OCD-ARTESIA

RECEIVED

Form (160-6) 1 2012

UNITED STATES DEPARTMENT OF THE INTERIOR

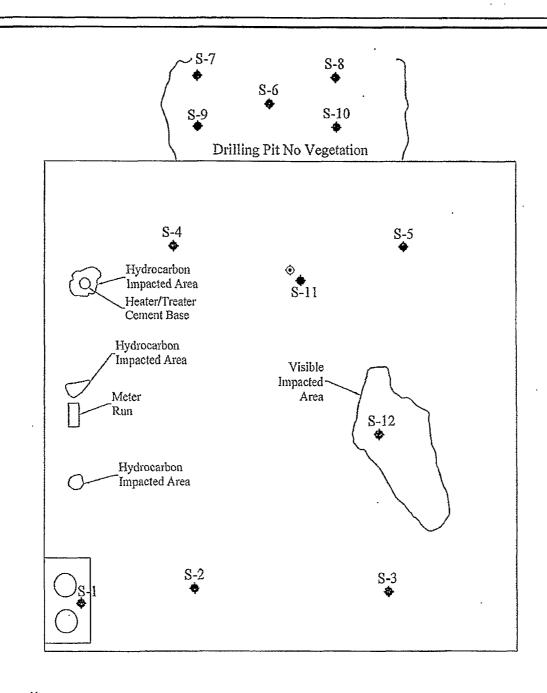
NMOCD ARTESIA PIREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

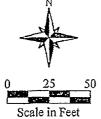
FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

	Expires: July 31, 2010	
5. Lease Serial No. LC 029393-C		
5. If Indiau, Allotto	e or Tribe Name	

Do not use this f abandoned well.	orm for proposals t Use Form 3160-3 (A	o drill or to re-enter an PD) for such proposal	s.	
SUBMIT	IN TRIPLICATE - Olher	7. If Unit of CA/Ag	reement, Name and/or No.	
1. Type of Well			NMNM84597	
Oil Well Gas W			8. Well Name and N North Shugart Fed	ło. Jeral #1
2. Name of Operator CIMAREX ENERGY CO, OF COLO	RADO		9. API Well No. 30-015-26374	
3a, Address		3b. Phone No. (include area co	de) 10. Field and Pool o	or Exploratory Area
600 N. Marienfeld St Suite 600, Midland, TX 797	01	432-571-7800	North Shugart (Mo	orrow)
4. Location of Well (Footage, Sec., T., 1980' FNL & 760' FEL, Unit H, Section 17, T18S	, ,		II. Country or Paris	sh, State
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE NATUR	e of notice, report or ot	HER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
duoscipiem report	Change Plans	Plug and Abandon	Temporarily Abandon	
Final Abandonment Notice	Convert to Injection	. Plug Back	Water Disposal	
Attach the Bond under which the w	ork will be performed or pro ed operations. If the operation Abandonment Notices must i	ovide the Bond No. on file with I on results in a multiple complete	BLM/BIA. Required subsequent on or recompletion in a new inter	s of all perfinent markers and zones. reports must be filed within 30 days val, a Form 3160-4 must be filed once zen completed and the operator has
1. Cimarex Energy has contracted 1	Falon/LPE to do reclamation	on of the location and closed o	drilling plt at the North Shugar	t Federal #1 a P&A location.
2. On 2/14/2012 Talon/LPE mobilize collected from the surface of the local The soil samples were sent to Cardi	d personnel to the site to ation and the closed drillin nal Laboratories for analy:	carry out soil sampling activiti g pit. On 3/1/2012 additional sis of total Chlorides via Meth	es for the construction of a wo samples were collect from the od SM4500Cl-B. The results fo	rk plan. Grab soll samples were location at deeper depths. or the soil samples are attached.
3. The visibly impacted soil from this waste disposal facility.				
4. The surface of the closed drilling reserve pit area. A composite 20 mil liner will be keyed a minimum of 3-fe	pit area will be bladed to p dimeter liner measuring 15 set deep into a trench exca	prepare for the installation of a 0-feet long by 150-feet wide v avaled at the boundaries of th	a liner. Rock and debris will be will be installed over the close e closed drilling pit area.	deep buried into the drilling d drilling plt area. The edges of the
5. The caliche from the location will and windrows will be installed. A 1-t	be removed, placed on the loot berm will be constucted	e liner or used as road closure ed up gradient of the location	berms. The location will then to divert run off waters for ero	be cut, ripped, cross-ripped sion control.
5. A minimum of 2-foot of soil will be surrounding terrain and will be seed * See Recar 5909 for 14. I hereby certify that the foregoing is to	ration OA	jective,	pit area. The soil lift will be co rea. Voxify Vin Lart	ntoured to match the Amus@ 575-234
James Tinney	to and concer. Tombe (171me	Title Pro	dection Love	mar
Signature Gennes /	luing_	Date 4	19/12	
	THIS SPACE	FOR FEDERAL OR ST	ATE OFFICE USE	
	itle to those rights in the subject thereon. U.S.C. Section 1212, make it a	s not warrant or certify of lease which would Office a crime for any person knowingly a		Date 4-28-12
hetitious or fraudulent statements Or repre	sentations as to any matter wi	thin its jurisdiction,		

