



west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

November 18, 2011

FINAL INSPECTION REPORT

New Well Permit Cancelled

TRIANA ENERGY, LLC,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-6700937, issued to TRIANA ENERGY, LLC, and listed below has been received in this office. The permit has been cancelled as of 11/4/2011.

James Martin Chief

Operator: TRIANA ENERGY, LLC
Operator's Well No: TRIANA NEW GAULEY 17

Farm Name: GRIMMETT, MARCELLA

API Well Number: 47-6700937

Date Issued: 11/03/2009

Date Cancelled: 11/04/2011

Promoting a healthy environment.

INSPECTORS PERMIT SUMMARY FORM

GPS YES[] NO[]

DA	ATE STARTED/LOCATION:		OPERATOR:	TRIANA ENERGY, LLC	<u> </u>
DRILLING COMMENCED:			FARM:	GRIMMETT, MARCEL	LA
TO	DATE: DEPTHS:		Well No:	TRIANA NEW GAULE	Y 17
WA	ATER DEPTHS:		COAL DEPTHS		
	UESTIONS FOR THIS REPORT ARE IN AC 12.1 AND 35CSR 4-16 AND THE GENERAL				ONS 35CSR
PC	DINTS ARE TO BE GIVEN UP TO MAXIM	MUM AS SHO	OWN BASED O	N PERFORMANCE.	
1.	DID OPERATOR GIVE PROPER NOTICE	E TO INSPECT	OR BEFORE TI	HE FOLLOWING:	
	A. CONSTRUCTION	YES[] N	NO [] (2_PTS)		(4_PTS)
	B. DRILLING	YES[] N	IO [] (2_PTS)		
2.	WAS THE TIMBER CUT, STACKED, AN BEFORE DIRT WORK STARTED?		ED FOR SEDIM NO [] (2_PTS		(4_PTS)
3.	ARE ALL LOCATION AND/OR ROAD BA	ANKS BEING	SLOPED? YES	[] NO [] (4_PTS)	(4_PTS)
4.	1 7 - 1 7 - 1	B)_(PTS)	B. CROSS DRA D. CREEK CRO F. BARRIERS	AINS (1)_(2)_(3)_(4 DSSINGS (1)_(2)_(3)_(P	(5)_(5)_(PTS) (PTS)
		POIN	TS AVAILABL	E FOR QUESTION 4:	(33_PTS)
5.	HAS TOP SOIL (IF ANY) BEEN STOCKE	D PILED?	YES[] N	NO [] (2_PTS)	(2_PTS)
6.	IS THE PIT PROPERLY INSTALLED AN	D MAINTAIN	ED?YES[] N	NO [] (9_PTS)	(9_PTS) ——
7.	RECLAMATION: A. ROADWAY . (1)_(2)_(3)_(PTS C. PITS (1)_(2)_(3)_(PTS E. TANK DIKES (1)_(2)_(3)_(PTS G. ADEQUATE SEEDING MATERIALS H. WAS SEED BED ADEQUATE	S) D. S) F. (1)_(2)_(3) (1)_(2)_(3)	_(PTS) _(PTS)	(1)_(2)_(3)_(PTS (1)_(2)_(3)_(PTS ED YES[] NO[S)
8.	WAS RECLAMATION COMPLETED WIT 6 MTHS OF TD 6_PTS ONLY; 4 MTHS	OF TD 12_PT			
7	RECE 6 POTAL MAXIMUM POSSIB		19 AVAILABLI	E FOR QUESTION 8:	(19_PTS)
	NOV 0		Ja	ECLAMATION SCORE	
	DATÈ RELEASED WV Depa Environment	al Protect	ion \bigcirc		i

CANCE!



west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Joe Manchin III, Governor Randy C. Huffman, Cabinet Secretary www.wvdep.org

November 03, 2009

WELL WORK PERMIT

New Well

This permit, API Well Number: 47-6700937, issued to TRIANA ENERGY, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin Chief

Operator's Well No: TRIANA NEW GAULEY 17

Farm Name: GRIMMETT, MARCELLA

API Well Number: 47-6700937

Permit Type: New Well Date Issued: 11/03/2009

Promoting a healthy environment.

