

### 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

April 24, 2015

# WELL WORK PERMIT

### Re-Work

This permit, API Well Number: 47-3902733, issued to SHALE GAS PRODUCTION, 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 completion of permitted well work, 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

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: 1

Farm Name: BAILEY, C. E.

API Well Number: 47-3902733

Permit Type: Re-Work

Date Issued: 04/24/2015

### **PERMIT CONDITIONS**

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

### **CONDITIONS**

- 1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
- 3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
- 4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 5. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours
- 7. Well work activities shall not constitute a hazard to the safety of persons.
- 8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

WW - 2B (Rev. 8/10)

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

1) Well Operato	r: Shale	Gas Pro	duction, LLC	494508232	Kanawha	Union	Pocatalico
				Operator ID	County	District	Quadrangle
2) Operator's W	ell Numb	er:CE B	ailey #1		3) Elevation:	740	K# 9773
4) Well Type: (a	ı) Oil	or Ga	s <u>x</u>			C	C# 50°
(b	) If Gas:	Produ	ction × / Und	lerground Sto	rage	_	\$00
		Deep	/ S	hallow <u>×</u>			
<ul><li>6) Proposed To</li><li>7) Approximate</li></ul>	5) Proposed Target Formation(s): Brown Shale Proposed Target Depth: 4033 6) Proposed Total Depth: 4033 Feet Formation at Proposed Total Depth: Brown Shale 7) Approximate fresh water strata depths: Existing well-See attached 8) Approximate salt water depths: Existing well-See attached						
9) Approximate	coal sea	m depths	s: Existing well				-
10) Approximat	e void de	pths,(coa	al, Karst, other):	Existing well			
11) Does land o	contain co	al seam	s tributary to act	ive mine? N	one known		
12) Describe pro	posed we	ll work ar	nd fracturing meth	ods in detail (a	ttach additiona		eeded)
Remove existing			. 875				
casing. Nitrogen ga	as frac. Ori	ginal well	drilled & shot in 197	6. Has existing	9 5/8" and 7" ca	sing. (See atta	
Menullik							
13) CASING AND TUBING PROGRAM / 17-10-34							
TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT							
	<u>Size</u>	<u>Grade</u>	Weight per ft	For Drilling	Left in Well	Fill -up (C	<u>u. Ft.)</u>
Conductor							
Fresh Water	9 5/8	H-40	32#	570	Existing	СТ	S
Coal							
Intermediate	7"	K-55	20#	2378	Existing	200 c	u. ft.
Production	4.5"			4033	New	120	
Tubing	2 3/8"			4033	Existing	rece	ived
Liners						MAR 12	2015
Packers: Kind	l:						
Size					WV	Office of Oil Dept. of Environr	and Gas mental Protection
Бер	ths Set _					1910	



