Well Operator's Report of Well Work

EQT
Where energy meets innovation.

Well Number: 514460

API: 47 - 095 - 02257

Submission: ☑ Initial ☐ Amended

Notes: - Please see attached document for current status of well.
- Mylar Plat attached

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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 - 095 - 02257 County TYLER District McElroy
Quad SHIRLEY Pad Name SHR60 Field/Pool Name N/A
Farm name WELLS, VIVIAN J. et al Well Number 514460
Operator (as registered with the OOG) EQT Production Company
Address 625 Liberty Ave. EQT Plaza, Suite 1700 City Pittsburgh State PA Zip 15222

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing N 4,360,607.42 Easting 516,268.70
Landing Point of Curve Northing N 4,360,500.46 Easting 516,270.91
Bottom Hole Northing N 4,356,602.53 Easting 518,009.11

Elevation (ft) 1011 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 Oil Based Mud 12.9 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phophates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 07/23/2015 Date drilling commenced 07/24/2015 Date drilling ceased 09/15/2017
Date completion activities began ___ Date completion activities ceased ___
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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

Freshwater depth(s) ft 906 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1865 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 19, 420, 686, 875, 1315 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

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API 47- 095 - 02257 Farm name WELLS, VIVIAN J. et al Well number 514460

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"	60'	NEW	A-500 94LB/FT	NONE	Y
Surface	17.5"	13.375"	997'	NEW	J-55 54.5LB/FT	413'	Y
Coal							
Intermediate 1	12.375"	9.625"	2779'	NEW	A-500 40LB/FT	1889'	N
Intermediate 2							
Intermediate 3							
Production	8.5"	5.5"	20984'	NEW	P-110 20LB/FT	NONE	N
Tubing							
Packer type and depth set							

Comment Details Intermediate Cement - Hydraulics on cement company's equipment went down. Ran CBL. TOC determined at 740'. Per State, grout cement to surface with 223 sacks.

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	CLASS A	90	15.6	1.18	69.62	0	8
Surface	CLASS A	873	15.6	1.2	1047.6	0	8
Coal							
Intermediate 1	CLASS A	900/115/223	15.2/15.6/15.6	1.25/1.18/1.18	1125/135/263	740	8/6
Intermediate 2							
Intermediate 3							
Production	CLASS H / CLASS H	357/1746	15.2/ 15.6	1.25 / 2.06	446/3597	5850'	8
Tubing							

Drillers TD (ft) 21,001' MD Loggers TD (ft) N/A

Deepest formation penetrated MARCELLUS Plug back to (ft) 5135'

Plug back procedure AIR DROP CEMENT PLUG WITH 537 SACKS

Kick off depth (ft) 5017' MD

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

CONDUCTOR- NONE

SURFACE- JOINTS: 1, 11, 21

INTERMEDIATE- 7 CENTRALIZERS RAN AT LEAST EVERY 500 FEET

PRODUCTION- Every Joint from TD to 4985' MD

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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API 47- 950 - 2257 Farm name WELLS, VIVIAN J. et al Well number 514460

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)

Please insert additional pages as applicable.

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PRODUCING FORMATION(S) DEPTHS

_____ _____ 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 NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H_2S, ETC)
	0		0		

Please insert additional pages as applicable.

Drilling Contractor ALPHA HUNTER DRILLING (RIG 5)
Address P.O. BOX 430 City RENO State OH Zip 45773

Logging Company BAKER HUGHES OILFIELD OPERATIONS, INC.
Address 837 Philippi Pike City CLARKSBURG State WV Zip 26301

Cementing Company BAKER HUGHES OILFIELD OPERATIONS, INC.
Address 837 Philippi Pike City CLARKSBURG State WV Zip 26301

Stimulating Company _____
Address _____ City _____ State _____ Zip _____
Please insert additional pages as applicable.

