



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 7H
47-103-03000-00-00

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.

James A. Martin
Chief

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over the printed name and title.

Operator's Well Number: ERLEWINE 7H
Farm Name: ERLEWINE, RICHARD
U.S. WELL NUMBER: 47-103-03000-00-00
Horizontal 6A Plugging
Date Issued: 2/1/2022

I

4710303000 P

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.

02/11/2022

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ___ / Gas X ___ / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow X ___

5) Location: Elevation 1214' Watershed Tributary of Proctor Creek
District Proctor County Wetzel Quadrangle New Martinsville 7.5'

6) Well Operator EQT Production Company 7) Designated Agent Joseph C. Mallow
Address 400 Woodcliff Drive Address 115 Professional Place
Canonsburg PA 15317 Bridgeport WV 26330

8) Oil and Gas Inspector to be notified Name Bryan Harris
Address PO Box 157
Volga, WV 26238
9) Plugging Contractor Name R&J
Address 1087 Raccoon Rd
Hueysville, KY 41640

10) Work Order: The work order for the manner of plugging this well is as follows:
See Attachment for details and procedures.

THIS WELL WAS NOT COMPLETED.

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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Bryan Harris Date 1/12/22

02/11/2022

Erlewine 7H
 Wetzel Co., WV
 HZ Marcellus well
 API # 47-103-03000
 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 @ 1,208' HalChem Class "A" Cemented to Surface
 9 5/8" J55 - 36 ppf casing @ 2,383' HalChem Class "A" Cemented to Surface
 5 1/2" P110 - 20 ppf casing @ 11,324' Lead-TunedSpacer3 Tail-VariCem Cemented to ~1,265'

Well Not Completed

Fresh water @ 105
 Salt water @ 1,671
 Coal Show @ 374 - 999

- 1) Notify Inspector **Bryan Harris, (304) 553-6087, Bryan.O.Harris@wv.gov** prior to beginning operations.
- 2) 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)**
- 4) Equalize lubricator, if necessary and RIH w/ wireline to top of marcellus at 7,108' and set a CIBP above the Marcellus @ 7,088' MD. If unable to get to set depth, EQT office will call DEP to discuss options.
- 5) Hook up pump truck and pressure test lines to 8000 psi. **(Call pump truck 8hrs before)**
- 6) 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.
- 7) RIH and set second CIBP 10' above the first
- 8) 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. 7,078' to 5,578' 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 5,578' 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 1/2" casing. Cut Casing @freepoint ~1,225' using jet cutter. Estimated freepoint @1,265'. TOOH 5 1/2" Casing.
- 15) Set a 300' C1A Cement plug 100'in/200' out of casing cut 1,325' to 1,025' 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 1,025' if at proper depth or close pump 6% GEL from 1,025' to surface. TOOH
- 18) TIH with wireline and set CIBP @ 1,010' TOOH with wireline
- 19) TIH with tubing to 1000'. Set a 1,000' C1A cement plug to surface (Coal, Freshwater, and surface plug)
- 20) Let cement dry for 8 hours.
- 21) Reclaim location and Set Monument above ground to WV-DEP Specifications

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Erlewine #7H
API 47-103-03000
Stone Energy Corporation

	Horizontal		Bottom (ft TVD)	Bottom (ft MD)	
	Top (ft TVD)	Top (ft MD)			
Sandstone & Shale	Surface	*	374		FW @ 105'
Coal	374	*	378		
Sandstone & Shale	378	*	444		
Coal	444	*	446		
Sandstone & Shale	446	*	644		
Coal	644	*	646		
Sandstone & Shale	646	*	769		
Coal	769	*	775		
Sandstone & Shale	775	*	868		
Coal	868	*	871		
Sandstone & Shale	871	*	999		
Coal	999	*	1,003		
Sandstone & Shale	1,003	*	2,022		SW @ 1,671'
Little Lime	2,022	*	2,052		
Big Lime	2,052	*	2,152		
Big Injun	2,152	*	2,252		
Sandstone & Shale	2,252	*	2,620		
Berea Sandstone	2,620	*	2,650		
Shale	2,650	*	2,865		
Gordon	2,865	*	2,915		
Undiff Devonian Shale	2,915	*	5,664	5,690	
Rhinestreet	5,664	5,690 ~	6,102	6,174	
Cashaqua	6,102	6,174 ~	6,344	6,567	
Middlesex	6,344	6,567 ~	6,372	6,607	
West River	6,372	6,607 ~	6,427	6,730	
Geneseo	6,427	6,730 ~	6,442	6,766	
Tully Limestone	6,442	6,766 ~	6,483	6,887	
Hamilton Shale	6,483	6,887 ~	6,524	7,108	
Marcellus	6,524	7,108 ~	6,534	11,354	
TD			6,534	11,354	

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log

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

API 47 - 103 - 03000 County Wetzel District Proctor
Quad New Martinsville Pad Name Erlewine Field/Pool Name Mary
Farm name Erlewine, Richard Well Number #7H
Operator (as registered with the OOG) Stone Energy Corporation
Address 1300 Fort Pierpont Dr. - Suite 201 City Morgantown State WV Zip 26508

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,392,661 Easting 517,403
Landing Point of Curve Northing 4,393,087 Easting 517,604
Bottom Hole Northing 4,394,209 Easting 517,206

Elevation (ft) 1,212 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
Saturated salt mud which includes Caustic Soda, Barite, Lime, New-Drill, Perma-Lose HT, Xan-Plex D, X-Cide 102, Soda Ash, and Sodium Chloride

Date permit issued 7/9/2014 Date drilling commenced 8/6/2014 Date drilling ceased 12/5/2014
Date completion activities began Not Yet Completed Date completion activities ceased Not Yet Completed
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

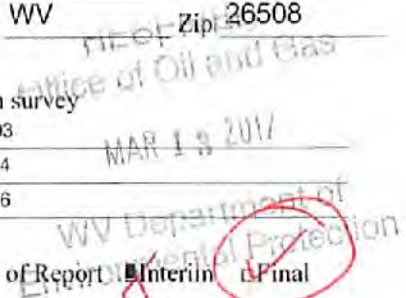
Freshwater depth(s) ft 105 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,671 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 374, 444, 644, 769, 868 and 999 Cavern(s) encountered (Y/N) depths N

Is coal being mined in area (Y/N) N

APPROVED

NAME: [Signature]
DATE: 7-25-14

Reviewed by: [Signature]
02/11/2022



WR-35
Rev. 8/23/13

API 47-103 - 03000 Farm name Erlwine, Richard Well number #7H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	24"	20"	90'	New	LS - 941 ppf		N - GTS
Surface	17.5"	13.375"	1,218' KB - 1,208' GL	New	J55 - 54.5 ppf	115' & 195'	Y - CTS
Coal	17.5"	13.375"	1,218' KB - 1,208' GL	New	J55 - 54.5 ppf	115' & 195'	Y - CTS
Intermediate 1	12.25"	9.625"	2,383'	New	J55 - 36 ppf		Y - CTS
Intermediate 2							
Intermediate 3							
Production	8.75"	5.5"	11,324'	New	P110 - 20 ppf		N - TOC @ 1,265' Calculated
Tubing							
Packer type and depth set							

Comment Details Circulated 30 bbls cement to surface on 13.375" casing string. Circulated 16 bbls cement to surface on the 9.625" casing string. Did not circulate any cement to surface on the 5.5" casing string. TOC on 5.5" calculated to be 1,265'.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Type 1	34	15.6	1.18	40	Surface	24.0
Surface	HalCem Class "A"	910	15.6	1.18	1,074	Surface	8.0
Coal	HalCem Class "A"	910	15.6	1.18	1,074	Surface	8.0
Intermediate 1	HalCem Class "A"	790	15.6	1.21	956	Surface	12.0
Intermediate 2							
Intermediate 3							
Production	Lead-Tuned Spacer 3 To 4 Var Cem	Lead-178 Tail-2,100	Lead-14.5 Tail-15.2	Lead-2.37 Tail-121	2,541	1,265' Calculated	7.0
Tubing							

Drillers TD (ft) 11,354 MD / 6,534 TVD Loggers TD (ft) N/A
 Deepest formation penetrated Marcellus Shale Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) 5,708 MD / 5,682 TVD

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING Surface casing had bow spring centralizers placed on joints 2, 5, 8, 11, 14, 17, 20, 23 and 26. Intermediate casing had bow spring centralizers placed on joints 4, 8, 12, 16, 20, 24, 28 and 32.
Production casing had rigid spiral centralizers placed on every fourth joint beginning with joint 1 to joint 201. Ran a total of 51 rigid spiral centralizers. Ran bow spring centralizers from joint 209 to joint 257 on every eighth joint. A total of 7 bow spring centralizers were run.

