

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1207988

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15							
Name:	Spot Description:							
Address 1:	SecTwpS. R							
Address 2:	Feet from							
City: State: Zip:+	Feet from _ East / _ West Line of Section							
Contact Person:	Footages Calculated from Nearest Outside Section Corner:							
Phone: ()	□NE □NW □SE □SW							
CONTRACTOR: License #	GPS Location: Lat:, Long:							
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)							
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84							
Purchaser:	County:							
Designate Type of Completion:	Lease Name: Well #:							
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:							
□ Oil □ WSW □ SHOW □ Gas □ D&A □ ENHR □ SIGW □ OG □ GSW □ Temp. Abd. □ CM (Coal Bed Methane) □ Cathodic □ Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet							
Operator:	If Alternate II completion, cement circulated from:							
Well Name:	feet depth to:w/sx cmt.							
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:							
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:							
GSW Permit #:	Lease Name: License #:							
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec. Twp. S. R. East West County: Permit #:							

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Page Two



Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whethe with final cha	er shut-in pre art(s). Attach	essure reac n extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electr	ronic log
Drill Stem Tests Taker (Attach Additional		Yes	☐ No				on (Top), Depth ar		Sampl	
Samples Sent to Geo	logical Survey	Yes	□No		Nam	е		Тор	Datum	1
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
				RECORD	Ne					
	2	1				ermediate, product		T	I	
Purpose of String	Size Hole Drilled		Casing n O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of	Cement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing	Perforate									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	ip questions 2 ar	nd 3)	
Does the volume of the t							= :	p question 3)		
Was the hydraulic fractur	ring treatment information	on submitted to	the chemical	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ION RECORD Footage of Eac					cture, Shot, Cement			epth
	open,					,,				
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. F	Producing Met	hod: Pumpin	a	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio	Gra	avity
	1									
	ON OF GAS:		en Hole	METHOD OF			mmingled	PRODUCTION	ON INTERVAL:	ļ
Vented Solo	I Used on Lease bmit ACO-18.)		en noie _	Perf.	(Submit		mmingled mit ACO-4)			

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

June 24, 2014

Rachel Eisterhold Foundation Energy Management, LLC 16000 NORTH DALLAS PKWY, STE 875 DALLAS, TX 75248-6607

Re: ACO-1 API 15-023-21273-00-00 Raile SWD 1 NE/4 Sec.06-04S-41W Cheyenne County, Kansas

Dear Rachel Eisterhold:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 11/20/2010 and the ACO-1 was received on June 11, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS CONSERVATION DIVISION

DISPOSAL WELL PERMIT

		DISPUSAL WELL	PERMIT	
Oper. License !	# : 33190	Permit #: D-3	0726	•
Operator: Nobl	e Energy, Inc.	Well Name &	k No.: Raile SWD #1	
Address: 1625	Broadway, Ste. 220	DO Location: 36	11'FSL 430'FEL	
City: Denver		Sec. 6 TWP	IRGE 41 □ (E) ⊠ (W)	
State: Colorado	•	County: Chey	/enne	
Zip Code: 8020	12		Cherry Creek Niobrara Gas Area	ì
After reviewing permit for the in is subject to the The in The de The m The m	T4S-R42W. If the operator's appringection of produce specifications and jection formation epth of the permitt aximum authorize aximum authorize	lication for Disposal Well Permit d saltwater or other fluids approrequirements of this permit incluis known as the Cedar Hills. The dispersion interval is from 32 and injection rate is 2500 barrels and injection pressure is 600 PSI	t dated 10-14-2010, the Conserved by the Conservation Division ding any attachments or any attachments of the 3285', ☐(PF), ☒(OI of fluid per day.	ation Division grants and the permitted well ched amendments.
	ment ⊠ YES, ☐ g information is as t			<u>SACKS</u>
	SIZE	<u>SEAT</u> DEPTH	<u>INTERVAL</u> CEMENTED	CEMENT
Conductor	NONE"	DEL III	' to '	<u>USED</u>
Surface	9-5/8"	309'	0' to 309'	170
Intermediate	NONE"	•	' to '	
Production	7''	3250'	1290' to 3250'	315
Tubing	3-1/2"	3208'	' to	
	nenting: NONE' to d setting depth: T	o' ' ENSION set @ 3208'		
Well(s), Leases(Lease Operator SEE PAGE 2	s) and Facilities sup	pplying fluid for injection: Lease Name	Lease Des	cription
In addition to the subject to all of the Conservation	the provisions of k	conditions and requirements set K.A.R. 83-3-400 et seq. Injection	out above or on the attachment on authority cannot be transferred	t hereto, this permit is ad without approval of
Date of Approva	al: <u>1-27-2011</u>		Director, Underground Injectors Conservation Division	