# STATE OF WEST VIRGINIA

### **DEPARTMENT OF MINES**

## Oil and Gas Division

### Oil\_\_ WELL RECORD Gas\_\_\_\_ Cable\_ Quadrangle Charleston, N. W. Recycling Comb.\_\_ Water Flood\_\_\_ Storage\_\_\_ Permit No. Kan-2733 Disposal\_\_ (Kind) Company Ajax Pipe Line Campany Used in Left Casing and Cement fill up P.O. Bex 6190 Caarleston W. Va in Well **Tubing** Drilling Cu. ft. (Sks.) Farm C.E. Bailey et al Acres 38 8/160 Location (waters) Lime Stone Branch Size Well No. \_\_\_\_\_1 \_\_ Elev. 71() 20-16 District Union County Kanawaa Cond. 13-10" The surface of tract is owned in fee by\_\_\_ 9 5/8 32# 570 570 Surface C.E. Bailey et al Address 940 6th Ave Charleston W.Va 8 5/8 7 20# Mineral rights are owned by \_\_\_\_\_ ame\_ 2378 2378 5 1/2 \_ Address\_ 4 1/2 Drilling Commenced Februrary 2/16/76 3/5 /76 Drilling Completed.\_\_\_ Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls. 4033 Liners Used Final production 55,000 cu. ft. per day \_\_\_ Well open \_\_\_\_\_hrs. before test 475# RP. Well treatment details: Attach copy of cementing record. Sect 967! With 6,666# 80% Gell 12.1 Inches Coal was encountered at \_\_\_\_\_ 185 1278 Fresh water 9h Salt Water .... \_Feet \_\_ Producing Sand Brown Shale Depth \_ 4.000° Oil, Gas or Water \* Remarks **Formation** Color Hard or Soft Top Feet **Bottom Feet** Top Soil 15 35 90 0 Slate 15 Red Rock 35 Sand 90 100 Fresh Water Received Slate, Gray 100 400 Ceal 1851 400 Sa nd 650 Sand, Slate. 650 810 Slate 810 1040 MAR 1 2 2015 Salt Sand 1040 1405 7as 1050 Sa nd Slate 11:05 1600 Big Lime Big Injun Slate, San 1600 1760 Office of Oil and Gas WV Dept. of Environmental Protection 1795 1760 1785 Sand 2220 Berea 2220 2245 2245 2385 Chell Sand, Saale Brown Shale 3066 3066 4020 725 04/24/2015

(over)

4.025

4033

T.D.

4020

4025

Black Saale

Skale

<sup>\*</sup> Indicates Electric Log tops in the remarks section.

Formation Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
		1	1		
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	4.1				
A A RAM					
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	·				
					04/24/201

_		04/24/20
	Date 6-1	
	APPROVED Hory King for Change	, Owner
	By the fill	in cal det
	(Ville)	

WW-2	2A
(Rev.	6-14)

1). Date:			_
2.) Operator's Wel	l Numbe	r <u>CE Ba</u>	ilev #1
	State	County	Permit
3.) API Well No.:	47-	Kanawha	- 2733

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

	NOTICE AND APPLIC	ATION FOR A WE	LL WORK PERMI	<u>T</u>
4) Surface Ow	ner(s) to be served:	5) (a) Coal Opera	ator	
(a) Name	Charles Edwin Bailey Jr.	Name		
Address	940 6th Street	Address		
	Charleston, WV 25302	V=		
(b) Name		(b) Coal Owr	ner(s) with Declaratio	n
Address		Name	COMMENT IN \$ 100 PM	
		Address		
(c) Name		Name		
Address		Address		
6) Inspector	Terry Orban	(c) Coal Less	see with Declaration	
Address	P.O." Bex 1207	Name	170	
	Chanderin WV 25045	Address		
Telephone	304-549-5915			
	TO THE PERSONS N			
	ne lease or leases or other continui	ng contract or contract	s by which I hold the right	ght to extract oil and gas
OR			V 11	
	ne information required by Chapter			
application a loc	that as required under Chapter 22 ation plat, and accompanying docu	-6 of the <u>vvest Virginia</u>	a Code I have served	copies of this notice and
Application, a loc	'		on the above har	fled parties by.
_	Certified Mail (Postmarked po			
_	Publication (Notice of Publication			
I have re	ad and understand Chapter 22-6		agree to the terms and	d conditions of any permit
issued under this	application.			
I certify t	under penalty of law that I have pe	ersonally examined an	d am familiar with the	information submitted on
	orm and all attachments, and that			mediately responsible for
obtaining the info	ormation, I believe that the information	ion is true, accurate an	id complete.	
I am awa	are that there are significant penalti	ies for submitting false	information, including	the possibility of fine and
imprisonment.	Well Operat	or Shale Gas Proc	fuction LLC	TICCCIVEG
		by:	Juction, LLO	
		ts: Managing Mem	her	MAR 1 2 7715
	Addres	s: 929 Charleston	Road	
		Spencer, WV 25	5276	
	Telephon	e: 304-927-5228		Office of Oll and Gas
			erveoilandgas.com	<del>VV Dopt<b>. of Enviro</b>nmental Prote</del> ction
Subscribed and s	sworn before me this day	of Novemb	, 2	014
	Wat J. Dal		Notary Public	
My Commission I	Expires April 27, 201	4	S NESTEN	OFFICIAL SEAL
Oil and Gas Privacy	Notice	11.		STATE OF WEST VIRGINIA
The Office of Oil and	Gas processes your personal inf	on such as name add	A DELIGITATION OF THE PARTY OF	WILLIAM T DOUGLASS, JR
Your personal inform	I Gas processes your personal information mation may be disclosed to other State a	gencies or third parties in	the normal course of busin	ness of as needed to comply
with statutory or reg	gulatory requirements, including Freedon	n of Information Act reque	sts. Our office will appropr	tiately secure your personal

