District I 1625 N. French Dr , Hobbs, NM 88240 District II
1301 W. Grand Avenue, Artesia, NM 88210
District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

RECEIVED Energy Minerals and Natural Resources Oil Conservation Division

HOBBSOCD

Form C-141 Revised October 10, 2003 DEC 03 2009 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form side of form

Santa Fe, NM 87505 Release Natification and Corrective Action

1220 South St. Francis Dr.

			Ken	ease Mounic	auon	and Co	rrective A	CHOIL			\ //	_
						OPERAT	OR		Initia	al Report	F	inal Report
Name of Co	mpany	Tack A	La FA			Contact	Chip N	Tyers			7]
Address			<u> </u>			Celephone N	0. 575	-162	1 - 2	2501	·····	
Facility Nar	ne B	ern A	#2	······································		acility Type						
		·						y				
Surface Ow	ner Tim	my Coop	sev	Mineral O	wner	Cooper	•		Lease N	Vo. A=	42	
		, ,		LOCA	TION	OF REI	EASE	#19A	30.02	. <i>5</i> .335	81.00	.00
Unit Letter	Section	Township	Range	Feet from the	North/S	South Line	Feet from the	East/W	est Line	County		
A	14	195	36E							Lea	2	1
			La	titude		_ Longitud	е					
						OF RELI	EASE					
Type of Rele	ase /	tole in	Tank				Release 6 Bar	rells	Volume I	Recovered	0	
Source of Re		Tank					our of Occurrence		Date and	Hour of Dis	covery	9.8.09
Was Immedia	ate Notice (If YES, To	Whom?					1:001:4
			Yes [No Not Re	quired							
By Whom?						Date and H	our					
Was a Water	course Rea					If YES, Vo	lume Impacting	the Wate	rcourse.			
			Yes [] No								
If a Watercon	urse was Im	pacted, Descr	ribe Fully.	*		<u> </u>						
		Ji		,								j
		*	No	impact	age	wate						1
		•		¥	•			TALL	FRA	521		1
Describe Car	use of Prob	lem and Reme	edial Actic	n Taken.*				<u> </u>	11.0	met o	a.	in Hiens
Sou the	Tuck	had a	lea	k that i	went	East,	of Batt	evy	my.	org c	on an	Creston
. //	,	cuc 1-		ann ain	bled	sample	5 until	clea	N	took S	anyste	25 to lat
howled	to	(NC LA	····	Carrie Ta	11	4	and sill					
Describe Ar	ex bal	and Cleanup	Action Ta	ken *	y-	TO P	uer vig		<i></i>	2 1		2.10
Pasture	Easit	of T.B	7. —	impact n Taken.* h that it sam gra from Jeg ken.*	at	conta	minated	suil	hau	led off	to L	CNC
Land	Faun	Broug	ht in	48 ye	ds	of	Top Sil	l a	nd t	Back Fill	led.	
				e is true and comp								es and
regulations a	all operators	are required	to report a	nd/or file certain r	elease n	otifications a	nd perform corre	ective act	ions for re	leases which	n may end	langer
muhlic health	or the env	ironment. Th	e acceptar	ce of a C-141 repo	ort by the	e NMOCD m	arked as "Final I	Report" d	loes not re	lieve the ope	erator of	iability
should their	operations	have failed to	adequatel	y investigate and r	emediat	e contaminat	on that pose a th	reat to gr	round wate	er, surface w	ater, hun	ian health
				ptance of a C-141	report d	oes not reliev	e the operator of	respons	ibility for	compliance	with any	otner
federal, state	e, or local la	ws and/or reg	gulations.		 7		OIL CON	ICEDV	ATION	DIVICI	ONI	
		, .			- 1		OIL CON	NOEK V	AHON	DIAIDI	OIN	1
Signature:	Sal	mh	202		1		ENV. ENGINE	ימבור'				1
	- - 					Approved by	District Supervi			Da.		1
Printed Nam	ier Ja	colo Mo	elano	<u>n</u>				Ÿ	mxtfxm	A gorson	<u>\</u>	
Tial - C.			_	المروسيات الرسا		Approval De	te: 03/11/19		NO Expiration	Date:	- ·	
Title: En	viran u	neural	supe	NYISOV		Approvat Da	w. ~ ottitt	<u>V</u>	LAPITALION	Daic.	<u> </u>	
E-mail Addı	ress: La	cob D.	3Koi	l angas. Ca	m	Conditions o	f Approval:			Attache	a 🗇	
				,	- 1					ł		2050
Date: 9	16.2	009	Phone	: 575-631-8	100/					_UKT~1	U : 3'	2450

RECEIVED

DEC 03 2009 HOBBSOCD

Jack Huff

Bern "A" # 2

November 11 2009

Final Closure Report

Initial Release: South tank in battery had a hole and leaked east of battery in pasture

Began work on September 16th by excavating one foot of soil in contaminated areas, went to location and sampled excavations and took to lab for analysis. After results were given had to go back to location and excavate in two areas where results came back hot, S2 and S4. Excavated S2 another foot and took sample to lab, excavated S4 to six feet grabbed sample and took to lab. Both samples still came back dirty, had to go back excavate S4 to four feet and S2 to eight feet, grabbed samples and took to lab for analysis. Both samples came back clean called Jeff Leckey with OCD and was given verbal to go head and back fill excavations. Hauled contaminated soil to Jimmy Coopers land farm approximately 48 yards, hauled in backfill from Jimmy Cooper approximately 48 yards and backfilled excavations and took closure photos.

