

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

API 47 - 051 - 01793 County Marshall District Clay  
Quad Glen Easton Pad Name Taylor B Field/Pool Name \_\_\_\_\_  
Farm name Williams Ohio Valley Midstream, LLC Well Number Taylor B 2H  
Operator (as registered with the OOG) Chevron Appalachia, LLC  
Address 700 Cherrington Parkway City Coraopolis State PA Zip 15108

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 496426.52 Easting 1634976.25  
Landing Point of Curve Northing 496892.97 Easting 1634419.38  
Bottom Hole Northing 503765.26 Easting 1628889.16

Elevation (ft) 1222' 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)  
Synthetic -- barite, fluid loss, emulsifiers, rheological control

Date permit issued 4/7/2015 Date drilling commenced 10/30/2015 Date drilling ceased 3/10/2016  
Date completion activities began 9/6/16 Date completion activities ceased 2/17/19  
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 797' Open mine(s) (Y/N) depths N  
Salt water depth(s) ft \_\_\_\_\_ Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 765' Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) Y

**Reviewed**

Reviewed by: *[Signature]*  
3/28/19

WR-35  
Rev. 8/23/13

API 47-051 - 01793 Farm name Williams Ohio Valley Midstream, LLC Well number Taylor B 2H

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	26"	20"	130'	New			Y
Surface	17 1/2"	13 3/8"	549'	New	J-55 / 54.50#		Y
Coal	12 1/4"	9 5/8"	2197'	New	J-55 / 40#		Y
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	8 1/2"	5 1/2"	15713'	New	P-110 / 20#		Y
Tubing							
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Bulk Cement	Bulk Cement				Surface	8
Surface	Class A	432	15.6	1.20	518.4	Surface	8
Coal	Class A	815	15.6	1.19	969.85	Surface	8
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	Lead & Tail - Class G/H	Lead - 1395 / Tail - 1991	Lead - 14.8 / Tail - 15.2	Lead - 1.12 / Tail - 1.15	Lead - 1562.4 / Tail 2289.65	Surface	8
Tubing							

Drillers TD (ft) 15733' Loggers TD (ft) 15733'

Deepest formation penetrated Marcellus Plug back to (ft) \_\_\_\_\_

Plug back procedure \_\_\_\_\_

Kick off depth (ft) 5671'

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 there is a bow string centralizer every two joints on the water and intermediate strings. The production string has 2 centralizers every joint in the lateral and curve, then one every joint from KOP to surface.

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS SEE ATTACHED PERFORATION AND STIMULATION REPORTS

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_

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API: 47-051-01793	Farm Name: Williams Ohio Valley Midstream LLC	Well Number: Taylor B 2H
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PERFORATION RECORD					
Stage No.	Perforation Date	Perforated From TMD Ft.	Perforated To TMD Ft.	Number of Perforations	Formation(s)
1	11/17/16	15607	15447	50	Marcellus
2	11/17/16	15406	15166	50	Marcellus
3	11/18/16	15123	14888	50	Marcellus
4	11/18/16	14845	14605	50	Marcellus
5	11/18/16	14565	14325	50	Marcellus
6	11/18/16	14285	14045	50	Marcellus
7	9/20/18	14005	13845	47	Marcellus
8	9/20/18	13805	13645	47	Marcellus
9	9/20/18	13605	13445	47	Marcellus
10	9/21/18	13405	13245	47	Marcellus
11	9/21/18	13205	13045	47	Marcellus
12	9/21/18	13005	12845	47	Marcellus
13	9/21/18	12805	12645	47	Marcellus
14	9/22/18	12605	12445	47	Marcellus
15	9/24/18	12405	12245	47	Marcellus
16	9/25/18	12205	12045	47	Marcellus
17	9/25/18	12005	11845	47	Marcellus
18	9/25/18	11805	11645	47	Marcellus
19	9/26/18	11605	11445	47	Marcellus
20	9/26/18	11405	11245	47	Marcellus
21	9/26/18	11205	11045	47	Marcellus
22	9/26/18	11005	10845	47	Marcellus
23	9/27/18	10805	10645	47	Marcellus
24	9/27/18	10605	10445	47	Marcellus
25	9/27/18	10405	10245	47	Marcellus
26	9/27/18	10205	10045	47	Marcellus
27	9/28/18	10005	9845	47	Marcellus
28	9/28/18	9805	9645	47	Marcellus
29	9/28/18	9605	9445	47	Marcellus
30	9/28/18	9405	9245	47	Marcellus
31	9/29/18	9205	9045	47	Marcellus
32	9/29/18	9005	8845	47	Marcellus
33	9/30/18	8805	8645	47	Marcellus
34	9/30/18	8605	8445	47	Marcellus
35	9/30/18	8405	8245	47	Marcellus
36	9/30/18	8205	8045	47	Marcellus
37	10/1/18	8005	7845	47	Marcellus
38	10/1/18	7805	7645	47	Marcellus
39	10/1/18	7605	7445	47	Marcellus
40	10/2/18	7405	7245	47	Marcellus
41	10/2/18	7205	7045	47	Marcellus
42	10/2/18	7005	6845	47	Marcellus

