



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: 47-6700916, 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: NEW GAULEY 8

Farm Name: PLUM CREEK TIMBERLANDS

API Well Number: 47-6700916

Date Issued: 11/10/2008

Date Cancelled: 11/04/2011

Promoting a healthy environment.

INSPECTORS PERMIT SUMMARY FORM

Urban

GPS YES[] NO[]

DA	ATE STARTED/LOCATION:		OPERATOR:	TRIANA ENERGY, LLC	<u> </u>
DRILLING COMMENCED:			FARM:	PLUM CREEK TIMBER	LANDS
ТО	DATE: DEPTHS:		Well No:	NEW GAULEY 8	
WA	ATER DEPTHS:		COAL DEPTH	S	
	JESTIONS FOR THIS REPORT ARE IN AC 12.1 AND 35CSR 4-16 AND THE GENERA				NS 35CSR
PC	DINTS ARE TO BE GIVEN UP TO MAXI	IMUM AS SHO	OWN BASED (ON PERFORMANCE.	
1.	DID OPERATOR GIVE PROPER NOTIC	E TO INSPECT	OR BEFORE T	THE FOLLOWING:	
	A. CONSTRUCTION	YES[] N	NO [] (2_PTS	5)	(4_PTS)
	B. DRILLING	YES[] N	O[] (2_PTS	5)	
2.	WAS THE TIMBER CUT, STACKED, AND BEFORE DIRT WORK STARTED?	ND BRUSH US YES [] 1			(4_PTS)
3.	ARE ALL LOCATION AND/OR ROAD E	BANKS BEING	SLOPED? YES	S[] NO[] (4_PTS)	(4_PTS)
4.		(4)_(PTS)	B. CROSS DR D. CREEK CR F. BARRIERS	AINS (1)_(2)_(3)_(4) COSSINGS (1)_(2)_(3)_(P)_(5)_(PTS) TS)
		POIN	TS AVAILAB	LE FOR QUESTION 4:	(33_PTS)
5.	HAS TOP SOIL (IF ANY) BEEN STOCK	ED PILED?	YES[]	NO[] (2_PTS)	(2_PTS)
6.	IS THE PIT PROPERLY INSTALLED AN	ND MAINTAIN	ED?YES[]	NO [] (9_PTS)	(9_PTS) ——
7.	RECLAMATION:				
	A. ROADWAY (1)_(2)_(3)_(PT	rs) B.	LOCATION	(1)_(2)_(3)_(PTS	5)
	C. PITS (1)_(2)_(3)_(PT	S) D.	PIPELINES	(1)_(2)_(3)_(PTS	5)
	E. TANK DIKES (1)_(2)_(3)_(PT	S) F.	API INSTALI	LED YES[] NO[] (3_PTS)
	G. ADEQUATE SEEDING MATERIALS	S (1)_(2)_(3)	_(PTS)		
	H. WAS SEED BED ADEQUATE	(1)_(2)_(3)	_(PTS)		
		POINT	ΓS AVAILABL	LE FOR QUESTION 7:	(24_PTS)
8.	WAS RECLAMATION COMPLETED WI 6 MTHS OF TD 6_PTS ONLY; 4 MTHS R Office TOTAL MAXIMUM POSSIBLE SCORE	FOF TD 12 PTS RECEIVED e of Oil & C	ES AVAILARI	THS OF TD 19_PTS ONLY	Υ΄; (19_PTS)
		OV 04 2011	TOTALI	RECLAMATION SCORE	<u> </u>
	11/4/1(WVI	Departmer	nt of	TO DISCOUNT OF THE PARTY OF THE)
	DATE RELEASED Environ	mental Pro	otection /	SPECTOR'S SIGNATURE	

record inspections to this well on page 2

mice (- Never Built



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 10, 2008

WELL WORK PERMIT

New Well

This permit, API Well Number: 47-6700916, 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: NEW GAULEY 8

Farm Name: PLUM CREEK TIMBERLANDS

API Well Number: 47-6700916 Permit Type: New Well

Date Issued: 11/10/2008

Promoting a healthy environment.

