

#### 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

August 22, 2014

#### WELL WORK PERMIT

#### Horizontal 6A Well

This permit, API Well Number: 47-10303012, issued to STONE ENERGY CORPORATION, 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: ERLEWINE 2H

Farm Name: ERLEWINE, RICHARD

API Well Number: 47-10303012

Permit Type: Horizontal 6A Well

Date Issued: 08/22/2014

API Number: 103-03012

#### PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) 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</u> conditions may result in enforcement action.

#### CONDITIONS

- This proposed activity may require permit coverage from the United States Army Corps of Engineers
  (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed
  activity.
- 2. 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 § 22-6A-5a (12), 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.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled Water Well Regulations, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 8. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
- 9. 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-6B (9/13)

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

1) Well Operato	r: Stone E	nergy Corpor	ation	494490923	Wetzel	Proctor	New Martinsville
				Operator ID	County	District	Quadrangle
2) Operator's W	ell Number:	Erlewii	ne #2H	Well Pad	Name:	Erl	ewine
3) Farm Name/S	Surface Owne	r: Erlewine, F	Richard	et al Public Roa	d Access:	Wetzel Co	ounty Route 1/2
4) Elevation, cu	rrent ground:	1,220'	Ele	evation, proposed	post-construction	on:	1,212'
5) Well Type	(a) Gas _		Oil	Unde	erground Storag	ge	
	Other _						
		Shallow		Deep			
0.514.51		Horizontal		<u>.</u>			Da H
6) Existing Pad:			No		,		3-27-14
•	_			pated Thickness a			of 3,800 to 4,400 psig
					trion, w anaopa	iou procouro	0,000 to 4,400 psig
8) Proposed Tot		<i>'</i>	cellus S				
9) Formation at			~~~				
10) Proposed To	otal Measured	Depth: 13,0	000, WD	<u>@ TD</u>			
11) Proposed He	orizontal Leg	Length: <u>5,50</u>	00' from	LP and 6,923' from	n KOP		
12) Approximat	e Fresh Wate	r Strata Depths	s:	Shallowest @ 85' ar	nd deepest @ 93	0,	and a second
13) Method to D	etermine Fre	sh Water Dept	hs: D	epth of bit w/show o	f fluid at flowline	or when drill	ing soap is injected
14) Approximat	e Saltwater D	epths: Shall	owest @	) 1,800'			
15) Approximat	e Coal Seam	Depths: 925'					
16) Approximat	e Depth to Po	ssible Void (c	oal mir	ne, karst, other): _!	None Anticipated		
17) Does Propos directly overlyin				ns Yes[	No		<b>7</b>
(a) If Yes, prov	vide Mine Inf	o: Name:					
-, ,,		Depth:					
		Seam:			<b>Receiv</b>	bol	
		Owner:			TOOCH	cu	

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WW-6B (9/13)

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#### **CASING AND TUBING PROGRAM**

ТҮРЕ	Size	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling	INTERVALS: Left in Well	CEMENT: Fill-up (Cu. Ft.)
Conductor	20"	New	L/S	94.0	80'	80'	77 - CTS
Fresh Water/Coal	13.375	New	J55	54.5	1,190'	1,190'	1,092 CTS
Intermediate 1	9.625"	New	J55	36.0	2,400'	2,400'	Lead 647 - Tail 312 CTS
Intermediate 2							
Production	5.5"	New	P110	20.0		13,000'	Lead 1,021 - 2,220 Tel TOC @ 1,400*
Tubing	2.375"	New	J55	4.7		6,200'	N/A
Liners							

Note: The Fresh Water/Coal string will be set just above Sea Level. In no instance will the casing be set below Sea Level. This setting depth is necessary due to a rubble zone below the Pittsburgh coal seam.