Please insert additional copies of this page if additional rows/stages are needed.

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API: 47-051-01793	Well Name: Williams Ohio Valley Midstream LLC	Well Number: Taylor B 2H
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STIMULATION INFORMATION / STAGE								
Complete a separate record for each stimulation stage. (Please insert additional lines for additional stages or additional pages as applicable).								
Stg No.	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbbls)	Amount of Nitrogen/ other (units)
1	11/17/16	92.1	8090	n/a	4062	490827	623	n/a
2	11/17/16	95.4	8300	6514	4607	490500	545	n/a
3	11/18/16	99.4	8365	6212	4650	491400	551	n/a
4	11/18/16	94.5	8038	6217	4600	491232	621	n/a
5	11/18/16	98.5	8340	6150	4775	491079	613	n/a
6	11/18/16	99.4	8442	6092	4944	490500	576	n/a
7	9/20/18	94.9	9016	n/a	4919	399705	9736	n/a
8	9/20/18	99	8515	5313	4905	399136	9791	n/a
9	9/20/18	99.6	8513	5340	4951	400435	10747	n/a
10	9/21/18	99.9	8326	5437	4663	398582	9718	n/a
11	9/21/18	100.2	8258	5645	5039	400434	9510	n/a
12	9/21/18	100.4	8484	5562	4802	399423	9533	n/a
13	9/21/18	100	8232	5842	4811	411393	9679	n/a
14	9/22/18	100	8155	5578	4836	397342	9531	n/a
15	9/24/18	96	8501	5816	4627	400710	10194	n/a
16	9/25/18	98.7	8294	6531	4718	400810	9543	n/a
17	9/25/18	100	8506	5934	4882	402861	9409	n/a
18	9/25/18	100.3	8417	5847	4475	400236	9654	n/a
19	9/26/18	98.6	7997	5966	4599	400137	10092	n/a
20	9/26/18	99.5	8110	6083	4818	400321	9282	n/a
21	9/26/18	100.1	8503	5540	4896	400664	9298	n/a
22	9/26/18	100.3	8154	6202	4733	400600	9477	n/a
23	9/27/18	100.3	8152	5962	4500	400496	9489	n/a
24	9/27/18	99.9	8023	6121	4889	401183	9456	n/a
25	9/27/18	100	8411	6433	4858	399884	9405	n/a
26	9/27/18	99.3	8114	6109	4767	402423	9375	n/a
27	9/28/18	99.6	8141	5947	4629	401038	9487	n/a
28	9/28/18	100.4	8475	6703	4953	400267	9318	n/a
29	9/28/18	100.4	8118	5293	4922	400746	9324	n/a
30	9/28/18	99.5	8088	5766	4618	400958	9421	n/a
31	9/29/18	100.2	8185	6186	4977	400838	10186	n/a
32	9/29/18	100	7715	5369	4730	400139	9298	n/a
33	9/30/18	100	7906	6582	4730	399943	9348	n/a
34	9/30/18	100	7493	6763	4997	399930	9264	n/a
35	9/30/18	99.8	7542	6109	4894	400979	9236	n/a
36	9/30/18	99.8	7086	5466	4562	401869	9215	n/a
37	10/1/18	99.8	7585	6493	4831	399508	9076	n/a
38	10/1/18	99.8	8285	6901	4817	400506	9267	n/a
39	10/1/18	99.8	7308	5218	4901	400427	9044	n/a
40	10/2/18	100	7524	6878	4850	400614	9151	n/a
41	10/2/18	100.6	7578	6275	4674	399626	9214	n/a
42	10/2/18	99.9	7309	6503	4757	402424	9152	n/a