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WV Department of Environmental Protection

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

WR-35
Rev. 8/23/13

API 47- 103 - 03000 Farm name Erlewine, Richard Well number #7H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
	TVD	MD
Not Yet Completed		

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		
See Attached Sheet					

Please insert additional pages as applicable.

Drilling Contractor Nomac (top-hole) & Saxon Drilling (horizontal)
Address 2034 Martins Branch Rd / 9303 New Trails Drive City Mount Morris / The Woodlands State PA / TX Zip 25312 / 77381

Logging Company Scientific Drilling and Schlumberger
Address 124 Vista Drive / 1178 US HWY 33 East City Charleroi / Weston State PA / WV Zip 15022 / 26452

Cementing Company Schlumberger
Address 1178 US HWY 33 East City Weston State WV Zip 26452

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Greg Zofchak Telephone 304-225-1600
Signature *Greg Zofchak* Title Drilling Engineer Date 2/16/17

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Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry
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02/11/2022



Stone Energy Corporation

Mary Prospect
Erlewine Pad
Erlewine 7H - Slot 7H

OH

Design: 7H As Drilled

Standard Survey Report

26 February, 2015



www.scientificdrilling.com



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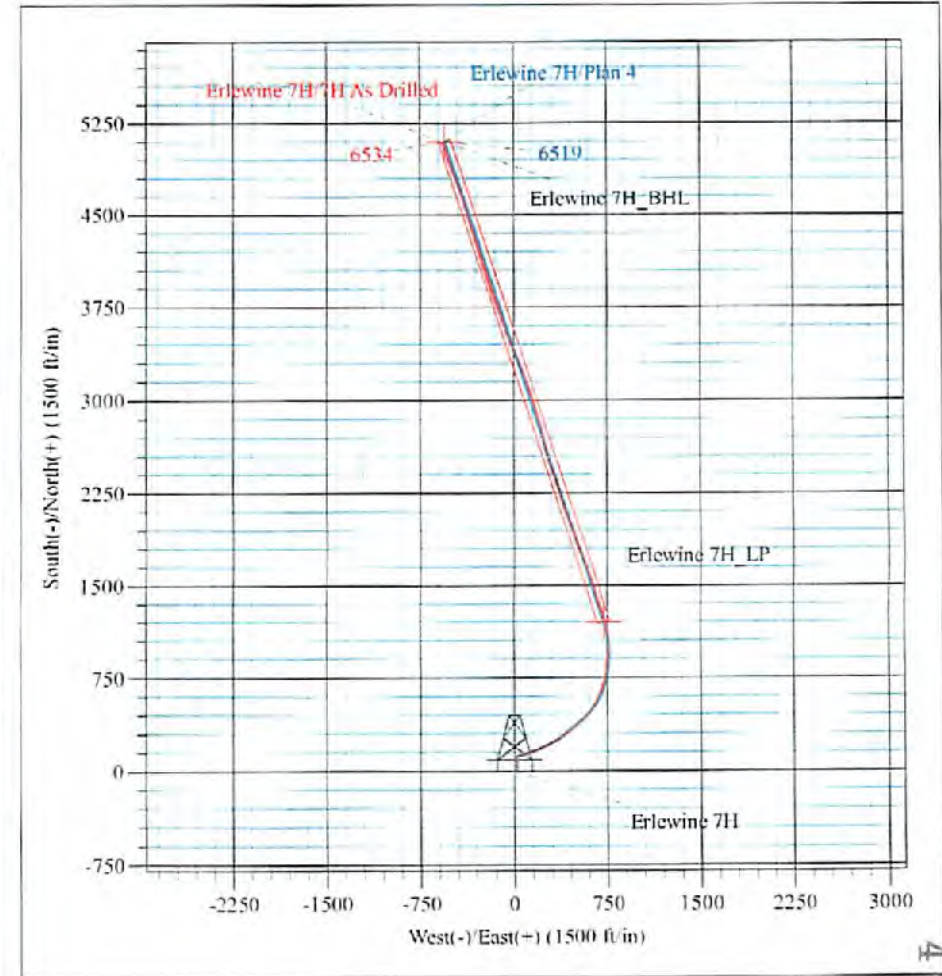
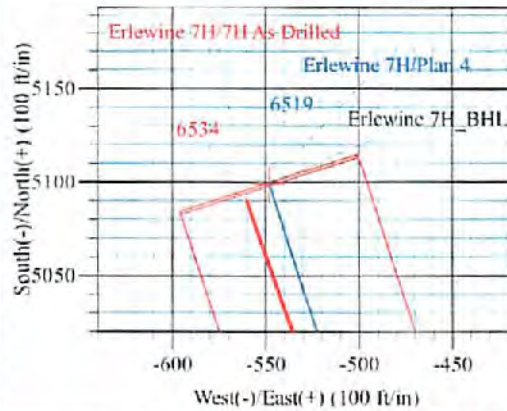
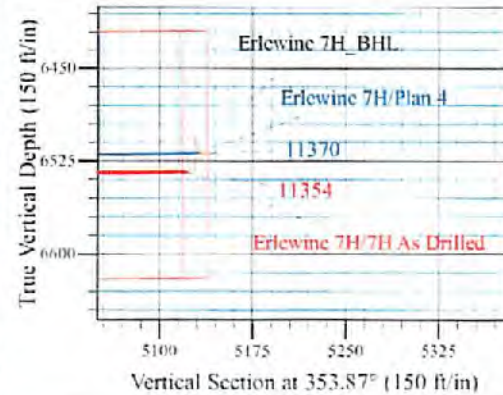
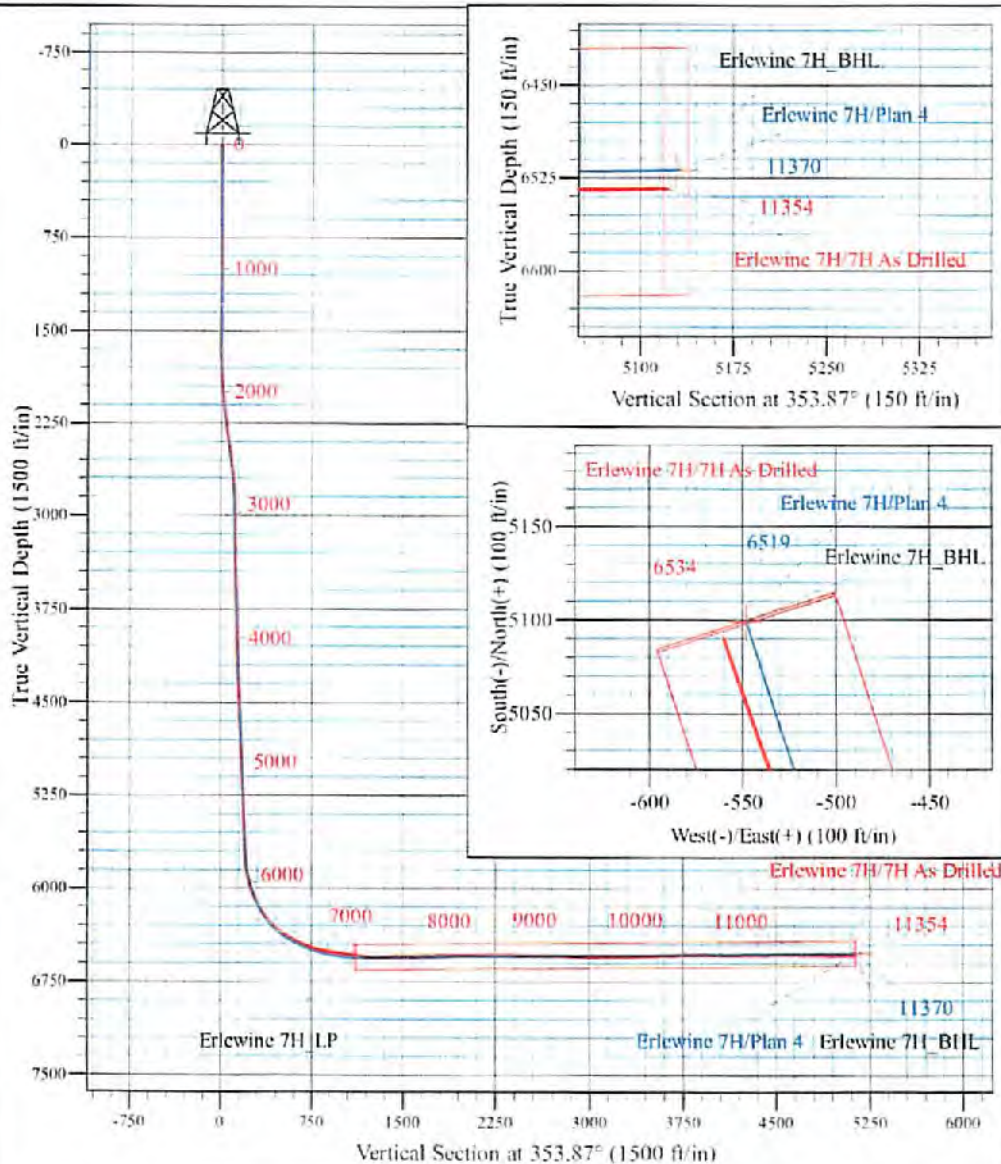
Erlewine Pad
 Erlewine 7H
 Plan 4
 GL 1212' & KB 18' @ 1230,00ft (Saxon 141)
 Mary Prospect