TYPE	<u>Size</u>	Wellbore Diameter	Wall Thickness	Burst Pressure	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	24.0"	0.375"	N/A	Type 1	1.18
Fresh Water/Coal	13.375"	17.5"	0.380"	2,730	Class A	1.19
Intermediate 1	9.625"	12.25"	0.352"	3,520	10% NACI & Class A	1.25 Lead - 1.19 Tail
Intermediate 2						
Production	5.5"	8.75"	0.361	12,360	GasStop & Class A	1.26 Lead - 1.20 Tail
Tubing	2.375"	N/A	0.190"	7,700	N/A	N/A
Liners						

7~2*1*-14

#### **PACKERS**

Kind:	Tam Cap Inflatable		
Sizes:	9.625"		•
Depths Set:	1,140' TVD	Recei	ved

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WV Dept. of Environmental Protection

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20.6

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

MIRU conductor rig and set 20" conductor into solid rock cementing back to surface. Typically the setting depth is 80'. RDMO conductor rig and MIRU top-hole rig. Drill and set 13.375" fresh water/coal casingweepenting.laneking.lane and set 9.625" intermediate casing cementing back to surface. Drill 8-3/4" production hole to just above KOP. This section will be drilled using a slant in order to maintain and reduce anti-collision concerns. Run gyro and displace with KCI fluid back to surface. RDMO top-hole rig and MIRU horizontal rig. Displace KCI fluid out of well bore with salt saturated drilling fluid. Drill to KOP and then drill curve to landing point. Continue drilling horizontal section of well bore to TD. Condition well bore at TD, TOOH, and run 5.5" production casing to TD. Cement production casing to 1000' inside of the 9.625" casing string. RDMO horizontal rig after installing night cap on top of well head.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

MIRU coil tubing unit or service rig and clean out well bore to PBTD. Run CBL to approximately 30-60 degrees in curve back to surface. Toe prep horizontal for fracturing. RDMO coil tubing unit or service rig. MIRU stimulation equipment, Begin stimulation on first stage. Anticipated maximum treating pressure is 9000 psi. Anticipated maximum pump rate is between 85 and 90 bmp of slick-water with sand. Frac plugs will be pumped down during night-time operations. The number of stages to be pumped will be determined once the well is drilled and log information is reviewed. All other stages will pumped as described above. Once well is fraced the coil tubing unit or service rig (with snubbing unit) will be moved back on site and the frac plugs will be drilled out and the well bore will be cleaned up. Flow back time for the well will be dependent upon fluid return and gas production. All gas will be flared until the well is capable of production.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres):	20.6
22) Area to be disturbed for well pad only, less access road (acres):	7.6
23) Describe centralizer placement for each casing string:	
-Fresh Water/Coal string will use bow spring centralizers with one above guide shoe and the -Intermediate string will will use bow spring centralizers with one being placed above the gu collar and one on every third joint to surface. One rigid centralizers be placed as close as p-Production string will use left/right rigid spiral centralizers one on every 4th joint from TD to third joint from KOP to TOC.	ide shoe, one above the float oossible to the surface.
24) Describe all cement additives associated with each cement type:	
-Fresh Water casing will be cemented using a Class "A" cement with between 1.0% an 3.0% CaCl2 and 0.25 Cello- -Intermediate casing will be cemented using a Class "A" cement with a Lead blend of 10.0% NaCl2. Tail cement w lb/sx Cello-Flake. -Production casing will be cemented with HalCem cement.	
Dm H	
25) Proposed borehole conditioning procedures: 7-2\(\gamma^{1}\)	(
-Fresh Water/Coal section will be conditioned by circulating air/mist through the drill string a until well bore is clean of cuttingsIntermediate section will be conditioned by circulating air/stiff foam through the drill string air minutes until well bore is clear of cuttingsProduction section will be conditioned by circulating drilling fluid through the drill string at Tilling air/string at Tilling fluid through the drill string at Tillin	t TD for between 30 to 120

(minimum of three bottoms up) until shakers are clear of cuttings and the drill string pulls free off of bottom.

\*Note: Attach additional sheets as needed.