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Taylor B 2H (51-01793)				
Top	Top MD	Base MD	TVD	TVD
Dunkard	0	472	0	472
Waynesburg/Monongahela	472	771	472	771
Pittsburgh Coal	765	771	765	771
Conemaugh	771	1109	771	1109
Salt Sands	1489	1729	1488	1728
Mauch Chunk	1729	1836	1728	1835
Big Lime	1836	1924	1835	1923
Burgoon	1924	2144	1923	2143
Squaw	2144	2269	2143	2268
Weir	2269	2469	2268	2468
Berea	2483	2499	2482	2498
Gordon	2729	2809	2728	2808
Upper Bayard	3082	3114	3081	3113
Rhinestreet	5889	6186	5885	6164
Sycamore	6186	6281	6164	6248
Middlesex	6281	6470.57	6248	6394
BRKT	6470.57	6494.27	6394	6409
TLLY	6494.27	6545.96	6409	6442
S5	6545.96	6719.09	6442	6520
S3	6719.09	6813.4	6520	6542
STFD*	6813.4	6821.84	6542	6543
S2.B	6821.84	7210	6543	6549
S2.A	7210		6549	

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API: 47-051-01793	Farm Name: Williams Ohio Valley Midstream, LLC	Well Number: Taylor B 2H
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DRILLING CONTRACTORS		
Driller	Driller	Driller
Name Rocky Mountain Drilling	Name Highlands Drilling LLC	Name Nabors Drilling USA
Address 185 North Vernal Avenue, Suite 2	Address 900 Virginia Street East	Address 10100 NW 10th Street
City - State - Zip Vernal, UT 84078	City - State - Zip Charlestown, WV 25301	City - State - Zip Oklahoma City, OK 73127

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# Hydraulic Fracturing Fluid Product Component Information Disclosure

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Job Start Date:	11/17/2016
Job End Date:	11/18/2016
State:	West Virginia
County:	Marshall
API Number:	47-051-01793-00-00
Operator Name:	Chevron USA Inc.
Well Name and Number:	Taylor B 2H
Latitude:	39.85688400
Longitude:	-80.68808200
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,473
Total Base Water Volume (gal):	2,665,530
Total Base Non Water Volume:	



## Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Scale Hib A	Universal Well Services	Scale Inhibitor					
				Listed Below			
Unihib G	Universal Well Services	Acid Inhibitor					
				Listed Below			

Submitted 12/13/16

Sand (Proppant)	Universal Well Services	Proppant					
				Listed Below			
Water	Chevron Appalachia, LLC	Carrier/Base Fluid					
				Listed Below			
K-Bac 1020	Universal Well Services	Biocide					
				Listed Below			
Unislick ST50	Universal Well Services	Friction Reducer					
				Listed Below			
Hydrochloric Acid (7.5%)	Universal Well Services	Acidizing					
				Listed Below			

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Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.

