
SALINA SCALE SALES	Price  Driver: On Off Civil Civil  Weigher US	35960 LB 09:21 am 11/01/18
·	Post Of GREAT BEND, I	rern Stabilization, LLC fice Box 225 KANSAS 67530-0225 20) 662-6367

No. 1691

LOHOUD Date: 11-1-18

Name

trupalle KS 10 NGC-0438

Quantity: DESCRIPTION OF SERVICE AMOUNT TOTAL

Truck cleanout 15000

TRUCKING COMPANY

Ву:

Form 45

BILL TO:

Address

## BENEFICIAL REUSE MATERIALS MANIFEST-PROCESS KNOWLEDGE

ricas	se print or type		SE MATERIALS					
	1. Generator/Operator UCS ID Number:	2. Page I of	3. Emergency Response Phone #	4. Manif	fest Tracking	5. (	JCS BRM A	approval Number:
	14.7			147	-3430		47 11	75
	6. Generator/Operator Na	me and Mailin	g Address:	Generator/O	perator Site A	ddress (if	different than	mailing address)
	Kose Rock Midst	= 10D						maning address)
	7. Generator/Operator Sou	rce Location:	Local	Lose K	ock 32.	۷		
	Sec. 2 Twp. 3	2 R. 16 F	ast West 0	Generator/O	perator Source	e Location	: Longitude	
	feet from N	orth/ Sou	th line of section	Generator/O	Longit perator Source	e Location	· Dhysical A	Latitude
	feet from		est line of section			Location	. I Hysical F	ruaress.
		nty, Kansas		- Control of the Cont				
OR	8. Transporter 1 Company	Name		-	UCS ID	Number:		
AT(	Gressel [	Sil.						
ER	9. Transporter 2 Company	/ Name'			UCS ID	Number:		
VOF								
GENERATOR/OPERATOR	10. Designated Facility Na	ame and Site A		erground Caven	n Stabilization	ı. LLC		
3			7513	South K14 Hw	Y	0. F. (1) 10 TE (1) TE (1)		
Z	Facility's Phone Number	r: 620.662.63	Sout 57	h Hutchinson, K	CS 67505			
G	BRM Description (as no	ted on the Fo	The second second	ontainers	12 Tota	l Quantity	112.7	
1			No.	Туре	12. 100	ii Quantity	13. 0	Init Wt./Vol.
	1. Cornerd Ju							
	2.	way						
	3.							
	representations (18 U.S.C. 1001; 4 and complete. As to the identified supervisory responsibility for the p Generator/Operator Name	Signatur	g under my direct instruc	nnot personally veri tions, made the veri	fy truth and accurate this Month	racy, I centify information Day	s true, accurate Year	official having and complete.
	15. Transporter's Acknowle	dgment of Rec	ceipt of Materials	2017				
-	Transporter 1 Name	Signatur	e		Month	Day	Year	Time
					10	31	1	100 221
	Transporter 2 Name	Signatur	e		Month	-	2018	0,00
#					IVIORILI	Day	Year	Time
ANSI	16. TRANSPORTER'S CERTIFIC and have not been tampered with in this consignment has been transport terms of the attached Materials EmpTransporter 1 Nauge	ed by the most dir	ect route possible by cur Application.	ts of this consignme of my custody unles	s. I certify that th	by addition: c contents of	al transporter si this consignme	gnature, and that int conform to the
·	Miden Hong		419	Chris	Month	Day	Year 18	Time 8:00 An
	Transporter 2 Name	Signature	2		Month	Day	Year	Time
+	17. Discrepancy					-3		11110
	17a. Discrepancy Indication !	Space of Our	antitus s. Tama T	-11 7 11				
			antity L Type D R	esidue oruii	Rejection			
	18 Material Employment C	avern Well Lo	ocation:					
	18. Material Emplacement C				-1	riale cover	ad by the mi	
STACIE	<ol><li>Designated Facility Owne</li></ol>	er or Operator:	Certification of rea	ceipt of benefici	ai reuse matei	Tais Cover	ed by the ma	mifest except
2	19. Designated Facility Owners noted in Item 17a.  Name			ceipt of benefici				
UCS FACILI	<ol> <li>Designated Facility Owners noted in Item 17a.</li> </ol>	Signature		ceipt of benefici	Month	Day	Year	Time
UCS FACE	<ol> <li>Designated Facility Owners noted in Item 17a.</li> </ol>			ceipt of benefici				