#### WW-9 ADDENDUM

#### **Drilling Medium Anticipated for This well**

- Vertical section of well bore, down to KOP, will be drilled on air and/or a combination of air and drilling soap.
- From KOP through the curve section and horizontal section of well bore will be drilled on a brine-water based mud system.

#### Additives to be Used While Drilling

- Common additives when air drilling: KCl (CAS No. 1302-78-9 & 14808-60-7), soda ash (CAS No. 497-19-8), shale stabilizer (CAS No 67-48-1 & 7732-1835), drilling soap (CAS No. 111-76-2), air hammer/motor lubricant.
- Common water based additives for mud drilling: NaCl (CAS No. 7647-14-5), KCl (CAS No. 7447-40-7), barite (CAS No. 13462-86-7 & 14808-60-7), starch (CAS No. 9005-25-8), PAC (CAS No. 9004-32-4), xanthum gum (CAS No. 11138-66-2), PHPA (CAS No. 64742-47-8), polysaccharide (CAS No. 11138-66-2), sulfonated asphaltic material (CAS No. 269-212-0 & 238-878-4), aluminum silicate (CAS No. 37287-16-4), gilsonite (CAS No. 12002-43-6), graphite (CAS No.14808-60-7 & 7782-42-5), shale stabilizer (CAS No. 67-48-1 & 7732-18-5), fluid loss control polymers (CAS No. 9004-34-6), viscosity control polymers (CAS No. 11138-66-2 & 107-22-2), soda ash (CAS No. 497-19-8), sodium bicarbonate (CAS No. 144-55-8), NaOH (CAS No. 1310-73-2, 7647-14-5, & 7732-18-5), lime (CAS No. 1305-62-0), gypsum (CAS No.778-18-9), citric acid (CAS No. 77-92-9), biocide (CAS No. 52-51-7 or 7732-18-5 + 67-56-1 + 141-43-5), CaCO<sub>3</sub> (CAS No. 471-34-1), cellulose fibers (CAS No. 14808-60-7), nut plug (CAS No. 9004-34-6 & 14808-60-7), cross-linking polymers (CAS No. 107-22-2 & 11138-66-2), other LCMs, surfactants (CAS No. 64-17-5) , ROP enhancer/lubricant (CAS No. 8002-13-9), beads, corrosion inhibitor (CAS No. 7732-18-5), aluminum stearate (CAS No. 300-92-5), defoamer (CAS No. 246-771-9).

MSDS are available upon request.

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Office of Oil and Gas

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Well: Erlewine #2H TO HOPETO STONE ENERGY - PROPOSED HORIZONTAL State: West Virginia County: Wetzel Revision: 1-Oct-13

Permit Issued: Post Construction Ground Elevation: 1212'

Kelly Bushing: 18'

Permit Number: 47-103-

Rig: Spud Date: TD Date:

Prospect: Mary Location: Surface: North = 4,392,647 East = 517,389 (UTM NAD 83) 