			Water	7732-18-5	100.00000	87.37367
			Silica	14808-60-7	99.90000	11.55848
			Hydrogen Chloride	7647-01-0	7.50000	0.07040
			Petroleum Distillates, Hydrotreated Light	64742-47-8	30.00000	0.02625
			Ammonium Acetate	631-61-8	13.00000	0.01137
			Ethylene Glycol	107-21-1	30.00000	0.00610
			Triethanolamine Tri (Phosphate Ester), Sodium Salt	68171-29-9	30.00000	0.00610
			Polyethylene Glycol	25322-68-3	50.00000	0.00473
			Alcohols, ethoxylated	68551-12-2	5.00000	0.00437
			Alcohols, ethoxylated	68002-97-1	5.00000	0.00437
			Alcohols, ethoxylated	68439-50-9	5.00000	0.00437

			Water	7732-18-5	30.00000	0.00284	
			2,2-Dibromo-3-nitrilopropionamide	10222-01-2	21.00000	0.00199	
			Butyl diglycol	112-34-5	75.00000	0.00021	
			Alcohols, C10-16, ethoxylated	68002-97-1	50.00000	0.00014	
			Methanol	67-56-1	5.00000	0.00001	
			Thiourea	62-56-6	1.00000		
			Formaldehyde	50-00-0	1.00000		

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\* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

\*\*\* If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)





# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	9/20/2018
Job End Date:	10/2/2018
State:	West Virginia
County:	Marshall
API Number:	47-051-01793-00-00
Operator Name:	Chevron USA Inc.
Well Name and Number:	Taylor B 2H
Latitude:	39.85688400
Longitude:	-80.68808000
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,519
Total Base Water Volume (gal):	14,360,640
Total Base Non Water Volume:	0



## Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Chevron	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	88.21719	None
Sand	UPP	Proppant					
			Crystalline Silica in the form of Quartz	14808-60-7	99.90000	10.60919	None
HCL Acid (7.5%)	UPP	Acidizing					
			Hydrochloric Acid	7647-01-0	7.50000	0.07915	None
Unislick ST50	UPP	Friction reducer					
			Petroleum distillates, hydrotreated light	64742-47-8	30.00000	0.01899	None
			Ammonium acetate	631-61-8	13.00000	0.00823	None
			Alcohols, ethoxylated	68439-50-9	5.00000	0.00316	None
			Alcohols, ethoxylated	68002-97-1	5.00000	0.00316	None
			Alcohols, ethoxylated	68551-12-2	5.00000	0.00316	None
EC6116A	UPP	Biocide					
			Polyethylene glycol	7732-18-5	60.00000	0.00691	None
			2,2-Dibromo-3-nitrilopropionamide	10222-01-2	30.00000	0.00346	None
			Dibromoacetonitrile	3252-43-5	5.00000	0.00058	None

Submitted 11/1/18

Iron Control A	UPP	Iron Control Agent						
			Ethylene Glycol	107-21-1	30.00000	0.00547	None	
Scale Inhibitor E	UPP	Scale Inhibitor						
			Copolymer of Maleic and Acrylic Acid	52255-49-9	20.00000	0.00276	None	
			DETA phosphonate	15827-60-8	5.00000	0.00069	None	
			Hexamethylene Triamine Penta (Methylene Phosphonic Acid)	34690-00-1	5.00000	0.00069	None	
Unihib G	UPP	Acid inhibitor						
			Butyl diglycol	112-34-5	75.00000	0.00062	None	
			Alcohols, C10-16, ethoxylated	68002-97-1	50.00000	0.00041	None	
			Methanol	67-56-1	5.00000	0.00004	None	
			Thiourea	62-56-6	1.00000	0.00001	None	
			Formaldehyde	50-00-0	1.00000	0.00001	None	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.								
Other Chemical(s)	Listed Above	See Trade Name(s) List						
			Ammonium acetate	631-61-8	13.00000	0.00823		
			Polyethylene glycol	7732-18-5	60.00000	0.00691		
			Alcohols, ethoxylated	68551-12-2	5.00000	0.00316		
			Alcohols, ethoxylated	68002-97-1	5.00000	0.00316		
			Alcohols, ethoxylated	68439-50-9	5.00000	0.00316		
			Hexamethylene Triamine Penta (Methylene Phosphonic Acid)	34690-00-1	5.00000	0.00069		
			DETA phosphonate	15827-60-8	5.00000	0.00069		
			Dibromoacetonitrile	3252-43-5	5.00000	0.00058		
			Alcohols, C10-16, ethoxylated	68002-97-1	50.00000	0.00041		
			Methanol	67-56-1	5.00000	0.00004		
			Formaldehyde	50-00-0	1.00000	0.00001		
			Thiourea	62-56-6	1.00000	0.00001		