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

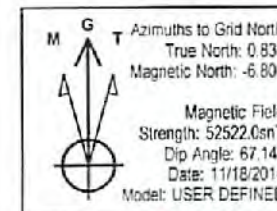


WELL DETAILS: Erlewine 7H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	433702.00	1634914.00	39° 41' 0.686 N	80° 47' 50.060 W



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Shane Rhodes
 11:01, February 26 2015
 Scientific Drilling International
 124 Vista Drive
 Charleroi, PA 15022

4710303000P



Scientific Drilling International
Survey Report

4710303000P
Scientific Drilling

Company: Stone Energy Corporation
Project: Mary Prospect
Site: Erlewine Pad
Well: Erlewine 7H
Wellbore: OH
Design: 7H As Drilled

Local Co-ordinate Reference: Well Erlewine 7H - Slot 7H
TVD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
MD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Northeast District

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Project: Mary Prospect, Wetzel County, West Virginia
Map System: US State Plane 1927 (Exact solution) System Datum: Mean Sea Level
Geo Datum: NAD 1927 (NADCON CONUS)
Map Zone: West Virginia North 4701

Site: Erlewine Pad
Site Position: Northing: 433,674.00 usft Latitude: 39° 41' 0.404 N
From: Map Easting: 1,634,878.00 usft Longitude: 80° 47' 50.515 W
Position Uncertainty: 0.00 ft Slot Radius: 13-3/16 " Grid Convergence: -0.83 "

Well: Erlewine 7H - Slot 7H
Well Position: +N-S 0.00 ft Northing: 433,702.00 usft Latitude: 39° 41' 0.685 N
+E-W 0.00 ft Easting: 1,634,914.00 usft Longitude: 80° 47' 50.060 W
Position Uncertainty: 0.00 ft Wellhead Elevation: 0.00 ft Ground Level: 1,212.00 ft

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	6/17/2014	-7.62	67.17	52.531
	User Defined	11/17/2014	-7.63	67.14	52.523
	User Defined	11/18/2014	-7.63	67.14	52.522

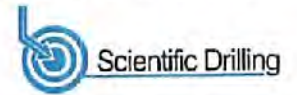
Design: 7H As Drilled
Audit Notes:
Version: 1.0 Phase: ACTUAL Tie On Depth: 0.00
Vertical Section: Depth From (TVD) (ft) +N-S (ft) +E-W (ft) Direction (°)
0.00 0.00 0.00 353.87

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
18.00	2,351.00	Survey 1 - SDI Gyro (OH)	SDI Standard Keeper 103	SDI Standard Wireline Keeper ver 1.0.3
2,464.00	5,637.00	Survey 2 - SDI MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1
5,658.00	11,354.00	As Drilled Curve (OH)	SDI MWD	SDI MWD - Standard ver 1.0.1

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Bulld 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	
18.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	
108.00	0.41	76.38	108.00	0.08	0.31	0.04	0.46	0.46	0.00	
First SDI Gyro Survey @ 108 MD										
208.00	0.35	52.86	208.00	0.20	0.96	0.09	0.07	-0.06	6.48	
308.00	0.20	91.27	308.00	0.23	1.44	0.08	0.15	-0.15	8.41	



Scientific Drilling International
Survey Report



Company: Stone Energy Corporation
Project: Mary Prospect
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Wellbore: OH
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North Reference: Grid
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Database: Northeast District

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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)	
408.00	0.20	91.49	408.00	0.22	1.79	0.03	0.00	0.00	0.22	
508.00	0.23	36.56	507.99	0.38	2.08	0.16	0.20	0.03	-54.93	
608.00	0.30	35.28	607.99	0.76	2.36	0.50	0.07	0.07	-1.28	
708.00	0.18	358.10	707.99	1.13	2.50	0.85	0.19	-0.12	-37.18	
808.00	0.09	259.10	807.99	1.28	2.42	1.02	0.20	-0.09	-89.00	
908.00	0.04	149.46	907.99	1.25	2.36	0.99	0.12	-0.05	-119.64	
1,008.00	0.15	189.53	1,007.99	1.09	2.35	0.83	0.12	0.11	40.07	
1,108.00	0.06	167.02	1,107.99	0.91	2.34	0.66	0.10	-0.09	-22.51	
1,208.00	0.18	296.89	1,207.99	0.93	2.21	0.69	0.22	0.12	129.87	
1,257.00	0.25	275.34	1,256.99	0.98	2.04	0.75	0.22	0.14	-43.98	
1,351.00	0.44	208.43	1,350.99	0.67	1.67	0.49	0.45	0.20	-73.31	
1,445.00	0.93	153.89	1,444.98	-0.34	1.85	-0.53	0.80	0.52	-55.89	
1,539.00	1.82	121.74	1,538.96	-1.81	3.45	-2.17	1.22	0.95	-34.20	
1,633.00	1.77	111.67	1,632.91	-3.13	6.07	-3.76	0.34	-0.05	-10.71	
1,728.00	1.30	50.73	1,727.88	-2.99	8.27	-3.85	1.69	-0.49	-64.15	
1,822.00	3.41	22.11	1,821.80	0.28	10.15	-0.81	2.50	2.24	-30.45	
1,916.00	4.49	23.49	1,915.58	6.24	12.67	4.85	1.15	1.15	1.47	
2,006.00	4.71	12.85	2,007.26	13.23	14.94	11.56	0.96	0.24	-11.57	
2,106.00	5.91	4.58	2,106.85	22.36	16.27	20.50	1.42	1.20	-8.27	
2,206.00	7.28	1.04	2,206.19	33.83	16.79	31.84	1.43	1.37	-3.54	
2,308.00	8.60	358.58	2,305.23	47.64	16.72	45.58	1.36	1.32	-2.46	
2,351.00	9.52	356.80	2,347.69	54.40	16.45	52.34	2.24	2.14	-4.14	
Last SDI Gyro Survey @ 2351 MD										
2,464.00	9.40	355.87	2,459.15	72.94	15.26	70.89	0.17	-0.11	-0.82	
First SDI MWD Survey @ 2464.00 MD										
2,556.00	7.82	3.58	2,552.09	86.96	15.11	84.87	2.08	-1.68	8.20	
2,653.00	6.64	9.26	2,646.34	98.85	16.39	96.53	1.45	-1.24	5.98	
2,747.00	4.86	19.43	2,739.86	107.97	18.59	105.37	2.17	-1.89	10.82	
2,841.00	3.83	41.88	2,833.60	114.06	22.02	111.05	2.10	-1.10	23.99	
2,935.00	4.74	62.77	2,927.34	118.17	27.57	114.55	1.90	0.97	22.12	
3,029.00	4.83	73.87	3,021.02	121.05	34.83	116.63	0.99	0.10	11.81	
3,123.00	5.88	77.58	3,114.61	123.16	43.33	117.85	1.18	1.12	3.95	
3,217.00	6.44	80.71	3,208.06	125.07	53.24	118.67	0.69	0.60	3.33	
3,311.00	7.50	78.01	3,301.37	127.20	64.44	119.58	1.18	1.13	-2.87	
3,405.00	6.81	71.01	3,394.64	130.26	75.71	121.45	1.18	-0.73	-7.45	
3,499.00	7.31	72.42	3,487.92	133.90	86.68	123.87	0.56	0.53	1.50	
3,593.00	6.51	65.48	3,581.24	137.92	97.23	126.74	1.23	-0.85	-7.38	
3,686.00	5.58	66.27	3,675.71	142.01	106.36	129.64	0.98	-0.98	0.83	
3,783.00	5.61	69.24	3,770.24	145.58	115.06	132.45	0.39	0.24	3.13	
3,877.00	5.84	73.26	3,863.76	148.64	124.11	134.53	0.44	0.03	4.28	
3,971.00	6.09	74.22	3,957.25	151.38	133.49	136.24	0.29	0.27	1.02	
4,065.00	7.51	72.42	4,050.59	154.59	144.14	138.30	1.53	1.51	-1.91	
4,159.00	8.16	69.38	4,143.71	158.79	156.24	141.19	0.82	0.69	-3.23	
4,254.00	7.60	63.10	4,237.81	164.01	168.16	145.10	1.08	-0.59	-6.61	