information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer 404/24/2015

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### **SURFACE OWNER WAIVER**

County	Kanawha	Operator	Shale Gas Production, LLC	
		Operator well number	CE Bailey #1	

### INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

# NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57<sup>th</sup> St. SE Charleston, WV 25304 (304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure a dequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

<u>Comments must be in writing.</u> Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources:
- 4) The proposed well work fails to protect fresh water sources or supplies:
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

<u>List of Water Testing Laboratories.</u> The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

### **VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through \_\_\_\_\_ including a work order on F orm WW2-B, as urvey plat, and as oil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NA	TURAL PERSON	FOR EXECUTION I	OR EXECUTION BY A CORPORATION, ETC.		
Munix	Milly Date 12.	2.14 Company Name			
Signature		Ву			
Charles Edwin Bailey, Jr.		lts	Date		
Print Name					
Fill Name		Signature	Date		

### COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Kanawha Operator Shale Gas Production, LLC	Operator's Well Number	CE Bailey #1
INSTRUCTIONS TO CO	OAL OPERATOR, OWNE	R, OR LESSEE
To the coal operator, owner, or less any objection you wish to make or are requ with the Chief of the Office of Oil and Gas by the Office. Mail objections to:	uired to make by WV Cod	de 22-6-15, 16 or 17, must be filed
Chief, Office of Oil and Gas Department of Environmental Protection 601 57 <sup>th</sup> St. SE Charleston, WV 25304 (304) 926-0499 extension 1654		
	WAIVER	
The undersigned coal operatorlocation has examined this proposed well location, the well location has been added work proposed to be done at this location, requirements of the West Virginia Code and FOR EXECUTION BY A NATURAL PERSON	ocation. If a mine map e to the mine map. The ur provided, the well operate d the governing regulatio	xists which covers the area of well ndersigned has no objection to the or has complied with all applicable ns.
FOR EXECUTION BY A NATURAL PERSON	Company	CUTION BY A CORPORATION, ETC.
Date _	Name By	
3.0	lts	Date
	Sign	nature Date
MAR 1 2 2015  Office of Oil and Gas  WV Dept. of Environmental Protective	lessee of	owner, operator or workable Coalbed/seams tract.

Operator's Well Number CE Bailey #1

### 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
Charles E. Bailey et. al.	Shale Gas Company	1/8	LB 195/476
Shale Gas Company	Shale Gas Production, LLC	same	AB 242/323

### Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application he reby a cknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- · U.S. Fish and Wildlife Service
- County Floodplain Coordinator

MAR 1 2 2015

Office of Oil and Gas WV Dept. of Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be ac quired from the appr opriate aut hority before the affected activity is initiated.

