

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Tuesday, February 1, 2022
WELL WORK PLUGGING PERMIT
Horizontal 6A Plugging

EQT PRODUCTION COMPANY 625 LIBERTY AVE., SUITE 1700 PITTSBURGH, PA 15222

Re: Permit approval for ERLEWINE 4H

47-103-02952-00-00

This well work permit 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 any additional specific 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of 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.

Per 35 CSR 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) 926-0450.

Operator's Well Number: ERLEWINE 4H

Farm Name: ERLEWINE, RICHARD

James A. Martin

Chief

U.S. WELL NUMBER: 47-103-02952-00-00

Horizontal 6A Plugging Date Issued: 2/1/2022

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. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 2. 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.
- 3. Well work activities shall not constitute a hazard to the safety of persons.

4710	302952	1
1) Date January 10th 1 1 V	2022	,
2) Operator's		
Well No. Erlewine 4H		
3) APT Well No. 47-103	- 02952	

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

5)	Location: Elevation 1214'	Watershed Trib	outary of Proctor Creek
-,	District Proctor		Quadrangle New Martinsville 7.5
6)	Well Operator EQT Production 400 Woodcliff Driv	ve A	Agent Joseph C. Mallow ddress 115 Professional Place Bridgeport WV 26330
8)	Oil and Gas Inspector to be	Name R	R&J
	Address PO Box 157	Addres	ss 1087 Raccoon Rd
	Volga, WV 26238		Hueysville, KY 41640
	WELL NOT COMPLETE	0.	
	WELL NOT COMPLETE	0.	Office of Oil and Gas JAN 19 2022 WV Department of Environmental Protection
worl	fication must be given to the can commence.	district oil and gas insp	JAN 1 9 2022 WV Department of Environmental Protection pector 24 hours before permitted
worl	fication must be given to the		JAN 19 2022

Erlewine 4H Wetzel Co., WV HZ Marcellus well API # 47-103-02952 BY: Tyler Mizgorski DATE: 1/7/2022

CURRENT STATUS:

Elevation @ 1,212 20" LS 94.1 ppf conductor @ 90' Type 1 Grout to Surface 13 3/8" J55 54.5 ppf casing @ 1,205' HalChem Class "A" Cemented to Surface 9 5/8" J55 - 36 ppf casing @ 2,397' Cemented to Surface 5 1/2" P110 - 20 ppf casing @ 11,971' Cemented to ~1,330'

Well Not Completed Fresh water @ 120 Salt water (a. 1,424 Coal Show @ 722 and 948

- 1) Notify Inspector Bryan Harris, (304) 553-6087, Bryan O. Harris@wv.gov prior to beginning operations.
- Check and record pressure on all casings, notify Engineer of recorded pressures.
- 3) Install 10k wireline BOP. Test BOP's and stack to regs. P/U install 10k lubricator. (Call 8hrs before, will need crane truck)
- Equalize lubricator, if necessary and RIH w/ wireline to top of marcellus at 7,076' and set a CIBP above the Marcellus @ 7,056' MD. If unable to get to set depth, EQT office will call DEP to discuss options.
- Hook up pump truck and pressure test lines to 8000 psi. (Call pump truck 8hrs before)
- POOH w/ wireline and load well with 6% gel if not full. Perform CIT with pump truck to 2000 psi. Ensure leak-off is not more. than 10% in thirty minutes per regulation.
- RIH and set second CIBP 10' above the first
- POOH w/ wireline and load well with 6% gel if not full. Perform CIT with pump truck to 2000 psi. Ensure leak-off is not more than 10% in thirty minutes per regulation.
- 9) RIH with Renegade segmented bond log and pull log from CIBP to surface
- 10) TIH with tubing to CIBP.
- 11) Pump 1500' Class A cement plug. 7,056' to 5,546' Pump 500' of cement and pull 500' of tubing 2 times. Pump last 500' section and pull tubing 300' and reverse circulate full hole volume. TOOH 300'
- 12) Let cement dry for 8 hours and tag top of cement. If cement top is at 5,546' or close POOH to 2,650' and set a 500' C1A Cement plug from 2,650' to 2,150'. Pump 500' of cement and pull 500' of tubing. Pull tubing 300' and reverse circulate full hole volume. TOOH 300' (safety plug - 9 5/8" Casing Seat)
- 13) Let cement dry for 8 hours and tag top of cement. If cement top is at 2,150' or close TOOH.
- 14) Free Point 5 ½" casing. Cut Casing @freepoint ~1,250' using jet cutter. Estimated freepoint @1,300'. TOOH 5 ½" Casing.
- 15) Set a 300' C1A Cement plug 100'in/200' out of casing cut 1,350' to 1,050' pull tubing 300' and reverse circulate full hole volume. TOOH 300' (5.5" Casing Cut and Elevation Plug)
- 16) Let cement dry for 8 hours.
- 17) RIH and tag cement at 1,050' if at proper depth or close pump 6% GEL from 1,050' to surface. TOOH
- 18) TIH with wireline and set CIBP @ 1,020' TOOH with wireline
- 19) TIH with tubing to 1,020'. Set a 400' C1A cement plug 1,020' to 620'. TOOH 300' Reverse circulate full hole volume. TOOH 300' (Coal Plug)
- 20) Let cement dry for 8 hours.
 21) TIH with tubing and check TOC. IF at 620' or close POOH to 350' and set C1A plug 350' to surface (Freshwater, and surface Office of Oil and Gas
- Reclaim location and Set Monument above ground to WV-DEP Specifications

JAN 1 9 2022

WV Department of Environmental Protection

Erlewine #4H API 47-103-02952

Stone Energy Corporation

	Stolle	Horizontal		a 1.1011		
	Тор	Top		Bottom (ft	Bottom	
•	(ft TVD)	(ft MD)	,	TVD)	(ft MD)	
Sandstone & Shale	Surface		*	722		FW @ 120'
Coal	722		*	730		
Sandstone & Shale	730		*	948		
Coal	948		*	957		
Sandstone & Shale	957		*	2,014		SW @ 1,424'
Little Lime	2,014		*	2,044		
Big Lime	2,044		*	2,144		
Big Injun	2,144		*	2,244		
Sandstone & Shale	2,244		*	2,612		
Berea Sandstone	2,612		*	2,642		
Shale	2,642		*	2,857		
Gordon	2,857		*	2,907		
Undiff Devonian Shale	2,907		*	5,698	5,712	
Rhinestreet	5,698	5,712	~	6,209	6,278	
Cashaqua	6,209	6,278	~	6,351	6,514	
Middlesex	6,351	6,514	~	6,371	6,554	
West River	6,371	6,554	~	6,421	6,699	
Geneseo	6,421	6,699	~	6,442	6,747	
Tully Limestone	6,442	6,747	~	6,484	6,904	
Hamilton Shale	6,484	6,904	~	6,539	7,076	RECEIVED Office of Oil and Gas
Marcellus	6,539	7,076	~	6,684	12,005	JAN 1 9 2022
TD				6,684	12,005	MAC 1 3 2022
From Pilot Hole Log and	•					WV Department of Environmental Protect

^{*} From Pilot Hole Log and Driller's Log

[~] From MWD Gamma Log

State of West Virginia Department of Environmental Protection - Office of Oil and Gas Well Operator's Report of Well Work

API 47 . 103 . 02952	County Wetzel	District Proctor	
Quad New Martinsville	Pad Name Erlewine	Field/Pool Name N	lary
Farm name Erlewine, Richard		Well Number #4F	
Operator (as registered with the OO	G) Stone Energy Corporation		
Address 1300 Fort Pierpont Dr.	- Suite 201 City Morgantown	State WV	Zip 26508
As Drilled location NAD 83/UTN Top hole	Attach an as-drilled plat, pro Northing 4,392,641	offle view, and deviation survey Easting 517,387	
Landing Point of Curve	Northing 4,392,231	Easting 517,236	
Bottom Hole	Northing 4,390,892	Easting 517,648	
Elevation (ft) 1,212 GL Permit Type Deviated	Type of Well BNew D		Interim Final Deep Shallow
Type of Operation □ Convert □	n Deepen	k □ Redrilling □ Rework	Stimulate
Well Type □ Brine Disposal □ CI	BM ■ Gas □ Oil □ Secondary Re	ecovery Solution Mining St	orage 🗆 Other
Type of Completion ■ Single □ N	Aultiple Fluids Produced D Br	ine □Gas □ NGL □ Oil	□ Other
Drilled with Cable Rotary	Tunge Truits Fronteed 25 Di	III. 1003 3110E 300	Li Ollici
Drilling Media Surface hole	Air 🗆 Mud Fresh Water	Intermediate hole Air 🗆 Muc	I ■ Fresh Water □ Brine
Production hole # Air # Mud	□ Fresh Water □ Brine		
Mud Type(s) and Additive(s) Saturated salt mud which inclu	des Caustic Soda, Barite, Lime	. New-Drill. Perma-Lose HT.	Xan-Plex D. X-Cide 102.
Soda Ash, and Sodium Chloric			
Date permit issued1/8/2014	Date drilling commenced	8/20/2014 Date drilling	
Date completion activities began	Not Yet Completed Date co	impletion activities ceased Not	Yet Completed
Verbal plugging (Y/N) N	Date permission granted	Granted by	Office of Oil and o
			JAN 1 9 2022
Please note: Operator is required to	submit a plugging application with	in 5 days of verbal permission to p	Environmental Prote
Freshwater depth(s) ft	120 Open mi	ne(s) (Y/N) depths	N N I Protect
Salt water depth(s) ft	4 484	encountered (Y/N) depths fige	the same of the sa
	040	e) encountered (Y/N) depths	N
Is coal being mined in area CY/N	N DE	The second secon	AR 1 3 2017
AF	PROVE	WV1	Reviewed by:
NAME	: Sen y 18	Environi	02/11/2022