## BENEFICIAL REUSE MATERIAL INSPECTION REPORT

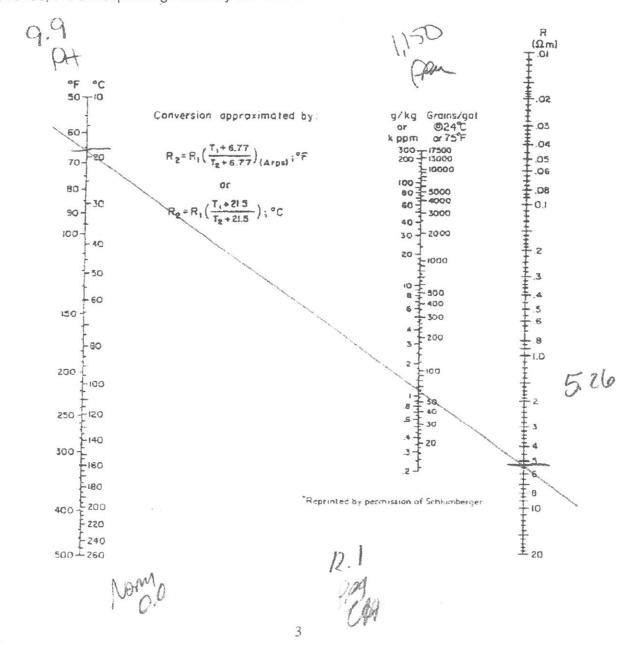
1. Date: 1/-1-18				
2. Time: 8.24Am				
3. Beneficial Reuse Material Name/	Description:	Cement Slurry		
4. Transporter:		Gressel Oilfield Ser	vices	
5. Name of driver:		Michael		
6. Source of beneficial reuse materia	l as stated by driv	ver: Rose Rose	ck 32.2	
7. Hauling Permit No.:		N/A		
8. Vehicle License No.:	Ва	DOT# 129702		
9. Vehicle Type:		tank		
10. Unauthorized material found in the	e beneficial reuse	material shipment?	Yes	No
11. If "Yes", was Rejected Beneficial	Reuse Material F	orm completed?	Yes	No
12. Photograph identification verfied?		(circle)	Yes	No
13. Identification type	Com	npany ID	Drivers License	(state)
14. Inspector's observations:	Liquid (sludge)	ned in truck. Used pro load - Had to be empl nost Lyons Salt loads.	laced immediately	. Not stored in
<ol> <li>The physical characteristics (i.e. comaterial stream conform to the Mar previous material shipments.</li> </ol>	lor, odor, etc.) of terial Emplaceme	the beneficial reuse ent Application and	Yes	No
16. If "No," was a Rejected Beneficial	Reuse Material F	orm completed?	Yes	No
17. BASED ON MY EXAMINAT BENEFICIAL REUSE MATERIA GENERATOR IN THE GENERAT	L MANIFEST N	UMBER 147-34/2	IS AS DESC	CCEPTED BY RIBED BY THE EET.
Signature of Site Inspector	or .	11-1-	18 Date	
Printed Name of Inspecto	r	2.8	4AM Time	

Truch

### RESISTIVITY NOMOGRAPH FOR NaCI SOLUTIONS\*

This nomograph is used to determine the quantity of sodium chloride (in combination with distilled water or some other salt free aqueous medium) that is necessary to produce a solution with the same resistivity as the test sample. The concentration levels for carbonate salts, calcium salts, hydroxyl salts, etc., can be found in conductance tables for aqueous solutions.

Use a straight edge to connect the values of the corresponding resistivity and temperature readings. The point where the straight edge touches the salinity scale indicates the concentration of sodium chloride. By aligning a given temperature and concentration of sodium chloride, the corresponding resistivity can also be found.



65.3

Post Office Box 438 Haysville, Kansas 67060 Phone: (316) 524-1225

Fax (316) 524-1027

Post Office Box 607 Phone: (620) 463-5161 Burrton, Kansas 67020

MESA QUALITY FOOLISED SPECIALTY CONSTRUCTION

(ansas 67020

1-2 20 18

Company PA BOX 52608 TULSA, OK 74152

Address PAWNEE (O. KANSAS

Nº 27456

Lease ROSE ROCK 32.2

MILE POST 32 PD#10-18-0581

Description of Work

DRIVE TO LOCATION, PICK UP LOAD OF CUTTINGS & MULLY, HAUT TO HUTCHINGON AT UCS, ITC.

#165/#245 UCS, LLC INVOICE # 1766 \$ \$578.90 91/2 hrs.

MIKE ROMO

DRIVER OR OPERATOR

	784378 Date // 2 /8
Seller/ Grassal Ostficial	Remarks
Address R.O. Bux 438	
City Hays Villt	75360 LS 04:21 pm 11/02/18
State 163 Zip 67060 - 0438	
Commodity Born Commodity	36600 LB 04:40 pm 11/02/18
Price	
Driver: On Off Shipper Weigher Weigher	



Underground Cavern Stabilization, LLC

PO Box 225 Great Bend, KS 67530

## RECEIVED

NOV 0 6 2018

## Invoice

Date	Invoice #
11/5/2018	1766

Bill To	
Gressel Oil Field Service, LLC	
PO Box 438	
Haysville, KS 67060	

Ship To	
BRM #147-1175	
Manifest #147-3441	

Manifest #147-3441	P.O. Numbe	er Terms	Rep	Ship	Via	F.O.B.		Project	
93.22 311 Cement Slurry Manifest #147-3441 8.00% Reno County Sales Tax  5.75 536.02 8.00% 42.88		Net 15	;	11/2/2018					
Manifest #147-3441 8.00% Reno County Sales Tax 8.00% 42.88	Quantity	Item Code		Description			Each	Amount	
			Manifest #	urry 147-3441	Tax		5.75	536.027	

## 2018 Beneficial Reuse Material Log UCS - Mutchinson Facility

			-		-														
	20102849	Telegraphos	-	Samuel	- Banks					2	NORM	Weight	Weight					Vehirle	9
Date	Sec. Sec.	Committee	1	Wanter	AND .	Malerai	BRM Agrees	_	Volume Emplacement	Macement R4	Reading Volum	un and	170	Volume	Volump Huld Densit	S.II.V	Chlorides		
	7	A. Redining	THE PERSON NAMED IN	I SUNTER	Approvate	Description	w/Pagerwork	Tickot M	(Jone) to	ocation Ira	andom) (70)	(14)	(l0s)	(\$kk)	Bdd sqi		Mdd	pH Semi Dump Semi Ta	Semi Tank
		-	-		-					-	-	-							
11/2/2018	147 Gressel Oil	Gressei Diff M	Aichael	147-3441	147-1175	Cement slurry	YES	784378	19 38	SW 13	0 13	0 18 75350	16600	93 22	26750	0.0	╁		
							-			1	-		-	-	20100	6.5	1,500	- 16	×

Seller/ Grassel Oilfield
Address P.O. Bux 438
City 40-10 V.117
State 100 zip 67060 - 0438
StoreSell
Commodity Borns Count Svery
Price
Driver: On A goff
Shipper /// Xg14