67.00916

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

	WELL WORK I	<u> PERMII APPLIC</u>	<u>JATION</u>			
			67	5	50	6_
1) Well Operator	TRIANA ENERGY, LLC		Nicholas	Kentucky	Nettie	
		Operator ID	County	District	Quad	
				, K		
2) Operator's Wel	I Number: TRIANA NEW GA	VULEY #8	3)	Elevation:	2,231'	

4) Well Type: (a) Oil ☐ or Gas ☒

(b) If Gas:

Deep ☐ / Shallow 🛛

5) Proposed Target Formation(s): Devonian Shale

6) Proposed Total Depth: 7.032 feet

7) Approximate fresh water strata depths: 202,

8) Approximate salt water depths: N/A

9) Approximate coal seam depths: 134, 199, 225, 396, 444, 959, 1014, 1079, 1114, 1135

10) Does land contain coal seams tributary to active mine? YES

Drill, e-log and complete (hydraulically fracture) a v 11) Describe proposed well work Huyw Milas

well..

CASING AND TUBING PROGRAM 12)

CEMENT TYPE SPECIFICATIONS FOOTAGE INTERVALS Size Grade 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" CTS LS 26.0 1,186 1,186 Coal 7" LS 20.0 2,136 2,136 @ 1,000' Intermediate *300 ft. above shallowest **Production** 4-1/2" M-65 10.5 7,022 7,022 completion objective Will be set 50 ft. above pettor of production casing oil a **Tubing** 2-3/8" J-55 4.6 OCT 5 3 5008

Packers:

Kind N/A

ck001786

Sizes: N/A

Depths Set:: N/A

650

Liner

MN Debartment of Environmental Protection

Will be determined after logging well.

WW-2A Notice & Application Revised 8/02

1) Date:

October 20, 2008

2) Operator's Well Number

TRIANA NEW GAULEY #8

3) API Well No.: 47 -

067

00916

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

	Piner(s) to be served: 5 Plum Creek Timberlands P.O. Box 1109 Lewisburg, WV 24901-4109) (a) Coal Oper Name Address	ator White Buck Coal Company \(\) P.O. Box 190 Leivasy, WV 26676
(b) Name Address		Name	er(s) with Declaration WPP, LLC ~ P.O. Box 2827 Huntington, WV 25727
(c) Name Address		Name Address	
6) Inspector Address	Terry Urban P.O. Box 1207 Clendenin, WV 25045	(c) Coal Less Name Address	ee with Declaration Green Valley Coal Company P.O. Box 190 Leivasy, WV 26676
•	304-549-5815 TO THE PERSONS NAM elease or leases or other continuing c		AKE NOTICE THAT: s by which I hold the right to extract oil and gas
OR Included is the	e information required by Chapter 22,	Article 6, Section 8	8(d) of the Code of West Virginia (see page 2)
application, a loca	tion plat, and accompanying documer	nts pages 1 throug	agree to the terms cand conditions of any permit and am familiar with the informations of mitted on
I have rea	d and understand Chapter 22-6 and application.	35 CSR 4, and I	agree to the terms cand conditions of any permit
obtaining the infor	mation, I believe that the information in the transition is that there are significant penalties.	sea on my mauny	of those individuals influediated techniciple for
Imprisonment. Initiality of STATE (NO An Triana Ma	FICIAL SEAL F WEST VIRGINIA By: Its: Address Address Reston, WV 25362 Reston, WV 25362	TRIANA ENERG Ray Prudnick, J Vice President, 900 Virginia Stre	Y. HC Ray Purdinch
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	vorn before me this 2013 day of	Octobe	
My Commission E	xpires March 20,	2018	Notary Public
DEP Permit TNG	#8.doc		Page 1 of 7

MEMORANDUM OF OIL AND GAS LEASE

91

This Memorandum of Oil and Gas Lease made and entered into this <u>IST</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.

12 52 PH '00	LESSOR:	NEW GAULEY COAL CORPORATION, a West Virginia corporation By: Attended Its: Procedure Procedure
Jul 19	<u>LESSEE</u> :	J. W. KINZER By . W. Linger

STATE OF west viro	GINIA						
COUNTY OFCABE	LL	, SS:					
The foregoing	nstrument was	acknowledge	i before	me this	1ST	day	oſ
<u>MAY</u> , 2000,	by Nick Carter,	President of NE	W GAULE	Y COAL (CORPOR	ATION	V, a
West Virginia corporation	,	·					
My commission ex		OVEMBER 1, 2	008	<u>. </u>			
(SEAL) TO DESCRIPTION OF THE CANAL STATE OF THE CAN		College () Nota	ry Public	aij_			
STATE OF KENTUR	ky						
COUNTY OF FLOY	<i>o</i>	, SS:					
I, HENRY O.	YACKWORTH	, a Notary	Public in a	and for the	State an	d Cour	nty
aforesaid, do certify that _							
dated /sr day of Ma	<u>v</u> , 2000,	for J. W. KIN	ZER, has t	his day, in	n my said	l Coun	ty,
before me, acknowledged th							
Given under my	hand and	notarial seal	this	155	-	day	of
JUNG.	2000.	O. A. Notary	Public				
My Commission exp	oires	-20-200	/	*			
(SEAL)		Participate of the second of t	County Economic Streets and thereto a	eminission Line Wes Dereupon	Office/ his day togethe	L ANTEN	THE
	800K 67	t 369	Testa			PAIN	7