Jacob Melancon

3K Oil and Gas Services

RELEASE NOTIFICATION AND CORRECTIVE ACTION [1-1-50...2-1-96; A, 3-15-97]

Judk Huff Bern A # 2

116.A. NOTIFICATION

116

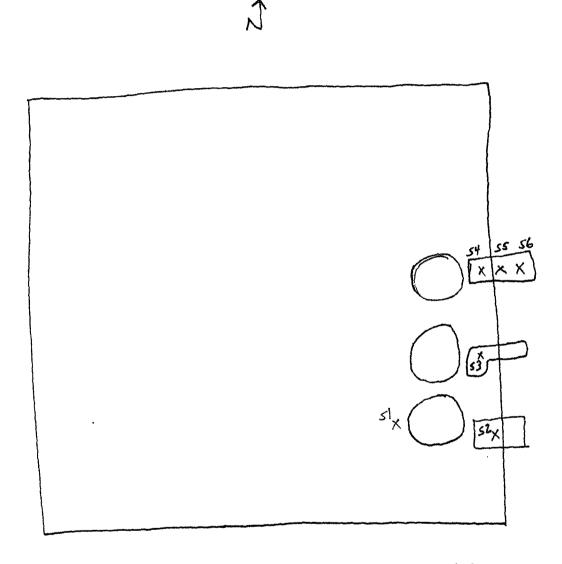
- (1) The Division shall be notified of any unauthorized release occurring during the drilling, producing, storing, disposing, injecting, transporting, servicing or processing of crude oil, natural gases, produced water, condensate or oil field waste including Regulated NORM, or other oil field related chemicals, contaminants or mixture thereof, in the State of New Mexico in accordance with the requirements of this Rule. [1-1-50...2-1-96; A, 3-15-97]
- (2) The Division shall be notified in accordance with this Rule with respect to any release from any facility of oil or other water contaminant, in such quantity as may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [3-15-97]
- 116.B. REPORTING REQUIREMENTS: Notification of the above releases shall be made by the person operating or controlling either the release or the location of the release in accordance with the following requirements: [5-22-73...2-1-96; A, 3-15-97]
 - (1) A **Major Release** shall be reported by giving **both** immediate verbal notice and timely written notice pursuant to Paragraphs C(1) and C(2) of this Rule. A Major Release is:
 - (a) an unauthorized release of a volume, excluding natural gases, in excess of 25 barrels;
 - (b) an unauthorized release of any volume which:
 - (i) results in a fire;
 - (ii) will reach a water course;
 - (iii) may with reasonable probability endanger public health; or
 - (iv) results in substantial damage to property or the environment;
 - (c) an unauthorized release of natural gases in excess of 500 mcf; or
 - (d) a release of any volume which may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3), [3/15/97]
- (2) A **Minor Release** shall be reported by giving timely written notice pursuant to Paragraph C(2) of this Rule. A Minor Release is an unauthorized release of a volume, greater than 5 barrels but not more than 25 barrels; or greater than 50 mcf but less than 500 mcf of natural gases. [3-15-97]

116.C. CONTENTS OF NOTIFICATION

- (1) **Immediate verbal notification** required pursuant to Paragraph B shall be reported within twenty-four (24) hours of discovery to the Division District Office for the area within which the release takes place. In addition, immediate verbal notification pursuant to Subparagraph B.(1).(d). shall be reported to the Division's Environmental Bureau Chief. This notification shall provide the information required on Division Form C-141. [5-22-73 . 2-1-96; A, 3-15-97]
- (2) **Timely written notification** is required to be reported pursuant to Paragraph B within fifteen (15) days to the Division District Office for the area within which the release takes place by completing and filing Division Form C-141. In addition, timely written notification required pursuant to Subparagraph B.(1).(d). shall also be reported to the Division's Environmental Bureau Chief within fifteen (15) days after the release is discovered. The written notification shall verify the prior verbal notification and provide any appropriate additions or corrections to the information contained in the prior verbal notification. [5-22-73...2-1-96; A, 3-15-97]
- 116.D. CORRECTIVE ACTION: The responsible person must complete Division approved corrective action for releases which endanger public health or the environment. Releases will be addressed in accordance with a remediation plan submitted to and approved by the Division or with an abatement plan submitted in accordance with Rule 19 (19 NMAC 15.A. 19). [3-15-97]

3-K Oil & Gas Services, L.L.C. FIELD MEASUREMENT/OBSERVATION LOG P.O. Box 1332 Jal. NM 88252 COMPANY: Jack Huff PROJECT NUMBER: PROJECT NAME: (575)395-2654 #103 Bern A #2 PROJECT MANAGER: Jab Melacon Jacob Melancon FIELD TECHNICIAN: DATE: 9.16 .2009 CHLORIDE ANALYSIS SAMPLE SAMPLE ID COLLECTION TIME PID READING (FPM) **SOIL DESCRIPTION** PID ANALYSIS TIME Titration DEPTH (FT) Tube mg/Kg Reading white Caliela 51 2 gms of soil 40 ml H2O x 20 ≈ 1:45 Brown latite caliche 52 1:56 2 gms of soil 40 ml H2O 20 m 53 2:15 2 gms of soil 40 ml H2O 20 = 54 2 gms of soil 40 ml H2O 2:29 20 ≈ 55 2:39 2 gms of soil 40 ml H2O 20 == 56 2:45 20 == 2 gms of soil 40 ml H2O 20 ≈ 2 gms of soil 40 ml H2O 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 mi H2O 20 == 2 gms of soil 40 ml H2O 20 ≈ 2 gms of soil 40 ml H2O x 20 ≈ 2 gms of soil 40 ml H2O x 20 = 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 ml H2O 20 == PID CALIBRATION WEATHER Temp. Misc Time Fresh Air Span Gas Fresh Air Time Time. Span Gas

Jack Huff Bern A#2 Sec. 14 T-195 R-36E



* Took Samples from where CD lecommended * Pan Samples to lab for a full analysis

ARE	INAL	LABO	RAT	OR	IES
	101 East	Mariand	Hobbs	NM	8824

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

(575) 393-2326 Fax (575) 393-2476		Page of
npany Name: 3/K Oil and gas	BILL TO	ANALYSIS REQUEST
ject Manager: Jacob Melancon	P.O. #: /332	
iress: 101 E. Panther	Company: 31K oil and gas	
1: Jal State: N.M. Zip: 88252	Attn: Treels Melancon	
one #: 575 - 635 - 6037 Fax #: 575 - 395 - 2162	Address: 101 E. Parther	
ject #: 103 Project Owner: Jack Huff	City: Tel	
ject Name: Bern A #2	State: N.M. Zip: 88253	
ject Location: Bern A#2	Phone #: 575-631-8137	
npler Name: Jack Melanca	Fax #: 575 - 395 - 2162	
R LAB USE ONLY MATRIX	PRESERV. SAMPLING	
SS SO S		
# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	H 7	
AAB O OGE	BA8 COC	M2
# CONTAI # CONTAI # SOIL OIL SLUDGE	ACID/BASE: ICE / COOL OTHER. BMIL BMIL	
/838 - SI 4' GI X	10.01.09 131	
-2 52 5-6' GI X	10.01.09 155	X
-3 SY 13/2 H. 9 1 X	10.01-09 11:25	
-4 S5 3/2 At. G 1 X	10.01.09 12:00	
ASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in contrac yess. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing an	t or tort, shall be limited to the amount paid by the client for ind received by Cardinal within 30 days after completion of	or the the applicable
ce In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, ties or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim	loss of use, or loss of profits incurred by client, its subside is based upon any of the above stated reasons or otherw	nse
mpler Relinquished: Date: Received By:	Phone R	esult: No Add'l Phone #:
Time:	DEMARK	(8:
linquished By: Date: 10-1-9 Received By: Time: 2:30	OR + PA	ease Errail Results to Jacob @ 3K oil and Gas. Com
	eve	sacels @ 3K oil and fins. Com
Delivered By: (Circle One) Temp. Sample Condition		
ampler - UPS - Bus - Other: ☐ Yes ☐ Yes ☐ Yes ☐ No ☐ N	es (Initials)	