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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# AS DRILLED PLAT

BHL is located on topo map 14,520 feet south of Latitude: 39° 55' 00"  
 SHL is located on topo map 6,599 feet south of Latitude: 39° 52' 30"

**PERMITTED**  
**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83(M)  
 N:4414117.69  
 E:524780.96  
 NAD 83, WV NORTH  
 N:503744.14  
 E:1528862.73  
 LAT/LON DATUM-NAD83  
 LAT:39.876747  
 LON:-80.710208

**AS-DRILLED**  
**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83(M)  
 N:4414124.26  
 E:524785.91  
 NAD 83, WV NORTH  
 N:503765.26  
 E:1528889.15  
 LAT/LON DATUM-NAD83  
 LAT:39.876806  
 LON:-80.710117

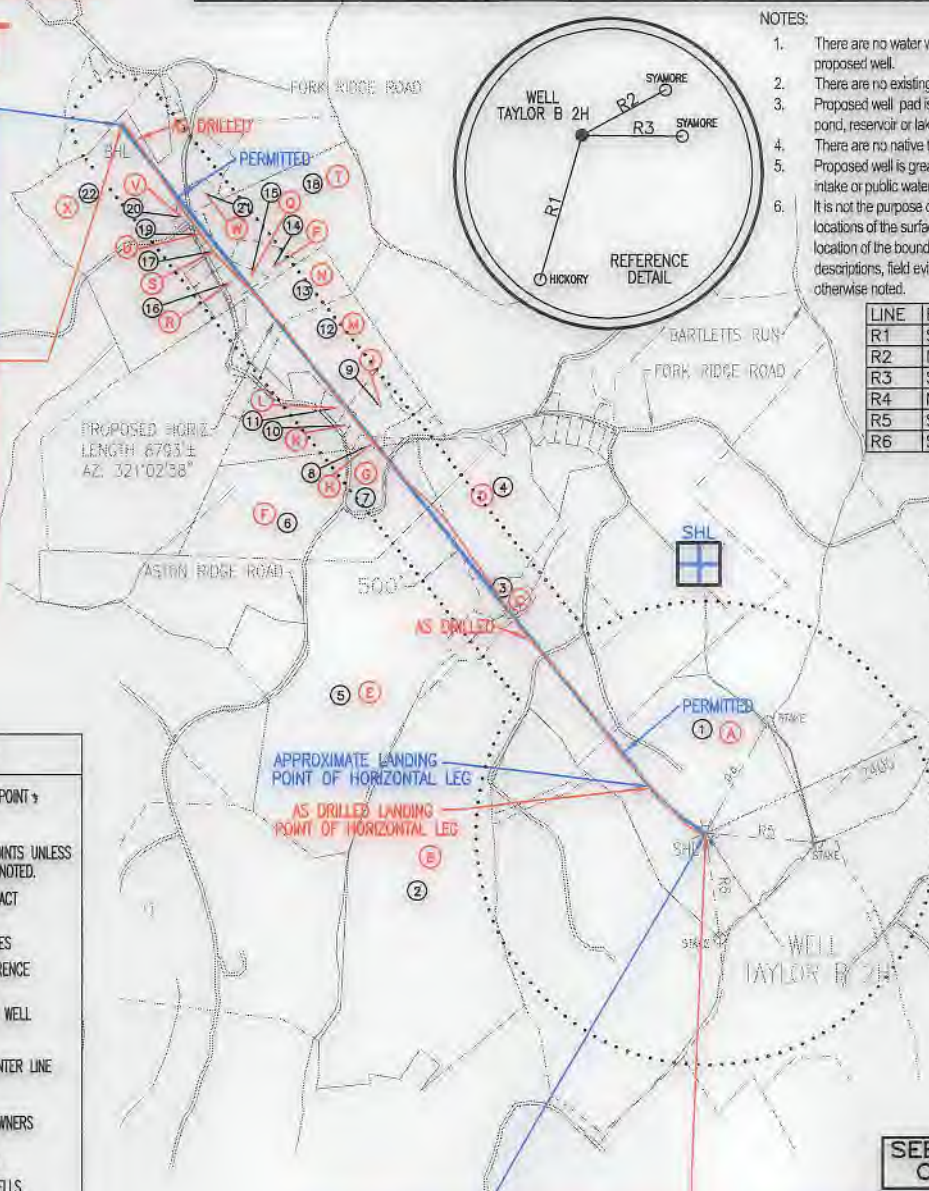
**LEGEND**

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- LESSORS
- SURFACE OWNERS

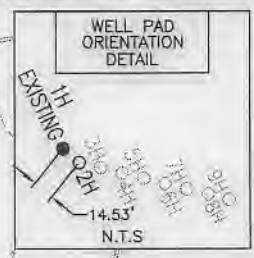
**GAS WELLS**

- EXISTING WELLS
- PLUGGED WELLS

**Blue Mountain Inc.**  
 11023 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486



LINE	BEARING	DISTANCE
R1	S 16°11'27" W	258.87'
R2	N 61°56'22" E	165.39'
R3	S 89°27'09" E	174.99'
R4	N 29°35'41" E	1317.61'
R5	S 85°18'52" E	1166.36'
R6	S 07°26'41" E	1095.83'



SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

**PERMITTED**  
**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83(M)  
 N:4411919.48  
 E:526680.74  
 NAD 83, WV NORTH  
 N:496426.52  
 E:1634976.25  
 LAT/LON DATUM-NAD83  
 LAT:39.856883  
 LON:-80.688083

**AS-DRILLED**  
**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83(M)  
 N:4411919.48  
 E:526680.74  
 NAD 83, WV NORTH  
 N:496426.52  