Operator's Well Number TRIANA NEW GAULEY #8

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.	Royalty	Book/Page	
New Gauley Coal Corporation	J.W. Kinzer	1/8	Unrecorded	

Office of Oil & Gas
Office of Oil & 3 2008
OCT 2 3 2008

WW Department of the chion
Environmental Protection

Well Operator: IRIANA ENERGY, LLC

By: Its:

Vice President of Operations

Well No. Triana New Gauley #8

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	Smith Land Surveyi	ing – Environmental Division
Well operator's pri	vate laboratory	and the same of th
Well Operator	Triana Energy, LLC	CEVED GOS
Address	900 Virginia Street, East – Suite 400	RESOLUTION AND AND AND AND AND AND AND AND AND AN
	Charleston, WV 25301	Office T & ment oction
Telephone	304-380-0100	OC Debath Project

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 requested sampling and analyses. If there were no requests made, indicate by underling which one 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.

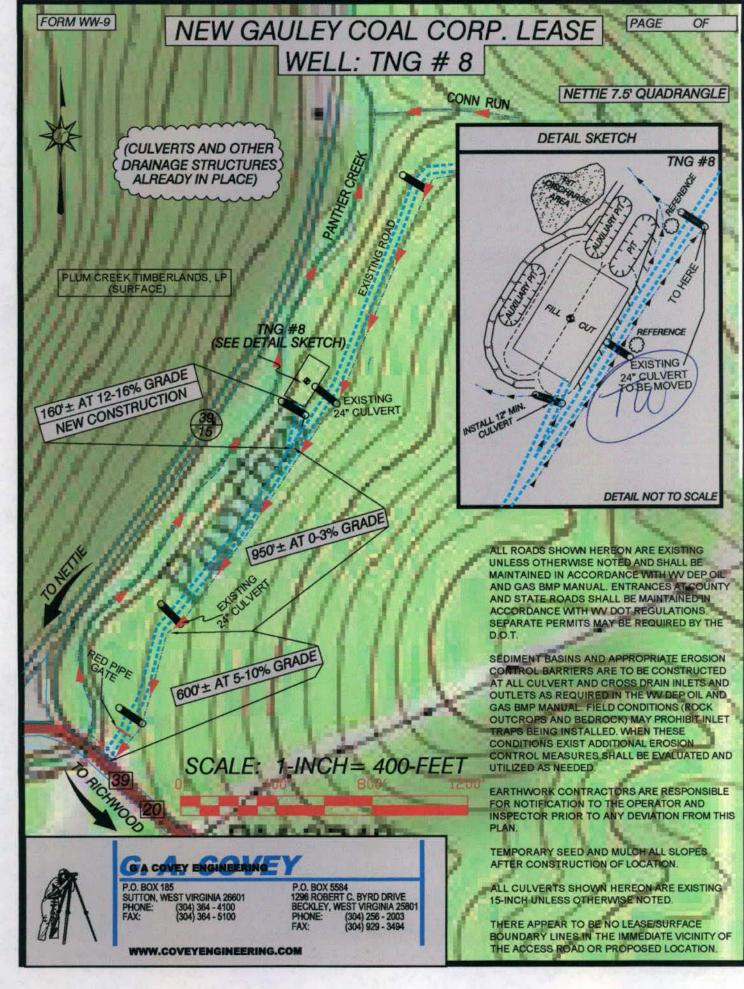
^{*}none within 1,000'*

	Page	of	
API Number 47 -	٥١٥	10091	U.
Operator's Well No			

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 Nan	neTriana Ener	gy, LLC		OP Code		_
Watershed	Panther Creek	of the Gauley River_	Quadra	ingleNettie_		_
Elevation	2,231'	County	Nicholas	District	Kentucky	_
Description o	f anticipated Pit W	aste:Drill Water	, Frac Blow Back, & V	arious Formation Cut	tings	_
Will a synthe	tic liner be used in	the pit?Yes, if in	npervious material is n	ot available on site	·	
Proposed Dis	_X_ Land Und Red Off	ise (at API Number Site Dispposal (Supp		osal location)		_
Proposed Wo	rk For Which Pit V			ng		_
31, 1999, by enforceable baction. I ce all attachmen information is of fine or imp Company Off Company Off	the Office of Oil and y law. Violations of Violatical TitleViolations of Violatical TitleViolatical TitleViolatical TitleViolatical Violatical Violatica	nd Gas of the West Vistor of any term or conditions of law that I have per based on my inquiry discomplete. I am awa e) Ray Prudice President of	rginia Division of Envition of the general personally examined and of those individuals in the that there are significantly and the second of the second of those individuals in the second of the sec	armit and/or other app am familiar with the inmediately responsib cant penalties for sub	TER POLLUTION PERM I understand that the pro- licable law or regulation nformation submitted on the for obtaining the information, mitting false information,	ovisions of the permit are can lead to enforcement this application form and mation, I believe that the including the possibility
Subscribed ar	on expires	TH	OFFICIAL SEAL STATE OF WEST VIRGINI NOTARY PUBLIC Angela R. Lamning and Management Services, P.O. Box 6870 Charleston, WV 25362 commission Expires March 20	Notory P		JE JOB Bent of the Protection

		LEGEND					