Completed by Adam Hughey Telephone (412) 553-5884
Signature _____ Title Director Completions Date 11/29/2018

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

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API 47- 950 - 2257 Farm name WELLS, VIVIAN J. et al Well number 514460

Drilling Contractor Savanna Drilling (Rig 655)
Address 125 Industry Road City Waynesburg State PA Zip 15370

Logging Company GYRODATA
Address 601 MAYER ST City BRIDGEVILLE State PA Zip 15017

Logging Company Hoss Co. Services LLC
Address 614 Trotters Lane City Charleston State WV Zip 25312

Cementing Company _____
Address _____ City _____ State _____ Zip _____

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Well # 514460 Final Formations API # 47-950-2257

Formation Name	Drill Top MD	Drill Top TVD	Drill Bottom MD	Drill Bottom TVD	Gas At
SAND/SHALE	1	1	26	26	
COAL	22	22	26	26	
SAND/SHALE	26	26	423	423	
COAL	423	423	427	427	
SAND/SHALE	427	427	689	689	
COAL	689	689	693	693	
SAND/SHALE	693	693	878	878	
COAL	878	878	882	882	
SAND/SHALE	882	882	1318	1318	
COAL	1318	1318	1322	1322	
SAND/SHALE	1322	1322	1537	1537	
MAXTON	1537	1537	1590	1590	
SAND/SHALE	1590	1590	1832	1832	
BIG LIME	1832	1832	2114	2113.9	
SAND/SHALE	2114	2113.9	2254	2253.9	
WEIR	2254	2253.9	2320	2319.9	
SAND/SHALE	2320	2319.9	2371	2370.9	
GANTZ	2371	2370.9	2418	2417.9	
SAND/SHALE	2418	2417.9	2464	2463.9	
50F	2464	2463.9	2496	2495.9	
SAND/SHALE	2496	2495.9	2598	2597.9	
30F	2598	2597.9	2639	2638.9	
SAND/SHALE	2639	2638.9	2689	2688.9	
GORDON	2689	2688.9	2703	2702.9	
SAND/SHALE	2703	2702.9	2894	2893.9	
5TH SAND	2894	2893.9	2923	2922.9	
SAND/SHALE	2923	2922.9	3010	3009.9	
BAYARD	3010	3009.9	3070	3069.9	
SAND/SHALE	3070	3069.9	3342	3341.8	
WARREN	3342	3341.8	3416	3415.8	
SAND/SHALE	3416	3415.8	3436	3435.8	
SPEECHLEY	3436	3435.8	3554	3553.8	
SAND/SHALE	3554	3553.8	3858	3857.8	
BALLTOWN A	3858	3857.8	3928	3927.8	
SAND/SHALE	3928	3927.8	4551	4550.8	
RILEY	4551	4550.8	4558	4557.8	
SAND/SHALE	4558	4557.8	4968	4967.7	
BENSON	4968	4967.7	5005	5004.7	
SAND/SHALE	5005	5004.7	5225	5222.6	
ALEXANDER	5225	5222.6	6318	6274.5	5376, 5392, 5498, 5514, 6233, 6249
SONYEA	6318	6274.5	6446	6386.5	
MIDDLESEX	6446	6386.5	6508	6433.2	
GENESSEE	6508	6433.2	6641	6511	
GENESEO	6641	6511	6707	6537.8	
TULLY	6707	6537.8	6774	6561.6	
HAMILTON	6774	6561.6	6829	6578.5	
MARCELLUS	6829	6578.5	21001	6632.5	6563

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514460 SHR 60 – Plug Back – Revised Plan 1

Well No: 514460 SHR 60
State: West Virginia
County: Tyler

Well Status:

Well Currently shut In. No frac stages completed. Toe popper opening has not been attempted. Made two attempts to back off 5-1/2 casing at 6200 ft and screw back into with DV tool above back off point for re-cementing of the casing. Unable to get connection at screw-in point to pressure test.

Float collar at – 20,959 ftKB
Team toe sub at – 20,925 ftKB
KB – 16 ft

Max TVD – 6,633 ftKB
KOP – 5,087 ftKB

Top of Marcellus Formation – 6578 Ft TVD --- 6830 Ft MD

Halliburton DV Tool set at 6153 ftKB
Screw in and suspected leak point at 6244 ftKB

Two Halliburton Obsidian Bridge Plugs Set at 6450 ftKB and 6500 ftKB

Fluid in hole:

- 8.3# water below Bridge Plug at 6500 ftKB
- 13.3# Synthetic Oil Base Mud above the Bridge Plug at 6450 ftKB

Objective:

Plug well back

- Planned sidetrack depth is 6750 ft

Steps:

- Move in Workover Rig and WL unit
- NU BOP and test
- Drill out DV tool at 6153 ftKB and the two composite bridge plugs at 6,500' and 6,450'.
- Set one new bridge plug at 6820 ftKB (Revised Plan)
- Cut 5-1/2 casing at 6700 ft
- Pull 5-1/2 casing from well
- Make clean out run with 8-1/2 Bit to top of the cut off 5-1/2 casing
- RIH with open ended with 2-7/8 tubing to 10 ft above the cut off 5-1/2 casing
- Set three 400 ft cement plugs
    - Plug one from 6700 – 6300 ftKB
    - Plug two from 6300 – 5900 ftKB
    - Plug three from 5900 – 5500 ftKB
- Trip 2-7/8 tubing from well
- RDMO work over rig

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Actual Wellpath Report

SHR-60 514460 ST01 AWP Proj: 21001'

EQT — Where energy meets innovation.

BAKER HUGHES a GE company

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert West Virginia SP, Northern Zone (4701), US feet	Software System	WellArchitect® 5.0
North Reference	Grid	User	Edsaryar
Scale	0.999949	Report Generated	23/Aug/2017 at 20:14
Convergence at slot	0.84° West	Database/Source file	WA_MPL_EASTERNUS_Defn/SHR-60_514460_ST01_AWP_Proj__21001_.xml

WELLPATH LOCATION	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	1629438.62	328582.21	39°23'41.019"N	80°48'40.465"W
Facility Reference Pt			1629438.62	328582.21	39°23'41.019"N	80°48'40.465"W
Field Reference Pt			609601.22	0.00	38°23'48.753"N	84°21'09.765"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Savanna 655 (RKB) to Facility Vertical Datum	1027.00ft
Horizontal Reference Pt	Slot	Savanna 655 (RKB) to Mean Sea Level	1027.00ft
Vertical Reference Pt	Savanna 655 (RKB)	Savanna 655 (RKB) to Ground Level at Slot (Slot 514460)	16.00ft
MD Reference Pt	Savanna 655 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	157.45°

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REFERENCE WELLPATH IDENTIFICATION			
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Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	157.800	0.00	-1027.00	0.00	0.00	0.00	0.00	0.00	0.00	
16.00	0.000	157.800	16.00	-1011.00	0.00	0.00	0.00	0.00	0.00	0.00	
103.00	0.390	157.800	103.00	-924.00	0.30	-0.27	0.11	0.45	0.45	181.38	VES Gyro <8-3/4"> (103'-6603')
203.00	0.370	160.430	203.00	-824.00	0.96	-0.89	0.35	0.03	-0.02	2.63	
303.00	0.290	167.790	303.00	-724.00	1.53	-1.45	0.51	0.09	-0.08	7.36	
403.00	0.250	203.500	402.99	-624.01	1.93	-1.89	0.48	0.17	-0.04	35.71	
503.00	0.190	183.940	502.99	-524.01	2.23	-2.26	0.38	0.10	-0.06	-19.56	
603.00	0.110	123.790	602.99	-424.01	2.46	-2.48	0.45	0.17	-0.08	-60.15	
703.00	0.170	72.440	702.99	-324.01	2.55	-2.49	0.67	0.13	0.06	-51.35	
803.00	0.420	308.870	802.99	-224.01	2.24	-2.21	0.52	0.53	0.25	-123.57	
903.00	0.260	65.160	902.99	-124.01	1.91	-1.89	0.44	0.58	-0.16	116.29	
1003.00	0.230	335.060	1002.99	-24.01	1.70	-1.61	0.57	0.35	-0.03	-90.10	
1103.00	0.560	333.100	1102.99	75.99	1.01	-0.99	0.26	0.33	0.33	-1.96	
1203.00	0.480	341.880	1202.98	175.98	0.11	-0.16	-0.09	0.11	-0.08	8.78	
1303.00	0.480	335.870	1302.98	275.98	-0.73	0.62	-0.39	0.05	0.00	-6.01	
1403.00	0.550	321.210	1402.98	375.98	-1.61	1.38	-0.86	0.15	0.07	-14.66	
1503.00	0.590	316.690	1502.97	475.97	-2.55	2.13	-1.52	0.06	0.04	-4.52	
1603.00	0.450	328.670	1602.97	575.97	-3.42	2.84	-2.08	0.18	-0.14	11.98	
1703.00	0.410	336.240	1702.96	675.96	-4.16	3.50	-2.42	0.07	-0.04	7.57	
1803.00	0.520	315.560	1802.96	775.96	-4.94	4.15	-2.89	0.20	0.11	-20.68	
1903.00	0.590	306.670	1902.96	875.96	-5.81	4.79	-3.62	0.11	0.07	-8.89	
2003.00	0.670	307.560	2002.95	975.95	-6.76	5.45	-4.49	0.08	0.08	0.89	
2103.00	0.810	309.780	2102.94	1075.94	-7.89	6.26	-5.50	0.14	0.14	2.22	
2203.00	0.900	305.360	2202.93	1175.93	-9.18	7.16	-6.68	0.11	0.09	-4.42	
2303.00	0.890	309.880	2302.92	1275.92	-10.53	8.12	-7.92	0.07	-0.01	4.50	
2403.00	0.810	304.080	2402.91	1375.91	-11.81	9.01	-9.10	0.12	-0.08	-5.78	
2503.00	0.790	306.070	2502.90	1475.90	-12.99	9.81	-10.24	0.03	-0.02	1.99	
2603.00	0.780	301.500	2602.89	1575.89	-14.13	10.57	-11.38	0.06	-0.01	-4.57	
2703.00	0.850	298.830	2702.88	1675.88	-15.26	11.29	-12.61	0.08	0.07	-2.67	
2803.00	0.830	295.710	2802.87	1775.87	-16.38	11.96	-13.91	0.05	-0.02	-3.12	