DATE: 5-25-17

Page 2 of 4

API 47- 103	02952	Farm name_E	Erlewine, Ric	hard	Well no	ımber_#4H		
CASING STRINGS		Casing	Ne	w or Grade sed wt/ft	Ba		Did cement ci	rculate (Y/N) tails below*
Conductor	24"	20"			941 ppf		N	- GTS
Surface	17.5"	13.375" 1,215 1	B - 1,205' GL			21' & 200'	Y	- CTS
Coal	17.5"	13.375" 1,215 8	B - 1,205 GL	New J55 -	54.5 ppf 12	21' & 200'	Y	- CTS
Intermediate 1	12.25*	9.625" 2	,397'		- 36 ppf		Y	- CTS
Intermediate 2								
Intermediate 3								
Production	8.75"	5.5" 1	1,971'	New P110	- 20 ppf		N-TOC@1	,330' Calculated
Tubing								
Packer type and d	depth set							
CEMENT DATA Conductor Surface	Class/Type of Cement Type 1 HalCem Class "A" 1,215' KB - 1,205' GL	Number of Sacks 34 910	Slurry wt (ppg) 15.6 15.6	Yield (R. 3/sks) 1.18 1.18	Volume (fl. ²) 40 1,074	Cement Top (MD Surface Surface Surface	e e	WOC (hrs) 24.0 8.0 8.0
Intermediate I	1,215' KB - 1,205' GL	790	15.6	1.21	956	Surface	0	12.0
Intermediate 2								
Intermediate 3								
Production	Load-TunedSpacer3 Tell-VoriCon	Lead-178 Tail-2,240	Lead-14.5 Tall-15.2	Lead-2.37 Tail-1.20	Lead-422 Tall-2,68	1,330' Calcu	ulated	7.0
Tubing								
Plug back pro	h (ft) 5,715 MD / 5,701 TV	D □ caliper □	density a	g back to (ft)	onal □ indo	uction perature	JA	RECEIVED e of Oil and Ga N 1 9 2022 Department of mental Protection
Well cored	□Yes ■ No	Conventional	Sidewall	W	ere cuttings co	ollected •		
Production casing ha	THE CENTRALIZE 25 and 30. Intermediate casing had ad rigid spiral centralizers place	bow spring controlizers placed of on every fourth joint begin	in joints 4, 8, 12, 18, 20, 24	28 and 32.				
ou avery eighth joint	. A total of 5 bow spring centra	SWEETS WEITE FUN.						
WAS WELL	COMPLETED AS S	SHOT HOLE D	Yes No	DETAILS		O#in Fil	ECEIVE	D
WAS WELL	COMPLETED OPE	N HOLE? P	es 5 No	DETAILS _	-	-11.00	of Oil an	d Gas
WERE TRAC	ERS USED	s ■ No TY	PE OF TRACI	ER(S) USED _	Fin	MAL		
					CI.	vironmer	7/a02/4	101 102022

API 47- 103 _ 02952	Farm name Erlewine, Richard	Well number_#4H	
	A CONTROL OF THE PROPERTY OF T		

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
		P8 2			

Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

JAN 19 2022

Complete a separate record for each stimulation stage.

WV Department of Environmental Protection

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
								<u> </u>
			-					
				-			-	
-							Files	
						Ü	Hice of	HueD Hand Gas
								" and Gas
				-			WARY	2017
						על	VD.	. 2017
						Enviro	Discourse of the state of the s	ment of
lease	insert additio	nal pages as ap	plicable.				""rental	ment of Protection

API 47- 103	02952	Farm 1	name Erlewine	e, Richard		Well num	ber_#4H	
PRODUCING I	FORMATION(<u>s)</u>	<u>DEPTHS</u>					
Not Yet Comple	ted			_TVD		MD		
Please insert ad	ditional pages a	s applicable.				_		
GAS TEST	□ Build up □	Drawdown	□ Open Flow	OI	L TEST D	Flow 🗆 Pu	mp	
SHUT-IN PRE	SSURE Surf	ace	_psi Botto	m Hole	psi	DURATIO	N OF TEST	hrs
OPEN FLOW	Gas mcf	Oil pd	NGL opd	bpd	ater bpd	GAS MEA	ASURED BY	□ Pilot
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTIL IN FT MD				.ND RECORD QUA VATER, BRINE, OF	NTITYAND L, GAS, H ₂ S, ETC)
See Attached Sheet	0		0					
de ritacied direct								
		-					Office	RECEIVED of Oil and Gas
							JAN	1 9 2022
							Environme	partment of antal Protection
Please insert ad	l ditional pages a	s applicable.						rital Protection
Drilling Contra Address 2034 M					The Woodlar	ds State PA	V/TX Zip 25312	2 / 77381
Logging Compa	Scientific Di	illing and Schlu	mberger					
Address 124 Vis			City	Charleroi / We	ston	State PA	/WV Zip 15022	2 / 26452
Cementing Con Address 1178 U		erger	City	Weston		State W	V Zip 26452	2
3.7. a			,,,,,			State	Om Piece	786
Stimulating Cor Address	mpany		City			State	Zip O/	dine -
Please insert ad	ditional pages a	s applicable.					MARIN	105
Completed by	Greg Zofchak	11			Telephone	304-225-160	00	(1017)
Signature	Dy Zo	W	Title Dr	rilling Engineer			e 2/16/17	ten or
Submittal of Hy	draulic Fracturi	ing Chemical I	Disclosure Infor	mation A	ttach copy c	FRACFOC	US Registry	State Laborate



Stone Energy Corporation

Mary Prospect Erlewine Pad Erlewine 4H - Slot 4H

OH

Design: 4H As Drilled

Standard Survey Report

25 February, 2015

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JAN 19 2022

WV Department of Environmental Protection



www.scientificdrilling.com

O2/11/2022



Erlewine Pad Erlewine 4H Plan 6 GL 1212' & KB 18' @ 1230.00ft (Saxon 141) Mary Prospect

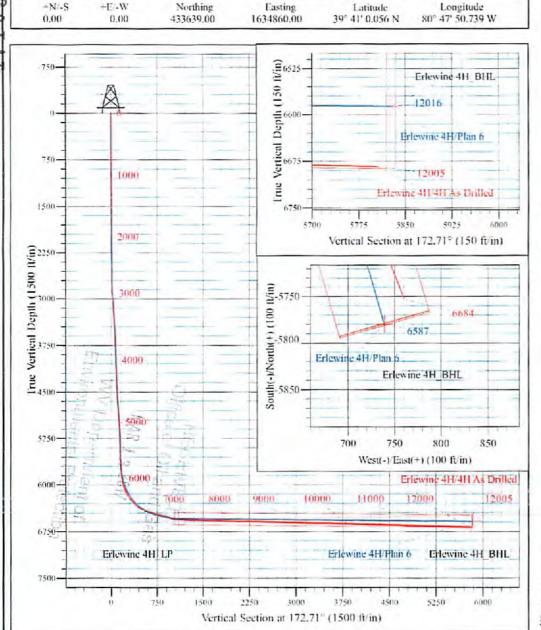
PROJECT DETAILS:

Geodetic System: US State Plane 1927 (Exact solution) Datum: NAD 1927 (NADCON CONUS)

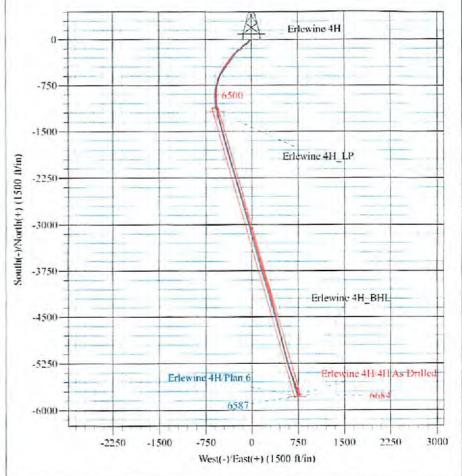
Ellipsoid: Clarke 1866

Zone: West Virginia North 4701 System Datum: Mean Sea Level

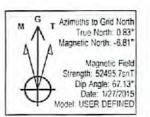




WELL DETAILS: Erlewine 4H



WV Department of Environmental Protection JAN 19 2022



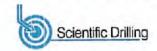
Shane Rhodes 17:34, February 24 2015

Scientific Drilling International 124 Vista Drive Charleroi, PA 15022



Scientific Drilling International

Survey Report



Company:

Stone Energy Corporation

Project: Site:

Mary Prospect Erlewine Pad Erlewine 4H

Well: Wellbore:

Design:

4H As Drilled

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Database:

Well Erlewine 4H - Slot 4H

GL 1212' & KB 18' @ 1230.00fi (Saxon 141) GL 1212' & KB 18' @ 1230.00h (Saxon 141)

Minimum Curvature

Northeast District

Project

Mary Prospect, Wetzel County. West Virginia

Map System: Geo Datum:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Map Zone:

West Virginia North 4701

System Datum:

Mean Sea Level

Site Erlewine Pad

Site Position:

From

Map

Northing:

Easting:

433,674.00 usft 1,634,878.00 usft

Latitude: Longitude:

39° 41' 0.404 N 80° 47' 50 515 W

Position Uncertainty:

Slot Radius:

13-3/16 "

Grid Convergence:

-0.83

Well Erlewine 4H - Slot 4H

Well Position

+N/-S +E/-W

0.00 ft 0.00 ft

0.00 ft

Northing: Easting:

433,639 00 usft 1,634,860 DO usft

Latitude: Longitude:

39° 41' 0 056 N 80° 47' 50 739 W

Position Uncertainty

0.00 ft

Wellhead Elevation:

0.00 ft

-7 64

Ground Level:

1,212 00 ft

Wellbore

OH

Magnetics Model Name

Sample Date User Defined 1/27/2015 Declination

Dip Angle

Field Strength (nT)

52.496

Design

Audit Notes:

Version:

1.0

Phase:

ACTUAL

Tie On Depth:

Direction

Office of Oil and Gas

Vertical Section:

Depth From (TVD) (ft)

0.00

+N/-S (ft) 0.00 +F/-W (ft) 0.00

(°)

67.13

172.71 WV Department of Environmental Protection

Survey Program 2/25/2015 From To

4H As Drilled

(ft) 108 00 2.561.00

5,676.00

(ft) Survey (Wellbore) 2,374.00 Survey 1 - Vaughn Gyro (OH) 5,638.00 Survey 2 - SDI MWD (OH)

12,005 00 Survey #3-SDI MWD (OH)

Tool Name VES GyroFlex MWD SDI

SDIMWD

Description

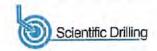
MWD - Standard ver 1 0 1 SDI MWD - Standard ver 1.0.1

Survey

Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (*/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00
108.00	0.39	50.22	108.00	0.24	0.28	-0.20	0.36	0.36	0.00
First VES G	yro @ 108 MD							. Ydhys	
208.00	0.30	85.60	208 00	0 47	0.81	-0 37	0.23	-0.09	35.38
308.00	0.33	99.50	308 00	0.45	1 35	-0.27	0.08	0.03	13,90
408.00	0.27	108.95	407.99	0.32	1 86	-0.08	0.08	-0.06	9.45
508.00	0.21	98,14	507.99	0.22	2 26	0.07	0.07	-0.06	2//-10.81
608.00	0.23	100.31	607 99	0.16	2.64	0 18	0.02	0.02	2.17
708.00	0.27	98.19	707.99	0.09	3.07	0.30	F 0.04	0.04	-212

Scientific Drilling International

Survey Report



Company:

Stone Energy Corporation

Project: Site:

Mary Prospect Erlewine Pad Erlewine 4H

Well: Wellbore:

OH

Design:

4H As Drilled

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Erlewine 4H - Slot 4H

GL 1212' & KB 18' @ 1230.00ft (Saxon 141)

GL 1212' & KB 18' @ 1230.00ff (Saxon 141)

Minimum Curvature

Northeast District

Office of Oil and Gas JAN 1 9 2022

S	u	ŕ	٧	١	,	y

Measured Depth (ft)	Inclination	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	WV Departme Falkironmental Pr Rate (*/100usft)
808.00	0.34	93,13	807.99	0.04	3.60	0.42	0.07	0.07	-5.06
908.00	0.34	96.12	907.99	-0.01	4.21	0.55	0.03	0.02	2.99
	1.0.			12.0		2.52	442	0.00	200
1,008.00	0.34	105.06	1,007,99	-0 12	4.81	0.73	0.06	-0.02	8.94
1.108.00	0.34	95.31	1,107.99	-0 23	5.39	0.91	0.06	0.00	-9.75
1,208.00	0.35	39.93	1,207.98	-0 02	5.88	0.77	0.32	0.01	-55.38
1,316.00	0.68	242.28	1,315 98	-0.07	5.53	0.77	0.94	0.31	-145,97
1.410.00	2.38	244.42	1,409.94	-1.17	3.27	1.57	1.81	1.81	2.28
1,504.00	4.25	245.03	1,503.78	-3 48	-1.65	3.24	1.99	1.99	0.65
1,608 00	3.70	246.44	1 607 53	-6 45	-8 22	5.35	0.54	-0.53	1.36
1,708.00	2.54	247.04	1.707 38	-B 60	-13.21	6.86	1.16	-1.16	0.60
1,808,00	1.99	247.05	1,807,30	-10 14	-16 85	7 93	0.55	-0.55	0.01
1,908.00	1.57	247.66	1,907.26	-11 34	-19.72	B 75	0.42	-0.42	0.61
2,008.00	1.13	249.37	2.007.23	-12 21	-21 91	9 33	0.44	-0.44	1.71
2,108.00	1,12	246.99	2,107.21	-12.94	-23 73	9.83	0.05	-0.01	-2 38
2,208.00	0.70	246.44	2,207.20	-13.57	-25.19	10 26	0 42	-0.42	-0.55
2,308.00	0.75	251,54	2.307.19	-14 02	-26.37	10 56	80.0	0.05	5.10
2,374.00	0.76	289.04	2 373 18	-14 16	-27 22	10 60	0.35	0.02	26 52
	ro @ 2374 MD	200.04	20/010	1110		10.00	0.00	7.75	11.75
		not an	0.500.47	40.00	00.46	40.05	0.40	0.00	0.67
2,561 00 Fire! SDI MV	0.65 VD @ 2561 MD	285.26	2,560.17	-13 90	-29.4B	10.05	0.12	-0.06	B.67
2.655.00	1.07	262.83	2,654 16	-13.87	-30.67	9.85	0.56	0.45	-23.86
2,750.00	1.98	209.55	2,749.13	-15.41	-32.56	11 16	1.67	0.96	-56.08
2,844.00	3.40	212.24	2.843.02	-19 18	-34.85	1461	1,52	1 51	2 86
2,938 00	4.99	209.26	2,936.77	-25.11	-38.33	20 04	1.71	1.69	-3 17
2,930 00	4.33	205,20	2,550//	-23.11	-30.33	20 04	1.77	1.03	5.17
3,032.00	6.09	211.64	3,030,33	-32.92	-42.95	27 21	1.20	1 17	2 53
3,127.00	5.62	222.69	3.124.75	-41.23	-49.30	34.65	1.40	0.56	11.53
3,221.00	6.57	226,46	3.218 12	-48 92	-56 87	41.31	0.46	-0.05	4.01
3,315.00	6,52	230.16	3,311.51	-56.04	-64.87	47 36	0.45	-0.05	3.94
3,409.00	6.73	234,33	3,404.88	-62,67	-73.44	52 85	0.56	0.22	4 44
3,503.00	6,66	230.71	3,498,24	-69.34	-82 14	58 36	0.46	-0.07	-3.85
3.597 DO	6.16	238.92	3,591 66	-75 39	-90 67	63 29	1.11	-0.53	8.73
3,691.00	6.12	243.03	3,685 12	-80.27	-99 46	67 01	0.47	-D.04	4.37
3,785.00	4.63	238.77	3,778.70	-84 51	-107 17	70.24	1.64	-1.59	-4.53
3,879.00	3.95	230.44	3,872,44	-88.54	-112 91	73.50	0.98	-0.72	-B.BG
3,975.00	3.84	231.11	3,968.22	-92.66	-117.96	76 95	0.12	-0.11	0.70
4,069.00	3.75	231.37	4,062,01	-96.56	-122.81	80 20	0 10	-0 10	0.28
4,163.00	2.59	231.85	4.155.87	-99.79	-126.8B	82.89	1.23	-1.23	0.51
4,257.00	3.18	229.80	4,249.75	-102 78	-130 55	85.40	0.64	0.63	-2 18
4,352.00	4.03	238.70	4,344.56	-106.22	-135 41	88 19	1.07		9 37
4 446 00	4.54	220.42	4.420.20	140.00	741.10	64.67	0.02	0.62	0.12
4,446.00	4.61	230.13	4,438.29	-110 36	-141 13	91.57	0.92	0.62	-9 12 -16.12
4,634.00	5.29	214.98 211.09	4,531.95 4,625.56	-116.33	-146.52	96.81	1.56 0.43	-0.21	-4.14
4,727.00	5.09 5.35	212.52	4,718.18	-123.45	-151 15	103.28	0.31	0.28	1.54
4,822.00	3.33	212,02	1,7.10.10	130.64	-155.62	109.85	Ual	0.20	1.04



Scientific Drilling International Survey Report



Company:

Stone Energy Corporation

Project: Site: Well: Mary Prospect Erlewine Pad Erlewine 4H

Wellbore:

ОН

Design: 4H As Drilled

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Database:

Well Erlewine 4H - Slot 4H

GL 1212' & KB 18' @ 1230.00ft (Saxon 141)

GL 1212' & KB 18' @ 1230.00ft (Saxon 141)