Form: WW - 2B

67-00987

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

		67	, ,	<u>3/2</u>
1) Well Operator TRIANA ENERGY, LLC		Nicholas	Kentucky	
	Operator ID	County	District	Quad
2) Operator's Well Number: TRIANA NEW GA	ULEY #17	3)	Elevation:	2,363' GL
4) Well Type: (a) Oil ☐ or Gas ☒ (b) If Gas: Production ☒ / Un Deep ☐ / Shallow		ge 🗌		
5) Proposed Target Formation(s): Devonian Sh	hale			
6) Proposed Total Depth: 7,251 feet KB				
7) Approximate fresh water strata depths: 439'				
8) Approximate salt water depths: 2,279'				
9) Approximate coal seam depths: 436, 462, 6	33, 681			
10) Does land contain coal seams tributary to a	active mine? YES	3		
11) Describe proposed well work Drill, e-log well	and complete	(hydraulica	lly fracture) a	a vertical gas

12) <u>CASING AND TUBING PROGRAM</u>

TYPE SPECIFICATIONS				FOOTAGE	INTERVALS	CEMENT
	<u>Size</u>	<u>Grade</u>	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor	13-3/8"	LS	37.0	30'	30'	Grout
Fresh Water	9-5/8"	LS	32.30	1,080'	1,080'	CTS
Coal	9-3/6	LO	32.30	1,000	1,000	010
Intermediate	7"	LS	23.0	3,080'	3,080'	@ 980'
Production	4-1/2"	M-65	10.5	7,241'	7,241'	*300 ft. above shallowest completion objective
Tubing	2-3/8	J-55	4.6	Will be set 50 ft. above bottom of production confines		verbottom of
Liner				M	RE OF O	9000
* Will be determined offer legging well						

* Will be determined after logging well.

Packers:

Kind N/A

002387

Sizes: N/A

Depths Set:: N/A

10-14-09

MN Department of Fundamental Protection

1) Date:

October 13, 2009

2) Operator's Well Number

TRIANA NEW GAULEY #17

3) API Well No.: 47 - State

067

- <u>00937</u>

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Ow	ner(s) to be served: 5)	(a) Coal Opera	ator /
(a) Name	Marcella Grimmett	Name	White Buck Coal Company
Address	118 Nice Lane	/Address	P.O. Box 180
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Nettie, WV 26681	/	Leivasy, WV 26676
(h) Nama	Plum Creek Timberlands	(b) Coal Own	er(s) with Declaration
Address	,		WPP, LLC (NRP, LP)
Addicas	Lewisburg, WV 24901-4109	Address	5260 Irwin Road
		, , , , , , , , ,	Huntington, WV 25705
(c) Name		Name	
Address		Address	
	5 6	() 0 11	
	Dave Gilbert		ee with Declaration
Address	1727 Horsefork Road Wallback, WV 25285	Name	Green Valley Coal Company P.O. Box 190
	VValiback, VVV 20200	Address	Leivasy, WV 26676
Telephone	304-389-3705		
·	TO THE PERSONS NAM		
	e lease or leases or other continuing of	contract or contract	ts by which I hold the right to extract oil and gas
OR	information required by Chapter 22.	Article 6. Section 8	8(d) of the Code of West Virginia (see page 2)
I certify th	at as required under Chapter 22-6 o tion plat, and accompanying docume	of the <u>West Virgin</u>	ia Code I have served copies of this notice and
	ice (Affidavit attached)	nts pages i tilloug	in 5 on the above named parties by.
□ Certified Mail ((Postmarked postal receipt attached)		\wedge
□ Publication (N	otice of Publication attached)		(0 s)
I have rea	d and understand Chapter 22-6 and	35 CSR 4, and I	the terms and conditions of any permit and any manifest of any permit and any manifest of any permit of the conditions of the condit
issued under this	application.		Crow July
I certify u	nder penalty of law that I have perso rm and all attachments, and that has	nally exampled a	of those individuals immediately responsible for
obtaining the infor	mation, I believe that the information	is true, accur at e a	O' Complete (S
I am awar	e that there are significant penalties	for submitting fals	e into match, including the possibility of fine and
imprisonment 	OFFICIAL SEAL Well Operator	TRIANA ENERG	A LEVILLE
	E OF WEST VIRGINIA By:	Ray Prudnick, J	tan Toudings .
TOTAL PRO A	Ingela R. Lanning Its: anagement Services, LLC	Vice President,	Operations eet, East, Suite 400
	P.O. Box 6870 Add 1655 Proceedings of the control o		st Virginia 25301
My Commi	ssion Expires March 20, 2018 Telephone	(304) 380-0113	
Subscribed and	worn before me this 12th day of	Octobe	r 7019
Cubscribed and	ench		Notary Public
My Commission E	xpires	ah 70 20	DIR .