Scientific Drilling International
Survey Report

4710303000 P
Scientific Drilling

Company: Stone Energy Corporation
Project: Mary Prospect
Site: Erlewine Pad
Well: Erlewine 7H
Wellbore: OH
Design: 7H As Drilled

Local Co-ordinate Reference: Well Erlewine 7H - Slot 7H
TVD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
MD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Northeast District

Survey

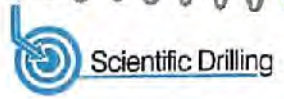
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,347.00	7.00	60.18	4,330.06	169.61	178.56	149.56	0.76	-0.65	-3.14
4,441.00	6.80	68.26	4,423.38	174.52	188.70	153.36	1.05	-0.21	8.60
4,535.00	6.75	64.21	4,516.72	178.98	198.84	156.71	0.51	-0.05	-4.31
4,630.00	5.91	62.19	4,611.14	183.69	208.19	160.40	0.91	-0.88	-2.13
4,724.00	5.81	60.83	4,704.65	188.27	216.53	164.04	0.18	-0.11	-1.45
4,818.00	6.91	64.99	4,798.07	192.90	225.91	167.74	1.27	1.17	4.43
4,912.00	6.06	64.25	4,891.47	197.53	235.50	171.23	0.91	-0.90	-0.79
5,008.00	6.73	69.67	4,986.87	201.68	245.34	174.31	0.94	0.70	5.65
5,102.00	7.06	70.44	5,080.19	205.53	255.95	177.00	0.38	0.35	0.82
5,197.00	6.55	67.42	5,174.52	209.57	266.45	179.89	0.66	-0.54	-3.18
5,290.00	6.04	60.33	5,266.96	214.02	275.60	183.35	1.00	-0.55	-7.62
5,385.00	6.29	62.02	5,361.42	218.94	284.54	187.28	0.33	0.26	1.78
5,479.00	7.21	65.85	5,454.76	223.77	294.47	191.02	1.09	0.98	4.09
5,573.00	7.11	64.19	5,548.03	228.71	305.09	194.80	0.25	-0.11	-1.78
5,637.00	6.46	66.17	5,611.58	231.89	311.95	197.23	1.08	-1.02	3.09
5,656.00	6.57	64.44	5,632.45	232.99	314.11	197.99	1.07	0.52	-8.24
5,668.00	6.83	62.13	5,662.24	234.46	317.24	199.22	1.25	0.87	-7.70
5,719.00	7.92	61.32	5,692.98	236.35	320.74	200.72	3.53	3.52	-2.61
5,749.00	9.48	60.07	5,722.64	238.57	324.70	202.51	5.24	5.20	-4.17
5,779.00	11.43	59.40	5,752.14	241.32	329.40	204.74	6.51	6.50	-2.23
5,809.00	13.02	57.88	5,781.46	244.63	334.82	207.45	5.41	5.30	-5.07
5,839.00	15.04	58.83	5,810.56	248.44	341.01	210.58	6.78	6.73	3.17
5,869.00	17.55	57.17	5,839.35	252.91	348.14	214.26	8.51	8.37	-5.53
5,899.00	20.03	54.50	5,867.75	258.35	356.13	218.81	8.75	8.27	-8.90
5,929.00	22.21	51.82	5,895.74	264.84	364.77	224.34	7.95	7.27	-8.93
5,960.00	24.08	51.16	5,924.24	272.42	374.30	230.87	6.09	6.03	-2.13
5,990.00	25.88	51.47	5,951.43	280.34	384.19	237.66	6.02	6.00	1.03
6,020.00	28.20	52.45	5,978.15	288.74	394.94	244.89	7.87	7.73	3.27
6,050.00	31.34	53.07	6,004.19	297.75	406.79	252.58	10.52	10.47	2.07
6,080.00	35.35	53.98	6,029.25	307.55	420.06	260.90	13.47	13.37	3.03
6,110.00	38.62	54.05	6,053.21	318.15	434.66	269.88	10.90	10.50	0.23
6,141.00	40.93	53.69	6,077.03	329.84	450.67	279.80	7.49	7.45	-1.16
6,171.00	42.16	53.33	6,099.48	341.68	466.67	289.85	4.18	4.10	-1.20
6,202.00	43.47	51.12	6,122.22	354.58	483.32	300.91	6.43	4.23	-7.13
6,232.00	44.61	50.43	6,143.79	367.77	499.47	312.29	4.12	3.60	-2.30
6,262.00	45.20	49.45	6,165.04	381.40	515.68	324.11	3.03	1.97	-3.27
6,292.00	46.19	48.80	6,185.99	395.45	531.91	338.35	3.66	3.30	-2.17
6,323.00	47.48	47.30	6,207.20	410.57	548.73	349.58	5.48	4.19	-4.84
6,355.00	49.74	46.03	6,228.35	427.05	566.18	364.10	7.64	7.03	-3.97
6,386.00	51.69	43.30	6,247.98	444.12	583.04	379.27	9.27	6.29	-8.81
6,418.00	52.50	40.59	6,267.64	462.89	599.91	396.14	7.15	2.53	-8.47
6,450.00	53.47	36.89	6,286.91	482.82	615.89	414.24	9.72	3.03	-11.56
6,481.00	54.57	34.35	6,305.13	503.21	630.50	432.96	7.52	3.55	-8.19

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Scientific Drilling International
Survey Report



Company: Stone Energy Corporation
Project: Mary Prospect
Site: Erlwine Pad
Well: Erlwine 7H
Wellbore: OH
Design: 7H As Drilled

Local Co-ordinate Reference: Well Erlwine 7H - Slot 7H
TVD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
MD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Northeast District

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)
6,513.00	56.04	32.05	6,323.34	525.23	644.90	453.31	7.48	4.59	-7.19
6,545.00	57.59	29.85	6,340.86	548.19	658.67	474.67	7.52	4.84	-6.88
6,577.00	59.57	26.80	6,357.54	572.23	671.61	497.19	10.22	6.19	-9.53
6,608.00	61.39	24.02	6,372.82	595.60	683.18	520.18	9.76	5.87	-8.97
6,638.00	62.63	21.97	6,386.85	621.00	693.54	543.34	7.71	4.80	-6.83
6,670.00	63.33	20.95	6,401.34	647.56	703.97	568.62	3.24	1.56	-3.19
6,700.00	64.65	19.02	6,414.50	672.89	713.19	592.83	7.27	4.40	-6.43
6,732.00	65.68	17.07	6,427.94	700.50	722.18	619.32	6.40	3.22	-6.09
6,764.00	66.59	14.50	6,440.89	728.66	730.14	646.47	7.88	2.84	-8.03
6,796.00	67.40	11.99	6,453.39	757.33	736.68	674.25	7.65	2.53	-7.84
6,827.00	69.43	10.27	6,464.80	785.61	742.44	701.78	8.34	6.55	-5.55
6,859.00	72.37	7.54	6,475.27	815.48	747.12	730.98	12.22	9.19	-8.53
6,891.00	74.94	6.68	6,484.28	845.95	750.92	760.86	8.44	8.03	-2.69
6,923.00	76.44	4.87	6,492.19	876.80	754.03	791.20	7.21	4.69	-5.66
6,955.00	77.37	2.69	6,499.44	907.89	756.09	821.90	7.24	2.91	-6.81
6,987.00	78.51	1.00	6,506.12	939.17	757.09	852.89	6.27	3.56	-5.28
7,019.00	80.02	359.78	6,512.08	970.61	757.31	884.13	6.02	4.72	-3.81
7,050.00	81.51	358.94	6,517.06	1,001.20	756.96	914.58	5.50	4.81	-2.71
7,082.00	82.64	356.26	6,521.47	1,032.85	755.64	946.21	9.02	3.53	-8.38
7,113.00	82.91	353.93	6,525.37	1,063.50	753.01	976.95	7.51	0.67	-7.52
7,145.00	82.33	351.77	6,529.46	1,094.99	749.06	1,008.68	6.94	-1.61	-6.75
7,176.00	81.72	349.07	6,533.78	1,125.26	743.95	1,039.32	8.85	-1.97	-8.71
7,208.00	81.78	347.23	6,538.38	1,156.25	737.45	1,070.83	5.69	0.19	-5.75
7,240.00	82.07	344.71	6,542.87	1,186.99	729.77	1,102.21	7.85	0.91	-7.88
7,272.00	82.33	344.33	6,547.21	1,217.54	721.30	1,133.49	1.43	0.81	-1.19
7,303.00	82.49	343.17	6,551.31	1,247.04	712.71	1,163.74	3.74	0.52	-3.74
7,335.00	83.76	341.68	6,555.26	1,278.27	702.81	1,195.85	5.91	3.85	-4.52
7,369.00	89.33	340.95	6,559.05	1,337.82	682.67	1,257.21	8.92	8.84	-1.16
7,463.00	92.32	343.11	6,558.13	1,398.66	662.93	1,319.63	5.76	4.67	3.38
7,527.00	91.71	342.46	6,555.88	1,459.77	644.00	1,382.60	1.39	-0.95	-1.02
7,590.00	92.01	341.17	6,553.64	1,519.59	624.35	1,444.18	2.10	0.48	-2.05
7,654.00	91.07	339.23	6,552.12	1,579.79	602.66	1,506.34	3.37	-1.47	-3.03
7,717.00	90.74	339.26	6,551.12	1,638.69	580.36	1,567.29	0.53	-0.52	0.05
7,781.00	90.84	340.22	6,550.24	1,698.72	558.20	1,629.35	1.51	0.16	1.50
7,844.00	89.46	338.54	6,550.07	1,757.68	536.02	1,690.34	3.45	-2.19	-2.67
7,908.00	91.14	341.69	6,549.74	1,817.66	514.25	1,752.50	5.58	2.63	4.92
7,971.00	91.24	342.31	6,548.43	1,877.76	494.79	1,814.14	1.00	0.16	0.98
8,035.00	92.42	342.20	6,546.39	1,938.68	475.29	1,876.80	1.85	1.84	-0.17
8,098.00	91.85	341.43	6,544.04	1,998.50	456.64	1,938.36	1.52	-0.90	-1.22
8,162.00	91.21	341.44	6,542.33	2,059.14	436.27	2,000.84	1.00	-1.00	0.02
8,225.00	91.36	340.77	6,540.91	2,118.73	414.88	2,062.27	1.10	0.27	-1.06
8,289.00	90.50	341.76	6,539.66	2,179.33	394.32	2,124.72	2.07	-1.38	1.55
8,353.00	90.20	343.42	6,539.47	2,240.40	375.18	2,187.48	2.64	-0.47	2.59
8,416.00	89.93	341.72	6,539.40	2,300.50	356.31	2,249.26	2.73	0.43	-2.70