Grid

Minimum Curvature Northeast District Office of Oil and Gas

	DOM:			*******			0.55	consen		JAN 19 2022
Meas	oth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turby Department o ErRatenmental Protec (*/100usft)
(ft	9	(°)	(°)	(ft)	(fi)	(ft)	(ft)	(°/100usft)	(°/100usft)	(°/100usft)
4.9	916.00	6.75	219.33	4,906 08	-146.46	-168.27	123.93	0.54	0.50	-1.71
5.0	011 00	6.58	225.26	5,000 44	-154.61	-175 68	131.08	0.75	-0.18	6.24
5.1	105.00	6.94	230.88	5,093.79	-161.98	-183.91	137 35	D.BO	0.38	5.98
5.1	199.00	6 37	242.44	5,187 16	-167.98	-192.94	142 15	1 55	-0.61	12.30
5,2	294 00	5.34	252.28	5,281.66	-171.76	-201.82	144.78	1.51	-1.08	10,36
5.3	388.00	4.81	255.74	5,375.29	-174.00	-209.82	145.98	0.70	-0.56	4.74
	181 00	5.26	250.51	5,467.94	-176.31	-217.64	147.29	0.76	0.48	-6.70
	575.00	4.91	232.21	5,561.57	-180.22	-224.88	150.24	1.76	-0.37	-19.47
	38.00	4.98	213,88	5,624.34	-184.14	-228.53	153.67	2 50	0.11	-29 10
	376 00	5.36	216.83	5,662 19	-186.93	-230,52	156 18	1.22	1 00	7.76
5.7	00 807	5.41	216.02	5,694 05	-189.34	-232.30	158.35	0.28	0.16	-2.53
	740.00	6.04	214.17	5,725.89	-191.96	-234.13	160.71	2.05	1.97	-5.78
	771 00	7.33	217.56	5,756.67	-194 87	-236 25	163.34	4.35	4 16	10.94
	303.00	8.91	219.45	5,788.35	-198.41	-239 07	166.48	5.01	4.94	5.91
	335.00	10.42	222.18	5,819.90	-202.46	-242.59	170 06	4.93	4.72	8 53
6.0	367 00	11.63	221.42	5,851 31	-207 03	-246,67	174.07	3.81	3.78	-2.38
	399 00	13.56	222.23	5,882 53	-212.22	-251.32	178.64	6.06	6.03	2.53
	331 00	16,01	223.20	5,913.47	-218.22	-256 87	183.88	7.69	7.66	3.03
	962 00	18.25	223.84	5,943.10	-224.84	-263 16	189.65	7.25	7.23	2.06
	92 00	20 65	224.14	5,971.38	-232.02	-270.10	195.90	B 01	8 00	1.00
	222.00	22.92	223.98	5,999 24	-240.02	-277.84	202 85	7.57	7.57	-0.53
	22.00	25.15	223.03	6,026.63	-248.89	-286.24	210.58	7 54	7.43	-3.17
	052.00	27.64	221.47	6,053.51	-258.77	-295.20	219.24	8 62	8.30	-5.20
	113.00	30.38	220.08	6,080.61	-270 15	-305.01	229.29	9.10	8.84	-4.48
	143.00	33.13	219.11	6,105.12	-282 32	-315.07	240.08	9.32	9.17	-3,23
	170 00	26.27	219.27	6,130.78	-295 65	-325 74	251.95	10.59	10.47	-2 80
	173.00	36.27	218 27			-337.35	265.44	10.72	10,39	-4 32
	204.00	39.49	216.93	6,155.25	-310.74 -327 11	-349.59	280.13	11.40	11.39	-0.94
	235 00	43.02	215,64 215,71	6,178 55 6,200 15	-343.91	-361.87	295.24	6.47	6.10	-3.10
	265.00 295.00	44.85 46.66	215.71	6,221 08	-361 35	-374.42	310.95	6.04	6.03	0.27
		10.00	215.11	C 244 24	270.22	207.40	327 03	5.98	5.77	2.07
	325.00	48.39	216.41	6,241.34	-379.23 -398.25	-387.46 -401.43	344.12	7.64	7.61	-0.81
	356.00	50.75	216.16 214.67	6,261.44 6.280.14	-417 37	-415.02	361 36	6.05	4 63	-4 97
	386 00 416 00	52.14 53.87	213.35	5,298 19	-437 23	-428.42	379.37	6.75	5.77	-4.40
	446 00	55.86	213.32	6,315 46	-457 73	-441 90	397 99	6.63	6.63	-0.10
	170.00	F0.40	710.00	C 201 70	470.03	155.00	A17 10	8 65	8.57	-1 43
	476.00 ene on	58 43	212,89	6,331.73	-478.83 -500.65	-455.66 -469.45	417 18	7.07	6.23	-3.87
	506.00 536.00	60.30 61,55	211.73 209.76	6,347.02 6,361.60	-500.65 -523.18	-482.85	457.72	7.09	4.17	-6.57
	567.00	63,24	209.76	6,375.96	-547.24	-496 11	479.91	7.52	5.45	-5.84
	597.00	63,24 64 62	205.32	6,389 15	-571 33	-508 18	502.27	9.12	4,60	-8 77
	627 00	67.15	202.95	6.401.41	-596 32	-519.37	525.63	11.09	8.43	-7 90
	658.00	69.13	200.43	5,412 95	-623.05	-530.00	550.80	9.88	6,39	-B 13
	688.00	70.70	198.44	6,423.25	-649.62	-539.37	575 97	8.14	5 23	-6.63



Scientific Drilling International Survey Report

Company:

Stone Energy Corporation

Project: Site:

Mary Prospect Erlewine Pad Erlewine 4H

Well: Wellbore:

4H As Drilled Design:

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Erlewine 4H - Slot 4H

GL 1212' & KB 18' @ 1230.00fl (Saxon 14) CECEIVED Office of Cili and Gas

JAN 1 9 2022 Northeast District

esign: 4n	As Dilled			Database:			Northeast Distr		19 20
ırvey								E	WV Department
Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	WV Department Turn Rate (*/100usft)
6,717.00	72.01	197,13	6,432.52	-675.78	-547.76	600.85	6.22	4.52	-4.52
6.747.00	73.07	195.27	6,441.53	-703.26	-555.74	627.10	6.89	3.53	-6.20
			2000						
6,777.00	73.50	193.50	6,450.16	-731.09	-562.88	653.80	5,83	1.43	-5,90
6,807.00	74.26	191.06	6,458.49	-759.25	-569.01	680.96	8.21	2.53	-8.13
6,837,00	74.55	188.93	6,466.55	-787.70	-574.02	708.54	6.91	0.97	-7.10
6 868 00	74.63	185.91	6.474.79	-817.34	-577.88	737.45	9 40	0.26	-9.74
6,898.00	74.78	184.06	6,482.71	-846.16	-580.40	765.72	5.97	0.50	-6 17
6,928.00	74 86	181 69	6,490.56	875.08	-581.85	794.22	7.63	0.27	-7.90
6 959 00	74.68	179 52	6,498.71	-904 98	-582 17	823.85	6.78	-0.58	-7 00
6,991 00	74 61	177.70	6,507 18	-935.83	-581.42	854.54	5.49	-0.22	-5.69
7,022.00	74.71	177 83	6,515.38	-985.70	-580.25	884.32	0.52	0.32	0.42
7,054.00	74.94	176.16	6,523.76	-996.54	-578.63	915.11	5.09	0.72	-5.22
7,086.00	76.20	175.22	6,531.73	-1,027.45	-576.30	946.05	4.86	3.94	-2.94
7,118.00	78 78	174.38	6,538.66	-1.058.55	-573.47	977.28	8.46	8,06	-2.63
7,150.00	81 10	173.68	6,544.25	-1,089.89	-570.19	1,008.78	7.56	7.25	-2 19
7,181.00	83.29	172.27	6,548.46	-1 120.37	-566.44	1,039.49	8.38	7.06	-4.55
7.213.00	83.88	170 75	6,552 04	-1 151 82	-561 74	1,071.28	5.07	1.84	-4.75
7.244.00	83.13	168.20	6,555.55	-1,182 10	-556 12	1,102.03	8.52	-2.42	-8.23
7,276.00	84.45	166.28	6,559.01	-1,213 12	-549.09	1,133 69	7.25	4.13	-6.00
7,308.00	85.47	164.79	6,561,54	-1,244 01	-541 12	1,165.34	7.84	6.31	-4.66
7,340.00	85.41	164.96	6,563.53	-1,274 84	-532.79	1,196.98	0.56	-0.19	0.53
7.404 00	88 12	165.41	6.566 58	-1,336.64	-516.44	1,260,35	2.76	2.67	0.70
7,468.00	88.09	165.01	E 600 70	1 208 40	500.44	4 000 77	0.00	0.05	
7,532.00	88.29	166.21	6,568 70 6,570.72	-1,398.49 -1,460.45	-500,11	1,323,77	0.63	-0.05	-0 63
7,595.00	87 92	156.24	6,572.80	-1,521.60	-484.22	1,387 24	1.90	0.31	1.88
7,659.00	88.82	165.35	6.574.62	-1 583 62	-469.22 -453.53	1,449.81	0.59	-0 59 1 41	0.05
7,723.00	89.46	164.75	6 575 58	-1.645.44	-437.02	1,576.73	1.37	1.00	-1.39 -0.94
			7177.74		101.02	1,074.70	1.01	1.00	-0.04
7,785 DO	88.99	164.01	5.576 44	-1,706 11	-420 06	1,639 06	1 39	-0.75	-1 17
7,850.00	89.09	164.22	6,577 51	-1,767.56	-402.54	1,702.33	0.36	0.16	0.33
7,913.00	88.69	163,79	6,578.73	-1,828.21	-385.18	1,764.60	0.93	-0.63	-0,68
7,977 00	88,56	164.00	6,580 26	-1,889.68	-367.44	1,827,82	0.39	-0.20	0.33
8,041.00	88.16	163.76	6,582 10	-1,951,14	-349 67	1,891.04	0.73	-0.63	-0.38
8,104 00	88.52	164 18	6,583.92	-2,011.66	-332.28	1,953.28	0.88	0.57	0.67
8,168,00	88.89	163 79	6,585.37	-2,073 16	-314.63	2,016.52	0.84	0.58	-0.61
8,232.00	89.26	163.21	6,586.40	-2,134.52	-295.46	2,079.68	1.07	0.58	-0.91
8,296.00	89,63	163.20	6,587.02	-2,195 78	-277.97	2,142.80	0.58	0.58	-0.02
8,359 00	89 23	162 92	6,587 65	-2,256.05	-259.61	2,204.91	0.78	-0.63	-0.44
9 422 00	90.42	1co no	£ 600.00	2 210 20	011.15	n ac= 22	1 1120	1 1 200	1. 3.5
8,422.00 8,485.00	89.43 89.53	163.08 163.57	6,588.38	-2,316.29	-241 19	2,267 00	0.41	0.32	0.25
8,550.00	89 60	163.30	6,588.96 6,589.45	-2,376.64 -2,438.94	-223.12	2,329 15	0.79	0.16	0.78
8,613 00	88.66	163.13	6,590 41	-2,438.94	-204.58 -186.39	2,393.30 2,455.43	0.43 1.52	0.11	-0.42
8,676,00	87.95	162.57	6 592 27	-2,559.42	-167.82	2,517.47	1.44	-1.49	-0.27 -0.89
				4		-45 (1) 41	1000	107	w.w.
8,740.00	B7 35	162.23	6,594.89	-2,620 37	-148.49	2,580.38	1.08	-0.94	-0.53