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

S AI	RDINAL	LABO	RAT	OR	IES
760679	101 Fact	Marland	Hobbe	RIRE	00246

101 East Marland	, Hobbs	, NM	8824	10
/575\ 303_333C	Ear /E'	75) 2	02.2	470

	(575) 393-2326 Fa		476													Page	of _	\pm		
npany Name:		and has						LL TO					Al	VALY	SIS R	REQUE	ST			
ect Manager:	Jacob Me	lass con				P.	O. #: 🗳	1332												
ress: /6/	1 E. Panthe					Co	ompany: 、	3/160:	and Gs						1					
: Jel		State: N.M.	Zip	:	88240		tn: Jacob								-					1
ne #: \$75 -	-631-8037	Fax #: 575	٠ ز	39	5-2162		idress: /					-							}	1
ect#: 10	03	Project Owner	: [Ta	ck Hust		ty: Jal													1
ect Name:	Bern A	# 2		-	01		ate: N·M.	Zip: 88	252									-		
ect Location:	:					1	one #: <i>5</i> *				1									
ıpler Name:	Joseph Mela	w COH		*******			x#: 575				1						1			
LAB USE ONLY					MATRIX		PRESERV.	استخبار والمراجع والمتناطع والمتناط	والكال والكال المستقد والمسين والمستقد									l	- 1	- 1
		`, ,	(C)OMP.	_	e: :	•													1	- 1
	•		<u>Ô</u>	ERS	MTE TER	;											ĺ		1	
ab I.D.	Sample I.I	D. ·	3 OR	AN	YDW EWA	:::	ASE 90L												1	
		,	(G)RAB	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER	ACID/BASE: ICE / COOL OTHER:										- 1			1
1821 61				#_	R	5	8 5 6	DATE	TIME				_		_	+				
18260-1	51 8		67	_	X	,		9.16.09												
	52 2 53 2		9		×	-		9.16.09						_		+				
	53 z 54 2		5		X			9.16.09							+	+				
-5	S5 2	•	<u>G</u>		×	<u>. </u>		9.16.09								1				
-3 -4 -5 -6	56 z	•	B		X			9.16.09						_	1					
	, i																			
	The second of th					1	1 ;		····											
						;														
es All claims including	d Damages Cardinal's liability and clien g those for negligence and any other ca	ause whatsoever shall be d	ieemee	d waive	ed unless made in writing an	d rece	elved by Cardinal v	within 30 days afte	completion of the	ne applicable	8									
is of successors ansing	rdinal be liable for incidental or consequence of out of or related to the performance of	of services hereunder by C	ardınal	, regar	dless of whether such claim				sons or otherws	se.			أبد فيد والمناور وي					***	**********	
npler Relinqu	lisned:	Date:	Re	ceiv	ved By:	1	1 12	N	Phone Re Fax Resu			No No		d'I Phor d'I Fax f						
J.M.	Lian	Time:	.	L	lotus	Lu	Du i	₩	REMARK	S:			. ,		1	1 -	L.	, _		
nguished By	:	Date:	Re	cei	ved By:				PL	las	٤	EM	ail	K	نعم	ult	P T	O		
\mathcal{O}		Time:	-		\circ				. ,											
elivered By:	(Circle One)		Ten	np.	Sample Condit	ion	CHECK	KED BY:	1.			_	v .			gas	COL	r A		
	- Bus - Other:				Cool Intact Ves Ye			ilals)	100	.C & 10	ب و	· ح	F- C	7. (a		jau	, —	~		

5amples on ice Iccoling process had begun

^{.†} Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

3-K Oil & Gas Services, L.L.C. FIELD MEASUREMENT/OBSERVATION LOG P.O. Box 1332 Jal. NM 88252 COMPANY: PROJECT NUMBER: PROJECT NAME: (575)395-2654 Jack Huff # 105 Bern A #2 PROJECT MANAGER: Jacob Melanon FIELD TECHNICIAN: Jacobs Melancon DATE: 10.01. 2009 CHLORIDE ANALYSIS SAMPLE SAMPLE TO SOIL DESCRIPTION COLLECTION TIME PID ANALYSIS TIME PID READING (PPM) Titration DEPTH (FT) Tube ma/Ka Reading SI 8:50 Brown Soil 20 = 1600 2 gms of soil 40 ml H2O 54 3/4. 20 - 120 Tan/Brown Lock/Soil 11:25 2 gms of soil 40 ml H2O 3 4 A. 55 20 = 120 Tan / Brown Soil 12:00 10 2 gms of soil 40 ml H2O 344 52 Tan / Brown Sol) 12:25 SI 3' Brown Soil 12:37 2 gms of soil 40 ml H2O 20 = 1200 52 4-5 Ton Soil 1:00 2 gms of soil 40 ml H2O 20 = 1029Brown Tan Soil 51 1:31 20 20 = 400 2 gms of soil 40 ml H2O 52 Tan Soil 5-6 1:55 20 = 2 ems of soil 40 ml H2O 2 ams of soil 40 ml H2O 20 = 40 ml H2O x 20 ≃ 2 gms of soil 2 gms of soil 40 ml H2O n 20 = 2 gms of soil 40 ml H2O × 20 = 40 ml H2O × 20 = 2 gms of soil 2 gms of soil 40 ml H2O x 20 ⇒ 2 gms of soil 40 ml H2O 20 --2 gms of soil 40 mi H2O 20 == 2 gms of soil 40 ml H2O 20 = 2 mms of soil 40 ml H2O 20 ≈ 2 sms of soil 40 ml H2O 20 == PID CALIBRATION WEATHER Time Terup. Misc Time Fresh Air Spen Gas Fresh Air Span Gas Three