784378 Date 11-2-18

Remarks\_

75360 LB 04:21 PM 11/02/18

36600 LB 04140 PM 11/02/18

## BENEFICIAL REUSE MATERIALS MANIFEST-PROCESS KNOWLEDGE

icasc p	The same of the sa								
1	Generator/Operator     UCS ID Number:	2. Page 1	3. Emerge	ncy	4. Man	ifest Tracking	5	LICS BRM	Approval Numb
	OCS ID Number:	of	Response	Phone #:	Numbe	r:		OCS DIGIN	Approvat Numb
1	141				147	-3441		147-11	75
	6. Generator/Operator Na	me and Mailin	g Address:		Generator/C	perator Site A	ddress (i	different that	n mailing gulderan
	Kose Rock Midst	ream LY			Generator/Operator Site Address (if different than mailing address)				
	Tuisa Dr. 741	340			Rose Rack 3200				
	/. Generator/Operator Sou	rce Location:	Legal						
	Seco Bit Two 3	E. R. Ju E		sixo	Ciciciatoi/C	perator Sourc Longi	e Locatio	n: Longitud	
	feet from No	orth/Sou	th line of se	ction	Generator/C	perator Source	e Locatio	n. Physical	Latitude
		East/W	est line of se	ection			- 200410	in Thysical	Address:
11		nty, Kansas							
GENERATOR/OPERATOR	8. Transporter 1 Company					UCS ID	Number		
A.T.	Oversel ?	Sil ·							
EK	9. Transporter 2 Company	Name'				UCS ID 1	Number:		
5									
5 1	0. Designated Facility Na	me and Site A	ddress:	Under	ground Caver	n Stabilization	IIC		
3				7513 5	South K14 Hv	vy	, LLC		
E	Facility's Phone Number	- 670 467 62	r 19	South	Hutchinson, 1	KS 67505			
i IT	BRM Description (as not	ted on the Ea	150	11 0					
	- and officers (and life)	ica on the Po	1111 130)	No.		12. Tota	l Quantity	y 13.1	Unit Wt/Vol.
	1. Co. 1 st			INU.	Туре				
11-	Corners Su								
11-									
	3.							- 1	
			1						
1	4								
14 ren	4. GENERATOR/OPERATOR (	CERTIFICATION	V: Under givil a	and criminal	penalties of law	for the making or	submission	of false or frau	Idulent otatamanta
i and	4. GENERATOR/OPERATOR (presentations (18 U.S.C. 1001; 42 d complete. As to the identified	cartinal of al.	1		TON BELOW HELDER	communed in or a	ccompanyir	19 this documer	of is true acres on the
sup	d complete. As to the identified : pervisory responsibility for the pa	section(s) of this errons who, acting	document for w		TON BELOW HELDER	communed in or a	ccompanyir	19 this documer	of is true acres on the
Sup	4. GENERATOR/OPERATOR (presentations (18 U.S.C. 1001; 42 d complete. As to the identified pervisory responsibility for the presentator/Operator Name	cartinal of al.	document for w		TON BELOW HELDER	communed in or a	ccompanyir	19 this documer	of is true acres on the
Ge //	d complete. As to the identified pervisory responsibility for the puenerator/Operator Name	section(s) of this ersons who, acting	document for w	which I cannot instruction	TON BELOW HELDER	ify truth and accuration that this	acy, I certifinformation	y as a company is true, accurat	of is true acres on the
Ge //	d complete. As to the identified pervisory responsibility for the prenerator/Operator Name  Transporter's Acknowled	Signature  Signature  Signature  Signature  Signature  Signature	document for we gunder my dire	which I cannot instruction	TON BELOW HELDER	ify truth and accuration that this	acy, I certifinformation	y as a company is true, accurat	of is true acres on the
Ge //	d complete. As to the identified pervisory responsibility for the puenerator/Operator Name	section(s) of this ersons who, acting	document for we gunder my dire	which I cannot instruction	TON BELOW HELDER	ify truth and accuration that this	acy, I certifinformation	y as a company is true, accurat	nt is true, accurate, y official having te, and complete
Ge //	d complete. As to the identified pervisory responsibility for the prenerator/Operator Name  Transporter's Acknowled	Signature  Signature  Signature  Signature  Signature  Signature	document for we gunder my dire	which I cannot instruction	TON BELOW HELDER	ification that this  Month	acy, I certifinformation  Day	y as a company is true, accurat	nt is true, accurate, y official having le, and complete.  Time
Sup Ge	d complete. As to the identified pervisory responsibility for the prenerator/Operator Name  Transporter's Acknowled	Signature  Signature  Signature  Signature  Signature  Signature	document for we gunder my direction of Mate	which I cannot instruction	TON BELOW HELDER	afy truth and acra ification that this Month	Day	y as a company is true, accurate Year  Year	nt is true, accurate, y official having te, and complete
Sup Ge	d complete. As to the identified pervisory responsibility for the prenerator/Operator Name  Transporter's Acknowled ansporter I Name  I Clust A Lawr	Signature Signature Signature Signature	document for we gunder my direction of Mate	which I cannot instruction	TON BELOW HELDER	ification that this  Month	acy, I certifinformation  Day	y as a company is true, accurat	nt is true, accurate, y official having le, and complete.  Time
Ge // 15 Tra	Transporter 1 Name    Clust   Xarothe identified pervisory responsibility for the preparator/Operator Name   Transporter's Acknowled ansporter 1 Name   Clust   Xarothe   Xaroth	Signatur  Signatur  Signatur	document for we gunder my dire	which I cannot instruction	ot personally ver ons, made the ver	afy truth and acra ification that this  Month  Month  Month	Day  Day	y as a company is true, accurate Year  Year  Year	Time  Time
Ge //	ansporter 2 Name  TRANSPORTER'S CERTIFIC have not been tampered with in-	Signatur  Signatur  ATION: Thereby	document for we gunder my direction of Material was a superior of Material	which I cannot instruction of the contents of	of this consignment	afy truth and acra ification that this  Month  Month  Month	Day Day	year  Year  Year  Year	Time  Time
Ge // I5 Tre	ansporter 2 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter.	Signatur  Signatur  Signatur  ATION: Thereby  any way, nor have	e y declare that the	which I cannot instruction of the contents of	of this consignment	afy truth and acra ification that this  Month  Month  Month	Day Day	year  Year  Year  Year	Time  Time
Ge // 15 Tra	Transporter 1 Name    Clust   Xarothe identified pervisory responsibility for the preparator/Operator Name   Transporter's Acknowled ansporter 1 Name   Clust   Xarothe   Xaroth	Signatur  Signatur  Signatur  Signatur  ATION: I hereby  any way, nor have d by the most distacement Permit	e declare that it	which I cannot instruction of the contents of	of this consignment	Month  Month  Month  Month  Month  In the been deligned to the control of the con	Day Day Day Day Day Day Cered as pre- by additions	year  Year	Time  Time  Time  Time  Time  Time  Time  Time  Time