 E:1634976.25  
 LAT/LON DATUM-NAD83  
 LAT:39.856883  
 LON:-80.688083

**PERMITTED**  
**APPROX. LANDING POINT**  
 UTM 17-NAD83(M)  
 N:4412062.45  
 E:526499.90  
 NAD 83, WV NORTH  
 N:496905.60  
 E:1634390.69  
 LAT/LON DATUM-NAD83  
 LAT:39.858178  
 LON:-80.690192

**AS-DRILLED**  
**APPROX. LANDING POINT**  
 UTM 17-NAD83(M)  
 N:4412058.75  
 E:526508.71  
 NAD 83, WV NORTH  
 N:496892.97  
 E:1634419.38  
 LAT/LON DATUM-NAD83  
 LAT:39.858144  
 LON:-80.690089

BHL is located on topo map 500 feet west of Longitude: 80° 42' 30"  
 SHL is located on topo map 6,012 feet west of Longitude: 80° 40' 00"

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.

Signed: George D. Six

R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000



FILE #: TAYLOR B 2H - AS-DRILLED  
 DRAWING #: TAYLOR B 2H - AS-DRILLED  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

WELL Type:  Oil  Waste Disposal  Production  Deep  Gas  Liquid Injection  Storage  Shallow

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1222.00'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: WILLIAMS OHIO VALLEY MIDSTREAM LLC ACREAGE: 91.93±

OIL & GAS ROYALTY OWNER: LEE R. & SHERRI L. TAYLOR ACREAGE: 723.983±

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE

(SPECIFY): AS-DRILLED PLAT

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,533'± TMD: 15,752.95'±

WELL OPERATOR: CHEVRON APPALACHIA, LLC DESIGNATED AGENT: KENNETH E. TAWNEY  
 Address: 700 CHERRINGTON PARKWAY Address: 500 LEE STREET, EAST SUITE 1600  
 City: CORAOPOLIS State: PA Zip Code: 15108 City: CHARLESTON State: WV Zip Code: 25301-3202