HALLIBURTON

Summit Version: 7.20.130

Cementing Job Summary

						7	he l	Road to	Exc	celle:				Safety	/							
Sold To) #: 3	4524	2		Shi	ір То	#:	2822004	4		Quo	ote#	•	,			Sales	Ord	er #:	780	1199	1
Custon	ner: N	IOBI	E ENE	RGY	INC	E-BU	SIN	ESS			Cus	tom	er Re	ep: Mo	CLE	LLAND,	MIKE	:				
Well Na	ame:	Raile	SWD					We	11 #:	: 1						API/UW	// #:					
Field:				Ci	tv (S	AP):	UNI	KNOWN	i	Cou	nty/Pa	rish:	Che	venne			State	: Kar	nsas			
Job Pu	rnose	a· P	lug-Los							I				,							_	
Well Ty						00.		ob Type	. PI	ua-l	ost Circ	ulatio	on Se	ervice								
Sales F								rvc Sup							ME	U ID En	nn #:	100	534			
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Saturday, November 27, 2010 18:05:00

HALLIBURTON

Cementing Job Summary

					Rates			
Circulating		Mixing	g		Displacement		Avg. Job	
Cement Left In Pipe	Amou	unt Oft	Reason	Shoe Joint				
Frac Ring # 1 @	ID	Frac ring	3 # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID
The Informatio	n State	ed Herein	ls Cori		mer Representative Signa	ture		

Summit Version: 7.20.130 Saturday, November 27, 2010 18:05:00



Cementing Job Log

7801199

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #:	2822004	Quote #: Sales Order #: 780			
	ENERGY INC E-BUSIN	ESS	Customer Rep: McC	CLELLAND, MIKE		
Well Name: Raile		Well #: 1		API/UWI #:		
Field:	City (SAP): UN	NOWN Coun	ty/Parish: Cheyenne	State: Kansas		
Legal Description:						
Lat: N 0 deg. OR N	1 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR	E 0 deg. 0 min. 0 secs.		
Contractor:	R	kig/Platform Nan	ne/Num:			
Job Purpose: Plug	-Lost Circulation Service)		Ticket Amount:		
Well Type: Develor	oment Well	ob Type: Plug-L	ost Circulation Service			
Salas Barsoni IAC	ODE IESS	ryc Supanyjear	SALDIVAR IIIAN	MBILID Emp #: 100534		

Sales Person: JACOBS, JESS Activity Description	Date/Time	Cht	Rate bbl/ min	DIVAR, J Volu bi	ıme	Pres	sure	Comments
		#	******	Stage	Total	Tubing	Casing	
Arrive At Loc	11/27/2010 12:00							
Safety Huddle	11/27/2010 12:10							
Rig-Up Equipment	11/27/2010 12:15							
Safety Meeting	11/27/2010 13:45							
Test Lines	11/27/2010 13:56					2745. 0		
Pump Gel Pill	11/27/2010 13:57		2	10		70.0		LCM GEL PILL
Pump Spacer	11/27/2010 14:02		2	10		74.0		CALCIUM CHLORIDE WATER
Pump Water	11/27/2010 14:05		2	5		59.0		
Other	11/27/2010 14:08		2	10		83.0		SUPER FLUSH
Pump Water	11/27/2010 14:20		2	10		82.0		
Pump Spacer	11/27/2010 14:22		2	10		76.0		CALCIUM CHLORIDE WATER
Pump Displacement	11/27/2010 14:25		4	50		76.0		WATER
Shutdown	11/27/2010 14:35							PRESSURE DROPPED. RIG PULLED DRILL PIPE OUT OF HOLE.
Standby Orders	11/27/2010 14:36							STANDBY FOR AN HOUR. FOR SECOND JOB.
Safety Meeting	11/27/2010 16:30							
Pump Gel Pill	11/27/2010 16:50		1.5	10		6.0		LCM PILL