Scientific Drilling International

Survey Report



Company: Project:

Stone Energy Corporation

Site: Well:

Mary Prospect Erlewine Pad Erlewine 4H

Wellbore:

ОН

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method: Database:

Well Erlewine 4H - Slot 4H

GL 1212' & KB 18' @ 1230.00ft (Saxon ME) GL 1212' & KB 18' @ 1230.00ft (SakGreen Dil and Gas

Minimum Curvature Northeast District

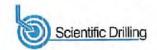
JAN 19 2022

esign:	4H /	As Drilled			Database:		2	Northeast Distri	CI	MAIN
irvey									Env	WV Department ironmental Prote
							Samuel S	277.77	15/01	TOLE
	sured			Vertical			Vertical	Dogleg	Build	Turn
	pth	Inclination	Azimuth	Depth	+N/-S	+EI-W	Section	Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(*/100usft)	(°/100usft)	(°/100usft)
В	804.00	87.78	162 77	6,597 61	-2,681.35	-129.26	2,643.31	1.08	0.67	0.84
8	867.00	87.95	163.44	6,599 96	-2,741 59	-110.97	2,705.38	1.10	0.27	1.06
	930.00	88.36	163.64	6,601 99	-2,801.98	-93 12	2,767 54	0.72	0.65	0.32
	993.00	87.92	163.02	6,604.03	-2,862.30	-75.06	2,829.67	1 21	-0.70	-0.98
0	057.00	88.09	163.30	6,606 26	-2 923 52	-56.53	2,892.74	0.51	0.27	0 44
			163.68		-2.983.89	-38.64		0.65	0.25	0.60
	120.00	88.25		6,608.27			2,954.90			
	184.00	88.42	164.23	6.610.13	-3,045.37	-20.96	3,018.12	0.90	0.27	0.86
	247.00	89.00	164.10	6,611.55	-3,105 95	-3.77	3,080 41	0.94	0.92	-0.21
9	,310.00	89.03	165.10	6,612,63	-3.166.69	12.96	3,142.77	1.59	0.05	1.59
9	374 00	88.69	164.60	6,613,91	-3 228 46	29.68	3,206.15	0.94	-0.53	-0.78
9	437 00	88.35	164.30	6.615.53	-3,289.13	46.56	3,268.48	0.72	-0.54	-O 4B
9	501 00	88.86	164.31	6,617.09	-3,350 72	63 87	3.331 77	0.80	0.80	0.02
	564.00	89.70	164.03	6,617.88	-3,411 33	81.06	3,394 06	1.41	1.33	-0.44
	528 00	89 80	163.92	6,618 16	-3,472.84	98.72	3,457 32	0.23	0 15	-0 17
	692.00	89.26	163.49	6,618.69	-3,534.27	116.68	3,520.53	1.08	-0.84	-0.67
	755.00	88.56	163.15	6,619.89	-3,594.61	134 76	3.582.67	1.24	-1 11	-0.54
	819.00									
		89.06	163.42	6,621.22	-3,655 89	153.16	3,645,79	0.89	0.78	0.42
	,882.00	89.03	163.09	6,622.27	-3,716.21	171.31	3,707,93	0.53	-0.05	-0.52
9	946.00	88.19	163,42	6.623.82	-3.777.4B	189.74	3,771.04	1.41	-1 31	0.52
10	009.00	87.92	153.68	6,625.96	-3,837.86	207 57	3,833 20	0.59	-0.43	0.41
10	072.00	87.62	163.68	6,628.41	-3,898.28	225.26	3.895.37	0.48	-0.48	0 00
10	136.00	87.58	163.28	6,631.09	-3,959.58	243.45	3,958.49	0.63	-0.06	-0.63
10	200 00	87.99	164.05	6 633 56	-4.020.95	261 43	4,021 64	1.36	0.64	1 20
	263 00	88.76	163.97	6,635 35	-4.081 49	278 78	4,083.89	1 23	1.22	-0.13
10	326.00	88 66	165.29	6,636 77	-4,142.22	295.47	4 146 25	2 10	-0.16	2 10
	390.00						4.146.25			
		88 59	166.06	6,638 30	-4,204 21	311 30	4,209.75	1.21	-0.11	1.20
	454 00	89.23	165.78	6,639,52	-4,266,28	326.87	4,273.28	1.09	1.00	-0.44
	518.00	89.26	165.63	6,640.36	-4,328 29	342.67	4.335.80	0 24	0.05	-0.23
10	581.00	88.76	165.58	6,641.45	-4,389.30	358.33	4,399.31	0.80	-0.79	-0 08
10	645.00	88.79	166.43	5.642.82	-4.451 39	373 81	4,462 85	1.33	0.05	1.33
	709 00	87.92	165.75	5,644.66	-4,513.49	389 18	4,526 40	1.73	-1.36	-1.0G
10	770.00	87.38	165.84	5,647 16	-4,572 57	404 14	4,586 90	0.90	-0.89	0.15
10	834 00	87,45	165,66	6,650.04	-4,634 54	419.88	4,650.37	0.30	0.11	-0 28
10	898.00	87.41	166.26	6,652 91	-4.696.56	435.39	4,713 86	0.94	-0 06	0.94
10.	,962.00	87.25	165 81	6,655.90	-4,758.60	450.82	4,777 35	0.75	-0.25	-0.70
	026.00	87.75	165,17	6,658.69	-4,820 50	466 84	4.840.79	1 27	0.78	-1.00
	00.680	87.71	165.93	6,661 18	-4,881 46	482.54	4.903.24	1.21	-0.06	1.21
	152.00	87.68	165.00	6,663 72	-4,942 40	498.34	4,965,69	1.48	-0.05	-1.48
	215.00	88.96	165 64	6,665 56	5,003.31	514 30	5,028 14	2.27	2.03	1.02
11	279.00	89.13	163.89	g gen no	5 OPE OF	524.42	600164	0.75	0.07	0.70
	342.00	89.06		6,666.63	-5,065 05	531 12	5,091.51	2.75	0.27	-2 73
			164.47	6.667 63	-5,125.66	548.29	5,153.81	0 93	-0 11	
	406.00	89.26	164 28	6,668 56	-5,187.29	565 52	5,217.12	0.43	0.31	-0.30
	470.00	89.10	163 99	6,669.48	-5,248.84	583.02	5,280.40	0 52	-0.25	-0.45
11,	534.00	88.82	163.63	6,670.64	-5,310.29	600.86	5,343.62	0.71	-0.44	-0.56



Scientific Drilling International

Survey Report



Company: Project:

Stone Energy Corporation

Site: Well: Mary Prospect Erlewine Pad Erlewine 4H

Wellbore:

OH

4H As Drilled Design:

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method: Database:

Well Erlewine 4H - Slot 4H

GL 1212' & KB 18' @ 1230.00fi (Saxon 141) GL 1212' & KB 18' @ 1230.00fi (Saxon 141)

Grid

Minimum Curvature

Northeast District

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100usft)	(°/100usft)	Rate (°/100usft)
11,597.00	88.43	161,83	6,672.15	-5,370.43	619.56	5,405.64	2.92	-0 62	-2.86
11,660.00	88.22	160,68	6,673.99	-5,430.06	639.79	5,467.36	1.85	-0.33	-1.83
11,724.00	88.02	159.70	6,676.09	-5,490 24	661 47	5,529.80	1.56	-0.31	-1.53
11,788.00	88.39	159.18	6,678.10	-5,550 14	683.94	5,592.06	1.00	0.58	-0.81
11,851.00	88.39	159.74	5,679 87	-5,609.11	706.03	5,653.36	0.89	0.00	0.89
11,915 00	88.69	159.59	6,681 50	-5,669.10	728 26	5,715.69	0.52	0.47	-0.23
11,947.00	88.73	158.92	6,682,22	-5,699.02	739 60	5,746.80	2.10	0.13	-2.09
Last SDI MW	/D @ 11947 MD								
12,005.00	88.73	158.92	6.683.51	-5,753.12	760.45	5,803.11	0.00	0.00	0.00

Measured	Vertical	Local Con	rdinates		
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
108.00	108.00	0.24	0.28	First VES Gyro @ 108 MD	
2.374.00	2,373.18	-14.16	-27.22	Last VES Gyro @ 2374 MD	
2.561.00	2,560.17	-13.90	-29.48	First SDI MWD @ 2561 MD	
11,947.00	6,682.22	-5,699.02	739.60	Last SDI MWD @ 11947 MD	
12,005.00	6,683.51	-5,753.12	760.45	Projection to Bit @ 12005 MD	