DATE: MARCH 12, 2018  
 OPERATOR'S WELL #: TAYLOR B 2H - AS-DRILLED  
 API WELL #: 47 51 01793  
 STATE COUNTY PERMIT



# AS DRILLED PLAT

# TAYLOR B 2H PAGE 2 OF 2

04/05/2019

	SURFACE OWNER	DIST-TM/PAR
1	WILLIAMS OHIO VALLEY MIDSTREAM LLC	4-10/20
2	WILLIAMS OHIO VALLEY MIDSTREAM LLC	4-10/21
3	WILLIAM ROGER STANDIFORD ET UX	4-9/23.8
4	WILLIAM R. STANDIFORD ET UX	4-9/23.3
5	LEWIS A. ASTON, JR. ET UX	4-10/6
6	LEWIS A. ASTON, JR. ET UX	4-9/13
7	WILLIAM R. & LINDA L. STANDIFORD	4-9/14
8	WILLIAM R. & LINDA L. STANDIFORD	4-9/15
9	HARLEY L. GATTS II ET UX	4-9/7.3
10	HARLEY L. GATTS ET UX	4-9/7.1
11	*HARLEY L. II & PATRICIA GATTS	4-9/7.4
12	HARLEY L. II & PATRICIA L. GATTS	4-9/7
13	JAMES R. BUCHANAN JR.	4-9/8
14	CAROL LYNN MINOR ET VIR	4-9/2.6
15	JAMES L. KOONCE ET AL	4-9/2.14
16	MARTHA J. & JAMES KOONCE ET AL	4-9/2.10
17	ROGER W. & JODY L. LOSH	4-9/2.11
18	GUERRY J. & SUZANNE K. SCHUMAN	4-9/2.15
19	ROGER W. & JODY L. LOSH	4-9/2.13
20	JEFFREY LOWELL RYAN	4-9/2.16
21	GUERRY J. & SUZANNE K. SCHUMAN	4-9/2.9
22	JEFFREY L. RYAN	4-9/2.5

	LESSOR
A	LEE R. & SHERRI L. TAYLOR
B	LEE R. & SHERRI L. TAYLOR
C	WILLIAM ROGER STANDIFORD
D	WILLIAM ROGER STANDIFORD
E	LEWIS A. JR. & CATHY ASTON
F	LEWIS A. JR. & CATHY ASTON
G	WILLIAM ROGER STANDIFORD
H	WILLIAM ROGER STANDIFORD, ET AL
J	HARLEY L. GATTS, ET AL
K	HARLEY L. GATTS, ET AL
L	*HARLEY L. GATTS, ET AL
M	HARLEY L. GATTS, ET AL
N	JAMES R. BUCHANAN JR.
P	RANDY L. & CAROL L. MINOR
Q	JAMES L. & MARTHA J. KOONCE
R	JAMES L. & MARTHA J. KOONCE
S	ROGER W. & JODY L. LOSH
T	GUERRY J. & SUZANNE K. SCHUMAN
U	ROGER W. & JODY L. LOSH
V	JEFFREY L. RYAN
W	GUERRY J. & SUZANNE K. SCHUMAN
X	JEFFREY L. RYAN

\* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

PERMITTED SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4411919.48
E:526680.74
NAD 83, WV NORTH
N:496426.52
E:1634976.25
LAT/LON DATUM-NAD83
LAT:39.856883
LON:-80.688083

PERMITTED APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4412062.45
E:526499.90
NAD 83, WV NORTH
N:496905.60
E:1634390.69
LAT/LON DATUM-NAD83
LAT:39.858178
LON:-80.690192

PERMITTED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4414117.69
E:524780.96
NAD 83, WV NORTH
N:503744.14
E:1628862.73
LAT/LON DATUM-NAD83
LAT:39.876747
LON:-80.710208

AS-DRILLED SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4411919.48
E:526680.74
NAD 83, WV NORTH
N:496426.52
E:1634976.25
LAT/LON DATUM-NAD83
LAT:39.856883
LON:-80.688083

AS-DRILLED APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4412058.75
E:526508.71
NAD 83, WV NORTH
N:496892.97
E:1634419.38
LAT/LON DATUM-NAD83
LAT:39.858144
LON:-80.690089

AS-DRILLED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4414124.26
E:524788.91
NAD 83, WV NORTH
N:503765.26
E:1628889.16
LAT/LON DATUM-NAD83
LAT:39.876808
LON:-80.710117