(Instructions on page 2)





Legend

- Sample Location
- Plugged & Abandoned Well

TALON

Date: 03/23/2012

Scale: 1" = 50'

Drawn By: TJS

North Shugart Federal No. 1

Cimarex Energy Artesia, New Mexico Figure 1 - Site Plan



March 06, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: NORTH SHUGART FEDERAL NO. 1

Enclosed are the results of analyses for samples received by the laboratory on 03/01/12 15:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.tcea.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.

Celey & Keene

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. Keene

Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

03/01/2012

Sampling Date:

03/01/2012

Reported:

Chloride, SM4500Cl-B

03/06/2012

Sampling Type:

Soil

Project Name:

NORTH SHUGART FEDERAL NO. 1

Sampling Condition:

** (See Notes)

Project Number:

701162.012.01

Sample Received By:

Jodi Henson

Project Location:

SEC.17.T18S.R31E

mg/kg

Sample ID: S-6 2' CENTER DRILLING PIT (H200552-01)

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
2760	16.0	03/02/2012	ND	432	108	400	0.00	
52-02)								
mg,	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
5500	16.0	03/02/2012	ND	432	108	400	0.00	
-	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
9300	16.0	03/02/2012	ND	432	108	400	0.00	
52-04)								
mg	/kg	Analyze	d By: HM					
			-					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	Result 2760 52-02) mg, Result 5500 52-03) mg, Result 9300	2760 16.0 52-02) mg/kg Result Reporting Limit 5500 16.0 52-03) mg/kg Result Reporting Limit 9300 16.0	Result Reporting Limit Analyzed 2760 16.0 03/02/2012 52-02) mg/kg Analyze Result Reporting Limit Analyzed 5500 16.0 03/02/2012 52-03) mg/kg Analyze Result Reporting Limit Analyzed 9300 16.0 03/02/2012 52-04)	Result Reporting Limit Analyzed Method Blank 2760 16.0 03/02/2012 ND 52-02) mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank 5500 16.0 03/02/2012 ND 52-03) mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank 9300 16.0 03/02/2012 ND 52-04)	Result Reporting Limit Analyzed Method Blank BS 2760 16.0 03/02/2012 ND 432 52-02) mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS 55-03) mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS 9300 16.0 03/02/2012 ND 432 452-04)	Result Reporting Limit Analyzed Method Blank BS % Recovery 2760 16.0 03/02/2012 ND 432 108 52-02) mg/kg Analyzed By: HM Result Reporting Limit Analyzed By: HM 52-03) mg/kg Analyzed By: HM Result Reporting Limit Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery 9300 16.0 03/02/2012 ND 432 108	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 2760 16.0 03/02/2012 ND 432 108 400 52-02) mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 52-03) mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 9300 16.0 03/02/2012 ND 432 108 400	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 2760 16.0 03/02/2012 ND 432 108 400 0.00 52-02) mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 52-03) mg/kg Analyzed By: HM Result Reporting Limit Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 9300 16.0 03/02/2012 ND 432 108 400 0.00 452-04)

Analyzed By: HM

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any client any other based in contract or tort, shall be limited to the amount pair by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed valved 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, affiliates or successors anising 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 Laboratones

Celeg & Keine Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD

408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received:

03/01/2012

Sampling Date:

03/01/2012

Reported:

03/06/2012

Sampling Type:

NORTH SHUGART FEDERAL NO. 1

Sampling Condition:

** (See Notes)

Project Name: Project Number:

701162,012,01

Sample Received By:

Jodi Henson

Project Location:

SEC.17.T18S.R31E

Sample ID: S-6 10' (H200552-05)