Checked By:	Approved By:	Date:

Office of Oil and Gas

JAN 1 9 2022

WV Department c Environmental Protec

02952

WW-4A Pevised **6-07**

D Date.	January 10 2022	
2) Operator	's Well Number	
Erlewine 4H		

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

3) API Well No : 47 -

4) Surface (a) Name	Owner(s) to be served. See Allached	5) (a) Coal Operator	
(a) Name Address	See Attached	Name Name	
Address		Address	
(b) Name	•	(b) Coal Ow	ner(s) with Declaration
Address		Name	See Attached
		Address	
(c) Name		Name	
Address		Address	
6) Inspector	Bryan Harris	(c) Coal Less	see with Declaration
Address	PO Box 157	Name	
	Volga, WV 26238	Address	
Telephor	e 304-553-6087		

${f TO}$ ${f THE}$ ${f PERSONS}$ ${f NAMED}$ ${f ABOVE}$: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW 4B, which sets out the parties involved in the work and describes the well its and the plugging work order and
- (2) The plat (surveyor's map) showing the well location on Form WW 6

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side However, you are not required to take any action at all

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas. West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

	Well Operator	EQT Production Company	
[One of Parameters Nation Cont.]	By:	Erin Spine	
Commonwealth of Pennsylvania - Notary Seal Rebacca Shrum, Notary Public	Its:	Manager - Subsurface Permitting	
Beaver County	Address	400 Woodcliff Drive	
My commission expires March 9, 2024		Canonsburg PA 15317	OSS RECEIVED
Commission number 1267706 Member, Pennsylvania Association of Notaries	Telephone	(724) 271-7380	Office of Oil and Ga
Member, Pennsylvania Association of recizings	•		

Subscribed and sworn before me this 10th day of January, 7672 WW Department of Environmental Protection

•

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of husiness or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacy officer any gov.

Erlewine Pad WW-4A Attachment

Surface Owner:

Richard L. Erlewine 1834 PROCTOR CREEK RD PROCTOR, WV 26055

Access Owner:

EQT Production Company PO BOX 6135 PITTSBURGH, PA 15212

Martha J. Arrick 17954 ENERGY RD PROCTOR, WV 26055

Christy D. Wilson 2997 HUFF RIDGE RD NEW MARTINSVILL, WV 26155

Linda Anderson 2641 HUFF RDG NEW MARTINSVILL, WV26155

Coal Parties:

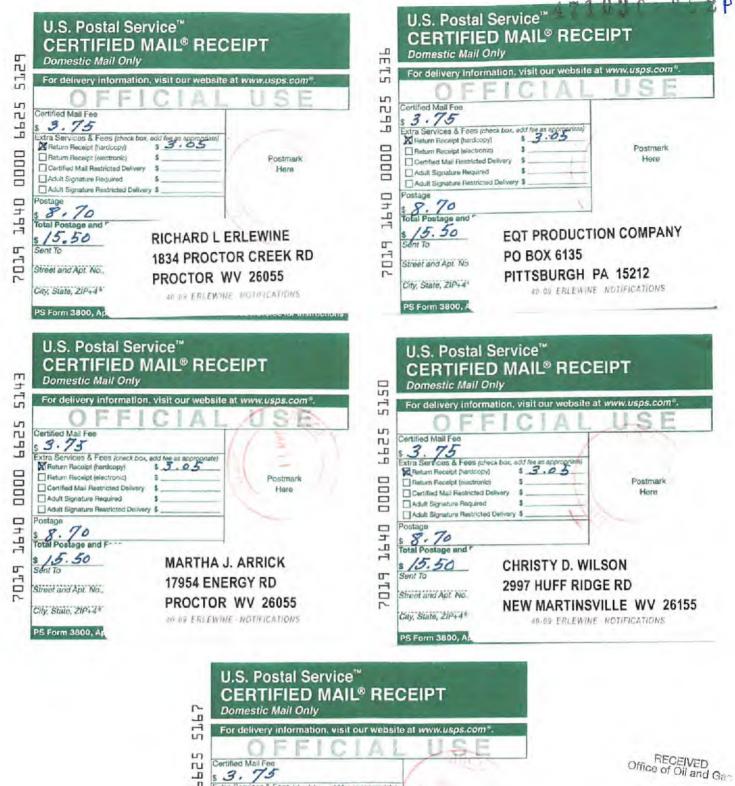
Richard L. Erlewin (All Coal Seams Excluding the Pittsburgh Seam)
1834 PROCTOR CREEK RD
PROCTOR, WV 26055

CNX Resource Holdings LLC (Pittsburgh Coal) 1000 CONSOL ENERGY DRIVE SUITE 400 CANONSBURG, PA, 15317

CNX Gas Company LLC (CBM) 1000 CONSOL ENERGY DRIVE CANONSBURG, PA, 15317 RECEIVED
Office of Oil and Gas

JAN 19 2022

WV Department of Environmental Protection





* * A A A M *

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only TU 57 For delivery information, visit our website at www.usps.com® S Certified Mail Fee П 3.75 J xtra Services & Fees (check box, add fee as appropriate, J A Return Receipt (hardcopy) 0000 Return Receipt (electronic) Postmark Certified Mail Restricted Delivery Here Adult Signature Required Adult Signature Restricted Delivery \$ 마 8.70 Total Postage and \$ 15.50 RICHARD L ERLEWINE 0 1834 PROCTOR CREEK RD 10 Street and Apt. No., PROCTOR WV 26055 City, State, ZIP+48 40-09 ERLEWINE NOTIFICATIONS PS Form 3800, Ap U.S. Postal Service™ CERTIFIED MAIL® RECEIPT 5112 Domestic Mail Only For delivery information, visit our website at www.usps.com*. Certified Mail Fee П 3.75
xtra Services & Fees (check box, add fee as appropri J L Return Receipt (hardcopy) 0000 Return Receipt (electronic) Postmark Curtified Mail Restricted Delivery Here Adult Signature Required Adult Signature Restricted Delivery \$ 머 5 8.70 Total Postage and CNX RESOURCE HOLDINGS LLC 15.50 (PITTSBURGH COAL) 707 1000 CONSOL ENERGY DRIVE Street and Apt. No. SUITE 400 CANONSBURG PA 15317 City, State, ZIP+41 40-09 ERLEWINE NOTIFICATIONS PS Form 3800, A U.S. Postal Service™ **CERTIFIED MAIL® RECEIPT** Domestic Mail Only LO Certified Mail Fee **662** Extra Services & Faes (check box, add for as appropriate)

Return Receipt (hardcopy) 0000 Return Receipt (electronic) Postmark Certified Mail Restricted Deliver Here Adult Signature Required Adult Signature Restricted De 1640 Postage \$ 8.70 Total Postage and \$15.50 CNX GAS COMPANY LLC (CBM) U 707 1000 CONSOL ENERGY DRIVE Street and Apt. No. CANONSBURG PA 15317 City, State, ZIP+4° 40-09 ERLEWINE HOTIFICATIONS PS Form 3800, A

Office of Oil and Gas

JAN 19 2022

WV Department of Environmental Protection

SURFACE OWNER WAIVER

Operator's Well Number

Fri	ewi	ne	41	4
CI.	CVVI		41	1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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 57th St. SE Charleston, WV 25304 (304) 926-0450

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JAN 19 2022

WV Department of Environmental Profession

Time Limits and methods for filing comments. The law requires these materials to be served diffestion before the date the operator files his Application. You have FIVE (5) 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 adequate 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.

Comments must be in writing. 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.

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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I had objection to a permit being issue FOR EXECUTION BY A NATUETC.	d on those materials.	ne planned wor		ese materials, and I have no
Gi otomo	Date	Name		
Signature		By Its		Date
			Signature	02/11/2 <mark>922</mark>

API No.	47-103-02952 ₽
Farm Name	Erlewine
Well No.	Erlewine 4H

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

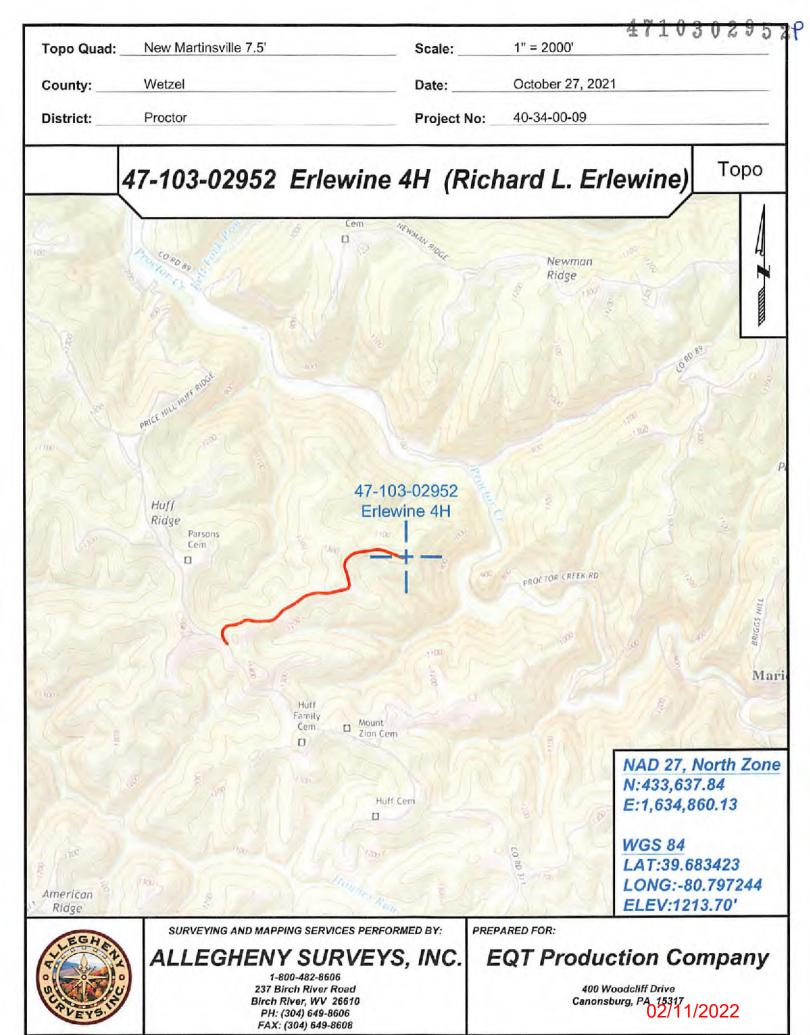
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Office of Oil and Gas