BOOK 67PC 368

MEMORANDUM OF OIL AND GAS LEASE

91

This Memorandum of Oil and Gas Lease made and entered into this <u>LST</u> day of <u>MAY</u>, 2000, by and between NEW GAULEY COAL CORPORATION (a West Virginia corporation), Post Office Box 2827, Huntington, WV 25727, herein called "Lessor", and J. W. KINZER, Post Office Box 155, Allen, KY 41601, herein called "Lessee".

WITNESSETH

WHEREAS, Lessor and Lessee have entered into an Oil and Gas Lease dated May 1, 2000, and wish to give notice to all parties of same.

NOW THEREFORE, be it known that under and by virtue of the terms, obligations and conditions of said Lease, Lessor, for good and valuable consideration, has granted, demised, leased and let unto Lessee, for oil and gas purposes only, certain properties, or interest in same, situate in Greenbrier and Nicholas Counties, West Virginia, and being more particularly shown on the map titled, "Exhibit A Map to Accompany Oil and Gas Lease between New Gauley Coal Corporation, Lessor and J. W. Kinzer, Lessee", which is attached hereto and made a part hereof.

Said oil and gas lease is for a primary term of one (1) year with the option of extending same for an additional period of time, but not beyond twelve (12) years, provided Lessee is in compliance with all terms, obligations, and conditions of same.

The leased premises has been leased to Lessee upon certain terms, obligations and conditions more fully set forth in said oil and gas lease and which certain terms, obligations and conditions are hereby incorporated by reference as if completely set forth herein.

In witness whereof, this Memorandum of Oil and Gas Lease has been duly executed by Lessor and Lessee as of the day and year first above written.

LESSOR:

GAULEY COAL CORPORATION,

West Virginia corporation

By: Wet (

Its: Prosiders

LESSEE:

J. W. KINZER

By . M. tinger

JW KINSEY DIMINGOD POBA 155 WILN KY 41601-0155 Operator's Well Number TRIANA NEW GAULEY #17

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	itee, lessee, etc. Royalty		
New Gauley Coal Corporation	J.W. Kinzer	1/8	Unrecorded	

Well Operator:

TRIANA ENERGY, LLC

By: Its:

Vice ₱resident of Operatiøns

Well No. Triana New Gauley #17

West Virginia Department of Environmental Protection Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

X Contractor Name	REIC Labs	
Well operator's pri	vate laboratory	
Mall One actor	Triana Francis II C	
Well Operator	Triana Energy, LLC	
Address	900 Virginia Street, East – Suite 400	ENE Gas
	Charleston, WV 25301	RECON MB
Telephone	304-380-0100	Office 1 p rounds tion
		AUG 46CH

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and reducested sampling and analyses. If there were no requests made, indicate by underling which we you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