Actual Wellpath Report

SHR-60 514460 ST01 AWP Proj: 21001'

BAKER HUGHES a GE company

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
2903.00	0.630	292.140	2902.86	1875.86	-17.31	12.48	-15.08	0.21	-0.20	-3.57	
3003.00	0.430	277.210	3002.86	1975.86	-17.88	12.73	-15.96	0.24	-0.20	-14.93	
3103.00	0.430	270.420	3102.85	2075.85	-18.21	12.78	-16.71	0.05	0.00	-6.79	
3203.00	0.380	261.340	3202.85	2175.85	-18.44	12.74	-17.41	0.08	-0.05	-9.08	
3303.00	0.380	260.720	3302.85	2275.85	-18.60	12.63	-18.06	0.00	0.00	-0.62	
3403.00	0.370	257.070	3402.85	2375.85	-18.73	12.51	-18.71	0.03	-0.01	-3.65	
3503.00	0.400	250.000	3502.84	2475.84	-18.79	12.32	-19.35	0.06	0.03	-7.07	
3603.00	0.420	249.520	3602.84	2575.84	-18.82	12.07	-20.02	0.02	0.02	-0.48	
3703.00	0.460	234.110	3702.84	2675.84	-18.74	11.71	-20.69	0.12	0.04	-15.41	
3803.00	0.470	222.660	3802.83	2775.83	-18.48	11.17	-21.29	0.09	0.01	-11.45	
3903.00	0.510	222.320	3902.83	2875.83	-18.12	10.54	-21.87	0.04	0.04	-0.34	
4003.00	0.520	226.690	4002.83	2975.83	-17.77	9.90	-22.50	0.04	0.01	4.37	
4103.00	0.550	220.560	4102.82	3075.82	-17.39	9.22	-23.14	0.06	0.03	-6.13	
4203.00	0.560	223.600	4202.82	3175.82	-16.98	8.50	-23.79	0.03	0.01	3.04	
4303.00	0.720	216.280	4302.81	3275.81	-16.45	7.64	-24.50	0.18	0.16	-7.32	
4403.00	0.940	208.580	4402.80	3375.80	-15.61	6.42	-25.26	0.25	0.22	-7.70	
4503.00	0.990	207.760	4502.79	3475.79	-14.55	4.93	-26.06	0.05	0.05	-0.82	
4603.00	0.980	206.320	4602.77	3575.77	-13.43	3.40	-26.84	0.03	-0.01	-1.44	
4703.00	0.990	206.790	4702.76	3675.76	-12.31	1.86	-27.61	0.01	0.01	0.47	
4803.00	0.930	201.990	4802.74	3775.74	-11.17	0.34	-28.30	0.10	-0.06	-4.80	
4903.00	0.940	202.640	4902.73	3875.73	-10.01	-1.17	-28.92	0.01	0.01	0.65	Gyro Tie In=4903' MD
4993.00	0.890	197.450	4992.72	3965.72	-8.95	-2.52	-29.41	0.11	-0.06	-5.77	KOP 1=4993' MD
5024.00	1.020	238.490	5023.71	3996.71	-8.73	-2.89	-29.72	2.20	0.42	132.39	
5055.00	2.780	288.520	5054.70	4027.70	-9.18	-2.80	-30.67	7.30	5.68	161.39	
5087.00	5.160	303.710	5086.62	4059.62	-10.88	-1.75	-32.60	8.07	7.44	47.47	
5118.00	7.150	305.350	5117.44	4090.44	-13.68	0.14	-35.34	6.44	6.42	5.29	
5150.00	8.950	306.710	5149.12	4122.12	-17.50	2.78	-38.96	5.66	5.62	4.25	
5181.00	11.070	310.390	5179.65	4152.65	-22.23	6.15	-43.16	7.14	6.84	11.87	
5213.00	13.200	316.890	5210.93	4183.93	-28.39	10.81	-48.00	7.90	6.66	20.31	
5245.00	15.550	323.550	5241.93	4214.93	-35.97	16.93	-53.04	8.97	7.34	20.81	