C RPD	Qualifier
0.00	
0.00	
QC RPD	Qualifier
0.00	
QC RPD	Qualifier
0.00	
QC RPD	Qualifier
0.00	
QC RPD	Qualifier
	0.00 QC RPD 0.00 QC RPD 0.00

Cardinal Laboratories

*=Accredited Analyte

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Celeg L. Keine



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

03/01/2012

Sampling Date:

03/01/2012

Reported:

Sampling Type:

03/06/2012

Sampling Condition:

Soil ** (See Notes)

Project Name:

NORTH SHUGART FEDERAL NO. 1

Sample Received By:

Jodi Henson

Project Number:

701162.012.01

Project Location:

SEC.17.T18S.R31E

Sample ID: S-12 4' (H200552-10)

Chloride, SM4500Cl-B	le, SM4500Cl-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/02/2012	ND	432	108	400	0.00	

Cardinal Laboratories

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Celeg & Keene 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-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 E. Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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Action State: NM	Zip:	82210		/	Attn:			. — · · · · · · · · · · · · · · · · · ·	_							1	!			
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701167.012.01 Project Owne	er: Ci'r	ontex	Energ	1/ 0	City:										1					
North Shugart Federal No!				, !	State:		Zip:		-	1			Ì			Į				İ
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Cardinate labelity and clearly exclusive temetry for any claim anseng whether and the label for involved and are another cause with according to be cardinate, but any of or related to the performance of crivices hereaded by Cardinat, capables of 12 20 1.31 Time: Time: (Circle One) State: n. m. Zip: 99210 Advisor for all the performance of crivices hereaded by Cardinat, capables of 12 Time: (Circle One) State: Received B	Talon/LPE Talon/LPE Talon/LPE Talon/LPE Talon/LPE Talon/LPE Talon/LPE Talon/LPE Talon/LPE Talon/LPE State: nrm Zip: 2022/0 SS-44/1-7254 Fax #: Toll62.612.01 Project Owner: Cimerck Energy North Shugar (Federal Noll The Sce. 17-181. R31k The Scentifical Sample I.D. S-6 2 Centri divilling pit S-6 4 S-6 6 S-6 8 S-6 8 S-6 10 S-6 12 S-12 1 Visible impacted Array Loss. G S-12 2 S-12 3 S-12 4 Date: Received By: Time: Circle One) Sample Co Cool Inte Sample Co Sample Co Sample Co Sample Co Cool Inte Sample Co Cool Inte Sample Co Cool Inte Sample Co Cool Inte Sample Co	Talson/LPE The onke Stubble field 40% Must Texer flux. Actual State: NM Zip: 28210 575.441-7254 Fax it: 701162.012.01 Project Owner: Cimerck Energy North Shugart Federal No! n: See. 17-181. R31k race Sallbell Sample I.D. MATRIX Sample I.D. S-6 2 Centri Utilling for 6 5.6 46 5.6 8 5.6 8 5.6 10 5.121 Visible impacted Assessmently for any claim using whether based in contract or giftone for repligence and any other cause whatsower entirely for any claim using whether based in contract or giftone for repligence and any other cause whatsower child be deemed whose unless made in writing and to gift one for repligence and any other cause whatsower child be deemed whose unless made in writing and to gift one for repligence and any other cause whatsower child be deemed whose unless made in writing and to gift one for replice to the petermance of services hereinder by Carloust, tennelless of whether such claims is any of or related to the petermance of services hereinder by Carloust, tennelless of whether such claims is yet. Date: Time: Sample Condition Sample Condition Cool. Infact.	Talsn/LPE Tr. Chike Stubble field P.O. #: 1008 Met Ticker Net. Address State: N. M. Zip: 22210 Attn: Tollo 7.012.01 Project Owner: Cimerck Energy North Shugart Federal Not The State: The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not The State: Not I Shugart Federal Not Shugart Federal Not The State: Not I Shugart Federal Not Shugart Federal	Tolon/LPE Tolon/LPE	BILL TO P.O. #: To lan / LPE The Stubble field P.O. #: Company: Takes for for the field P.O. #: Company: Takes for for for for for for for for for for	To the Stubble field To the Stubble field To the Stubble field P.O. #: Company: Takes fur. Addross: To 116 2.012.01 Project Owner: City of the Coccy Morth Shugar [Federal Not] Sample I.D. Sample I.D. 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Marth Shugar Federal & Ne 1 Sample I.D. Sample III	Tallon (APE P.O. #: P.	Sample I.D. Sample I.D.	ANALYSIS REQUE TO THE STUDY of the Color of	** Talso/teff ** Trive Stubble field 908 Mist Teach Net. 908 Mist Tea	Talso I PP To the Stubble field PO. 8: The Stubble field Company: Talso fell Attr: Address: Tallo 3. 612.01 Project Owner: Circurse & Greegy State: 17:12: 6316 The Stubble field Company: Talso fell Attr: Society: State: 20:10: 00 Project Owner: Circurse & Greegy City: State: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2:	Sample I.D. Sample III. Sample I.D. Sampl



February 17, 2012

MIKE STUBBLEFIELD
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: NORTH SHUGART FEDERAL NO. 1

Enclosed are the results of analyses for samples received by the laboratory on 02/14/12 14:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.tceo.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.

