

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

API 47 - 051 - 02100 County Marshall District Union
Quad Moundsville Pad Name Hazlett Pad A Field/Pool Name _____
Farm name Irene Hazlett - Life Well Number Hazlett M08H
Operator (as registered with the OOG) EQT CHAP LLC
Address 400 Woodcliff Drive City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,423,419.99 Easting 524,121.00
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1,148' 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)

Date permit issued 11/30/2018 Date drilling commenced 12/9/2019 Date drilling ceased 12/10/2019
Date completion activities began _____ Date completion activities ceased _____
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____

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

WV Department of
Environmental Protection

Freshwater depth(s) ft N/A Open mine(s) (Y/N) depths N/A
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N/A
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths N/A
Is coal being mined in area (Y/N) N/A

APPROVED

Reviewed by:

~~10/11/2024~~
Stahler
10/14/2024

API 47-051 - 02100 Farm name Irene Hazlett - Life Well number Hazlett M08H

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	36"	30"	52'	New	X-56/234		Y
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details _____

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	Bulk Cement					Surface	8
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) ^{52'} _____ Loggers TD (ft) ^{52'} _____
 Deepest formation penetrated _____ Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) _____

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 _____

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

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PERFORATION RECORD

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

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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)

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Please insert additional pages as applicable.

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
	TVD	MD

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		This was only drilled to the conductor casing depth, about 52'
					There are no recorded lithology tops, water, gas or other fluids to report

Please insert additional pages as applicable.

Drilling Contractor Rocky Mountain Drilling Inc
Address 185 North Vernal Avenue City Vernal State UT Zip 84078

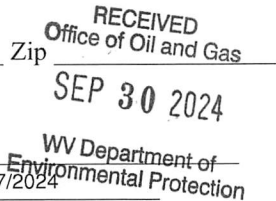
Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company BJ Services
Address 3415 Millennium Avenue City Massillon State OH Zip 44646

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by John Zavatchan Telephone 412-584-3132
Signature [Signature] Title Regional Manager - Permitting Date 9/27/2024



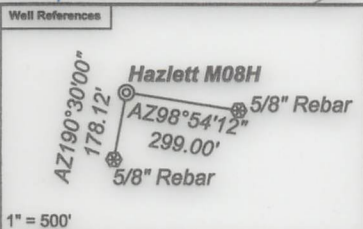
TH: 2592' LAT: 40-00-00

TH: 14361' LONG: 80-42-30

As-Drilled Well Plat

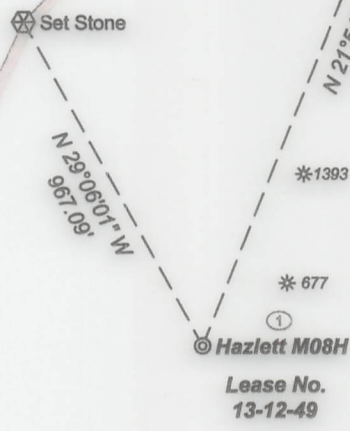
Hazlett M08H
Hazlett
EQT Production Company

As Drilled Well Information:
Hazlett M08H coordinates are
NAD 27 N: 534,305.94 E: 1,627,207.37
NAD 27 Lat: 39.960578 Long: -80.717582
NAD 83 UTM N: 4,423,419.99 E: 524,121.00
West Virginia Coordinate system of 1983 (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.



- Hazlett
- M01H
 - M02H
 - M03H
 - M04H
 - M05H
 - M06H
 - M07H
 - M08H
 - M15H
 - M16H
 - M17H
 - M14H
 - M13H
 - M12H

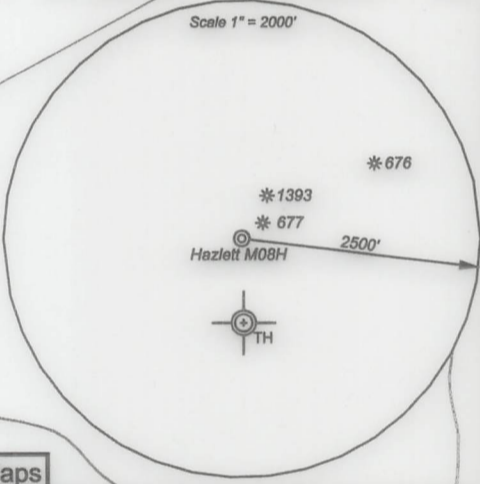
GRID NORTH



Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	12	49	Marshall	Union	Michael C. Hazlett & Loretta K. Wallace	77.24
2	12	49.3	Marshall	Union	Michael C. Hazlett	6.685
3	12	49.1	Marshall	Union	Michael C. Hazlett - Life	1.205
4	12	49.2	Marshall	Union	Michael C. Hazlett - Life	0.87
5	12	44	Marshall	Union	City of Glendale	53.7967
6	12	47	Marshall	Union	Michael C. Hazlett & Loretta K. Wallace	24.17
7	12	48.4	Marshall	Union	Lisa & Norman L. Rhodes	0.789
8	12	48.6	Marshall	Union	Leah M. & Steven Bailey	0.6
9	12	48.2	Marshall	Union	Leonard J. Linzy, Jr. & Hillary Linzy	1.11
10	12	48.5	Marshall	Union	John R. & Lori A. Voellinger	0.668
11	12	48.3	Marshall	Union	Wee-Haul Dumpster Services LLC	0.02
12	12	50.9	Marshall	Union	John R. & Lori A. Voellinger	0.468
13	12	50.1	Marshall	Union	Barbara K. Springer	3.84
14	12	50	Marshall	Union	Timothy J. Calissie, et ux.	56.832
15	12	50.2	Marshall	Union	Timothy J. Calissie, et ux.	0.874

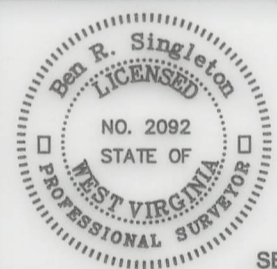
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route

(+) 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.

Ben R. Singleton
P.S. 2092



FILE NO: 107-22
DRAWING NO: Hazlett M08H
SCALE: 1" = 500'
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: September 12 20 24
OPERATOR'S WELL NO.: Hazlett M08H
API WELL NO
47 - 051 - 02100
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1148' WATERSHED Short Creek of the Ohio River QUADRANGLE: Moundsville
DISTRICT: Union COUNTY: Marshall
SURFACE OWNER: Irene Hazlett-Life ACREAGE: 77.24
ROYALTY OWNER: Donald Boyd Yoho, et al. LEASE NO: 13-12-49 ACREAGE: 37.577
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: 52'

WELL OPERATOR: EQT CHAP LLC DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 25301

10/11/2024