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5276.00	17.840	328.110	5271.63	4244.63	-44.69	24.30	-58.02	8.51	7.39	14.71	
5307.00	18.030	328.820	5301.12	4274.12	-54.12	32.44	-63.01	0.93	0.61	2.29	
5339.00	17.950	327.180	5331.55	4304.55	-63.87	40.82	-68.25	1.60	-0.25	-5.12	
5370.00	18.310	325.150	5361.02	4334.02	-73.33	48.83	-73.62	2.35	1.16	-6.55	
5401.00	18.210	323.330	5390.45	4363.45	-82.78	56.71	-79.30	1.87	-0.32	-5.87	
5433.00	18.340	322.810	5420.84	4393.84	-92.50	64.73	-85.32	0.65	0.41	-1.62	
5465.00	18.370	322.670	5451.21	4424.21	-102.25	72.75	-91.43	0.17	0.09	-0.44	
5496.00	18.340	323.840	5480.64	4453.64	-111.71	80.57	-97.27	1.19	-0.10	3.77	
5528.00	18.360	325.540	5511.01	4484.01	-121.54	88.79	-103.09	1.67	0.06	5.31	
5559.00	18.380	328.100	5540.48	4513.48	-131.14	96.97	-108.43	2.60	0.06	8.26	
5591.00	18.380	328.470	5570.80	4543.80	-141.10	105.55	-113.74	0.36	0.00	1.16	
5623.00	18.260	328.040	5601.18	4574.18	-151.03	114.11	-119.03	0.56	-0.37	-1.34	
5654.00	18.300	327.140	5630.61	4603.61	-160.61	122.31	-124.24	0.92	0.13	-2.90	
5686.00	18.250	326.160	5661.00	4634.00	-170.46	130.70	-129.76	0.97	-0.16	-3.06	
5718.00	18.380	324.970	5691.38	4664.38	-180.30	138.99	-135.44	1.24	0.41	-3.72	
5749.00	18.190	323.430	5720.81	4693.81	-189.77	146.88	-141.13	1.67	-0.61	-4.97	
5781.00	17.920	322.000	5751.24	4724.24	-199.36	154.77	-147.14	1.62	-0.84	-4.47	
5810.00	17.730	320.820	5778.84	4751.84	-207.89	161.71	-152.67	1.41	-0.66	-4.07	
5843.00	18.450	320.150	5810.21	4783.21	-217.69	169.61	-159.20	2.27	2.18	-2.03	
5875.00	18.110	319.230	5840.60	4813.60	-227.25	177.26	-165.69	1.39	-1.06	-2.87	KOP 2=5875' MD
5907.00	14.990	315.740	5871.27	4844.27	-235.82	184.00	-171.83	10.23	-9.75	-10.91	
5938.00	11.410	308.270	5901.45	4874.45	-242.23	188.77	-177.03	12.77	-11.55	-24.10	
5970.00	8.640	296.490	5932.96	4905.96	-246.81	191.80	-181.67	10.73	-8.66	-36.81	
6001.00	6.660	280.400	5963.68	4936.68	-249.54	193.17	-185.52	9.35	-6.39	-51.90	
6033.00	5.210	260.190	5995.52	4968.52	-250.87	193.25	-188.78	7.68	-4.53	-63.16	
6064.00	5.090	230.640	6026.40	4999.40	-250.79	192.14	-191.23	8.47	-0.39	-95.32	
6096.00	6.760	214.380	6058.23	5031.23	-249.35	189.69	-193.39	7.35	5.22	-50.81	
6127.00	9.020	205.820	6088.93	5061.93	-246.74	185.99	-195.48	8.20	7.29	-27.61	
6159.00	10.390	200.180	6120.47	5093.47	-242.95	181.03	-197.57	5.21	4.28	-17.62	
6190.00	10.920	188.070	6150.94	5123.94	-238.37	175.49	-198.95	7.41	1.71	-39.06	