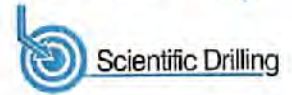
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02/11/2022

WV Department of Environmental Protection



Scientific Drilling International
Survey Report



Company: Stone Energy Corporation
Project: Mary Prospect
Site: Erlewine Pad
Well: Erlewine 7H
Wellbore: OH
Design: 7H As Drilled

Local Co-ordinate Reference: Well Erlewine 7H - Slot 7H
TVD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
MD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Northeast District

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)
8,480.00	89.33	340.81	6,539.81	2,361.11	335.75	2,311.71	1.70	-0.94	-1.42
8,544.00	89.73	340.85	6,540.33	2,421.56	314.74	2,374.06	0.63	0.63	0.06
8,607.00	89.43	342.30	6,540.80	2,481.32	294.82	2,435.61	2.35	-0.48	2.30
8,670.00	89.70	344.08	6,541.27	2,541.63	276.61	2,497.52	2.86	0.43	2.83
8,731.00	90.10	343.65	6,541.38	2,600.22	259.65	2,557.59	0.96	0.66	-0.70
8,793.00	90.74	344.25	6,540.93	2,659.81	242.51	2,618.66	1.41	1.03	0.97
8,855.00	89.90	345.05	6,540.58	2,719.59	226.10	2,679.86	1.87	-1.35	1.29
8,917.00	89.29	345.33	6,541.02	2,779.53	210.25	2,741.15	1.08	-0.98	0.45
8,978.00	88.36	344.16	6,542.27	2,836.37	194.21	2,801.36	2.45	-1.52	-1.92
9,039.00	87.52	343.07	6,544.46	2,896.85	177.01	2,861.35	2.26	-1.38	-1.79
9,103.00	87.93	343.35	6,547.00	2,958.07	158.54	2,924.20	0.78	0.64	0.44
9,167.00	89.20	343.12	6,548.60	3,019.33	140.09	2,987.08	2.02	1.98	-0.36
9,230.00	89.50	341.14	6,549.32	3,079.29	120.76	3,048.75	3.18	0.48	-3.14
9,294.00	90.97	341.08	6,549.06	3,139.84	100.04	3,111.17	2.30	2.30	-0.09
9,357.00	90.57	339.33	6,548.21	3,199.11	78.70	3,172.38	2.85	-0.63	-2.78
9,421.00	90.54	338.36	6,547.59	3,258.79	55.61	3,234.19	1.52	-0.05	-1.52
9,483.00	91.47	337.91	6,546.50	3,316.32	32.52	3,293.86	1.67	1.50	-0.73
9,547.00	92.52	339.21	6,544.27	3,375.86	9.14	3,355.55	2.61	1.64	2.03
9,611.00	91.82	340.04	6,541.86	3,435.61	-13.12	3,417.54	1.70	-1.09	1.30
9,674.00	90.44	341.80	6,540.61	3,495.33	-33.71	3,478.92	3.55	-2.19	2.79
9,738.00	90.77	340.69	6,539.93	3,555.93	-54.29	3,541.37	1.61	0.52	-1.73
9,801.00	91.11	341.05	6,538.90	3,615.44	-74.93	3,602.75	0.79	0.54	0.57
9,865.00	91.44	340.53	6,537.48	3,675.86	-95.98	3,665.07	0.96	0.52	-0.81
9,929.00	91.37	340.18	6,535.91	3,736.12	-117.49	3,727.28	0.56	-0.11	-0.55
9,992.00	91.21	340.43	6,534.49	3,795.42	-138.72	3,788.51	0.47	-0.25	0.40
10,055.00	90.37	340.97	6,533.62	3,854.87	-159.54	3,849.85	1.59	-1.33	0.86
10,119.00	89.40	341.30	6,533.75	3,915.43	-180.23	3,912.27	1.60	-1.52	0.52
10,182.00	89.70	340.89	6,534.24	3,975.03	-200.64	3,973.71	0.81	0.48	-0.65
10,245.00	89.70	341.25	6,534.57	4,034.62	-221.08	4,035.15	0.57	0.00	0.57
10,308.00	89.83	343.91	6,534.83	4,094.73	-239.94	4,095.92	4.23	0.21	4.22
10,372.00	90.64	344.50	6,534.57	4,156.31	-257.36	4,160.01	1.57	1.27	0.92
10,436.00	91.17	343.92	6,533.56	4,217.89	-274.77	4,223.10	1.23	0.63	-0.91
10,499.00	91.00	343.96	6,532.36	4,278.42	-292.20	4,285.14	0.28	-0.27	0.06
10,562.00	90.70	344.06	6,531.43	4,338.97	-309.55	4,347.21	0.50	-0.48	0.16
10,626.00	90.84	343.44	6,530.57	4,400.41	-327.46	4,410.21	0.99	0.22	-0.97
10,690.00	90.17	342.68	6,530.01	4,461.83	-346.11	4,473.07	1.58	-1.05	-1.19
10,754.00	88.93	342.88	6,530.51	4,522.76	-365.05	4,535.87	1.98	-1.94	0.31
10,817.00	89.13	341.73	6,531.58	4,582.77	-384.20	4,597.58	1.85	0.32	-1.83
10,881.00	89.70	341.95	6,532.23	4,643.56	-404.14	4,660.17	0.95	0.89	0.34
10,945.00	89.90	341.83	6,532.45	4,704.37	-424.14	4,722.76	0.59	0.31	-0.50
11,009.00	90.44	340.86	6,532.26	4,764.97	-444.72	4,785.21	1.47	0.84	-1.20
11,072.00	89.23	340.18	6,532.44	4,824.36	-465.73	4,846.51	2.20	-1.92	-1.08
11,136.00	88.83	340.36	6,533.53	4,884.60	-487.33	4,908.70	0.69	-0.63	0.26

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COMPASS 5000.1 Build 74

JAN 19 2022

02/11/2022

WV Department of Environmental Protection



Scientific Drilling International

Survey Report



Scientific Drilling

Company: Stone Energy Corporation
 Project: Mary Prospect
 Site: Erlewine Pad
 Well: Erlewine 7H
 Wellbore: OH
 Design: 7H As Drilled