AL.	
	L LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-	2476		Page of
company Name: 3/K oil and go		BILL TO	ANALYSIS REQUEST
roject Manager: Jacob Melancon		P.O. #: /332	
Address: 101 E. Panther	Additional general service for high, a strength of the principal phone subjects of the biograph	Company: 3/K oil and gas	1
State: N.M	· Zip: 88252	Attn: Tuch Melancan	
hone #: 575-694 - 6037 Fax #: 575-	395- 2162	Address: 101 E. Parther	
Project #: /03 Project Owns	r: Jack Huff	City: Tal	
roject Name: Bern A #2		State: N.M. Zip: P8253	
roject Location: Bern A#2	Managang ang ang bang sa apanagan anakhir ningga paparananan anakan ang ang ang ang ang ang ang ang ang a	Phone #: 575-631-8637	
Sampler Name: Jacks Melancas		Fax#: 575 - 395 - 2162	
FOR LAB LISE CHLY	MATRIX	PRESERV. SAMPLING	<u>1</u>
	(C)OMP ERS ATER TER	1 1	
Lab I.D. Sample I.D.	ATER (C)		
Lab I.D. Sample I.D.	A OR TAIN NDW NDW	X X SE	
	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ACID/BASE ICE / COOL OTHER:	
H18384-1 SI 4'	(G)F WAX SOIL		
-2 52 5-6 '	6 X 6 X	10.01.09 F35	
-3 SY 9'3' H.	S I X	10.01.09 11:25	
-3 SY 9'3'6 A. -4 S5 3'6 A.	13 11 X	10.01.09 12:00	
		70.01.01	
The state of the s			
	<u> </u>	,	
LEASE NOTE. Liability and Damages. Cardinar's liability and chants exclusive remedy for		7	
nalyses. All claims including those for negligence and any other ceuse whatsoever shall be place in no event shall Cardinal be liable for incidental or consequental damages including the control of the control of the control of the consequental damages including	deemed waved unless made in writing a	and received by Cardenal within 30 days 69% completion of	the envitoable
finishes or successors ensing out of or related to the performance of services hereunder by ampler Relinquished: Date:	ardinal regardless of whether such clair Received By:	m is based upon any of the above stated reasons or otherw	risk .
		Fax Resu	ult:
Time:		REMARK	is:
Relinquished By: Date: 10-1-9	Received By:	On A PA	ease command results
7 Time: 2:30	Unt-L	ebul I'	ease Email Results to jacob @ 3k oil and Fas. Com
Delivered By: (Circle One)	Temp. Sample Condi		Jacon C Con The Control of the Contr
Sampler - UPS - Bus - Other:	SC Syes SY	es () ()	

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

3-K Oil & Gas Services, L.L.C. FIELD MEASUREMENT/OBSERVATION LOG P.O. Box 1332 COMPANY:
Jack Huy
FIELD TECHNICIAN: Jal, NM 88252 PROJECT NUMBER: PROJECT NAME: (575)395-2654 103 Bern A #2 PROJECT MANAGER: Touch Melancer Melancon DATE: 10:12-2009 **CHLORIDE ANALYSIS** SAMPLE SAMPLE TO COLLECTION TIME PID ANALYSIS TIME PID READING (PPM) Titration SOIL DESCRIPTION DEPTH (FT) Tube mg/Kg Reading 7 52 Tannish Brown Calich 10:45 480 20 = 2 gms of soil 40 mi H2O 45 12:15 2 gms of soil 40 ml H2O 20 == 4-4.51 2 gms of soil 40 ml H2O 20 ≈ 2 ams of soil 40 ml H2O 20 ∞ 2 gms of soil 40 ml H2O 20 = 20 = 2 gms of soil 40 ml H2O x 20 ™ 2 gms of soil 40 ml H2O 2 gms of soil 40 ml H2O 20 ∞ 2 gms of soil 40 ml H2O 20 = 40 ml H2O 20 ∞ 2 gms of soil 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 mi H2O 20 == 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 ≃ 2 gms of soil 40 mi H2O x 20 = PID CALIBRATION WEATHER Three Fresh Air Fresh Air Span Gas Span Gas Time Time Temp. Misc

AR	DINAL L	.ABO	RAT	OR	IES
	101 Fast M				

(575) 393-2326 Fax (575) 393-2476		Page of
mpany Name: 3/K 0:1 and 6.5	BILL TO	ANALYSIS REQUEST
eject Manager: The Melancon	P.O. #: /332	
dress: 101 E. Parther	Company: 8 Parthy Attn: Jacob Melancan	
y: I. State: N.M. Zip: 8825	Attn: Jacob Melancen	
one #: 575-631-8037 Fax #: 575-395 - 216	Address: 10/ E. Parther	.
)ject #: # 103 Project Owner: Jack Hi	City: I	
eject Name: Bern A #2	State: N.W. Zip: 88252	
ject Location:	Phone #: 575 - 631-8037	
npler Name: Jacob Melancon	Fax #: 575 - 395 - 2162	
R LAB USE ONLY MA	IX PRESERV. SAMPLING	
ap I.D. Samble I.D. (G)RAB OR (C)OMP GROUNDWATER WASTEWATER SOIL		
A VOICE TERS		
ab I.D. Sample I.D. Sample I.D.	3.8 S.	
(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER ACIDIBASE. ICE / COOL OTHER	9^{∞}
18476-1 52 8' Filx	10.12 11:35)	
18476-1 52 8' FI X	10.12 12:45	
	1 1	
ISE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim ansing whether base	contract or tort, shall be limited to the amount paid by the client for the	he
ses All clarms including those for negligence and any other cause whatsoever shall be deemed waived unless made in no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business in	iting and received by Cardinal within 30 days after completion of the a	e applicable
tes or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whethempler Relinquished: Date: Received By:	h claim is based upon any of the above stated reasons or otherwise Phone Resul	
mpler Relinquished: Date: 10-12-09 Time:	Fax Result: REMARKS:	
Time: 2:55 Late Received By: Date: Received By:	men	
Time:		
Cool	ondition CHECKED BY:	
ımpler - UPS - Bus - Other: ☐ Ye	Yes MCD	

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

Jack Huff

RECEIVED

BERN A #2

OCT 22 2009 HOBBSOCD

October 22, 2009

All soil samples from this excavation have been taken to lab for analysis. Analyticals show that everything cleaned up less than 5ft except for S2 which cleaned up at 8ft. We propose to use topsoil to backfill excavations since surrounding seems to be all rock.

