API

47 - 051

Address 400 Woodcliff Drive

Elevation (ft) 1125'

Drilled with □ Cable

Date permit issued

Production hole □ Air □ Mud

Date completion activities began

Verbal plugging (Y/N)

Freshwater depth(s) ft

Salt water depth(s) ft

Mud Type(s) and Additive(s)

Permit Type

Farm name Donald Hines et UX

As Drilled location NAD 83/UTM

Landing Point of Curve

□ Deviated

Ouad Moundsville

02084

Top hole

GL

■ Rotary

10/04/2018

Bottom Hole

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

RECEIVED Office of Oil and Gas County Marshall District Washington Field/Pool Name N/A WV Department of Environmental Protection Pad Name Hines Well Number Hines M12H Operator (as registered with the OOG) EQT CHAP LLC City Canonsburg State PA Zip 15317 Attach an as-drilled plat, profile view, and deviation survey Northing 4,417,400.512 Easting 525,708.256 Northing Easting Northing 4,417,327.893 Easting 525,184.673 Type of Well |■New □ Existing Type of Report Interim Final □ 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 Drilling Media Surface hole Air I Mud I Fresh Water Intermediate hole Air Mud Fresh Water Brine □ Fresh Water □ Brine 03/22/2019 05/20/2019 Date drilling commenced___ Date drilling ceased Date completion activities ceased N/A N/A Date permission granted___ Granted by

365,655 Coal depth(s) ft Cavern(s) encountered (Y/N) depths Υ Is coal being mined in area (Y/N)

365

1039,1595,1632

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

Open mine(s) (Y/N) depths

Void(s) encountered (Y/N) depths

Ν

N

API 47- 051	02084	Farm name_Donald Hines et UX			Well number Hines M12H				
CASING STRINGS	Hole Size	Casing Size	Depth (GL)	New or Used	Grade wt/ft		Basket Depth(s) (GL)	Did cement circ	
Conductor	30"	20"	50'	NEW		2 78.6#	N/A	1	Y
Surface	17-1/2"	13-3/8"	454'	NEW		54.5#	N/A		Y
Coal									
Intermediate 1	12-3/8"	9-5/8"	2069'	NEW	L-8	0 40#	N/A	ļ .	Y
Intermediate 2							1,77		
Intermediate 3									
Production							N/A	<u> </u>	1
Tubing							14/74	<u> </u>	·
Packer type and de	pth set								
Comment Details No issues du	ring cement jo	ob.							
CEMENT DATA	Class/Type of Cement	Number of Sacks			rield ³ /sks)	Volum	e Ceme Top (G		WOC (hrs)
Conductor	CLASS A	N/A	N/A		V/A	N/A	0		8+
Surface	CLASS A	448	15.6		.19	533	0		8
Coal									
Intermediate 1	CLASS A	687	15.6	1	.19	820	0		8
Intermediate 2									
Intermediate 3									
Production									
Tubing									
Orillers TD (ft) Deepest formation Plug back proce	edure	ARCELLUS		Loggers TI Plug back t					
Kick off depth ((ft) 833'								
Check all wirel	ine logs run	□ caliper □ neutron	□ density □ resistivity	deviate	ed/direction		induction temperature	□sonic	
Well cored	Yes No	□ Conventio	nal □ Sidew	/all	W	ere cuttin	gs collected	Yes No	
CONSCIONATIONE		ZER PLACEME	NT USED FOI	R EACH CA	ASING ST	TRING			
	TRACK AND EVERY	500' TO SURFACE 'ERY 500' FEET TO SUR	E40E						
INTERNIEDIATE. ON	SHOE THACK AND EV	ERY 500 FEET TO SUR	FACE						
WAS WELL C	OMPLETED A	AS SHOT HOLE	□ Yes □	No DE	ETAILS				
WAS WELL C	OMPLETED C	PEN HOLE?	□ Yes □ No	DET.	AILS _				
WERE TRACE	ERS USED 🗆	Yes □ No	TYPE OF TE	RACER(S)	JSED				

WR-	35
Rev.	8/23/13

Page	of
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API 47- 051	02084	Farm name Donald Hines et UX	We
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Well number Hines M12H

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.