Sold To #: 345242 Ship To #:2822004 Quote #: Sales Order #:

SUMMIT Version: 7.20.130 Saturday, November 27, 2010 06:05:00



HALLBURTON

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl	Pressure psig		Comments		
		#		Stage	Total	Tubing	Casing			
Pump Spacer	11/27/2010 16:53		1.5	5		11.0		CALCIUM CHLORIDE WATER		
Pump Water	11/27/2010 16:57		1.5	5		20.0	9	WATER		
Other	11/27/2010 16:58		1.5	10		-5.0		SUPER FLUSH		
Pump Water	11/27/2010 17:10		1.5	5		20.0		WATER		
Pump Spacer	11/27/2010 17:12		1.5	10		21.0		CALCIUM CHLORIDE WATER		
Pump Water	11/27/2010 17:14		1.5	50		16.0		WATER DISPLACEMENT		
Shutdown	11/27/2010 17:30					-10.0		WELL WENT INTO VACUMM.		
Safety Huddle	11/27/2010 17:35									
Rig-Down Equipment	11/27/2010 17:40									
Job Complete	11/27/2010 18:00									

Sold To #: 345242

Ship To #:2822004

Quote #:

Sales Order #:

7801199

SUMMIT Version: 7.20.130

Saturday, November 27, 2010 06:05:00



1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonoil1@qwestoffice.net REF. INVOICE # 9409 LOCATION 5t. Flancis FOREMAN Randy Newton

TREATMENT REPORT

			,,,,	~ · · · · · · · · ·		0111					
11-20-10 Ra	ile so	WELL NAME	/	SEC	TION	TWP	RGE 41 W	cheve	UNTY	FORMATION	
CHARGE TO NOS/c					OWNER ,	Noble En	PIGY				
MAILING ADDRESS	37				OPERATOR		·				
CITY					CONTRACT	OR Excell	13 3				
STATE ZIP CODE		- N		-			5 m;			•	
TIME ARRIVED ON LOCATION	11:30	D.M.			TIME LEFT			· · · · · · · · · · · · · · · · · · ·			
		L DATA					PRESSURE I	IMITATIONS		· · · · · · · · · · · · · · · · · · ·	
HOLE SIZE 121/4	TUBING SIZE		PERFORATIONS				THEOR	ORETICAL INSTRUCTED			
TOTAL DEPTH 3/7	TUBING DEPTH		SH0TS/FT	-	SURFACE P	IPE ANNULUS LONG					
	TUBING WEIGHT		OPEN HOLE								
CASING SIZE 95/8	TUBING CONDITI	ON			TUBING						
CASING DEPTH 308	PBtD 20	56	TREATMENT VIA	·		TYPE OF TREATM	IENT	1	REATMENT	RATE	
CASING WEIGHT 36-11	PACKER DEPTH				[4]-SURFA	CE PIPE		BREAKDOWN E	ВРМ		
CASING CONDITION GOOD					[] PRODU	CTION CASING	4	INITIAL BPM			
<i>J</i> .	PRESSURI	E SUMMARY	•		[] SQEEZ	E CEMENT		FINAL BPM	14		
BREAKDOWN or CIRCULATING p	osi	AVERAGE	psi		[] ACID B	REAKDOWN		MINIMUM BPM			
FINAL DISPLACEMENT p	L DISPLACEMENT psi ISIP -psi-					TIMULATION-		MAXIMUM BPN	1		
ANNULUS p	IS psi 5 MIN SIP psi				[] ACID S			AVERAGE BPM			
MAXIMUM p	XIMUM psi 15 MIN SIP psi				[] MISC P						
MINIMUM psi NSTRUCTIONS PRIOR TO JOB MIRU Sm. CITC, M+P (eq of 4.78 gal perskill plants mix yield of 1)					I JOTHER	-			TE X PRESSURE		
NSTRUCTIONS PRIOR TO J	OB MIR	4.5m	. Circ . M	140		AS OF 13	3-1:16	0 15.2	Dergal	1 water	
Tea of 4.78 40	al perskl	13 bull	mix viell	01.1.1	3 cuft	persk Di	rop stun	disola	10 20	5 BHC	
water Shut	in 4.10	11 1	dans		- · · · · ·		1 / /		12 0.0		
Annalus . 3	131		.0773					······································			
75% exies	55 as	>01	TOM Thos	m 95	Nob	le Rea					
OB SUMMARY DESCRIPTION OF JOB EVEN	TS MI	RU	SM	CH		MID	Drop	Slua	Disp	place	
	1:00	Pm.	5m 3:2579.	7 '2	724.	3.70Am.	3:4	11 2.1.	5		
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46	2515 c	Purpay	to pit			· .		·			
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AUTHORÍZATION	N TO PROCEED)		TIT	LE				DATE	2.4	