Thank you,

Jacob Melancon

575-631-8037

3K Oil and Gas Services



October 16, 2009

Jacob Melancon 3/K Oil and Gas 101 East Panther Jal, NM 88252 RECEIVED

OCT 22 2009 HOBBSOCD

Re: Bern A #2

Enclosed are the results of analyses for sample number H18476, received by the laboratory on 10/12/09 at 2:55 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely

Celey D./Reene Laboratory Director



ANALYTICAL RESULTS FOR 3-K OIL & GAS ATTN: JACOB MELANCON 101 EAST PANTHER

JAL, NM 88252

FAX TO: (575) 395-2162

Receiving Date: 10/12/09 Reporting Date: 10/12/09

Project Number: #103 (JACK HUFF)

Project Name: BERN A #2

Project Location: NOT GIVEN

Analysis Date: 10/12/09 Sampling Date: 10/12/09

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 6°C

Sample Received By: ML

Analyzed By: HM

LAB NO.	SAMPLE ID	Cl ⁻ (mg/kg)
H18476-1	S2 8'	256
110410-1	32 0	230
Quality Control		500
True Value QC	and the second of the second o	500
% Recovery		100
Relative Percent Diffe	rence	< 0.1

4500-CIB METHOD: Standard Methods Note: Analysis performed on a 1:4 w:v aqueous extract.

10/16/09



ANALYTICAL RESULTS FOR 3/K OIL & GAS ATTN: JACOB MELANCON 101 E. PANTHER JAL, NM 88252 FAX TO (575) 395-2162

Receiving Date: 10/12/09 Reporting Date: 10/14/09

Project Owner: JACK HUFF (#103)

Project Name: BERN A #2
Project Location: NOT GIVEN

Sampling Date: 10/12/09 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 6°C

Sample Received By: ML

Analyzed By: AB

		GRO	DRO
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)
LAB NUMBER	SAMPLE ID	(mg/kg)	(mg/kg)

ANALYSIS DATE:	10/14/09	10/14/09
H18476-2 S5 4-4.5'	<10.0	288
Quality Control	516	546
True Value QC	500	500
% Recovery	103	109
Relative Percent Difference	9.2	18.5

METHOD: SW-846 8015 M. Reported on wet weight.

Chemist

Date



(575) 393-2326 Fax (575) 393-2476		Page 1 of 1							
ompany Name: 3/K o: / and Gas	BILL TO	ANALYSIS REQUEST							
roject Manager: Jacob Melaucen	P.O. #: /332								
ddress: 101 E. Parther	Company: Parther Attn: Jack Melancen Address: 101 E. Parther								
ity: II State: N.M. Zip: 88252	Attn: Jacob Melancen								
hone #: 575-63/- 8037 Fax #: 575-395 - 2/62	Address: 101 E. Pathe								
roject #: # 103 Project Owner: Jack Huff	City: IJ								
roject #: # 103 Project Owner: Jack Huff roject Name: Bern A # Z	State: N.W. Zip: 88252								
roject Location:	Phone #: 575 - 631-8037								
ampler Name: Jaub Melancon	Fax #: 575 - 395 - 2162								
FOR LAB USE ONLY MATRIX	PRESERV. SAMPLING								
M M M									
AT ERS (O) OX		1, 10							
Lab I.D. Sample I.D.	ASE								
Tap I.D. GORAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SILIDGE	OTHER: ACID/BASE OTHER: OTHER:								
	DATE TIME								
118476- 52 8' 61 X	10.12 11:35								
-2 55 4-45' GIX	10.12 12:45								
1									
.EASE NOTE: Liability and Damages, Cardinal's liability and chent's exclusive remedy for any claim arting whether based in contra labyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing i									
tivice. In no avent shall Cardinal be trable for incidental or consequental damages, including without limitabon, business interruptions histes or successors ensing out of or related to the performance of services hereunder by Cardinal regardless of whether such clair	s, loss of use, or loss of profits incurred by client, its subsidia	anes,							
ampler Relinquished: Date: Received By:	Phone Ro Fax Resu								
Time: 2:55 late	REMARK								
Relinguighed By: Date: Received By:	2 Ch								
Time:									
	ition · CHECKED BY:								
: Cool Intact	(Initials)								
Sampler - UPS - Bus - Other: Ves 1 Yes 1 Y	es MOSD								

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



October 7, 2009

Jacob Melancon 3/K Oil and Gas 101 East Panther Jal, NM 88252 RECEIVED

OCT 2 2 2009 HOBBSOCD

Re: Bern A #2

Enclosed are the results of analyses for sample number H18384, received by the laboratory on 10/01/09 at 2:30 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 4 (includes Chain of Custody)

Sincerely.

Celey D/Keene Laboratory Director



ANALYTICAL RESULTS FOR

3-K OIL & GAS

ATTN: JACOB MELANCON

P.O. BOX 1332 JAL, NM 88252

FAX TO: (575) 395-2162

Receiving Date: 10/01/09 Reporting Date: 10/02/09

Project Number: 103 (JACK HUFF)

Project Name: BERN A #2

Project Location: BERN A #2

Analysis Date: 10/02/09

Sampling Date: 10/01/09

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 5.5°(

Sample Received By: ML

Analyzed By: HM

		C
LAB NO.	SAMPLE ID	(mg/kg)
H18384-1	S1 4'	464
H18384-2	S2 5-6'	1,920
H18384-3	S4 3 ¹ / ₂ FT.	112
·		
Quality Control		490
True Value QC		500
% Recovery	98.0	
Relative Percent D	2.0	

METHOD: Standard Method	ds	4500-Cl ⁻ B
Control of the Contro		·

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date (0 (07 (09



ANALYTICAL RESULTS FOR 3/K OIL & GAS ATTN: JACOB MELANCON 101 E. PANTHER

JAL, NM 88252

FAX TO (575) 395-2162 Receiving Date: 10/01/09 Reporting Date: 10/05/09

Project Owner: JACK HUFF (103)

Project Name: BERN A #2
Project Location: BERN A #2

Sampling Date: 10/01/09 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 5.5°C

Sample Received By: ML

Analyzed By: AB

		GRO	DRO
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)
LAB NUMBER	SAMPLE ID	(mg/kg)	(mg/kg)

ANALYSIS D	ATE:	10/03/09	10/03/09
H18384-3	S4 3 1/2 FT.	<10.0	368
H18384-4 S5 3 1/2 FT.		<10.0	2,520
Quality Contro	ol	567	595
True Value Q	С	500	500
% Recovery		113	119
Relative Perc	ent Difference	1.8	0.1

METHOD: SW-846 8015 M. Reported on wet weight.