District: Proctor

PTD: 13000' MD / 6850' TVD

Shabwest FW 75 TVD Pittsburgh Coal 925 TVD Deepest FW 837 TVD 112-1/4" Hole  Sail Water 1800 TVD Little Lime 2022 TVD Blig Injun Sandstene 2152 TVD Base of Big Injun 2400 TVD Gordon Sandstone 2650 TVD Gordon Sandstone 2865 TVD  8-3/4" Hole  B-3/4" Hole  Regional Sandstone 2865 TVD  Regional Sandstone 2865	HOLE DEV.
17-1/2" Hole    Shaboweal FW   75 TVD   Pittsburgh Coal   925 TVD   Deepest FW   930" TVD   1919" TVD	
Shabwest FW 75 TVD Pittsburph Coal 925 TVD Deepast FW 330 TVD Little Lime 2022 TVD Big Injun 2022 TVD Base of Big Injun 2025 TVD Commented to surface  Berea Sandstone 2620 TVD Gordon Sandstone 2865 TVD  B-344" Hote  Shabwest FW 75 TVD  Sat Water 1800 TVD Little Lime 2022 TVD Big Injun 2022 TVD Base of Big Injun 2022 TVD Sat through coal gross Cemented to surface  Stiff Foam  INTERMEDIATE CASING  9-58" 36.08" J-55 LTC @ 2400" MD/TVD Set brough potential saft water zones Set below base of Big Injun Cemented to surface  KOP @ 5077 TVD	Verlica
Deepost FW 930" TVD 1190" TVD 1190" TVD 1190" TVD 1190" TVD 120" TVD 2022" TVD 2022" TVD 2022" TVD 2032" TVD 2032" TVD 2400" T	
Sait Water 1800' TVD Little Lime 2022' TVD Big Injun Sandstene 2152' TVD Base of Big Injun 2252' TVD Base of Big Injun 2252' TVD Gordon Sandstone 2620' TVD Gordon Sandstone 2865' TVD  8-3/4" Hote  Surrace CASING  Sutrace CASING  13-3/8" 54.5 # 55 TC @ 1190' MD/TVD Set through fresh water zones Set through coal zones Cemented to surface  Sutf Foam  INTERMEDIATE CASING  9-5/8" 36.0# J-55 LTC @ 2400' MD/TVD Sof through potential sait water zones Set below base of Big Injun Cemented to surface  KOP @ 5077' TVD	
Salt Water 1800' TVD Little Lime 2022' TVD Big Lime 8lig Injun Sandstene 2152' TVD 2400' MD/TVD Solt through potential sait water zones Solt below base of Big Injun Cemented to surface Solt below base of Big Injun Cemented to surface MCD 2500' TVD Solt through potential sait water zones Solt below base of Big Injun Cemented to surface MCD 2500' TVD Cemented to surface MCD 2500' TVD MCD 2500'	
Set through fresh water zones  Stiff Feam  12-1/4" Hole    Big Lime   2052" TVD   Big Injun Sandstone   2152" TVD   2252" TVD   2400" TVD     2400" TVD     2552" TVD   2400" TVD     2552" TVD   2400" TVD     2552" TVD   2400" TVD     2552" TVD	Vertica
Little Lime 2022 TVD Big Lime 2052 TVD Base of Big Injun 2152 TVD Base of Big Injun 2400' TVD Berea Sandstone 2620' TVD Gordon Sandstone 2865' TVD Soft through coal zones Cemented to surface Stiff Foam Soft through potential set water zones Set below base of Big Injun Cemented to surface Stiff Foam Office Agriculture Cemented to Stiff Foam Of	
12-1/4" Hole  Big Injun Sandstone Base of Big Injun Base of Big Injun Comented to surface  Stiff Foam  Comented to surface  Stiff Foam  INTERMEDIATE CASING  9-5/8" 38.0# J-55 LTC @ 2400" MD/TVD Set through potential saft water zones Set below base of Big Injun Comented to surface  8-3/4" Hole  KOP @ 6977' TVD	
Big Injun Sandstone 2152 TVD 2252 TVD 2252 TVD 24400 TVD 350 38.08 J-55 LTC @ 2400 MD/TVD Set through potential sail water zones Set below base of Big Injun Cermented to surface  8-3/4" Hote KOP @ 6077' TVD	
Berea Sandstone 2620' TVD Gordon Sandstone 2865' TVD  8-3/4" Hote  KOP @ \$077' TVD	
Berea Sandstone 2620' TVD Gordon Sandstone 2865' TVD  8-3/4" Hote  KOP @ 6077' TVD	
	Vertica
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Rhinestreet Shale (Base) 6186' TVD	
8-3/4" Hole Middlesex Shale 6280 TVD In Curvo West River Shale 6310" TVD 7-27-14	
West River Shale 6310' TVD 7-27-14	
Geneseo Shala 6645 TVD	
Tully Limestone 6665' TVD	
Hamilton Shale 6725' TVD	
8-3/4" Hole in Later Lateral Marcellus Shate 6765' TVD WBM in Later	~89.5
Onondage Limestone 6815' TVD TD @ 13000' MD / 6850' TVD	ĺ
Landing Point (LP) @ 7500' MD / 6790' TVD PRODUCTION CASING	1
Notes: Formation tops as per vertical pilot hole -88.5° angle 5-1/2′ 20.0# P-110 CDC @ 13000′ MD Curve & lateral tops will vary due to structural changes ~165° azimuth Top of Cement @ 1400′ (~1000′ inside 9-5/8″)	1
Curve & lateral tops will vary due to structural changes ~165° azimuth Top of Cement @ 1400° (~1000° inside 9-5/8°)	i