JAN 19 2022

WV Department of Environmental Protection

WAIVER

The undersigned coal operatorhas examined this proposed plugging workdone at this location, provided, the well	order. The	undersigned has	s no objection to the work pro	oposed to be
Virginia Code and the governing regulation	-	complica with	an approadic requirements	or the west
vinginia code and are governing regularion				
Date:				
	By:			_
	•			



WW-9 (5.16)

API Number 47 103 02952 Operator's Well No - Friewine 4H

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

FIUIDS CULTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company	OP Code 306686
Watershed (HUC 10) Tributary of Proctor Creek	Quadrangle New Martinsville 7.5
Do you anticipate using more than 5,000 bbls of water to complet	te the proposed well-work? Yes No 🔽
Will a pit be used? Yes No ✓	
If so, please describe anticipated pit waste	·
Will a synthetic liner be used in the pit? Yes	No If so, what ml?
Proposed Disposal Method For Treated Pit Wastes	
Land Application (if selected provide Underground Injection (UIC Permit) Reuse (at API Number Off Site Disposal (Supply form WW-Other (Explain	Number ()
Will closed loop systembe used? If so, describe:	
Drilling medium anticipated for this well (vertical and horizontal	b? Air, freshwater, oil-based, etc
-H oil based, what type 1 Synthetic, petroleum, etc	
Additives to be used in drilling medium?	
Drill cuttings disposal method? Leave in pit, landfill, removed o	fisite, etc
-If left in pit and plan to solidify what medium will be u	ised? (cement, lime, sawdust)
-Landfill or offsite name/permit number?	
Permittee shall provide written notice to the Office of Oil and Ca West Virginia solid waste facility. The notice shall be provided with where it was properly disposed.	is of any load of drill cuttings or associated waste rejected at any outhin 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Cas of the West Virgi provisions of the permit are enforceable by law. Violations of an or regulation can lead to enforcement action. I certify under penalty of law that I have personally of	examined and am familiar with the information submitted on this injury of those individuals immediately responsible for obtaining and complete. I am aware that there are significant penalties for imprisonment. JAN 1920
Subscribed and swom before me this 10th day of the My commission expires March 9, 2024	Notary Public Notary Public Rebecca Shrum, Notary Public Beaver County Mycommission expires March 9, 2024 Commission number 1267706 Member, Pennsylvania Association of Notaries

EQT Production Water plan Offsite disposals

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive Bridgeport, WV 26330 304-326-6027 Permit #SWF-1032-98 Approval #100785WV

Waste Management - Northwestern Landfill

512 E. Dry Road Parkersburg, WV 26104 304-428-0602 Permit #SWF-1025 WV-0109400 Approval #100833WV

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WV Department of Environmental Protection

		6 5	
	Tons/acre or to com		
Fertilizer type	(10-20-20) or equivalent		
Fertilizer amo	_{unt} 1/3 ton	lbs/acre	
Mulch 2		Tons/acre	
		Seed Mixtures	
	Temporary	Perm	anent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Aslike Clover	5	Aslike Clover	5
Annual Rye	15		
Maps(s) of road, location rovided). If water from L, W), and area in acr	on, pit and proposed area for la m the pit will be land applied, p es, of the land application area f involved 7.5' topographic she		uding this info have been , W, D) of the pit, and dimen
provided). If water from L, W), and area in acressing the control of the control	m the pit will be land applied, pes, of the land application area finvolved 7.5' topographic sheet	provide water volume, include dimensions (L	uding this info have been , W, D) of the pit, and dimen
Maps(s) of road, location of the control of the con	m the pit will be land applied, pes, of the land application area finvolved 7.5' topographic sheet	provide water volume, include dimensions (L	., W, D) of the pit, and dimen
Maps(s) of road, location of the control of the con	m the pit will be land applied, pes, of the land application area	provide water volume, include dimensions (L et.	., W, D) of the pit, and dimen
Maps(s) of road, location of the control of the con	m the pit will be land applied, pes, of the land application area finvolved 7.5' topographic sheet	provide water volume, include dimensions (L et.	., W, D) of the pit, and dimen
Maps(s) of road, location of the control of the con	m the pit will be land applied, pes, of the land application area finvolved 7.5' topographic sheet	provide water volume, include dimensions (L et.	., W, D) of the pit, and dimen
Maps(s) of road, location of the control of the con	m the pit will be land applied, pes, of the land application area finvolved 7.5' topographic sheet	provide water volume, include dimensions (L et.	, W, D) of the pit, and dimen
Maps(s) of road, locati rovided). If water from L, W), and area in acres that copied section of the man and the man area in approved by:	m the pit will be land applied, pes, of the land application area finvolved 7.5' topographic sheet	provide water volume, include dimensions (L et.	Office of Oil a
Maps(s) of road, location of the control of the con	m the pit will be land applied, pes, of the land application area finvolved 7.5' topographic sheet	provide water volume, include dimensions (L et.	Office of Oil a
Maps(s) of road, location of the control of the con	m the pit will be land applied, pes, of the land application area finvolved 7.5' topographic sheet	provide water volume, include dimensions (L et.	Office of Oil a