Tra	Transporter's Acknowled ansporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter 1 Name  Transporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporters of the attached Materials Employees ansporter 1 Name  Transporter 1 Name  Transporter 1 Name  Transporter 1 Name  Transporter 1 Name	Signatur  Signatur  Signatur  ATION: Thereby  any way, nor have	e declare that it	which I cannot instruction of the contents of	of this consignment	afy truth and acra ification that this  Month  Month  Month	Day Day Day Day Day Day Day	year  Year  Year  Year	Time  Time  Time  Time  Time  Time  Time  Time  Time
Tra	ansporter 2 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporters of the attached Materials Empires	Signatur  Signatur  Signatur  Signatur  ATION: I hereby  any way, nor have d by the most distacement Permit	document for we gunder my direct of Mater e e e e e e e e e e e e e e e e e e	which I cannot instruction of the contents of	of this consignment	Month  Month  Month  Month  Month  In the been deligned to the control of the con	Day Day Day Day Day Day Day	year	Time  Time  Time  Time  Time  Time  Time  Time
Georgia Georgi	Transporter's Acknowled ansporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter 1 Name  Transporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transportens of the attached Materials Employee ansporter 1 Name  Transporter 1 Name  Transporter 2 Name	Signatur  ATION: I hereby any way, nor have do by the most disaction of the company way.	document for we gunder my direct of Mater e e e e e e e e e e e e e e e e e e	which I cannot instruction of the contents of	of this consignment	Month	Day Day Day Day Day Day Day	year  Year	Time  Time
Tra  16. and this term  Tra  17.	Transporter's Acknowled ansporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter 1 Name  Transporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporters of the attached Materials Employed ansporter 2 Name  Discrepancy	Signature  ATION: I hereby any way, nor have do by the most disaccement Permit Assignature  Signature  Signature  Signature	document for we gunder my direct of Mater e was a compared to the compared to	which I cannot instruction of the contents of	of personally very one, made the very one, made the very of this consignment of this consignment road condition.	Month	Day Day Day Day Day Day Day	year	Time  Time  Time  Time  Time  Time  Time  Time
Tra  16. and this term  Tra  17.	Transporter's Acknowled ansporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter 1 Name  Transporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transportens of the attached Materials Employee ansporter 1 Name  Transporter 1 Name  Transporter 2 Name	Signature  ATION: I hereby any way, nor have do by the most disaccement Permit Assignature  Signature  Signature  Signature	document for we gunder my direct of Mater e was a compared to the compared to	which I cannot instruction of the contents of	of this consignment	Month	Day Day Day Day Day Day Day	year	Time  Time  Time  Time  Time  Time  Time  Time
Tra  16. and this term  Tra  17. 17a.  18.	Transporter's Acknowled ansporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter 1 Name  Transporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporters of the attached Materials Employee to Discrepancy  Discrepancy  Material Emplacement Certification S	Signature  ATION: I hereby any way, nor have able by the most discount of the signature of	document for we gunder my direction of Mater and Mater and Mater and Mater and Mater and Mater and Materials and M	thich I cannot instruction of the contents of	of personally very one, made the very one, made the very one, made the very one of this consignment of this consignment of this consignment of the condition.	Month	Day Day Day Day Day Day Day Day Day	year  Year  Year  Year  Year  Year  Year  Year  Year	Time  Time  Time  Time  Time  Time  Time  Time  Time
Tra  16. and this term  Tra  17. 17a.  18.	Transporter's Acknowled ansporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter 1 Name  Transporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporters of the attached Materials Employee to Discrepancy  Discrepancy  Material Emplacement Certification S	Signature  ATION: I hereby any way, nor have able by the most discount of the signature of	document for we gunder my direction of Mater and Mater and Mater and Mater and Mater and Mater and Materials and M	thich I cannot instruction of the contents of	of personally very one, made the very one, made the very one, made the very one of this consignment of this consignment of this consignment of the condition.	Month	Day Day Day Day Day Day Day Day Day	year  Year  Year  Year  Year  Year  Year  Year  Year	Time  Time  Time  Time  Time  Time  Time  Time  Time
Tra  16. and this term Tra  17. 17a.  18. 19. 1as n.	Transporter's Acknowled ansporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter ansporter 1 Name  Discrepancy  Discrepancy  Discrepancy  Material Emplacement Ca  Designated Facility Owner toted in Item 17a.	Signature  ATION: I hereby any way, nor have do by the most directment Permit Signature  Signature  ATION: Signature  ATION: I hereby any way, nor have do by the most directment Permit Signature  Signature  Dipace   Qua	document for we gunder my direction of Mater and Mater and Mater and Mater and Mater and Mater and Materials and M	thich I cannot instruction of the contents of	of personally very one, made the very one, made the very one, made the very one of this consignment of this consignment of this consignment of the condition.	Month	Day Day Day Day Day Day Day Day Day	year  Year  Year  Year  Year  Year  Year  Year  Year	Time  Time  Time  Time  Time  Time  Time  Time  Time
Tra  16. and this term  Tra  17. 17a.  18.	Transporter's Acknowled ansporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter 1 Name  TRANSPORTER'S CERTIFIC have not been tampered with in a consignment has been transporter ansporter 1 Name  Discrepancy  Discrepancy  Discrepancy  Material Emplacement Ca  Designated Facility Owner toted in Item 17a.	Signature  ATION: I hereby any way, nor have able by the most discount of the signature of	document for we gunder my direction of Mater and Mater and Mater and Mater and Mater and Mater and Materials and M	thich I cannot instruction of the contents of	of personally very one, made the very one, made the very one, made the very one of this consignment of this consignment of this consignment of the condition.	Month	Day Day Day Day Day Day Day Day Day	year  Year  Year  Year  Year  Year  Year  Year  Year	Time  Time  Time  Time  Time  Time  Time  Time  Time