1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonoil1@qwestoffice.net



SERVICE INVOICE

Nº 9411

		T country	·	· · ·								
WELL NO. AND I	SWD単/	COUNTY			STAT	: د ج		DATE // 2 (/)				
110,11		Chey	erne			`)		//- 28 - /O CONTRACTOR				
CHARGE TO	(°	WELL LO		4	(111.	E . 11	~			
100/c	Funday	SEC.	2	TWP.	<u> </u>	RANGE	7/6	Excell r.s	S COL	n E		
				DELIVERIES			,		301	,_		
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			(P N	in early P	Tug			SWI)				
PRICE REFERENCE	DESCRIP	TION			- /	QTY.	TS MEAS.	UNIT PRICE	AMO	UNT		
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	not paid within 30 days of invoice		TAX REFE						21160	1/10		
at a single month!	CHARGE will be made. Computed y rate of 1 1/2 % which is equal to an	41	1	V				SUB TOTAL	7490	100		
ANNUAL PERCEI	NTAGE RATE OF 18%.	Thu	of K.	You	•			TAX				
	"ТА	XES WILL	BE ADDEI	AT CORPO	ORATE	OFFICE"		·		 		
								TOTAL				
				a j	A.				<u> </u>			
					Mi	W	The state of the s	SUBJECT TO	CORRECTI	ION		

Customer or His Agent



1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143

E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 94/12

LOCATION St flan (1)