Well Operator: By:Its:

Managing Member

Shale Gas Production, LLC

WW-9 (5/13)

	Page	of	
API Number 47 -39	- 2733		
Operator's Well	No. CE Bailey #1		

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

### FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

TECIDO COTTINGO DISI	OSAL & RECLAMATION FLAN
Operator Name Shale Gas Production, LLC	OP Code
Watershed (HUC 10)_Limestone Branch	Quadrangle Pocatalico
Elevation 740 County Kanawha	District_Union
Do you anticipate using more than 5,000 bbls of water to compl	lete the proposed well work? Yes No X
Will a pit be used for drill cuttings? Yes No ×	
10 to	er
	No If so, what ml.? 20
Proposed Disposal Method For Treated Pit Wastes:	·
Reuse (at API Number  Off Site Disposal (Supply form WW	7-9 for disposal location)  Received
Will closed loop system be used? N/A	MAR 1 2 2015
Drilling medium anticipated for this well? Air, freshwater, oil b	pased, etc. Air
-If oil based, what type? Synthetic, petroleum, etc	Office of Oil and Gas
Additives to be used in drilling medium?	WAY Dank of Environmental Protection
Drill cuttings disposal method? Leave in pit, landfill, removed	offsite, etc. Leave in pit, no drill cuttings anticipated
-If left in pit and plan to solidify what medium will be	used? (cement, lime, sawdust) Soil/dirt
-Landfill or offsite name/permit number?	
on August 1, 2005, by the Office of Oil and Gas of the West Virgorovisions of the permit are enforceable by law. Violations of law or regulation can lead to enforcement action.  I certify under penalty of law that I have personally application form and all attachments thereto and that, based	conditions of the GENERAL WATER POLLUTION PERMIT issued reginia Department of Environmental Protection. I understand that the fany term or condition of the general permit and/or other applicable examined and am familiar with the information submitted on this don my inquiry of those individuals immediately responsible for rue, accurate, and complete. I am aware that there are significant lity of fine or imprisonment.
Subscribed and sworn before me this 4th day of	Notary Public State of West Virginia  William I DOUGLASS, JR
My commission expires April 27, 2017	204 SENECA 24 2 (0) 5 CHARLESTON, W 25320 My commission expires April 27, 2017

Form WW-9		Operator	s Well No. CE Bailey #1
Proposed Revegetation Trea		Prevegetation	<sub>1 pH</sub> 5.5
	Tons/acre or to correct to pH	6.5	
Fertilizer (10-20-20	or equivalent) 0.25	acre (500 lbs minimum)	
<sub>Mulch</sub> Hay	2 Tons/a	cre	
		l Mixtures	
Ar	ea I		Area II
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Ladino Clover	5
Red Top Clover	15	KY 31	40
Attach:  Drawing(s) of road, location,  hotocopied section of invol-	pit and proposed area for land appl	ication.	
Plan Approved by:			
Comments:			
Field Reviewed?	Alsone Stue &	Date: 11-10-14 _) No 2	Luc 2:3
			MAR 1 4 2015  Office of Oil and Gas  WV Dept. of Environmental P
			04/24/

### NOTE:

Any Trees 6" or larger in Diameter will be cut and piled. Brush will be used as Sediment Barriers.
Tempory seed and mulch all slopes upon construction.
Stone over all Culverts and entrance off existing roadway.