## BENEFICIAL REUSE MATERIAL INSPECTION REPORT

1. Date: 11-2-18				
2. Time: 4:21 PM				
3. Beneficial Reuse Material Name/Description:	Cement	Slurry		
4. Transporter:	Gressel	Oilfield Ser	vices	
5. Name of driver:	M	rke		
6. Source of beneficial reuse material as stated by	driver:	Rose Ro	ck 322 37.8	
7. Hauling Permit No.:	N/A			
8. Vehicle License No.:	Ba DOT#	129702		
9. Vehicle Type:	Sen	y Ta	inter	
10. Unauthorized material found in the beneficial re-	euse material s		Yes	No
11. If "Yes", was Rejected Beneficial Reuse Materia			Yes	No
12. Photograph identification verfied?	•	(circle)	Yes	No
13. Identification type	Company ID	,	Drivers License	
Liquid (slud	ntained in truc ge) load - Had ke most Lyons	to be empl	ocess knowledge.	
<ol> <li>The physical characteristics (i.e. color, odor, etc. material stream conform to the Material Emplace previous material shipments.</li> </ol>	) of the benefi	icial reuse	Yes	No
16. If "No," was a Rejected Beneficial Reuse Materia	al Form comp	leted?	Yes	No
17. BASED ON MY EXAMINATION, THE BENEFICIAL REUSE MATERIAL MANIFEST GENERATOR IN THE GENERATOR BENEFIC	BENEFICIAL	REUSE	MATERIAL A	CCEPTED BY
Signature of Site Inspector			-2-18 Date	
Stove Pandu  Printed Name of Inspector		4:	21 PM	

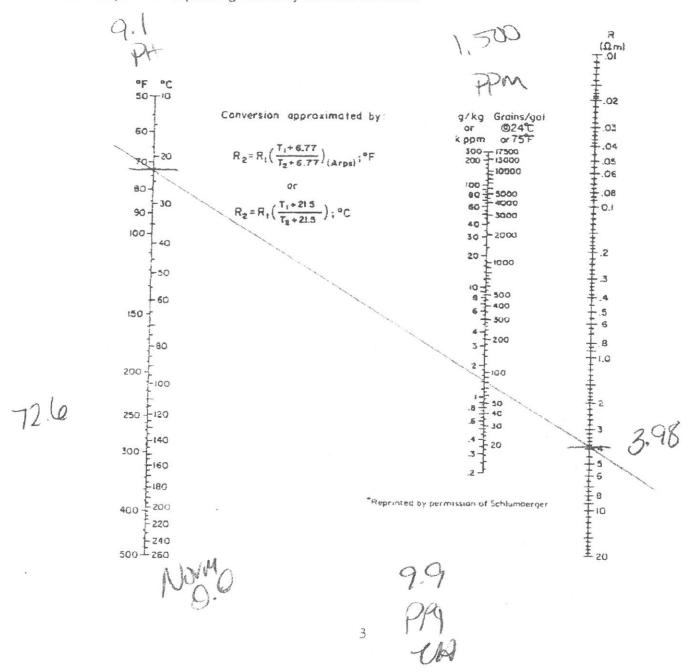
14-18

Trech

### RESISTIVITY NOMOGRAPH FOR NaCI SOLUTIONS\*

This nomograph is used to determine the quantity of sodium chloride (in combination with distilled water or some other salt free aqueous medium) that is necessary to produce a solution with the same resistivity as the test sample. The concentration levels for carbonate salts, calcium salts, hydroxyl salts, etc., can be found in conductance tables for aqueous solutions.

Use a straight edge to connect the values of the corresponding resistivity and temperature readings. The point where the straight edge touches the salinity scale indicates the concentration of sodium chloride. By aligning a given temperature and concentration of sodium chloride, the corresponding resistivity can also be found.



Post Office Box 438 Haysville, Kansas 67060 Phone: (316) 524-1225

Post Office Box 607 Phone: (620) 463-5161 Burrton, Kansas 67020

MESA QUALITY FOCUSED SPECIALLY CONSTRUCTION 0 BOX 52608 Fax (316) 524-1027

Company JULSA, OK 74152

Address PAWNEE OD. KANSAS

Lease KOSE ROCK 32.2

MILE POST 32

PO"10-18-0581

Description of Work

DRIVE TO LOCATION PICKUP LOAD OF CUTTINGS AND MUD.