Celey & Keene

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. Keene

Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

02/14/2012

Sampling Date:

02/14/2012

Reported:

02/17/2012

Sampling Type:

Soil

Project Name:

NORTH SHUGART FEDERAL NO. 1

Sampling Condition:

** (See Notes)

Project Number:

701162.012.01

Sample Received By:

Jodi Henson

Project Location:

SEC.17.T18S.R31E

Sample ID: S-1 TANK BATT PAD (H200386-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/17/2012	ND	416	104	400	0.00	
Sample ID: S-2 LOCATIO	N SW 0' (H200	386-02)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/17/2012	ND	416	104	400	0.00	
Sample ID: S-3 LOCATIO	N SE 0' (H200	386-03)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/17/2012	ND	416	104	400	0.00	
Sample ID: S-4 LOCATIO	N NW 0' (H200	386-04)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	02/17/2012	ND	416	104	400	0.00	

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Celeg Li Keene Celey D. Keene, Lab Director/Quality Manager



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Sampling Date:

02/14/2012

Reported:

02/17/2012

Sampling Type:

Soil

Project Name:

NORTH SHUGART FEDERAL NO. 1

Sampling Condition: Sample Received By: ** (See Notes) Jodi Henson

Project Number:

701162.012.01

Project Location: SEC.17.T18S.R31E

Sample ID: S-5 LOCATION NE 0' (H200386-05)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM				· · · · · · · · · · · · · · · · · · ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/17/2012	ND	416	104	400	0.00	

Sample ID: S-6 DRILLING PIT CENTER 0' (H200386-06)

Chloride, SM4500CI-B	mg/kg Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/17/2012	ND	416	104	400	0.00	

Sample ID: S-7 DRILLING PIT NW 0' (H200386-07)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d Ву: НМ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	02/17/2012	ND	416	104	400	0.00	

Sample ID: S-8 DRILLING PIT NE 0' (H200386-08)

Chloride, SM4500CI-B	Analyze	d By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	02/17/2012	ND	416	104	400	3.92	

Sample ID: S-9 DRILLING PIT SW 0' (H200386-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	02/17/2012	ND	416	104	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

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Received:

02/14/2012

Sampling Date:

02/14/2012

Reported:

Sampling Type:

02/17/2012

Soil

Project Name:

NORTH SHUGART FEDERAL NO. 1

Sampling Condition:

** (See Notes)

Project Number:

701162.012.01

Sample Received By:

Jodi Henson

Project Location:

SEC.17.T18S.R31E

Sample ID: S-10 DRILLING PIT SE 0' (H200386-10)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	736	16.0	02/17/2012	ND	416	104	400	3.92			
Sample ID: S-11 WELLHI	EAD AREA 0' (H	1200386-11)									
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP							
Analyte	Result	Result Reporting Limit		Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	4720 16.0		02/17/2012	ND	416	104	400	3.92			
Sample ID: S-12 VISIBL	E IMPACTED AF	REA (H200386	-12)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	11100	16.0	02/17/2012	ND	416	104	400	3.92			

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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 6 of 7