Local Co-ordinate Reference: Well Erlewine 7H - Slot 7H
 TVD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
 MD Reference: GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: Northeast District

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)
11,200.00	89.73	340.78	6,534.33	4,944.95	-508.62	4,970.98	1.55	1.41	0.66
11,264.00	90.07	339.85	6,534.44	5,005.21	-530.18	5,033.20	1.55	0.53	-1.45
11,295.00	90.71	340.85	6,534.23	5,034.40	-540.60	5,063.34	3.83	2.06	3.23
Last SDI MWD @ 11295 MD									
11,354.00	90.71	340.85	6,533.50	5,090.13	-559.95	5,120.82	0.00	0.00	0.00
Projection to Bit @ 11354 MD									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
108.00	108.00	0.08	0.31	First SDI Gyro Survey @ 106 MD
2,351.00	2,347.69	54.40	16.45	Last SDI Gyro Survey @ 2351 MD
2,464.00	2,459.15	72.94	15.26	First SDI MWD Survey @ 2464.00 MD
11,295.00	6,534.23	5,034.40	-540.60	Last SDI MWD @ 11295 MD
11,354.00	6,533.50	5,090.13	-559.95	Projection to Bit @ 11354 MD

Checked By: _____ Approved By: _____ Date: _____

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WW 1A
Revised 6/07

1) Date: January 10, 2022
 2) Operator's Well Number: Enewine 701
 3) API Well No.: 17 100 00000

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

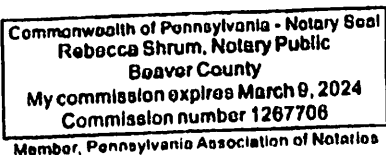
4) Surface Owner(s) to be served	a) (a) Coal Operator
(a) Name: <u>See Attached</u>	Name: _____
Address: _____	Address: _____
(b) Name: _____	(b) Coal Owner(s) with Declaration
Address: _____	Name: <u>See Attached</u>
(c) Name: _____	Address: _____
Address: _____	Name: _____
6) Inspector <u>Bryan Harris</u>	(c) Coal Lessee with Declaration
Address: <u>PO Box 157</u>	Name: _____
<u>Volga, WV 26238</u>	Address: _____
Telephone: <u>304 553 6087</u>	_____

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

- (1) The application to Plug and Abandon a Well on Form WW 1B which sets out the parties involved in the work and describes the well it- 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 reverse 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
 By: Erin Spino
 His: Manager, Subsurface Permitting
 Address: 400 Woodcliff Drive
Canonsburg PA 15317
 Telephone: (724) 271 7380

Subscribed and sworn before me this 10th day of January 2022
Rebecca Shrum Notary Public
 My Commission Expires March 9, 2024

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Office of Oil and Gas

JAN 19 2022

WV 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 business 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 depprivacyoffice@wv.gov.

02/11/2022

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

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 8.70
Total Postage and Fees	\$ 15.50

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Street and Apt. No.,
City, State, ZIP+4®

RICHARD L ERLEWINE
1834 PROCTOR CREEK RD
PROCTOR WV 26055
40 09 ERLEWINE NOTIFICATIONS

Postmark Here

PS Form 3800, A

1710202000A

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
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EQT PRODUCTION COMPANY
PO BOX 6135
PITTSBURGH PA 15212
40 09 ERLEWINE NOTIFICATIONS

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<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
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MARTHA J. ARRICK
17954 ENERGY RD
PROCTOR WV 26055
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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 8.70
Total Postage and Fees	\$ 15.50

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CHRISTY D. WILSON
2997 HUFF RIDGE RD
NEW MARTINSVILLE WV 26155
40 09 ERLEWINE NOTIFICATIONS

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PS Form 3800, A

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 8.70
Total Postage and Fees	\$ 15.50

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LINDA ANDERSON
2641 HUFF RDG
NEW MARTINSVILLE WV 26155
40 09 ERLEWINE NOTIFICATIONS

Postmark Here

PS Form 3800, A

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Office of Oil and Gas
JAN 19 2022
WV Department of
Environmental Protection

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<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____
Postage	\$ <u>8.70</u>
Total Postage and Fees	\$ <u>15.50</u>

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RICHARD L ERLEWINE
1834 PROCTOR CREEK RD
PROCTOR WV 26055

40-09 ERLEWINE NOTIFICATIONS

PS Form 3800, April 2012

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____
Postage	\$ <u>8.70</u>
Total Postage and Fees	\$ <u>15.50</u>

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 City, State, ZIP+4®

CNX RESOURCE HOLDINGS LLC
(PITTSBURGH COAL)
1000 CONSOL ENERGY DRIVE
SUITE 400
CANONSBURG PA 15317

40-09 ERLEWINE NOTIFICATIONS

PS Form 3800, April 2012

7019 1640 0000 6625 5105

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Extra Services & Fees (check box, add fee as appropriate)	
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$ <u>3.05</u>
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____
Postage	\$ <u>8.70</u>
Total Postage and Fees	\$ <u>15.50</u>

Sent To
 Street and Apt. No.
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CNX GAS COMPANY LLC (CBM)
1000 CONSOL ENERGY DRIVE
CANONSBURG PA 15317

40-09 ERLEWINE NOTIFICATIONS

PS Form 3800, April 2012

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WV Department of
Environmental Protection

02/11/2022

SURFACE OWNER WAIVER

4710303000P

Operator's Well
Number

Erlewine 7H

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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Office of Oil and Gas
JAN 19 2022
WV Department of
Environmental Protection

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 **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 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 NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____

		Date _____
		Signature _____
		Date 02/11/2022

API No.	<u>47-103-03000 P</u>
Farm Name	<u>Erlewine</u>
Well No.	<u>Erlewine 7H</u>

**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 than 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.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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JAN 19 2022
WV Department of
Environmental Protection

WW-9
(5-16)

API Number: 17-103-03201
Operator's Well No.: Erlawine 7H

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS, CUTTINGS, DISPOSAL & RECLAMATION PLAN

Operator Name: EQT Production Company

OP Code: 306086

Watershed (HUC-10): Tributary of Proctor Creek

Quadrangle: New Martinsville 7.5

Do you anticipate using more than 5,000 bbls of water to complete 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 a completed form WW-9(GPP))
- Underground Injection (UIC Permit Number)
- Reuse (at API Number)
- Oil Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain)

Will closed loop system be used? If so, describe

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.

-If oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium?

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc.

-If left in pit and plan to solidify, what medium will be used? (cement, lime, sawdust)

-Landfill or offsite name/permit number?

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature

Company Official (Typed Name): Erin Spine

Company Official Title: Manager - Subsurface Permitting

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JAN 19 2022

WV Department of
Environmental Protection

Subscribed and sworn before me this 10th day of January, 2022

Notary Public

Commonwealth of Pennsylvania - Notary Seal
Rebecca Shrum, Notary Public
Beaver County
My commission expires March 8, 2024
Commission number 1267706

My commission expires March 9, 2024

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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02/11/2022

Proposed Revegetation Treatment: Acres Disturbed 1± Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type (10-20-20) or equivalent

Fertilizer amount 1/3 ton lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Aslike Clover	5	Aslike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Bryan Harris

Comments: _____

Title: Inspector

Date: 1/12/22

Field Reviewed? () Yes () No

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Office of Oil and Gas

JAN 19 2022

WW Department of
Environmental Protection

02/11/2022

Topo Quad: New Martinsville 7.5'