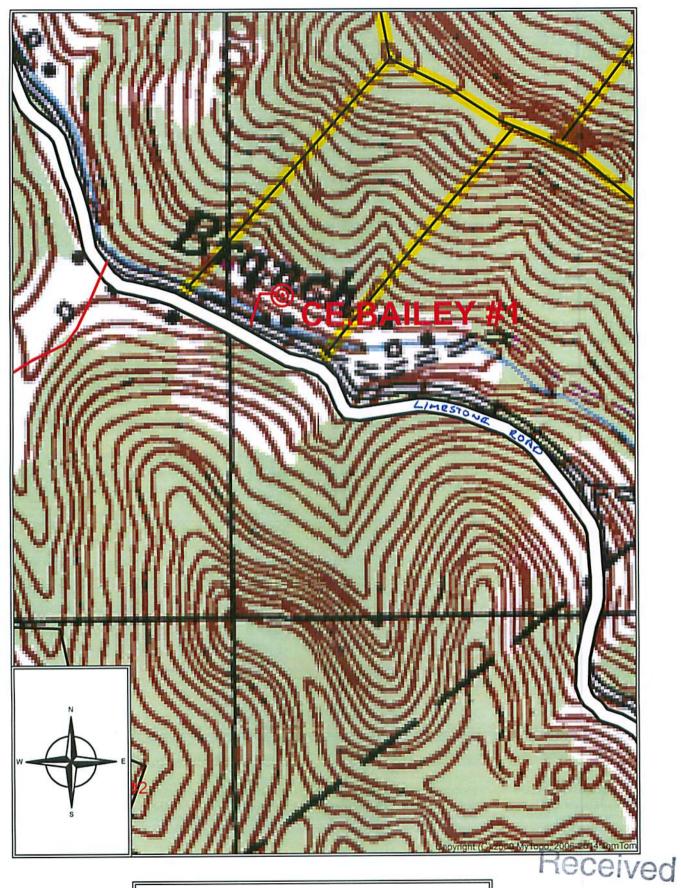
CE BAILEY #1

# NOTE: PIT SIZE: 25'X80' 7' LOCATION SIZE: 100'X200' 7' DIT SIZE: 25'X80' 7' LOCATION SIZE: 100'X200' 7' BARRIER SEDIMENT BARRIER I STANK EXIST. CULVERT SEC. RT. 7/8 BRANCH