#165/#245

BRING BACK TO GT. BEHD

5hrs,

DRIVER OR OPERATOR

Post Office Box 438 Haysville, Kansas 67060 Phone: (316) 524-1225

Post Office Box 607 Phone: (620) 463-5161 Burrton, Kansas 67020

QUALITY FOCUSED Fax (316) 524-1027

SPECIALTY CONSTRUCTION PO BOX 52608 TULSA, OK 74152

Address PAWNEE CO. KANSAS Company\_

PO#10-18-0581

Nº 27458

MILE HIST 32

Lease

ROSE KOCK 32.2

Description of Work

LAKE LOAD OF OUTLINGS AND MUD TO LOS, LLC AF #JOHNSON. UCS, LLC INVOICE #1768

#305.67

Mille Romo #165/#115

DRIVER OR OPERATOR

	784381 Date 11-6-18
Seller Grebel Oitheld	Remarks
Address Po Box 438	
city Hupoille	
State #S Zip 67000-0438	63820 LB 09:56 am 11/06/18
Store Sell	
Price	36360 LB 10:32 am 11/06/18
Driver: On Off Shipper Mild Horus	
Weigher	



## Underground Cavern Stabilization, LLC

PO Box 225 Great Bend, KS 67530

## Invoice

Date	Invoice #
11/7/2018	1768

Bill To	
Gressel Oil Field Service, LLC PO Box 438	
Haysville, KS 67060	

Ship To	
BRM #147-1175	
Manifest #147-3444	

Quantity Item Code Description  53.16 311 Cement Slurry Manifest #147-3444 Tax Exempt Sales Tax	Price Each 5.7 0.00%	75 305.67
53.16 311 Cement Slurry Manifest #147-3444	5.	75 305.67
Manifest #147-3444		75 305.67

## 2018 Beneficial Reuse Material Log UCS - Hutchinson Facility

e Cle	×	
Vehicle	6	
hipridet Pote	1,500 9.9	
8	-	
Tud Density	11.3	
Volume	27460	
Volume	35360 53.16	
Weight Out Next		
Weight sn (lbs)	13.73 63820	
Volume (Tent)	13.73	
Reading (random	0	
Emplacemen	SW:13	
Volume (Tons)	13 73	
Scale Teters	784381	
BRM Agrees w/Paperwork	EŽ.	
Material	Cement slurry	
BRM Aportovi a	47-1175	
Manifest Tracking #	147-3444	
Driver	Michael	
Transpo	Gressel OH	
Generator 10 # Karve	Stressel Oil	
Date	11/6/2018	

Seller/Gressel Oitheld
Address Po Box 438
city Augustle
State 145 zip 167060-0438
Store Sell
Commodity Church Shing
Price
Driver: On Off Off Roluc