API Number 47 -	103		03012
Operator's	Erlewine #2H		

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

#### FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name	Stone En	ergy Corporation		OP Code	494490923	-
Watershed (HUC 10)	Tributary of Pro	ctor Creek	Quadrangle	Ne	ew Martinsville	
Elevation	1,212 <sup>-</sup> Co	unty	Wetzel	District	Proctor	
	es No V scribe anticipated pit w	aste: All waste	material will be la	and filled at a perr	nitted facility	
	c liner be used in the pi osal Method For Treate	50 Table 10 C	No If	so, what ml.?		
-	Land Application Underground Injecti Reuse (at API Num Off Site Disposal (S Other (Explain	on ( UIC Permit berf Supply form WW-	9 for disposal loc	stored and used on addi	tional stimulations	)
Will closed loop system	be used? If so, describ	e: A closed loop s	ystem will be use	d for both top hole	and horizontal sections	
Orilling medium anticip	ated for this well (verti	cal and horizontal	)? Air, freshwat	er, oil based, etc.	Air, Air/Soap, Brine Water	- Dm
-If oil based, w	hat type? Synthetic, pe	etroleum, etc				- 32
Additives to be used in	drilling medium?		See attached	WW-9 Addendum		,
	nethod? Leave in pit, la			Approv	ed Landfill	
-If left in pit an	d plan to solidify what	medium will be u	sed? (cement, li	me, sawdust) N/A		
	site name/permit numb					
on August 1, 2005, by the provisions of the permit law or regulation can lead to certify under application form and a	the Office of Oil and Gat the action and the enforceable by lar and to enforcement action penalty of law that I all attachments thereto on, I believe that the false information, include	s of the West Viry w. Violations of n. have personally and that, based information is tru	ginia Department any term or cond examined and and on my inquiry ue, accurate, and	of Environmenta dition of the gener m familiar with the of those individual complete. I am	R POLLUTION PERM I Protection. I understand permit and/or other a the information submitted als immediately responsively aware that there are significant.	d that the pplicable d on this sible for
Company Official (Typ		7	Timothy P. I	AcGregor Roge	1 0 1 1	X
Company Official Title	red (value)		Land Goordina	1	MANAGER Special	GOUNSE
sampany orneun ritte.	-1			51,50	Hece	ave
Subscribed and sworn b  Auelle  My commission expires	of Should	day of	STATE OF V DANIELLE HR2 Box 248A, F	ZAL SEAL Notary Property Public VEST VIRGINIA L SNODERLY Falmont, WV 26554 Expires May 18, 2021	JUN -	and Gas_