Scale: 1" = 2000' **4710303000P**

County: Wetzel

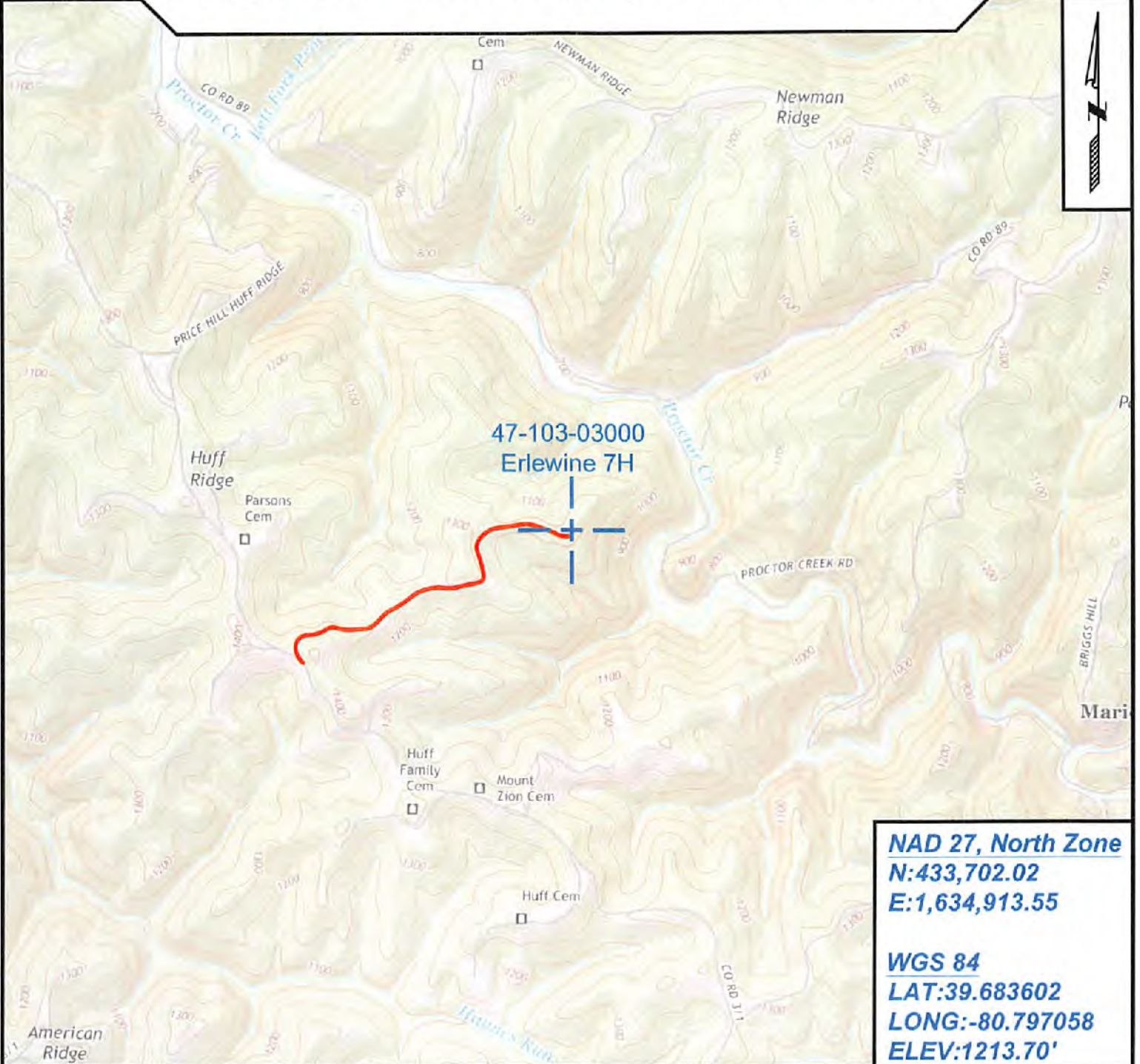
Date: October 27, 2021

District: Proctor

Project No: 40-34-00-09

47-103-03000 Erlewine 7H (Richard L. Erlewine)

Topo



NAD 27, North Zone
N:433,702.02
E:1,634,913.55

WGS 84
LAT:39.683602
LONG:-80.797058
ELEV:1213.70'



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 400 Woodcliff Drive
 Canonsburg, PA, 15317
02/11/2022



Erlewine Well Pad Site



Erlewine Well Pad Site

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WV Department of
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Site Pictures
Richard L. Erlewine
Erlewine 7H 47-103-03000



Erlewine Well Pad Site



Erlewine 5H



Erlewine 4H

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WV Dept. of Environmental Protection

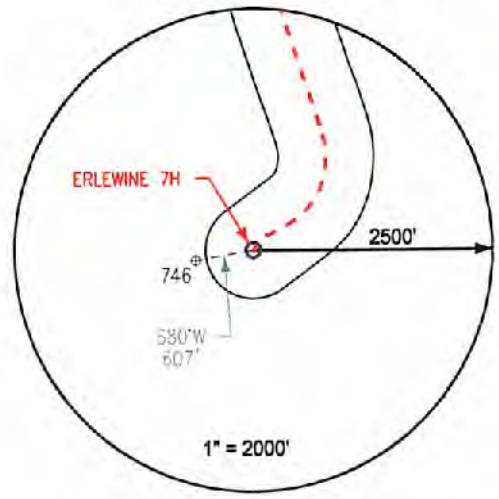
BIRCH RIVER OFFICE
237 Birch River Road
Birch River, WV 26610
phone: 304-649-8606 fax: 304-649-8608

BRIDGEPORT OFFICE
172 Thompson Drive
Bridgeport, WV 26330
phone: 304-848-5035 fax: 304-848-5037

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

4710303000 P

Erlewine 7H
Erlewine
EQT Production Company

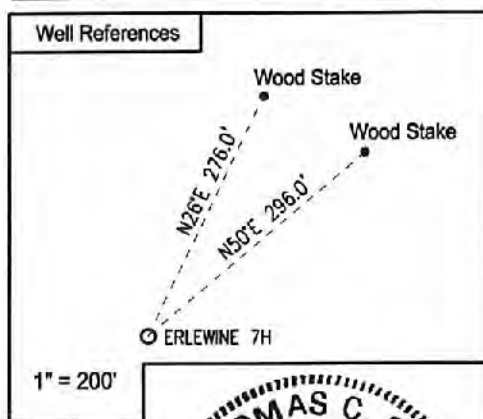
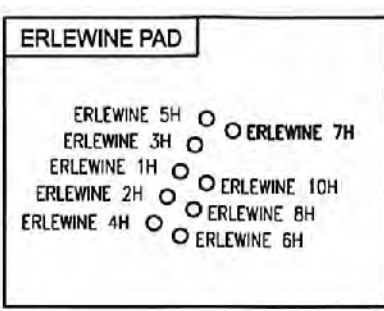


Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	6	46	Wetzel	Proctor	Richard L. Erlewine	136.18
2	6	30	Wetzel	Proctor	Albert Ray Anderson	102.63
3	6	26.3	Wetzel	Proctor	Michael G. & Kathleen F. Baxter	18.7
4	6	7.3	Wetzel	Proctor	Austin & Marlene Postlethwait	54.57
5	1	32	Wetzel	Proctor	Baxter Farm LLC	76.67
6	6	52	Wetzel	Proctor	Ronald J. & Linda L. Petrecca	11.23
7	6	7.2	Wetzel	Proctor	Brian Lyle & Beth Ann Hayes	82.34
8	7	53	Wetzel	Proctor	Scott R. & Melaney F. Langmyer	97.41
9	7	14	Wetzel	Proctor	Jessie A. Coleman	29.42
10	7	23	Wetzel	Proctor	Clegg Family Irrevocable Trust	47.68
11	6	39	Wetzel	Proctor	Ethyl Anderson EST	1.42
12	6	40	Wetzel	Proctor	Kevin S. Goff	19.13
13	6	47	Wetzel	Proctor	Victor Richard Reed ETAL	5.55
14	7	34	Wetzel	Proctor	Kevin Goff	23.31
15	7	37	Wetzel	Proctor	Rost Energy Company	64.56
16	12	1	Wetzel	Proctor	Kevin Goff	28.69
17	11	5	Wetzel	Proctor	Emma L. & John J. Moore	30.34
18	11	3	Wetzel	Proctor	Wilson Mary & Christy Leek EST	52.33
19	6	45	Wetzel	Proctor	Christy Leek	29.51
20	6	45.1	Wetzel	Proctor	Donald F. & Martha J. Arrick	53.9
21	6	36	Wetzel	Proctor	Richard L. Erlewine	127.14
22	6	38	Wetzel	Proctor	Ethyl Anderson EST	12.56
23	6	29	Wetzel	Proctor	Richard Lee Erlewine	4.69
24	6	28	Wetzel	Proctor	Ray D. & Heather D. Yoho	2.74
25	6	27.1	Wetzel	Proctor	Carolyn M. Lloyd	2.13
26	6	27.2	Wetzel	Proctor	Carolyn M. Lloyd	0.1
27	6	27	Wetzel	Proctor	Carolyn M. Lloyd	1.26
28	6	26.2	Wetzel	Proctor	Carolyn M. Lloyd	0.09
29	6	26.1	Wetzel	Proctor	Timothy F. Bridge	1.25
30	6	26.4	Wetzel	Proctor	Larry K. Keene	0.44
31	6	26	Wetzel	Proctor	Larry K. Keene	6.26
32	6	6	Wetzel	Proctor	Baxter Farm LLC	88.5

Notes:
ERLEWINE 7H As-Drilled coordinates are
 NAD 27 N: 433,702.003 E: 1,634,914.000
 NAD 27 Lat: 39.687061 Long: -80.794807
 NAD 83 UTM N: 4,392,660.735 E: 517,402.917
ERLEWINE 7H As-Drilled Landing Point coordinates are
 NAD 27 N: 434,980.273 E: 1,635,616.810
 NAD 27 Lat: 39.687061 Long: -80.794807
 NAD 83 UTM N: 4,393,053.751 E: 517,610.546
ERLEWINE 7H As-Drilled Bottom Hole coordinates are
 NAD 27 N: 438,792.123 E: 1,634,354.050
 NAD 27 Lat: 39.697475 Long: -80.799490
 NAD 83 UTM N: 4,394,208.625 E: 517,209.481
 West Virginia Coordinates system of 1927 (North Zone)
 based upon Differential GPS Measurements
 Plat orientation, Corner 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.