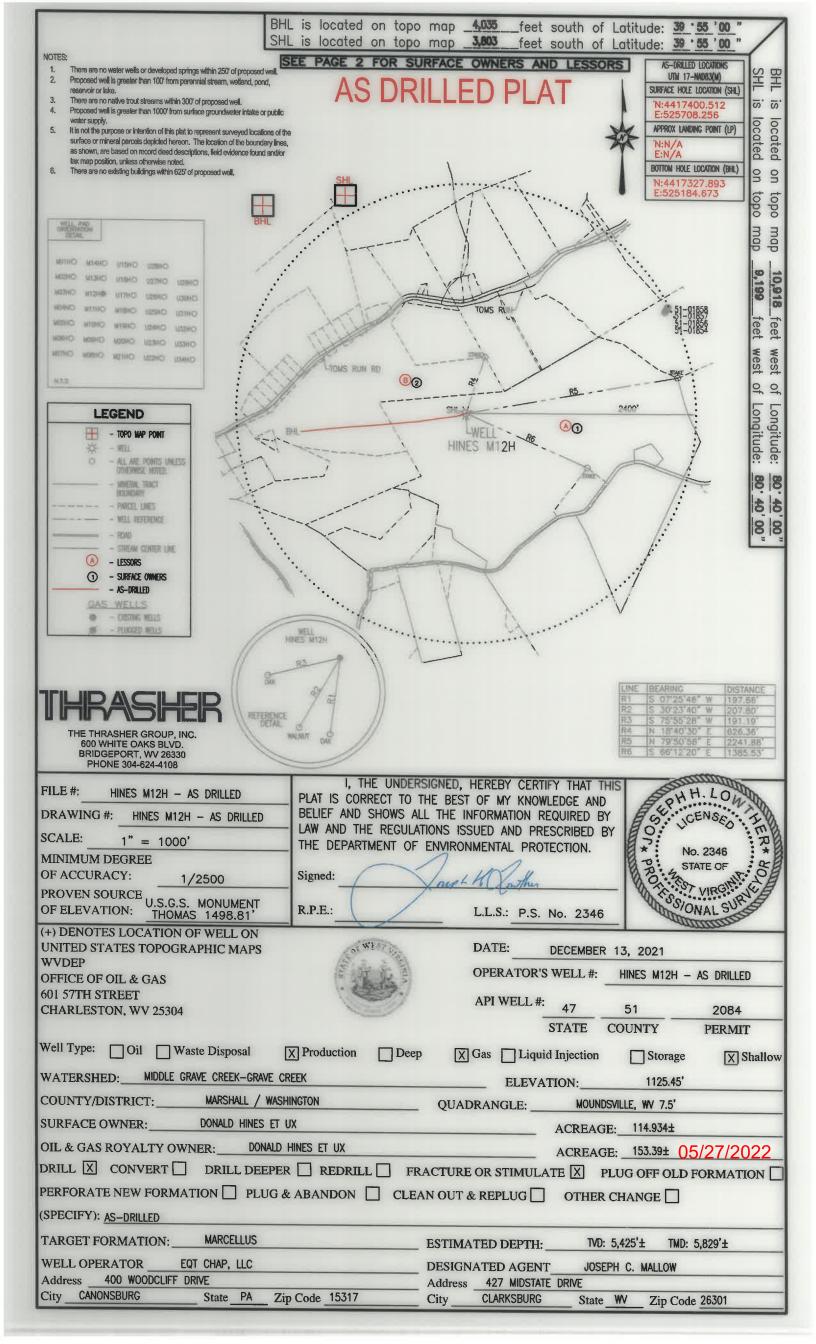
Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
					(- (- (- (- (- (- (- (- (- (- (- (- (- (Troppant (100)	Water (obis)	rangemother (units)
						+		
				-		-		

Please insert additional pages as applicable.