Form WW-9				Operator's	Well No	Erlewine #2H
	Stone Er	nergy Cor	poration	•		
Proposed Revegetation Treatme	ent: Acres Disturbed	20.6	0.5	_ Prevegetation	оН	
Lime2.0  Fertilizer type	Tons/acre or to correct 10-20-20 or Equivalent	to pH	6.5	<del></del>		
Fertilizer amount	500 - 750	lbs/acre				
Mulch 0.50 to 0	.75 TPA + Straw	Tons/acre				
		Seed Mixt	ıres			
Tem	porary			Pern	ıanent	
Seed Type Marcellus Mix	lbs/acre 100.0			Seed Type r <b>cellus Mix</b>		lbs/acre 100.0
White or Ladino Clo	ver 10.0	V	/hite or	Ladino Clo	ver	10.0
Orchard Grass	40.0	_	Orc	hard Grass	3	40.0
Winter Rye	50.0		٧	Vinter Rye	-	50.0
provided)  Photocopied section of involved  Plan Approved by:  Comments:	7.					
						RECEIVED
						of Oil and Gas
Title: Dil + Les I	North	Da	te: <u> </u>	n-14		IUN 0 9 2014
Field Reviewed?	Yes (_	) No	•	· •	WV Enviror	Department of imental Protection



#### WW-9 ADDENDUM

#### **Drill Cuttings Disposal Method**

Closed loop drilling system will be incorporated. No waste pits will be constructed. All
drill cuttings are put through a drier system and hauled to and disposed of at approved
and permitted landfills.

#### **Landfills or Offsite Names and Permit Numbers**

Wetzel County Sanitary Landfill Rt. 1, Box 156A New Martinsville, WV 26155 SWF-1021 / WV01909185 Brooke County Sanitary Landfill Colliers, WV 26035 SWF-1013 / WV0109029

3-27-14

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Office of Oil and Gas
WV Dept. of Environmental Protection



## Well Site Safety Plan

# Erlewine Well Pad Proctor District, Wetzel County

Erlewine 2H

DM7 10-2-17

Stone Energy Corporation 6000 Hampton Center, Suite B Morgantown, West Virginia 26505 (304) 225-1600

Initial Preparation: September 18, 2013

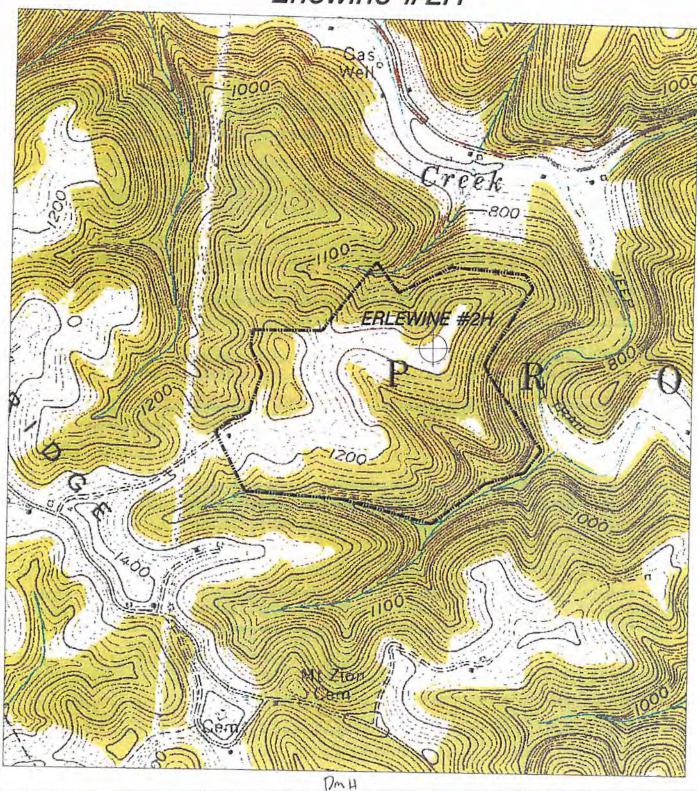
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Office of Oil and Gas

JUN 0 9 2014

WV Department of Environmental Protection 08/22/2014 Form W-9

## Stone Energy Corporation Erlewine #2H

Page 1 of 1



**HUPP Surveying & Mapping** 

P.O. BOX 647 CRANTSVILLE, WV 26147 PH:(304)354-7035 E-MAIL hupp@frontiernet.net 1" = 1000

New Martinsville 7.5'

3-27-14

Stone Energy Corp. P.O. Box 52807 Lafayette, LA 70508