# Received

MAR 1 2 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

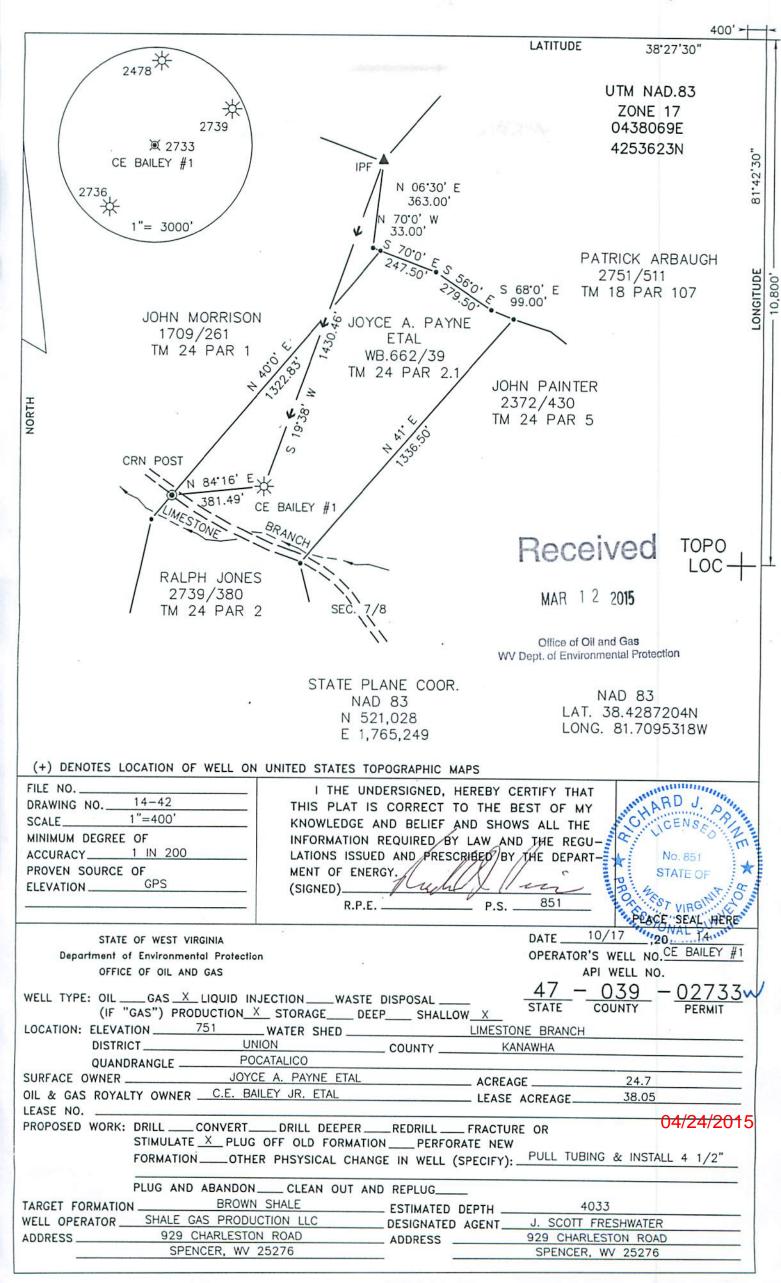


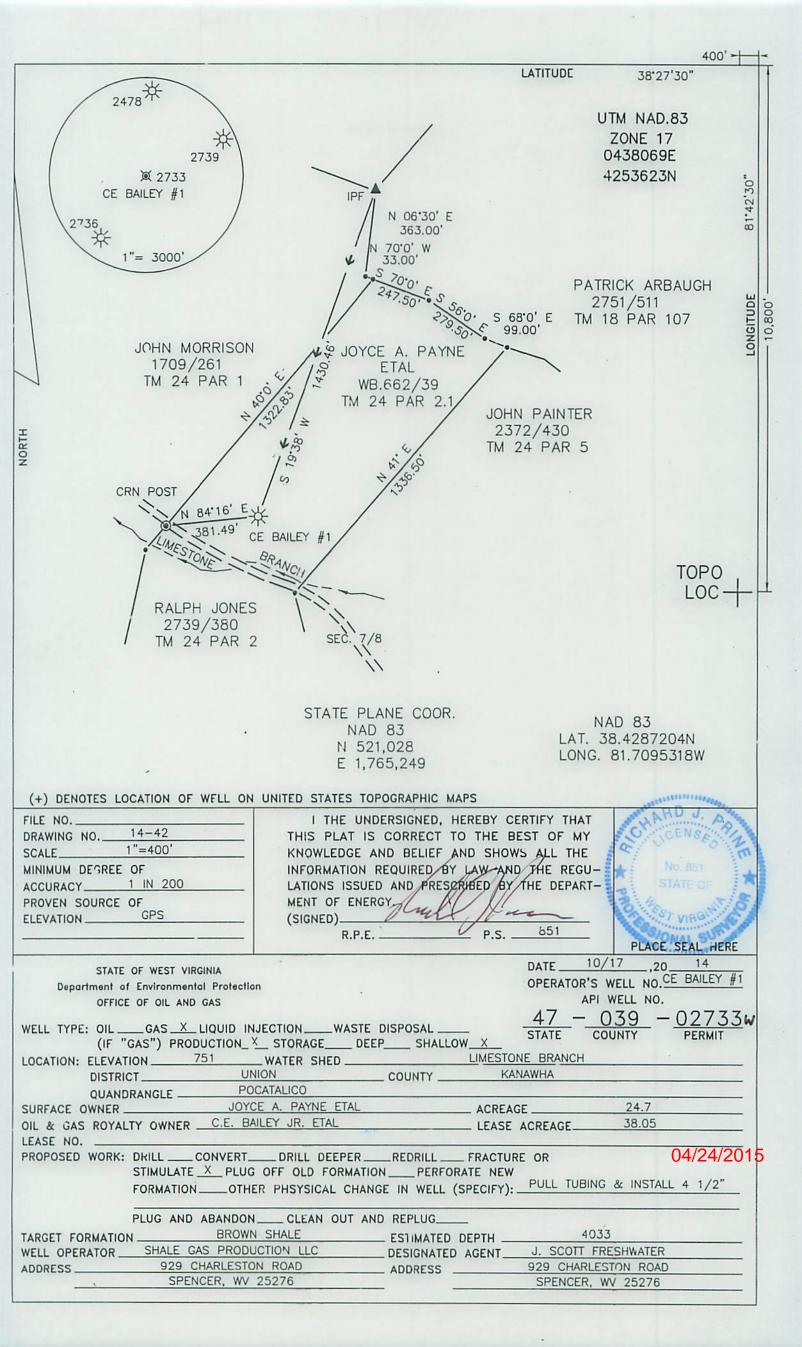
SCALE 1:4800

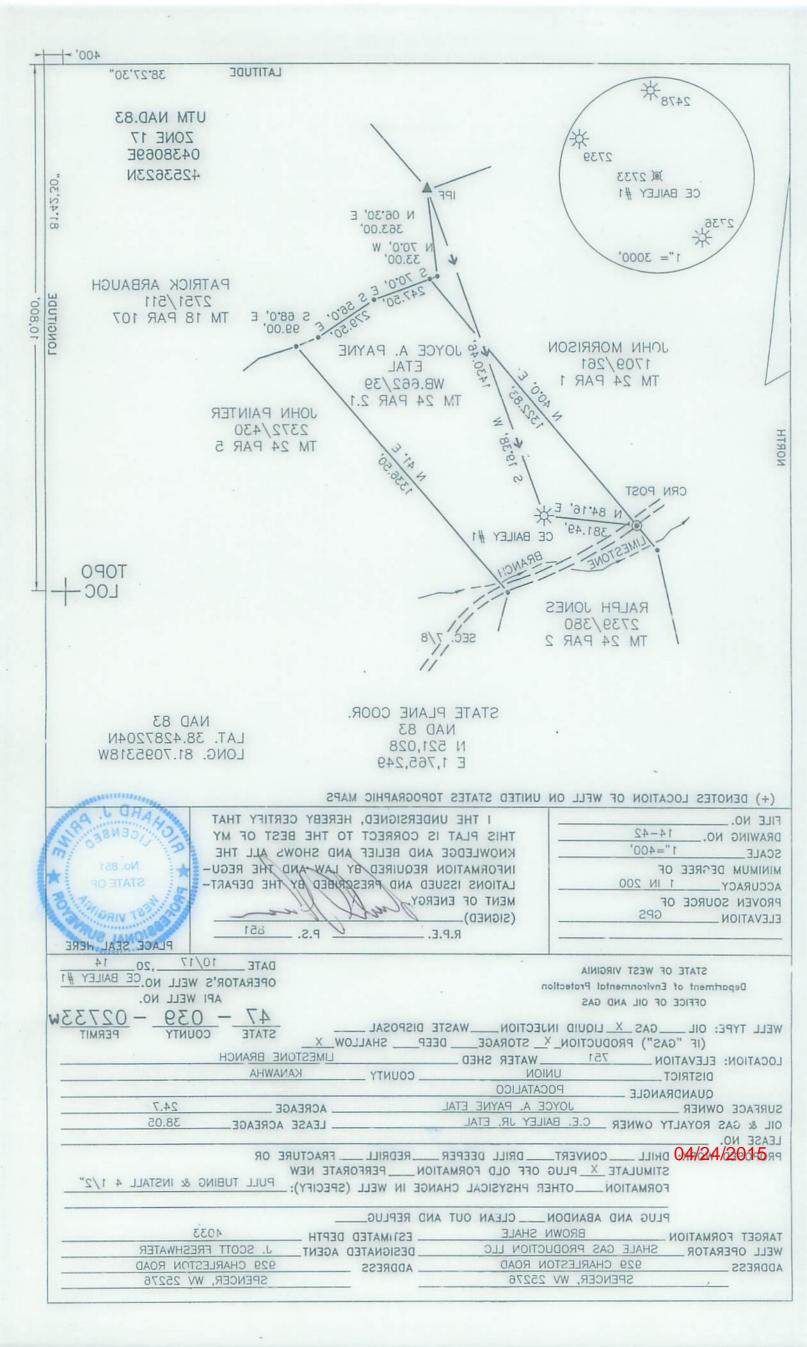
0 1000
FEET

MAR 1 2 2015

Office of Oil and Gas WV Dept. of Envir 0.4/24/2015







WW-2B1	
(5-12)	

Well No.	CE Bailey #1	
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# 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.

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

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name Sampling Contractor		ALS Environmental Lab	Rec	eived
Well Operator	Shale Gas Pro	oduction, LLC	MAR	1 2 2015
Address	929 Charlesto	n Road		
	Spencer, WV	25276	Office C	Office of Oil and Gas  WV Dept. of Environmental Protect
Telephone	304-927-5228		AAA Dobt of the	

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, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

See Attached.
Will obtain water well Sample from Paul Lanier
at 1194 Limestone Road.

Well Information/Potential Water Well Sample Sheet

Operator: Shale Gas Production Well Number: C. Bailey #1

### Shale Gas Production, LLC

### Well Information / Potential Water Well Sample Data Sheet

Operator: Shale Gas Production, LLC