Site Pictures Richard L. Erlewine Erlewine 4H 47-103-02952



Erlewine Well Pad Site



Erlewine 5H



Erlewine 4H

Office of Oil and Gas

JAN 19 2022

WV Department of Environmental Protection

BIRCH RIVER OFFICE

237 Birch River Road Birch River, WV 26610 phans 304-649-8606 fax: 304-649-8608

BRIDGEPORT OFFICE

172 Thompson Drive Bridgeport, WV 26330 phone: 304-848-5035 fox: 304-848-5037

CHARLESTON OFFICE

301 RHI Boulevard Suite 5 Charleston, WV 25309 phone 304-756-2949 fax: 304-756-2948

2



Erlewine Well Pad Site

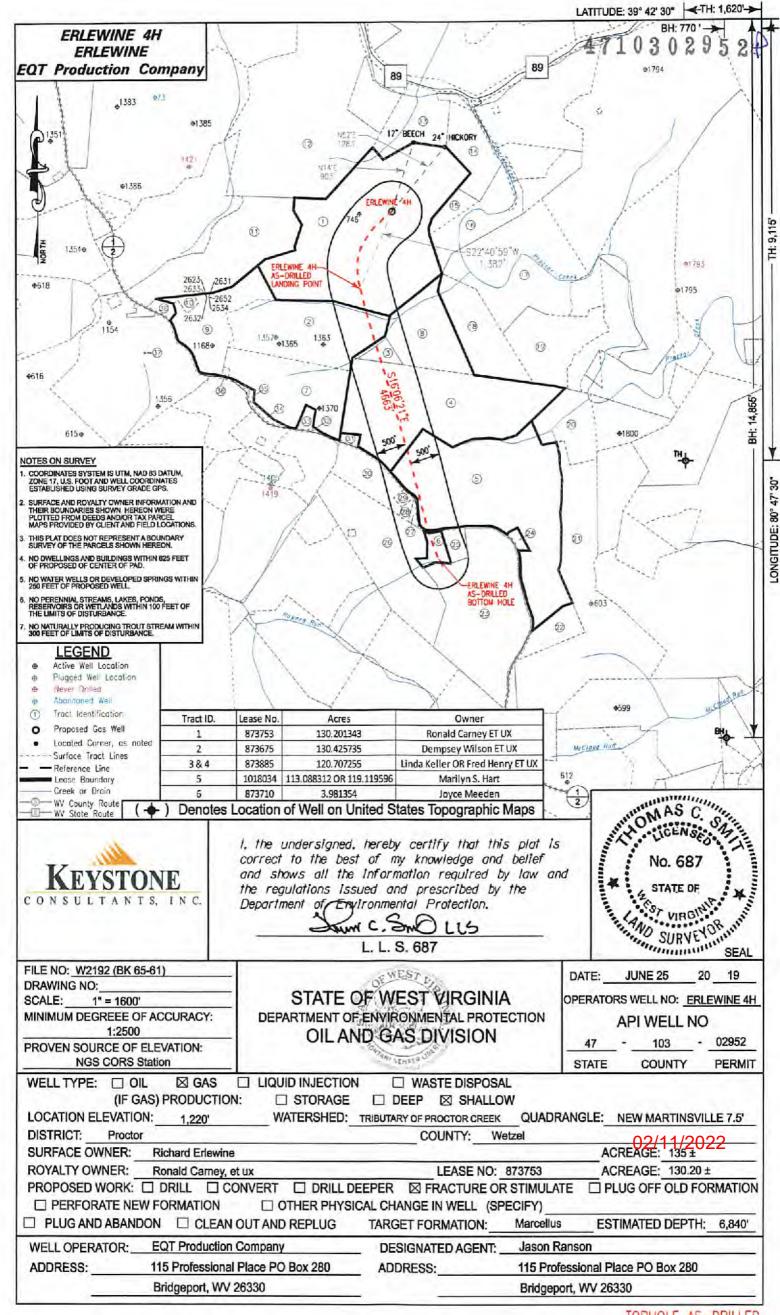


Erlewine Well Pad Site

RECEIVED Office of Oil and Gas

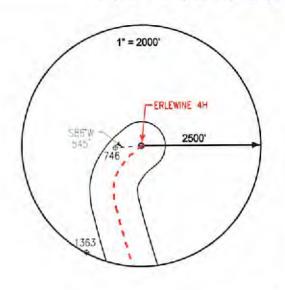
JAN 1 9 2022

WV Department of Environmental Protection



Erlewine 4H Erlewine EQT Production Company

Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	6	46	Wetzel	Proctor	Richard L. Erlewine	135.18
2	11	3	Wetzel	Proctor	Mary Wilson & Christy Leek EST	52.33
3	11	4	Wetzel	Proctor	Emma Louise Wilson	4.24
4	11	12	Wetzel	Proctor	Emma Louise Wilson	89.99
5	12	27.1	Wetzel	Proctor	Sharon Henthorn	110.05
- 6	11	25.3	Wetzel	Proctor	Joyce A. Meeden	4.3
7	11	11	Wetzel	Proctor	Christy Leek	41.66
8	11	5	Wetzel	Proctor	Emma L. & John J. Moore	30.34
9	6	45	Wetzel	Proctor	Christy Leek	29.51
10	6	45.3	Wetzel	Proctor	Linda Anderson	2.01
11	6	45.1	Wetzel	Proctor	Donald F. & Martha J. Arrick	53.9
12	6	36	Wetzel	Proctor	Richard L. Erlewine	127.14
13	6	30	Wetzel	Proctor	Albert Ray Anderson	102.63
14	6	40	Wetzel	Proctor	Kevin S. Goff	19.13
15	6	47	Wetzel	Proctor	Victor Richard Reed ET AL	5.55
16	7	34	Wetzel	Proctor	Kevin Goff	23.31
17	7	37	Wetzel	Proctor	Rost Energy Company	64.56
18	12	1	Wetzel	Proctor	Kevin Goff	28.69
19	12	2	Wetzel	Proctor	Emma L. & John J. Moore	31.57
20	12	14	Wetzel	Proctor	Rost Energy Company	20.65
21	12	28	Wetzel	Proctor	David J.& Freeman J. Miller	90.96
22	12	44.2	Wetzel	Proctor	Roger J. Powell	10.27
23	12	44	Wetzel	Proctor	Charles G. Shepard	72.43
24	12	27	Wetzel	Proctor	Sharon Henthorne	1.45
25	11	25.2	Wetzel	Proctor	ER Smith AM & SJ Headley	4.1
26	11	24	Wetzel	Proctor	Bradley Ray Nice	69.92
27	11	N/A	Wetzel	Proctor	N/A	0.88
28	11	28	Wetzel	Proctor	John A. Helmick	1.07
29	11	2.1	Wetzel	Proctor	Debra Lynn Oates	1.06
30	11	20	Wetzel	Proctor	John A. Helmick	15.26
31	11	9	Wetzel	Proctor	Emily D. Wilson	1.18
32	11	17	Wetzel	Proctor	Shane Talkington & Bradley Nice	15.91
33	11	11.1	Wetzel	Proctor	Emily Dian Wilson	1.94
34	11	18	Wetzel	Proctor	Charles A. Henderson	6
35	11	8	Wetzel	Proctor	Coastal Lumber Company	20.63
36	11	10	Wetzel	Proctor	Woodland School	0.37
37	11	2	Wetzel	Proctor	Jack J. Moore	80.57
38	11	45.2	Wetzel	Proctor	Stone Energy Corporation	2.06



ERLEWINE 4H As-Drilled coordinates are NAD 27 N: 433,639,003 E: 1,634,860,000 NAD 27 Lat: 39,683349 Long: -80,797428 NAD 83 UTM N: 4,392,641,266 E: 517,386,786

ERLEWINE 4H As-Drilled Landing Point coordinates are NAD 27 N: 432,364.163 E: 1,634,327.210 NAD 27 Let: 39,679828 Long: -80,799255 NAD 83 UTM N: 4,392,250.162 E: 517,230.938

ERLEWINE 4H As-Drilled Bottom Hole coordinates are NAD 27 N: 427,885.893 E: 1,635,620.450 NAD 27 Lat: 39.667586 Long: -80.794431 NAD 83 UTM N: 4,390,892.412 E: 517,647.670

West Virginia Coordinates system of 1927 (North Zone) based upon Differential GPS Measurements
Plat orientation, Comer and well ties are based upon the grid north meridian
Well location references are based upon the grid north
meridian.
UTM coordinates are NAD83, Zone 17, Meters.

LEGEND

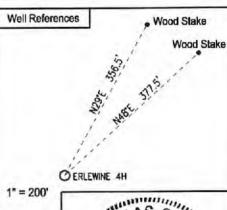
- Active Well Location
- Proposed Gas Well 0
 - Locoted Corner, os noted - Surface Tract Lines

Reference Line Leose Boundary Creek or Drain

W County Route
W State Route

ERLEWINE PAD

ERLEWINE 5H O O ERLEWINE 7H ERLEWINE 3H O ERLEWINE 1H O O ERLEWINE 10H ERLEWINE 2H O ERLEWINE 8H ERLEWINE 4H O DERLEWINE 6H



Bridgeport, WV 26330



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

SUM C. SMO LUS L. L. S. 687

Surger!	OM AS C	Shirt
The state of the s	No. 687	1
*	4 STATE OF	*
THE C	STATE OF	Runnan
	NO SURVEY	SEAL

FILE NO: W2192 (BK 65-61) DRAWING NO: SCALE: 1" = 1000' MINIMUM DEGREE OF ACCURACY: 1:2500

Bridgeport, WV 26330

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION

DATE:_	J	UNE 25	_ 20	
OPERATO	RS	WELL NO: _	ERLE	WINE 4H
	AF	I WELL	NO	
47		103	٠.	02952
STATE		COUNTY		PERMIT

PROVEN SOURCE OF ELEVATION: NGS CORS Station	The same of the sa			STATE	COUNTY	PERMIT
WELL TYPE: ☐ OIL ☐ GAS (IF GAS) PRODUCTION LOCATION ELEVATION: 1,220'		☐ WASTE DISPOS ☐ DEEP ☒ SHALL RIBUTARY OF PROCTOR CREE	.ow	GLE: NE	W MARTINSVI	ILLE 7.5'
DISTRICT: Proctor SURFACE OWNER: Richard Erlewine		COUNTY:	Wetzel	ACRE	02/11/20 AGE: 135 ±)22
ROYALTY OWNER: Ronald Carney, et us PROPOSED WORK: □ DRILL □ CO □ PERFORATE NEW FORMATION	DNVERT DRILL DEI	LEASE NO EPER ⊠ FRACTURE (AL CHANGE IN WELL (S	OR STIMULATE	10000	AGE: 130.2 G OFF OLD FO	
□ PLUG AND ABANDON □ CLEAN	OUT AND REPLUG	TARGET FORMATION:	Marcellus	ESTIM	ATED DEPTH	:_ 6,840'
WELL OPERATOR: EQT Production ADDRESS: 115 Professional	Company Place PO Box 280	DESIGNATED AGENT ADDRESS:	The second secon		PO Box 280	



Via Email

4710302952P

January 17,2022

West Virginia Department of Environmental Protection Office of Oil and Gas Attn: Jeff McLaughlin 601 57th Street, SE Charleston, WV 25304

RE:

Application for a Permit to Plug & Abandon Erlewine 4H API 47-103-02952 Proctor District, Wetzel County, WV

WVDEP Recipient,

Attached is EQT Production Company's application for a permit to plug and abandon for the well referenced above.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our land department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Sincerely,

Becky Shrum
Project Specialist - Permitting
<u>bshrum@eqt.com</u>
724-271-7314

Office of Oil and Gas

JAN 19 2022

WV Department of Environmental Protection



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permit API: 47-103-02952, 02999, 03000)

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Wed, Feb 2, 2022 at 7:39 AM

To: John <JZavatchan@eqt.com>, Todd <tklaner@eqt.com>, Erin Spine <espine@eqt.com>, Olivia Pishioneri <opishioneri@eqt.com>, "Shrum, Becky" <bshrum@eqt.com>, "Harris, Bryan O" <bryan.o.harris@wv.gov>, Scott Lemley <slemley@wvassessor.com>

I have attached a copy of the newly issued well permit number. This will serve as your copy.

47-103-02952 - ERLEWINE 4H 47-103-02999 - ERLEWINE 5H 47-103-03000 - ERLEWINE 7H

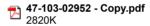
If you have any questions, then please contact us here at the Office of Oil and Gas.

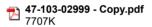
Thank you,

Wade A. Stansberry **Environmental Resource Specialist 3 West Virginia Department of Environmental Protection** Office of Oil & Gas 601 57th St. SE Charleston, WV 25304 (304) 926-0499 ext. 41115 (304) 926-0452 fax Wade.A.Stansberry@wv.gov

4 attachments







47-103-03000 - Copy.pdf 2812K