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
6222.00	12.030	175.530	6182.31	5155.31	-232.59	169.17	-199.11	8.51	3.47	-39.19	
6251.00	14.240	169.090	6210.55	5183.55	-226.22	162.65	-198.20	9.13	7.62	-22.21	
6283.00	16.740	166.860	6241.38	5214.38	-217.82	154.30	-196.41	8.03	7.81	-6.97	
6314.00	20.300	165.410	6270.77	5243.77	-208.09	144.74	-194.04	11.58	11.48	-4.68	
6346.00	24.150	163.880	6300.39	5273.39	-196.08	133.08	-190.82	12.17	12.03	-4.78	
6378.00	28.110	162.720	6329.12	5302.12	-182.06	119.58	-186.76	12.48	12.37	-3.63	
6409.00	31.890	161.030	6355.96	5328.96	-166.61	104.86	-181.93	12.49	12.19	-5.45	
6441.00	36.050	159.860	6382.49	5355.49	-148.76	88.02	-175.94	13.16	13.00	-3.66	
6472.00	40.400	159.150	6406.84	5379.84	-129.60	70.06	-169.22	14.10	14.03	-2.29	
6503.00	44.780	158.330	6429.66	5402.66	-108.63	50.52	-161.61	14.24	14.13	-2.66	
6535.00	49.050	157.350	6451.51	5424.51	-85.26	28.88	-152.79	13.53	13.34	-3.06	
6567.00	53.040	157.080	6471.62	5444.62	-60.38	5.94	-143.15	12.49	12.47	-0.84	
6599.00	57.130	156.970	6489.94	5462.94	-34.15	-18.21	-132.91	12.78	12.78	-0.34	
6630.00	61.240	156.940	6505.81	5478.81	-7.53	-42.70	-122.49	13.26	13.26	-0.10	
6662.00	64.990	157.170	6520.28	5493.28	21.00	-68.98	-111.37	11.74	11.72	0.72	
6694.00	68.250	157.210	6532.98	5505.98	50.37	-96.06	-99.98	10.19	10.19	0.13	
6725.00	69.110	157.440	6544.25	5517.25	79.25	-122.70	-88.85	2.86	2.77	0.74	
6757.00	69.080	157.650	6555.67	5528.67	109.14	-150.33	-77.43	0.62	-0.09	0.66	
6789.00	71.030	157.890	6566.58	5539.58	139.22	-178.17	-66.05	6.13	6.09	0.75	
6821.00	73.720	158.210	6576.27	5549.27	169.71	-206.48	-54.65	8.46	8.41	1.00	
6852.00	77.180	158.480	6584.06	5557.06	199.71	-234.34	-43.58	11.19	11.16	0.87	
6884.00	81.290	159.070	6590.03	5563.03	231.13	-263.64	-32.21	12.97	12.84	1.84	
6915.00	85.160	159.090	6593.69	5566.69	261.90	-292.39	-21.22	12.48	12.48	0.06	
6947.00	89.320	159.100	6595.23	5568.23	293.84	-322.24	-9.81	13.00	13.00	0.03	LP=6947' MD / 6595.23' TVD
6978.00	90.150	158.540	6595.37	5568.37	324.83	-351.15	1.39	3.23	2.68	-1.81	
7041.00	89.820	157.120	6595.39	5568.39	387.83	-409.49	25.16	2.31	-0.52	-2.25	
7104.00	89.750	155.990	6595.63	5568.63	450.82	-467.28	50.22	1.80	-0.11	-1.79	
7167.00	89.630	155.380	6595.97	5568.97	513.79	-524.69	76.16	0.99	-0.19	-0.97	
7230.00	89.660	154.900	6596.36	5569.36	576.73	-581.86	102.65	0.76	0.05	-0.76	
7294.00	89.630	154.890	6596.75	5569.75	640.67	-639.81	129.80	0.05	-0.05	-0.02	