API 47- 051	_ 02084	Farm r	name Donald Hi	nes et UX			Well 1	number_	Hines	M12H
PRODUCING	FORMATION(<u>S)</u>	<u>DEPTHS</u>							
				TVD	-		MD			
Please insert ac	lditional pages a	s applicable.								
GAS TEST	□ Build up □	Drawdown	□ Open Flow		OIL 7	TEST 🗆 1	Flow	Pump		
SHUT-IN PRE	SSURE Surf	ace	_psi Botto	m Hole		psi	DURAT	TION O	F TES	T hrs
OPEN FLOW		Oil pd t	NGL opd	_ bpd _			GAS N	MEASUI nated	RED E	BY fice □ Pilot
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN MD	FT D					D QUANTITYAND NE, OIL, GAS, H2S, ETC)
	0		0							
					_					
					-					
Please insert ac	ditional pages a	a applicable								
		**								
Address 900 Vi	ctor Highlands I	Orilling LLC	City	Charlestor	n		State	WV	Zip	25301
Logging Comp	any Scientific Di	rilling Internation	_							
Address 124 Vis		g		Charleroi			State	PA	_Zip	15022
	npany BJ Service	es								
Address 1036 E			City	Bridgeport	t		State	WV	Zip	26330
	menting mpany									
Address	1		City	+			State		Zip	
Please insert ac	lditional pages a	s applicable.							r	
Completed by	, Derek Ridgway	9112			7	Telephone	412-395	-3139		
Signature 1	I RS		2021 Title M	anaging Dire	ector of	Drilling		Date 11	/18/202	21
0.1. 1. 1. 6										

API 47- 051 - 02084	Farm name_Donald Hines et UX	Well numb	er_Hines M12H
Drilling ContractorAddress	City	State	Zip
Logging Company		State	Zip
Logging CompanyAddress		State	Zip
Drilling ContractorAddress	City	State	Zip

	Well # Hines M:	12H Final Formations AP	# 47-051-02084	
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	366	366
Waynesburg Coal	366	366	369	369
Sand/Shale	369	369	656	656
Pittsburgh Coal	656	656	662	662
Sand/Shale	662	662	1,596	1,594
Big Lime	1,596	1,594	1,658	1,655
Sand/Shale	1,658	1,655	1,832	1,828
Burgoon	1,832	1,828	1,985	1,980
Sand/Shale	1,985	1,980	2,199	2,193
Berea	2,199	2,193	2,220	2,213
Sand/Shale	2,220	2,213	2,456	2,444
Gordon	2,456	2,444	2,531	2,516
Sand/Shale	2,531	2,516	4,978	4,674
Elk	4,978	4,674	4,979	4,675
Sand/Shale	4,979	4,675	5,639	5,255
Rhinestreet	5,639	5,255	5,804	5,400



M12H PAGE 2 OF 2 AS DRILLED PLAT

	SURFACE OWNER	DIST-TM/PAR
1	DONALD HINES ET UX	14-12/30
2	ARNIE N. GOODNIGHT ET UX	14-12/25

	LESSOR	DIST-TM/PAR
A	DONALD HINES ET UX	14-12/30
В	WILLIAM F. RULONG	14-12/25
	CHARLES BURTON RULONG	
	HAROLD DEAN FURBEE	
	DALE FRANCIS FURBEE	
	ROBERT L. RULONG	
0	DRU ELLA FOX	
	JOHN T. MORRIS	
1	LYNN ELLEN COOK	
	ETHEL M. RULONG	
	TERRY LEE RULONG	
	RICHARD J. RULONG	
	TRACEY LYNN RULONG	
	GARY MORRISON	
	ELIZABETH Y. MORRISON	
	ROGER GLEN RULONG	
	LIMESTONE PRESBYTERIAN CHURCH TRUSTEES	
	CLYDE DOWLER ET UX	
	LAURA J. REYES	

AS-DRILLED LOCATIONS
UTM 17-NADB3(M)
SURFACE HOLE LOCATION (SHL)
N:4417400.512
E:525708.256
APPROX LANDING POINT (LP)
N:N/A
E:N/A
BOTTOM HOLE LOCATION (BHL)
N:4417327.893
E:525184.673

05/27/2022

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE



THE THRASHER GROUP, INC. 600 WHITE OAKS BLVD. BRIDGEPORT, WV 26330 PHONE 304-624-4108