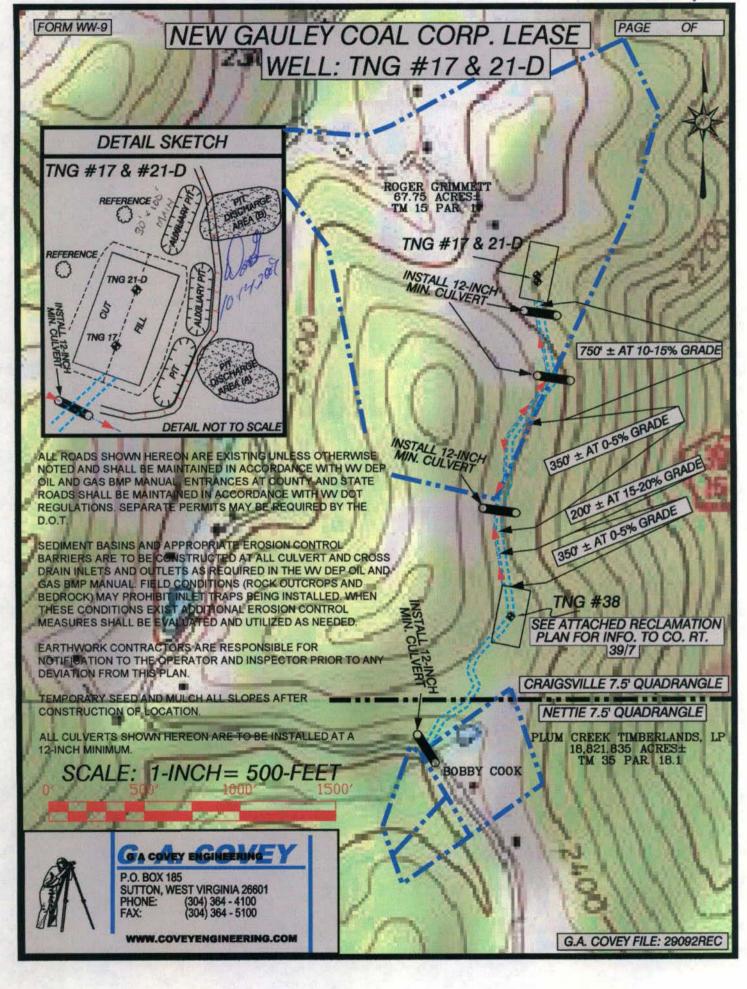
^{*}none within 1,000'*

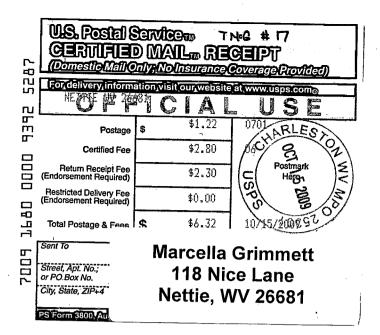
STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

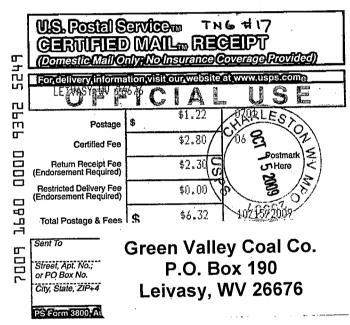
Operator Name	eTriana Energy		III FOR OIL AND GAS			
Watershed	Panther Creek o	f Gauley River	Quadrangle	Craigsv	ille	
Elevation	2,363'	County	Nicholas	_ District	Kentucky	
Description of	anticipated Pit Waste	:Drill Water,	Frac Blow Back, & Vario	us Formation (Cuttings	
Will a syntheti	c liner be used in the	pit? _YYes, if im	pervious material is not ava	ilable on site	·	
	Reuse Off Site	oplication round Injection (U (at API Number Dispposal (Supply Explain Be Used:	IC Permit Number form WW-9 for disposal loX Swabbing Plugging	ocation)		<u></u>
	Other (Explain	r negging			
enforceable by action. I cer all attachment information is of fine or impr Company Offi	tify under penalty of is thereto and that, bas true, accurate, and co isonment.	any term or condition and that I have personated on my inquiry of the management of	on of the general permit and and am far of those individuals immedie that there are significant p	nd/or other appl miliar with the in ately responsibl	licable law or regulatinformation submitted le for obtaining the in	provisions of the permit are ion can lead to enforcement on this application form and formation, I believe that the ion, including the possibility
Company Offi	cial TitleVic		perations		ME CO	<u>=</u>
Subscribed and	d sworn before me thi	12th da	h 20, 2018	, 20_ (, Notory P	Office of Orly of the Office of Orly of Or	St. Rent de cité l'ille le le le l'ille le l'ille l
, commission	expires		OFFICIAL SEAL STATE OF WEST VIRGINIA STATE OF WEST VIRGINIA Angela R. Lanning Triana Management Services, P.O. Box 6870 Charleston, WV 25362 My Commission Expires March 2	LLC E		