FOREMAN Randy Nowler

W			TRE	ATMEN	IT RE	PORT							
DATE /2-1-10 R a	ale so	WELL NAME		SEC	TION	TWP 45	RGE 4/W	che yeen	FORMATION				
CHARGE TO N 35/c /	Energy	1,44			OWNER	Noble	- -						
MAILING ADDRESS	7/	-			OPERATOR								
CITY					CONTRACTOR Excell 1, 3								
STATE ZIP CODE					DISTANCE	ETO LOCATION 65			· · · · · · · · · · · · · · · ·				
TIME ARRIVED ON LOCATION	4:15 A.	۸			TIME LEF	T LOCATION 9	ITAM,	· · · · · · · · · · · · · · · · · · ·					
7. /	WEL	L DATA	T		PRESSURE LIMITATIONS								
HOLE SIZE \$ 3/1/	TUBING SIZE		PERFORATIONS				THEOR	ETICAL	INSTRUCTED				
TOTAL DEPTH 3250	TUBING DEPTH		SHOTS/FT			PIPE ANNULUS LONG			·				
71/	TUBING WEIGHT		OPEN HOLE		STRING								
CASING SIZE 7"	TUBING CONDITI				TUBING	TVDE OF TDE IT							
CASING DEPTH 3268	Hay 32	30 .	TREATMENT VIA		f 10000	TYPE OF TREATM	IENT		TMENT RATE				
CASING WEIGHT 2 3 12	PACKER DEPTH				[] SURF/			BREAKDOWN BPM					
CASING CONDITION 50 • 1	PRESSURE SUMMARY					UCTION CASING		INITIAL BPM					
DDEAVDOWN or CIDCUI ATING I		AVERAGE		<u></u>		ZE CEMENT		FINAL BPM					
						BREAKDOWN		MINIMUM BPM					
	osi Osi	5 MIN SIP	psi	•	[] ACID	STIMULATION		MAXIMUM BPM					
	osi	15 MIN SIP	psi psi		[] MISC			AVERAGE BPM					
	psi				[] OTHE			HYD HHP = RATE X F	PRESSURE Y AO R				
12.01 321/sk 15/31 water W 127 bbs	1961 (4 5.6	Sallsk Plas	6 bble yel	dor 1,	4 9 0	0 11/13/53 0 156/5 5/4 7.	y Sha	Adown a	B+1, C + 14.5				
IOB SUMMARY DESCRIPTION OF JOB EVEN	ITS MT	Ru TAA.	Sm m Vi 45An,	nd 1-	last.	71 00An	M + 11 7: 401	-	, ,				
Dullace		- Lan	Mar		1	down		, 					
7:42		8:	32.		. 2	8:40							
7:47 10 60	8	07 80	180										
7:47 20 100	8.	47 90											
7:50 30 120		4/ 100											
7:53 40 /20	*	21 110											
7:56 50 120		· 28 176											
7.58 40 170		,					<u>.</u>						
	:	8:32 17	7000										
8 30 70 120													
Ton TA	Tu.												
AUTHORIZATIO	N TO PROCEE)		TIT	LE			DATE					

1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonoil1@qwestoffice.net



SERVICE INVOICE

Nº 9412

WELL NO. AND FARM		COUNTY	COUNTY STA		STATE	· · · · · · · · · · · · · · · · · · ·	DATE			
Raile SWD #1		1 .	i i		Ks.		12- /- /O CONTRACTOR			
		WELL LÓ	CATION		-					
Nobi	SEC.	SEC.		RANGE	41 W	Excell 13 CODE				
Noble Energy				DELIVERED	TO		LOCATION	COL	CODE	
				SHIPPED VI	ACTY	······································	1 Juna	COL	ΣĒ	
	·						2 St. Frage. 5			
TYPE AND PURPO					OF JOB		LOCATION	COL)Ε	
		- 1	, ,	1			WELL TYPE	cc	DDE	
			17/0d	netion	Pipe		5613			
PRICE REFERENCE	DESC	RIPTION			QTY.	MEAS.	UNIT PRICE	AMO	UNT	
	Pums Charge	•			1	ea	\$2000.00	2000	00	
	mile ace x 2 41a	des	650		1300	per no	3,00	390	00	
	mileace x 2 4/n 7" Anto Kill Hoat	shoe			1	Pa	435.00	4/35	1	
	7" Latch down;	sla q				Cont.	3/5.00	3/5	1	
	7" centralizers	<i>y</i>			5	وهر	6000	300	00	
	N-601.12	· ·			275 \$15	porsk	20.00	5500	00	
	Bb. like				40541	p.c.sk	20.00	800	00	
, <i>t</i>	10 by mud Flush	:				en	750,00	150	80	
	And the state of t									
	1	/								
	Rade Ship 1									
	AFE 131344						1			
	X V			·						
		/								
	TT								<u> </u>	
	100 May									
	and the second contracting a second contracting to the second contract	Total Weight	Mil			Ton Miles				
If this account is not paid within 30 days of invoice date a FINANCE CHARGE will be made. Computed						SUB TOTAL		9890	00	
at a single monthly rate of 11/2% which is equal to an ANNUAL PERCENTAGE RATE OF 18%.						•			ļ	
	i	TAVES MULT		AT COPPO	DATE OFFICE"		TAX		 	
		IAVES MILT	DC AUUEI	AI CORPO	RATE OFFICE"		70741			
							TOTAL		<u> </u>	
				11/11/11	A manufacture		SUBJECT TO	CORRECTI	ION	

Bison Oil Well Cementing, Inc. Representative