1381	4	8	7
------	---	---	---

Date 11-6-18

Remarks \_\_\_\_\_

83820 LB 09:56 am 11/06/18

78360 LB 10:32 am 11/06/18

## BENEFICIAL REUSE MATERIALS MANIFEST-PROCESS KNOWLEDGE

lease print or type									
Generator/Operator     UCS ID Number:	2. Page 1 of			4. Manifest Tr	racking	5.	UCS BRI	M Approva	al Number
147	amber: of Response Phone #:		C #:	Number:					
1 1	Name and Mailin	- A 3 A		147-3	444	1	47,	1175	
6. Generator/Operator Name and Mailing Address:  Kose Rock Midstream LP  is 20 5 Years Ave #700			1	erator/Operato	35	· X	different	han mailing	address)
7. Generator/Operator Source Location: Legal				Rose Rain 3					
Secso & Two See R. No Fast West &				Generator/Operator Source Location: Longitude & Latitude Longitude Latitude					
feet from North/ South line of section				erator/Operato	or Source	Locatio	n: Physic	Lat	itude
Pourse (	County, Kansas	est line of section					111/510	A Address	٠.
8. Transporter 1 Comp	any Name			L	JCS ID 1	Viimher-			
Gressel	Oil -			~	OD ID	vanioei.			
9. Transporter 2 Comp	any Name"			U	ICS ID N	Jumber:			
9. Transporter 2 Comp  10. Designated Facility  Facility's Phone Num  BRM Description (see						·cmoor.			
10. Designated Facility	Name and Site A	ddress: 1	ndergroup	nd Cavern Stab	ili				
			13 South	KI4 Hwy	HIZATION	i, LLC			
Facility's Phone Num	-h (20 rss co	Ö	outh Hutch	hinson, KS 67	505				
Facility's Phone Num BRM Description (as	noted on the E								
a soci ipuon (as	noted on the Po	A PROPERTY AND A PROP	Container	and the same of th	12. Tota	l Quantit	y I	3. Unit Wi	./Vol.
1. 0. 1	+	No.	1	уре					
	Jury								
1. Corners 5	7								
2.				1					
2.									
3.			-						
3.  14. GENERATOR/OPERAT	OR CERTIFICATION	N: Under civil and cr	mina) nepalt	ties of lan for the					
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identifications)	frad carriantes . Pa.		3	Properties of the Party of the	KGU MI DI M	ພວດຫາກສກນາ	no this down	PRIMARY DE PERSON	
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identifications)	frad carriantes . Pa.		3	Properties of the Party of the	KGU MI DI M	ພວດຫາກສກນາ	no this down	PRIMARY DE PERSON	managed -
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Nap	the persons who, acting the persons who, acting the Signature	document for which g under my direct in	3	conally verify truth ade the verification	KGU MI DI M	ພວດຫາກສກນາ	no this down	ment is true, pany official atrate, and co	managed -
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Nam	the persons who, acting the persons who, acting the Signature	document for which g under my direct in	cannot pers	conally verify truth ade the verification	and aceus that this	racy, I certi information	ng this docu fy as a comp n is true, acc	ment is true, pany official atrate, and co	
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Nam 15. Transporter's Ackno	ified section(s) of this the persons who, acting ac Signature Signature wiledgment of Rec	document for which g under my direct in	cannot pers	conally verify truth ade the verification	n and aceus n that this Month	racy, I certi information	ng this docu fy as a comp n is true, acc	ment is true, pany official atrate, and co	managed -
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identisupervisory responsibility for Generator/Operator Nam	the persons who, acting the persons who, acting the Signature	document for which g under my direct in	cannot pers	conally verify truth ade the verification	and aceus that this	racy, I certi information	ng this docu fy as a comp n is true, acc	ment is true, pany official arrate, and eq	accurate, having mplete.
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Nam  15. Transporter's Ackno  Transporter 1 Name	died section(s) of this the persons who, acting ac Signature wild be signatured by the signature of Reconstruction of Re	document for which g under my direct int	cannot pers	conally verify truth ade the verification	n and aceus n that this Month	Day	fy as a commission, acc	pany official arrate, and en	accurate, having mplete.
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As the identi supervisory responsibility for Generator/Operator Nam 15. Transporter's Acknot Transporter 1 Name  Transporter 2 Name	ified section(s) of this the persons who, acting ac Signature Signature wiledgment of Rec	document for which g under my direct int	cannot pers	conally verify truth ade the verification	n and aceus n that this Month	Day	fy as a commission of the comm	pany official arrate, and en	accurate, having implete.
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As the identi supervisory responsibility for Generator/Operator Nam 15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT	died section(s) of this the persons who, acting ac Signature Signa	document for which g under my direct in the country of Materials	cannot pers tructions, m	conally verify truth ade the verification	mand accept that this Month  Month  Month	Day Day	year  Year  Year  Year	ment is true, pany official surate, and co	me
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Name 15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tumpered using the contraction of the contraction o	ified section(s) of this the persons who, acting ac Signature Sign	document for which g under my direct in the court of Materials re	cannot pers tructions, m	consignment have	and accument that this Month  Month  Month	Day Day	year  Year  Year	ment is true, pany official aurale, and eq	accurate, having implete.
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Name  15. Transporter's Ackno Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tempered withis consignment has been transporter to the co	signatur  FIFICATION: I hereb th in any way, nor have	document for which g under my direct into	cannot pers tructions, m	consignment have	and accument that this Month  Month  Month	Day Day	year  Year  Year	ment is true, pany official aurale, and eq	accurate, having implete.
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for the department of the supervisory responsibility for the supervisory of the su	signatur	document for which g under my direct in the country of Materials the country declare that the country declare that the country declare that the country declare that the country possible by Application.	cannot pers tructions, m	consignment have stody unless other conditions. I cont	and accument that this Month  Month  Month  Month  be been delives the thirty that the	Day Day Day Day Day cred as prid by addition	year  Year  Year	Tin  Tin  Tin  Tin  Tin  generator  ter signature,  generator  ter signature,  generator  ter signature,	mplete.
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Name 15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered withis consignment has been transforms of the attached Materials Transporter 1 Name	signatur  FIFICATION: I hereb th in any way, nor have	document for which g under my direct in the country of Materials the country declare that the country declare that the country declare that the country declare that the country possible by Application.	cannot pers tructions, m	consignment have stody unless other conditions. I cont	and accument that this Month  Month  Month	Day Day	year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Ter Generator  ter signature, gament confit	accurate, having implete.
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for the department of the supervisory responsibility for the supervisory of the su	signatur	document for which gunder my direct in the coupt of Materials been took materials been took mute possible by Application.	cannot pers tructions, m	consignment have stody unless other conditions. I cont	m and accument that this Month  Month  Month  Month  be been delivise noted tify that the Month	Day Day Day Day Day Day	Year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Tin	me  Operator and that own to the
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Name 15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered withis consignment has been transforms of the attached Materials Transporter 1 Name  Transporter 1 Name  Transporter 2 Name	rified section(s) of this the persons who, acting a	document for which gunder my direct in the coupt of Materials been took materials been took mute possible by Application.	cannot pers tructions, m	consignment have stody unless other conditions. I cont	and accument that this Month  Month  Month  Month  be been delives the thirty that the	Day Day Day Day Day cred as prid by addition	year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Ter Generator  ter signature, gament confit	me  Operator and that own to the
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Name 15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered withis consignment has been transforms of the attached Materials Transporter 1 Name  17. Discrepancy	rifed section(s) of this the persons who, acting ac	document for which gunder my direct into	teens of this put of my current road	consignment have stody unless other	and accuse a hard a har	Day Day Day Day Day Day	Year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Tin	me  Operator and that own to the
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identisupervisory responsibility for Generator/Operator Name 15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered withis consignment has been transforms of the attached Materials Transporter 1 Name  17. Discrepancy  17a. Discrepancy Indications 17a. Discrepancy Indicatio	signature  FIFICATION: I herebyth in any way, nor have proteed by the most direction on Space Quarters  On Space Quarters	document for which gunder my direct in the control of Materials being the materials been to the materials been	teens of this put of my current road	consignment have stody unless other	and accuse a hard a har	Day Day Day Day Day Day	Year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Tin	me  Operator and that own to the
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identical supervisory responsibility for Generator/Operator Name  15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered withis consignment has been transterms of the attached Materials Transporter 2 Name  17. Discrepancy  17a. Discrepancy Indications Materials Emplacement 19. Material 19. Materi	Signature  FIFICATION: I herebyth in any way, nor have been been been been been been been be	document for which gunder my direct in the control of Materials been the materials been to the materials been	tens of this part of my current road	consignment have stody unless other	mand accument of a mand accument	Day Day Day Day Day Day Day	Year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Tin	me  Operator and that own to the
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identisupervisory responsibility for Generator/Operator Name  15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered withis consignment has been transterms of the attached Materials Transporter 2 Name  17. Discrepancy  17a. Discrepancy Indications Materials Emplacement 19. Material Emplacement 19. Ma	Signature  FIFICATION: I herebyth in any way, nor have been been been been been been been be	document for which gunder my direct in the control of Materials being the materials been to the materials been	tens of this part of my current road	consignment have stody unless other	mand accument of a mand accument	Day Day Day Day Day Day Day	Year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Tin	me  Operator and that own to the
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Name  15. Transporter's Ackno Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered with this consignment has been transforms of the attached Materials Transporter 1 Name  17. Discrepancy 17a. Discrepancy Indication  18. Material Emplacement 19. Designated Facility Oas noted in Item 17a.	signature  FIFICATION: I herebeth in any way, nor hadronent Permit.  Signature	document for which gunder my direct ing specific of Materials received the control of the contro	tens of this part of my current road	consignment have stody unless other	mand accument of a mand accument	Day Day Day Day Day Day Day	Year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Tin	me  Operator and that own to the
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identic supervisory responsibility for Generator/Operator Name  15. Transporter's Acknot Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered withis consignment has been transterms of the attached Materials Transporter 2 Name  17. Discrepancy  17a. Discrepancy Indications Materials Emplacement 18. Material Emplacement	Signature  FIFICATION: I herebyth in any way, nor have been been been been been been been be	document for which gunder my direct ing specific of Materials received the control of the contro	tents of this current road	consignment have stody unless other conditions. I cent	mand accument of a mand accument	Day Day Day Day Day Day Day Day Day	year	Tin  Tit  Tit  Tit  Tit  Tit  Tit  Tin  Tin	me  Operator and that brin to the
3.  14. GENERATOR/OPERAT representations (18 U.S.C. 100 and complete. As to the identi supervisory responsibility for Generator/Operator Name  15. Transporter's Ackno Transporter 1 Name  16. TRANSPORTER'S CERT and have not been tampered with this consignment has been transforms of the attached Materials Transporter 1 Name  17. Discrepancy 17a. Discrepancy Indication  18. Material Emplacement 19. Designated Facility Oas noted in Item 17a.	signature  FIFICATION: I herebeth in any way, nor hadronent Permit.  Signature	document for which gunder my direct ing specific of Materials received the control of the contro	tents of this current road	consignment have stody unless other conditions. I cent	mand accur and a	Day Day Day Day Day Day Day	Year	Tin  Tin  Tin  Tin  Tin  Tin  Tin  Tin	me  Operator and that arm to the