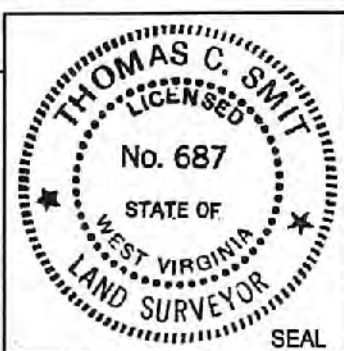
LEGEND

- ⊕ Active Well Location
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route



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.

Thomas C. Smit
 L. L. S. 687



FILE NO: W2192 (BK 65-61)
 DRAWING NO: _____
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY:
1:2500
 PROVEN SOURCE OF ELEVATION:
NGS CORS Station

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

DATE: JUNE 25 20 19
 OPERATORS WELL NO: ERLEWINE 7H
 API WELL NO
47 - 103 - 03000
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION ELEVATION: 1,212' (As-Built) WATERSHED: TRIBUTARY OF PROCTOR CREEK QUADRANGLE: NEW MARTINSVILLE 7.5'
 DISTRICT: Proctor COUNTY: Wetzel

SURFACE OWNER: Richard Erlewine ACREAGE: 135 ±
 ROYALTY OWNER: Ronald Carney, et ux LEASE NO: 873753 ACREAGE: 130.20 ±

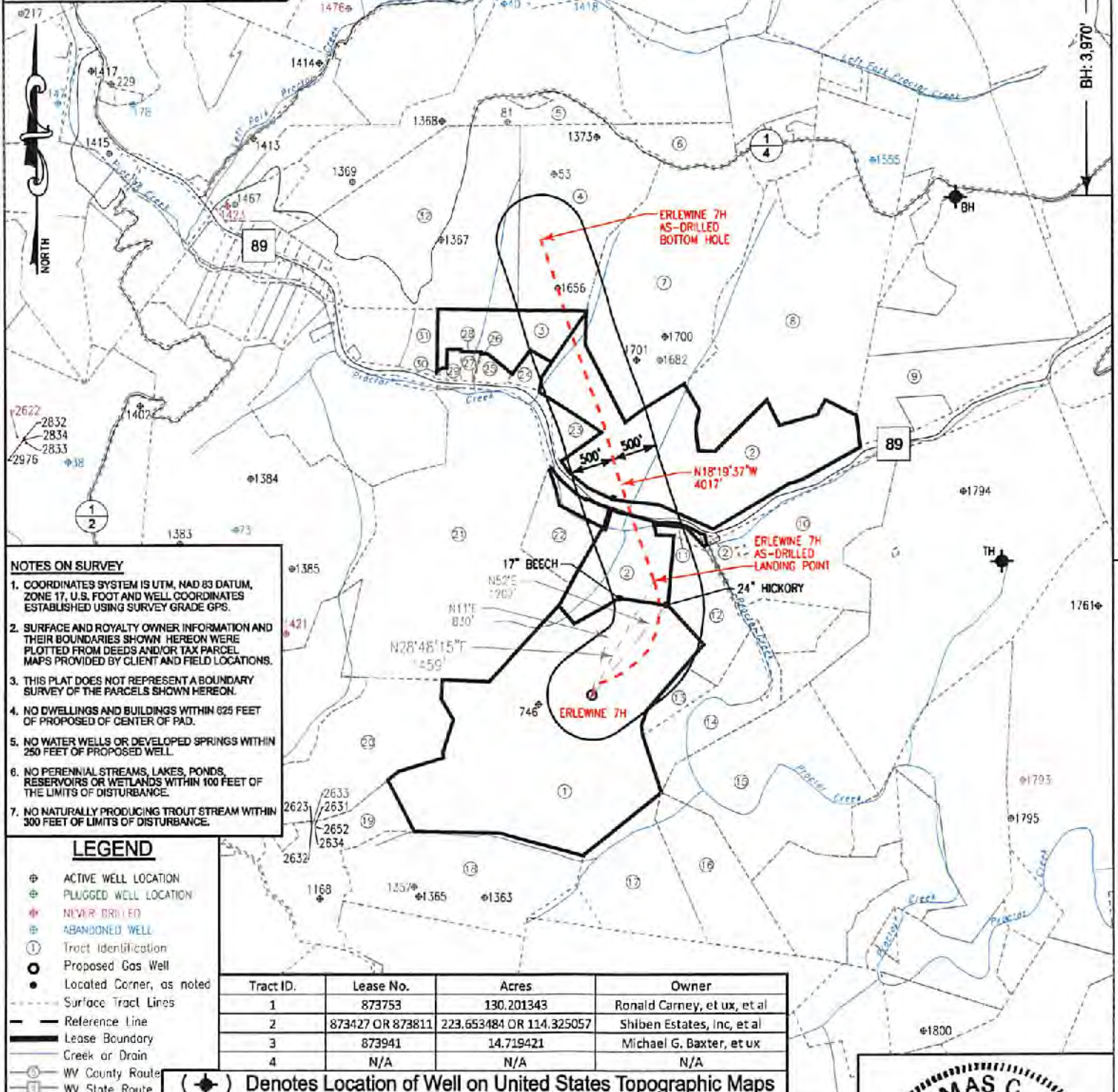
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 6,534' (As-Drilled)

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Jason Ranson
 ADDRESS: 2400 Ansys Drive ADDRESS: 115 Professional Place PO Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

02/11/2022

TOPHOLE AS-DRILL

**ERLEWINE 7H
ERLEWINE
EQT Production Company**



- NOTES ON SURVEY**
1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
 2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
 3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
 5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
 6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
 7. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- ⊕ ACTIVE WELL LOCATION
- ⊕ PLUGGED WELL LOCATION
- ⊕ NEVER DRILLED
- ⊕ ABANDONED WELL
- ① Tract Identification
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- ⊕ WV County Route
- ⊕ WV State Route

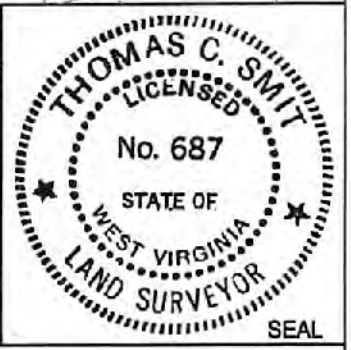
Tract ID.	Lease No.	Acres	Owner
1	873753	130.201343	Ronald Carney, et ux, et al
2	873427 OR 873811	223.653484 OR 114.325057	Shiben Estates, Inc, et al
3	873941	14.719421	Michael G. Baxter, et ux
4	N/A	N/A	N/A

(⊕) Denotes Location of Well on United States Topographic Maps



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.

Thomas C. Smit
L. L. S. 687



FILE NO: W2192 (BK 65-61)
DRAWING NO:
SCALE: 1" = 1600'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: JUNE 25 20 19
OPERATORS WELL NO: ERLEWINE 7H
API WELL NO: 47 - 103 - 03000
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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DISTRICT: Proctor COUNTY: Wetzel

SURFACE OWNER: Richard Erlewine ACREAGE: 135 ±
ROYALTY OWNER: Ronald Carney, et ux LEASE NO: 873753 ACREAGE: 130.20 ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,534' (As-Drilled)

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Jason Ranson
ADDRESS: 2400 Ansys Drive, Suite 200 ADDRESS: 115 Professional Place PO Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

02/11/2022

TOPHOLE AS-DRILLED

4710303000P



400 Woodcliff Dr | Canonsburg, PA 15317
www.eqt.com

Via Email

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 7H
API 47-103-03000
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
bshrum@eqt.com
724-271-7314

RECEIVED
Office of Oil and Gas

JAN 19 2022

WV Department of
Environmental Protection

02/11/2022



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

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

1 message

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

-  **IR-8 Blank.pdf**
212K
-  **47-103-02952 - Copy.pdf**
2820K
-  **47-103-02999 - Copy.pdf**
7707K
-  **47-103-03000 - Copy.pdf**
2812K

02/11/2022