Property Boundary		Diversion Language					
Road = = = =	. = = = = = =	Spring					
Existing Fence — X	< × ×	Wet Spot					
Planned Fence / / /		Drain Pipe with size in inches	Drain Pipe with size in inches (2				
Stream Change		Waterway	\Leftrightarrow				
	·· →	Cross Drain					
Rock ESEE	→	Artificial Filter Strip	****				
North N	•	Pit: cut walls					
Buildings	~	Pit: compacted fill walls	7				
Water wells	り	Area for Land Application of	Pit Waste				
Drill site		<u> </u>					
		_					
Proposed Revegetation Treati	ment: Acres Disturbed+/- 2.7	75 Prevegetation pH					
Lime3	Tons/acre or to correct to pH _	6.5					
Fertilizer (10-20-20	or equivalent)l/3 Tonlbs	s/acre (500 lbs minimum)					
		•					
MulcnHa	y @ 2Ton	is/acre					
•	:	Seed Mixtures					
	Area I		ea II				
Seed Type	lbs/acre	Seed Type	lbs/acre				
KY-31	40	Orchard Grass	15				
Alsike Clover	5	Alsike Clover	5				
Annual Rye	15						
Attach: Drawing(s) of road, location, Photocopied section of involv	pit and proposed area for land applicatived 7.5' topographic sheet.	ion.					
Plan Approved by:	yw llelan		OCT 2 3 2008				
Comments:	/ 		24/08 o, J. 3 Jing 1				
	N Left		OCI Chartment or otection				
1stone 0	DD 5605 ,	Date: 101408	Office of On 3 2008 Office of On 3 2008 WW Departmental Protection Environmental Protection				
Title:		Jale: / C / C U					
Field Reviewed?	() Yes () No					



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PS Form 3800, Aug



U.S. Postal Service™ CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) Postage Certified Fee ORostmark i Return Receipt Fee (Endorsement Required) \$2.20 IJ_{Hele} Restricted Delivery Fee (Endorsement Required) \$0.00 \$6.07 10/20/2008 Total Postage & Fees \$ Plum Creek Timberlands Street, Apt. No.: P.O. Box 1109 or PO Box No. City, State, ZIP+4 Lewisburg, WV 24901

U.S. Postal Service™ CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) 耍 1279 Postage Certified Fee 301 m Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) 20 \$4.07 10/20 d Total Postage & Fer Green Valley Coal Co. Sent To Street, Apt. No.; P.O. Box 190 or PO Box No. Leivasy, WV 26676 City, State, ZIP+4 PS Form 3800, Aug



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

PS Form 3800, Aug

WPP, LLC P.O. Box 2827 Huntington, WV 25727



note	
Opera	tor: TRIANA ENERGY, LLC
API:	6700916
WELL	L No: NEW GAULEY 8
Reviev	wed by:
15 Day	y End of Comment:
	CHECKLIST FOR FILING A PERMIT
	New Well North
	New Well Vope of lease agreement
\sum	Inspector signature on WW-2B
	WW-2A (Notarized)
\triangleright	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
	Coal Owner / Lessee /Operator Waiver
*	WW-2A-1 (Signed) Showing Book/Page Number and Royalty Percentage
<i>/</i> · _	WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
	WW-9 (Page 1 & 2) (Notarized)
\triangleright	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
X	\$650.00 check (\$550.00 if no pit)