Chemist

10/07/09



September 22, 2009

Jacob Melancon 3/K Oil and Gas 101 East Panther Jal, NM 88252

Re: Bern A #2

RECEIVED

OCT 2 2 2009 HOBBSOCD

Enclosed are the results of analyses for sample number H18260, received by the laboratory on 09/16/09 at 3:46 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021.

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene

Laboratory Director



ANALYTICAL RESULTS FOR 3/K OIL & GAS

ATTN: JACOB MELANCON

101 E. PANTHER JAL, NM 88252

FAX TO (575) 395-2162

Receiving Date: 09/16/09

Sampling Date: 09/16/09 Sample Type: SOIL

Reporting Date: 09/22/09 Project Owner: JACK HUFT (#103)

Sample Condition: INTACT @16.5 °C

Project Name: BERN A #2 Project Location: NOT GIVEN Sample Received By: ML Analyzed By: AB/ZL/HM

GRO DRO **ETHYL** TOTAL

SAMPLE ID LAB NO.

 (C_6-C_{10}) (>C10-C28) BENZENE TOLUENE BENZENE XYLENES

CI* (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE:	09/18/09	09/18/09	09/18/09	09/18/09	09/18/09	09/18/09	09/17/09
H18260-1** S1 8"	<10.0	211	0.079	0.105	0.104	0.341	1,880
H18260-2** S2 2'	<10.0	45.0	<0.050	<0.050	<0.050	<0.300	1,340
H18260-3 S3 2'	<10.0	21.9	<0.050	<0.050	<0.050	<0.300	80
H18260-4 S4 2'	1,320	15,600	<0.050	<0.050	0.138	6.16	512
H18260-5 S5 2'	128	9,130	<0.050	<0.050	0.062	0.571	144
H18260-6 S6 2'	<10.0	725	<0.050	<0.050	<0.050	<0,300	128
Quality Control	504	486	0.049	0.054	0.054	0.155	490
True Value QC	500	500	0.050	0.050	0.050	0.150	500
% Recovery	101	97.2	98.0	108.0	108	103	98.0
Relative Percent Difference	0.3	2.9	<1.0	<1.0	<1.0	<1.0	2.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

Lab Director

09/22/09

^{*}Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

^{**}TPH Second surrogate out of historical limits due to matrix interference.

E AF	DINAL LABORATOR	IES
	101 East Mariand, Hobbs, NM	

	(575) 393-2326	Fax (575) 393-24	76											Paç	ge of	4		_
ompany Name:	3/K 0:	I and has				LL TO						ANA	LYSIS	REQ	UEST			╝
roject Manager	: Jacob M	relancon_			P.O. #:	1332												
	1 6. Pan	Her			Company:	31 K oil	and Gs		1			- 1				1		
ity: TL	and the second s	State: N.M.	Zip:	88240	Attn: Jaca	h Melan	CON											
hone #: 575	-631-8037	Fax #: 575	- 39.	5-2162	Address: /	OIE. Pa	ther					Ì						
oject #:	03	Project Owner:	Ja	ck Huff	City: Jul									l				
roject Name:	Bern 1	A # 2		<i>V</i> •	State: N.M	.Zip: 88	252					1						
roject Location					ک : Phone #													
ampler Name:	Joseph Me	lancon			Fax #: 575		2162										l	
COR LAB USE ONLY				MATRIX	PRESERV	SAMPLIN	IG .		1	1	'	1	İ			1		
			(C)OMP ERS	œ ~				X	N				İ					
Lab I.D.	Sample	N D	(C) RH	WATI		:	•	17		1				}	- 1			
Lab I.D.	Sample		BO	NDV SE	BASI BASI	-		M	\bowtie						-			
			(G)RAB	GROUND WASTEN SOIL OIL	OTHER: ACID/BASE ICE / COOL	DATE	TIME	1		1							1	
+18260-1	51	Q ^{pl}	G #	X	0 4 9 0	9.16.09		-								\top		_
-2	52	2'	a	×		9.16.09												
-3	53	2'	6	X	iii	9.16.09	2:15											
	54	2'	<u> </u>	×		9.16.09	2:29			4								
-5	<u> </u>	_Z'	4	X	<u> </u>	9.16.09		_	1	1						- -		
-6	<u> 56</u>	2'	8	X	1 :	9-16-09	2:45			<u>'</u>						-		~~~
					+ + - + - + - + - + - + - + - + - +				ļ									
** ** *************************						 		ļ	ļ									
				1 :	1 1 1	 		<u> </u>			 					++		
		d client's exclusive remedy for an							L	L	L	<u> </u>						
vico, in no event shell Ca	rdunal be liable for incidental or c	ther cause whatsoever shall be di onsequental damages, including	m@nout firm	lation, business interruptions	to zaol to ezu lo zaol,	profits incurred by ch	ent, its subsidia	nes,	ble									
ampler Relingu		Date		ved By:	n as based upon any of	^	Phone Re	sult:	U		No		hone #:					
1	1	19 16/09 Time:	1	1-1	IR.	#_	Fax Resu REMARK	S:			No	Add'l I						
Jack	him	Time:3:44	Pacal	10/14/	whi	<i>X</i>	0	/		رسح	Ma	:/	No	All	et	to		

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

* 5amples on ice Iccoting Prices had begun

CHECKED BY:

Sample Condition
Cool Intact

Yes Yes
No No

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

116

116.A. NOTIFICATION

Jack Huff Burn A #2

- (1) The Division shall be notified of any unauthorized release occurring during the drilling, producing, storing, disposing, injecting, transporting, servicing or processing of crude oil, natural gases, produced water, condensate or oil field waste including Regulated NORM, or other oil field related chemicals, contaminants or mixture thereof, in the State of New Mexico in accordance with the requirements of this Rule. [1-1-50...2-1-96; A, 3-15-97]
- (2) The Division shall be notified in accordance with this Rule with respect to any release from any facility of oil or other water contaminant, in such quantity as may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [3-15-97]
- 116.B. REPORTING REQUIREMENTS: Notification of the above releases shall be made by the person operating or controlling either the release or the location of the release in accordance with the following requirements: [5-22-73...2-1-96; A, 3-15-97]
 - (1) A Major Release shall be reported by giving both immediate verbal notice and timely written notice pursuant to Paragraphs C(1) and C(2) of this Rule. A Major Release is:
 - (a) an unauthorized release of a volume, excluding natural gases, in excess of 25 barrels;
 - (b) an unauthorized release of any volume which:

RECEIVED

(i) results in a fire;

SEP 23 2009

(ii) will reach a water course:

HOBBSOCD

- (iii) may with reasonable probability endanger public health; or
- (iv) results in substantial damage to property or the environment;
- (c) an unauthorized release of natural gases in excess of 500 mcf; or
- (d) a release of any volume which may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [3/15/97]
- (2) A **Minor Release** shall be reported by giving timely written notice pursuant to Paragraph C(2) of this Rule. A Minor Release is an unauthorized release of a volume, greater than 5 barrels but not more than 25 barrels; or greater than 50 mcf but less than 500 mcf of natural gases. [3-15-97]

116.C. CONTENTS OF NOTIFICATION

- (1) Immediate verbal notification required pursuant to Paragraph B shall be reported within twenty-four (24) hours of discovery to the Division District Office for the area within which the release takes place. In addition, immediate verbal notification pursuant to Subparagraph B.(1).(d). shall be reported to the Division's Environmental Bureau Chief. This notification shall provide the information required on Division Form C-141, [5-22-73, 2-1-96; A, 3-15-97]
- (2) Timely written notification is required to be reported pursuant to Paragraph B within fifteen (15) days to the Division District Office for the area within which the release takes place by completing and filing Division Form C-141. In addition, timely written notification required pursuant to Subparagraph B.(1).(d). shall also be reported to the Division's Environmental Bureau Chief within fifteen (15) days after the release is discovered. The written notification shall verify the prior verbal notification and provide any appropriate additions or corrections to the information contained in the prior verbal notification. [5-22-73...2-1-96; A, 3-15-97]
- 116.D. CORRECTIVE ACTION: The responsible person must complete Division approved corrective action for releases which endanger public health or the environment. Releases will be addressed in accordance with a remediation plan submitted to and approved by the Division or with an abatement plan submitted in accordance with Rule 19 (19 NMAC 15.A. 19). [3-15-97]



September 22, 2009

Jacob Melancon 3/K Oil and Gas 101 East Panther Jal, NM 88252 RECEIVED

SEP 2 3 2009 HOBBSOCD

Re: Bern A #2

Enclosed are the results of analyses for sample number H18260, received by the laboratory on 09/16/09 at 3:46 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021.

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though 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 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey D. Keene

Laboratory Director



ANALYTICAL RESULTS FOR 3/K OIL & GAS ATTN: JACOB MELANCON 101 E. PANTHER

JAL, NM 88252

FAX TO (575) 395-2162

Receiving Date: 09/16/09 Reporting Date: 09/22/09

Project Owner: JACK HUFT (#103)

Project Name: BERN A #2
Project Location: NOT GIVEN

Sampling Date: 09/16/09

Sample Type: SOIL

Sample Condition: INTACT @16.5 °C

Sample Received By: ML Analyzed By: AB/ZL/HM

GRO DI

DRO

(mg/kg)

(>C10-C28) BENZENE TOLUENE BENZENE XYLENES

ETHYL

S CI*

LAB NO. SAMPLE ID

 (C_6-C_{10}) (>C

(mg/kg)

(mg/kg) (r

(mg/kg)

(mg/kg) (mg/kg)

TOTAL

(mg/kg)

ANALYSIS DATE:	09/18/09	09/18/09	09/18/09	09/18/09	09/18/09	09/18/09	09/17/09
H18260-1** S1 8"	<10.0	211	0.079	0.105	0.104	0.341	/ 1,880
H18260-2** S2 2'	<10.0	45.0	<0.050	<0.050	<0.050	<0.300	(1,340
H18260-3 S3 2'	<10.0	21.9	<0.050	<0.050	<0.050	<0.300	80
H18260-4 S4 2'	1,320	15,600	<0.050	<0.050	0.138	6,16	/ 512
H18260-5 S5 2'	128	9,130	<0.050	<0.050	0.062	0.571	144
H18260-6 S6 2'	<10.0	725	<0.050	<0.050	<0.050	<0.300	128
Quality Control	504	486	0.049	0.054	0.054	0.155	490
True Value QC	500	500	0.050	0.050	0.050	0.150	500
% Recovery	101	97.2	98.0	108.0	108	103	98.0
Relative Percent Difference	0.3	2.9	<1.0	<1.0	<1.0	<1.0	2.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,

AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

Lab Director

09/22/09

^{*}Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

^{**}TPH Second surrogate out of historical limits due to matrix interference.

OF.	ARDINAL	LABO	ORAT	OF	RIFS
	404 55 004	Mariand	Habba	B + B A	00140

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476		Page of
Company Name: 3/K oil and Gas	BILL TO	ANALYSIS REQUEST
Project Manager: Jacob Melancon	P.O. #: /332	
Address: 101 6. Panther	Company: 3/16 oil and Gs	
City: J.L State: MM. Zip: 882		
Phone #: 575-631-8037 Fax #: 575-395-2	62 Address: 101 E. Parther	
	eff City: Jal	
Project #: 103 Project Owner: Jack # Project Name: Sern A # 2	State: N.W. Zip: 88252	
Project Location:	Phone #: 575-63 - 8037	
Sampler Name: Jucdo Melancon	Fax #: 575 - 395 - 2162	
Fap I.D. Samble I.D. (6) RABOR (C) OWP. # CONTAINERS GROUNDWATER WASTEWATER	ATRIX PRESERV. SAMPLING Columbia Columb	X28 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-