## BENEFICIAL REUSE MATERIAL INSPECTION REPORT

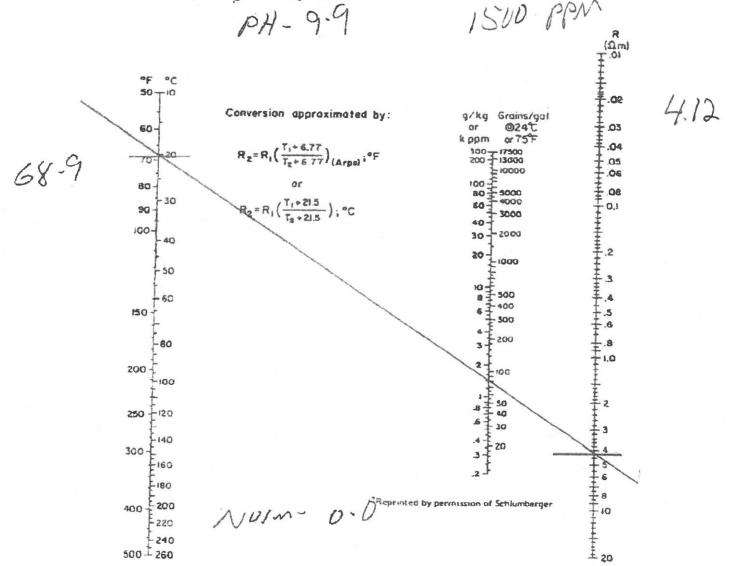
1. Date: 11-6-18					
2. Time: 9:56An					
3. Beneficial Reuse Material Name/	Description:	Cement S	lurry		
4. Transporter:		Gressel O	ilfield Ser	vices	
5. Name of driver:		Mid	rael		
6. Source of beneficial reuse materia	l as stated by driv	ver:	Rose Rose	ck 32.2	
7. Hauling Permit No.:		N/A			
8. Vehicle License No.:	Ba	DOT#	129702		
9. Vehicle Type:		Jan	k		
10. Unauthorized material found in the	e beneficial reuse	material sl	nipment?	Yes	No
11. If "Yes", was Rejected Beneficial	Reuse Material F	orm comple	eted?	Yes	No
12. Photograph identification verfied?			(circle)	Yes	No
13. Identification type	Com	ipany ID		Drivers License	
14. Inspector's observations:	Material contain Liquid (sludge) Clearspan like n	load - Had	to be empl	ocess knowledge. aced immediately	
<ol> <li>The physical characteristics (i.e. comaterial stream conform to the Mat previous material shipments.</li> </ol>	lor, odor, etc.) of terial Emplaceme	the benefic ant Applicat	cial reuse tion and	Yes	No
16. If "No," was a Rejected Beneficial	Reuse Material F	orm compl	eted?	Yes	No
17. BASED ON MY EXAMINATE BENEFICIAL REUSE MATERIAL GENERATOR IN THE GENERAL	ION, THE BEI	NEFICIAL	REUSE	MATERIAL A	ACCEPTED BY
Signature of Site Inspecto				0-18 Date	
Printed Name of Inspector			R.P	Time	

11-6-18 GIOLLI Truck

## **RESISTIVITY NOMOGRAPH FOR NaCI SOLUTIONS\***

This nomograph is used to determine the quantity of sodium chloride (in combination with distilled water or some other salt free aqueous medium) that is necessary to produce a solution with the same resistivity as the test sample. The concentration levels for carbonate salts, calcium salts, hydroxyl salts, etc., can be found in conductance tables for aqueous solutions.

Use a straight edge to connect the values of the corresponding resistivity and temperature readings. The point where the straight edge touches the salinity scale indicates the concentration of sodium chloride. By aligning a given temperature and concentration of sodium chloride, the corresponding resistivity can also be found.



12.3 PP 6