Property Boundary		Diversion W.	
Rond = = = =		Spring -	
*	< x x	Wet Spot	
Planned Fence	/_/_/_	Drain Pipe with size in inches	<u> </u>
Stream		Waterway C	\Leftrightarrow
	··>		
Rock ESESSE		Artificial Filter Strip XXX	*****
North N		Pit: cut walls	
Buildings	_	Pit: compacted fill walls	7
Water wells	D	Area for Land Application of	Pit Waste
Drill site		<u> </u>	
Proposed Revegetation Treat	ment: Acres Disturbed +/-	2.75 Prevegetation pH	
	Tons/acre or to correct to pH		
Fertilizer (10-20-20	O or equivalent)1/3 Ton	lbs/acre (500 lbs minimum)	
MulchHa	ny @ 2T	Tons/acre	
		Seed Mixtures	
A	Area I	Ar	rea II
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rve	15		
rumaan reje			
Attach: Drawing(s) of road location	pit and proposed area for land applic	cation.	
			Tonarrier de l'accion
Photocopied section of invol-	ved 7.5 topographic sneet.	AECK.	16 2019 (10 16 16 16 16 16 16 16 16 16 16 16 16 16
	A SPM 4	- Mice -	A p r serion
Plan Approved by:	will the	100	, Robert Profe
Comments:	~		WYCOLITECTION
		1	Third the state of
	0 1 1	^	-
Title: () tul	Mypenten	Date: 10-14-2009	7
Field Reviewed?	(Lives () No	

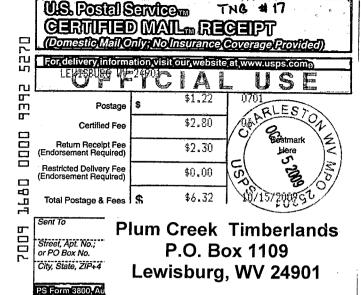
LEGEND

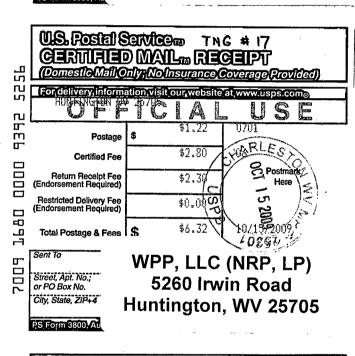














US Postal Service TNG # 17

Sent To

Street, Apt. No.;
or PO Box No.
City, State, ZIP+4

PS Form 3800. At

0

White Buck Coal Co. P.O. Box 180 Leivasy, WV 26676 Chief, Office of Oil and Gas

I will not sign a waiver of any

Kind concerning my Land. I will

not give a Voluntary Statement either.

I fear I will need my tember

in the future,

Marcella Inez Grimmett 118 Vice Lane

Nettie, WV 2668/

304 846-4433

RECEIVED

Office of Oil & Gas

NOV 0 2 2009

WV Department of

Environmental Protection

Clouds Operator:	ville		
Operator:	TRIANA ENER	RGY, LLC	
API:	6700937	_	
WELL No:	TRIANA NEW	GAULEY 17	
Reviewed by:	<u>La</u>	Date: _	10-25-09
15 Day End o	f Comment:	11/3	_

CHECKLIST FOR FILING A PERMIT

New Well

□ □ ww-2B
Inspector signature on WW-2B
WW-2A (Notarized)
Certified Mail Receipts, Waivers, or Affidavits of Personal Service
Surface Owner Waiver
Coal Owner / Lessee /Operator Waiver
WW-2A-1 (Signed) Showing Book/Page Number and Royalty Percentage
WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
WW-9 (Page 1 & 2) (Notarized)
Inspector Signature on WW-9
Reclamation plan
Topographic Map of location of well
Mylar Plat (Signed and Sealed) (Surface owner on plat matches WW-2A)
Bond
Company is Registered with the SOS
Worker's Compensation / Unemployment Insurance account is OK
\$650.00 check (\$550.00 if no pit)