Lease Name and Number: C. Bailey #1

### Comments

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner (s) that were potentially utilizing groundwater (potable) for human consumption or other purposes within one thousand (1,000) feet of the proposed well site. The following landowners have been notified of the opportunity to request a water sample should it be necessary.

Please note that the following information is subject to change upon field inspection

### **Individual Contacted or Notified**

Owner / Occupant: Melissa Spear

Address: 1145 Limestone Road, Charleston, WV 25312

Letter/Notice Date: 10/13/14

Comments: No well

Owner / Occupant:

Address: 1121 Limestone Road, Charleston, WV 25312

Letter/Notice Date: 10/13/14

Comments: No water well

Owner / Occupant:

Address: 1159 Limestone Road

Letter/Notice Date: 10/13/14

Comments: No water well

Received

MAR 1 2 2015

Office of Oil and Gas
Wy Dept. of Environmental Protection

Well Information/Potential Water Well Sample Sheet

Operator: Shale Gas Production Well Number: C. Bailey #1

Owner / Occupant:

Address: 873 Limestone Road

Letter/Notice Date: 10/13/14

Comments: Posted notice on door

Owner / Occupant:

Address: 998 Limestone Road

Letter/Notice Date: 10/13/14

Comments: posted notice on door of white house and yellow trailer

Owner / Occupant: Barbara and John Vanoy

Address: 1097 Limestone Road

Letter/Notice Date 10/13/14

Comments: Water well not in use

Owner / Occupant: John Morrison

Address: 1140 Limestone Road

Letter/Notice Date: 10/13/14

Comments: has water well; not in use. May want tested; will call if he does.

Owner / Occupant:

Address: 1227 Limestone Road

Letter/Notice Date: 10/13/14

Comments: Posted in mailbox

Received

MAR 1 2 2015

Office of Oil and Gas

Well Information/Potential Water Well Sample Sheet

Operator: Shale Gas Production Well Number: C. Bailey #1

Owner / Occupant: Paul Lanier 304-776-5655

Address: 1194 Limestone Road

Letter/Notice Date: <u>10/13/14</u>

Comments: Has well and city water also. \*\*\*\* Wants Sample \*\*\*\*\*\*\*\*\*\*

Owner / Occupant: <u>Davis</u>

Address: 1366 Limestone Road

Letter/Notice Date: 10/13/14

Comments: water well not in use; left notice with male; will call if wants tested.

Received

MAT 4 3015

Office of Oil and Gas
WV Dept. of Engineermental Protection