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Talon / LPE BILLTO ANALYSIS REQUEST Project Manager: mike Stubble light P.O. #: Company: Talos 408 West Texas Auc. Address: State: NM Zip: 82710 City: Ancsia Attn: C75-441-7254 Fax#: Phone it: Address: 701162.012.01 Project Owner: Cimasex Engley Project #: City: Project Name: North Shugart Federal No. 1 State: Zin: Project Location: sec. 19- 7185 R31E Phone #: mee Stillhild Sampler Name: Fax #: FOR LAB USE ONLY MATRIX SAMPLING PRESERV. (G)RAB OR (C)OMP Totalo Lab LD. ACID/BASE. Sample I.D. SLUDGE H200386 DATE TUME S. 1 Tunk battery pad o' 2/14/2012 10:04/ 2/14/2012 10:14 A 3 5.3 LOCATION SE O' Ġ 2/14/2012 10:21 A 4 5.4 Location NW 0' 2/14/2012 10:29 1 5 5.5 Location NE 0 2/14/2012 10:34/ 6 5.6 Drilling pit center o 2/14/2012 10:44 A 7 S.7 Dilling pir NW 0 2/14/2017 10:514 8 S.8 Drilling pil NE 0 7 80:11 2105/4/5 G 9 5.9 Deilling pit SW 2/14/2012 11: 15 A PLEASE NOTE. Cability and Damages. Caramats into ly and clients exclusive remedy for any claim ansing whether based in contract or fort, shall be limited to the amount paid by the client for the analyses All claims including those for negligence and any other cause whotoever shall be deemed waived unless made in wating and received by Condinal within 30 days after completion of the applicable service. In no event shall Cardinal be hable for incidental or consequental damages, including vialout limitation, business interruptions, loss of use, or loss of profils incurred by their t, its subsidiance, affiliates or successors origing out of or related to the performance of services hereunder by Capullial, repartless of whether such chara is based upon any of the above stated repsors or otherwise Relinquished By: Received By: ☐ Yes ☐ No Add'l Phone #: Phone Result: Fax Result: mulestall) ill REMARKS: Relinguished By: Date: Time: Delivered By: (Circle One) Sample Condition CHECKED BY: (Hilitials) Cool Intact Yes Yes Sampler - UPS - Bus - Other † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2976.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	101 East Marland, (575) 393-2326 FA																								ኢ-	・ え
Company Name: Tulon/LPE							::		BI	LL. TC	7.	3 ,	ANALYSIS REQUEST													
Project Manager: MIKC Stoff Left!					P.O. #:													T								
Address: 408 West Trans Ave.							Company:					_								}						
City: Arlesiu Stale: Nm Zip: 88210						Attn:								ı		ļ										
Phone #: \$75 441-7754 Fax #:					Address:						.]									İ						
Project #: Project Owner:						City:																				
Project Name: North Shugart Federal No. 1						State: Zip:								-												
Project Locatio		RSI RZIE		_			_	Phone #:															1			
Sampler Name:	n 34 5 600 2 12	<u>U</u>						Fax #:						ي ا										ľ		
Lab I.D. H200386	Sample Sill Wellhood Silk Visible imp	arch O		#CONTAINERS	GROUNDWATER	MATE			ACID/BASE.			2	TIME 11:35 A 11:44 A	Total chlorides					-							
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analyses. All claims include service. In or event shall consistence or event shall conflicted by the service of	y: (Circle One) - Bus - Other)	rease wholsoever shall be sequented damages, includ a ce of corwes becomes the counter by a contract of the co	deemed g rathout Caronal Ro	ceiv	dunless of on, bus no less of ed By	mple Col Ini	ondition on the Yes	recompose of	CH	ECK	within 30 days often mourred to above states.	alter by ch direns	correlation of the section of the se	he aprica anes, E3 Sult: IL:	D Y					Phone Fax #:	dt:					
† Cardinal	cannol accept verbal	l changes. Pleas	e fax	writ	ten cl	hange	s to 5	05	393-2 Fr Z	476	ı															Pa

Reclamation Objective

At final abandonment, well location, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases, this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

The reclamation process involves restoring the original landform or creating a landform that approximates and blends in with the surrounding landform. It also involves salvaging and reusing all available topsoil in a timely manner, revegetating disturbed areas to native species, controlling erosion, controlling invasive non-native plants and noxious weeds, and monitoring results. With proper reclamation measures, over time, local native species will become reestablished on the site and the area will regain its original productive and scenic potential.

Reclamation generally can be judged successful when a self-sustaining, vigorous, diverse native (or otherwise approved) plant community is established on the site, with a density sufficient to control erosion and non-native plant invasion and to re-establish wildlife habitat or forage production. Erosion control is generally sufficient when adequate groundcover is reestablished, water naturally infiltrates into the soil, and gullying, headcutting, slumping, and deep or excessive rilling is not observed. The site must be free of State- or county listed noxious weeds, oilfield debris, contaminated soil, and equipment. The operator should inform the surface management agency that reclamation has been completed and that the site is ready for final inspection when these requirements have been met. Use Form 3160-5 (Sundry Notices and Reports on Wells), Final Abandonment Notice (one original and 3 copies).

If any questions, Contact Jim Amos @ 575-234-5909 (office) or 575-361-2648 (cell).