LEASE NOTE: Lincolly and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether	sed in contract or tort. Shall be limited to the amount paid by the client for	the
nalyses. All claims including those for negligence and any other cause whatspever shall be deemed waived unless m privice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, busine	is in writing and received by Cardinal within 30 days after completion of t	ne applicable
Time: Continue Co	er such claim is based upon any of the above stated reasons or otherwise. Phone Reference Fax Resu	sult:
Co	Intact (Initials) Ses Yes No No	cob @ 3K o: land gas. com

samples on ice Iccoling process had begun

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

	101 East Marland	, Hobbs, NM 8824	10									•	2 ,		ŧ	Page	of		
(575) 393-2326 Fax (575) 393-2476 mpany Name: 3/K oil and Gas						BILL TO				ANALYSIS REQUEST									
oject Manager: Jacob Melancon						P.O. #: /33 2										''	\neg	op	
dress: 101 6. Panther							Company: 3/16 oil and Gs												
y: J.l State: N. M. Zip: 88240							Attn: Jacob Melancon												
							Address: 101 E. Parther												
oject #: 103 Project Owner: Jack Huff							City: Jal								İ				
oject Name: Bern A # 2							State: N.W. Zip: 88252												
							Phone #: 575-63 - 8037								¦ '				
oject Location: mpler Name:	Fax #: 575 - 395 - 2162									ļ									
IR LAB USE ONLY	Ju colo Me	tavan	Т	П	MATRIX	μα	PRESERV.	SAMPLIN											
		and the second	d⊵		~		1 1	,			Ì								
İ	•		(C)OMF	RS	ER.	;	1												
_ab I.D.	Sample	1.D. ()	兴	AIN	WAT WAT		SE .								į '				
			(G)RAB	# CONTAINERS	GROUNDWAT WASTEWATEI SOIL OIL	ĘR.	ACID/BA ICE / CO OTHER								ĺ				
				(O 生	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	6	ACI OTH	DATE											
+18260-1	51	8 "	67	L				9.16.09										_	
-2	25	2'	B	_	×		1	9-16-09								-			
-3 -4 -5	<u>53</u>	2'	4	_	X		1 1	9.16.09					-		 				
	54	<u>2</u>	<u> </u>		X	<u>. </u>	<u> </u>	9.16.09					1						
	<u>55</u> 56	2'	1	\vdash	\		<u> </u>	9.16.09							 			-	
<u>-6</u>	36		h	╟	<u>-</u> ^-			11/01/01	4.73			_					_		_
			-	-	1 1		,											_	1
			+	-			 											-	
	······		1	1			, ,						 						
	Damages Cardinal's liability an those for negligence and any o																		
ce In no event shall Card	final be liable for incidental or c	onsequental damages includir	ig witho	ut lımıt	tation, business interruptions	, loss c	of use, or loss of p	rofits incurred by c	ient, its subsidiar	ies,									
ates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim impler Relinquished: Date: Received By:						Phone Re Fax Resu			sult: No Add'l Phone #:										
1	1	Time:		1	Int.		B,	θ	REMARKS	·						. ,			
linguished By:	him	Date:	Ŕ	ecei	ived By:		The same	1	PI		مح	Ma	i/	R	مع	ulto	10		
U		Time:			· U				//			. , ,	•						
Name and the second	(Cinala Cira)	inne.			Samuel 0 - 11	41	CUES	(ED D)/:		ı									İ
Delivered Bv:	(Circle One)		Te	mp.	Sample Condi Cool Intact	/		KED BY:	Ja	طاه	Ø	3K	0.1	lan	d g	as.	Com		
ampler - UPS -	· Bus - Other:				Yes Yes No No No	es Vo	M	XIS	_						•				

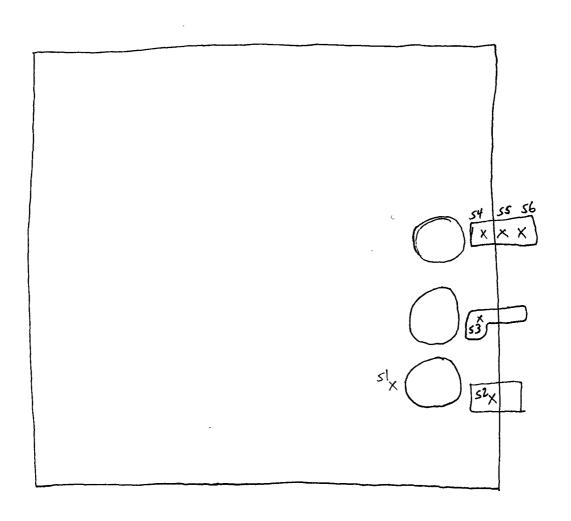
* * samples on ice Iccoting process had begun

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

3-K Oil & Gas Services, L.L.C. FIELD MEASUREMENT/OBSERVATION LOG P.O. Box 1332 Jal, NM 88252 COMPANY: Jack Huff PROJECT NUMBER: PROJECT NAME: (575)395-2654 Bern A #2 #103 PROJECT MANAGER: Juck Melancon Jacob Melancon DATE: FIELD TECHNICIAN: 9.16.2009 CHLORIDE ANALYSIS SAMPLE SAMPLE ID **COLLECTION TIME** PID ANALYSIS TIME PID READING (PPM) Titration SOIL DESCRIPTION DEPTH (FT) Tube mg/Kg Reading 8" white Caliebo 51 1:45 2 gms of soil 40 ml H2O 20 ≔ Brown latite caliche 52 1:56 2 gms of soil 40 ml H2O 20 ∞ 53 2 gms of soil 40 ml H2O 2:15 x 20 = 54 2:29 2 gms of soil 40 ml H2O x 20 = 55 2:39 2 gms of soil 40 ml H2O x 20 = 56 2:45 2 gms of soil 40 ml H2O 20 ≃ 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 == 2 gms of soil 40 ml H2O 20 ≈ 2 gms of soil 40 mi H2O 20 = 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 = 2 gms of soil 40 ml H2O 20 ₽ 2 gms of soil 40 ml H2O x 20 = 2 gms of soil 40 ml H2O 20 ≃ 2 gms of soil 40 ml H2O 20 ≈ PID CALIBRATION **WEATHER** Time Time Temp. Misc Fresh Air Span Gas Fresh Air Span Gas Time

Jack Huff Bern A#2 Sec. 14 T-195 R-36E

1



* Fook Samples from where OF Recommended * han Samples to lat for a full analysis