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
7348.00	89.660	155.820	6597.09	5570.09	694.63	-688.89	152.32	1.72	0.06	1.72	
7411.00	89.660	157.230	6597.46	5570.46	757.62	-746.67	177.41	2.24	0.00	2.24	
7474.00	89.660	157.770	6597.84	5570.84	820.62	-804.87	201.52	0.86	0.00	0.86	
7538.00	89.660	157.650	6598.22	5571.22	884.62	-864.09	225.80	0.19	0.00	-0.19	
7601.00	89.600	158.000	6598.62	5571.62	947.62	-922.48	249.58	0.56	-0.10	0.56	
7665.00	89.850	158.290	6598.93	5571.93	1011.61	-981.83	273.40	0.60	0.39	0.45	
7728.00	90.220	158.450	6598.89	5571.89	1074.60	-1040.39	296.62	0.64	0.59	0.25	
7790.00	90.030	159.360	6598.76	5571.76	1136.58	-1098.24	318.94	1.50	-0.31	1.47	
7853.00	90.280	161.100	6598.59	5571.59	1199.50	-1157.52	340.25	2.79	0.40	2.76	
7916.00	90.180	160.740	6598.33	5571.33	1262.39	-1217.06	360.84	0.59	-0.16	-0.57	
7979.00	90.250	159.290	6598.10	5571.10	1325.32	-1276.26	382.37	2.30	0.11	-2.30	
8042.00	90.460	158.190	6597.71	5570.71	1388.30	-1334.97	405.21	1.78	0.33	-1.75	
8106.00	90.310	156.420	6597.28	5570.28	1452.30	-1394.02	429.90	2.78	-0.23	-2.77	
8168.00	90.180	155.330	6597.01	5570.01	1514.28	-1450.60	455.25	1.77	-0.21	-1.76	
8231.00	90.090	155.360	6596.86	5569.86	1577.23	-1507.86	481.63	0.15	-0.14	0.05	
8294.00	90.220	155.890	6596.69	5569.69	1640.20	-1565.24	507.53	0.87	0.21	0.84	
8357.00	90.150	156.160	6596.49	5569.49	1703.18	-1622.80	533.13	0.44	-0.11	0.43	
8420.00	90.090	156.010	6596.36	5569.36	1766.16	-1680.39	558.66	0.26	-0.10	-0.24	
8483.00	90.280	155.650	6596.15	5569.15	1829.14	-1737.87	584.46	0.65	0.30	-0.57	
8546.00	90.250	155.070	6595.86	5568.86	1892.09	-1795.13	610.72	0.92	-0.05	-0.92	
8609.00	90.180	153.960	6595.62	5568.62	1955.01	-1852.00	637.83	1.77	-0.11	-1.76	
8672.00	90.220	153.480	6595.40	5568.40	2017.88	-1908.49	665.72	0.76	0.06	-0.76	
8735.00	90.280	152.330	6595.13	5568.13	2080.68	-1964.57	694.42	1.83	0.10	-1.83	
8799.00	90.120	152.940	6594.91	5567.91	2144.45	-2021.41	723.84	0.99	-0.25	0.95	
8862.00	90.060	153.940	6594.81	5567.81	2207.29	-2077.76	752.01	1.59	-0.10	1.59	
8925.00	90.060	155.190	6594.74	5567.74	2270.21	-2134.66	779.06	1.98	0.00	1.98	
8988.00	89.940	156.350	6594.74	5567.74	2333.18	-2192.10	804.92	1.85	-0.19	1.84	
9051.00	90.000	157.350	6594.77	5567.77	2396.18	-2250.03	829.68	1.59	0.10	1.59	
9114.00	90.090	157.890	6594.73	5567.73	2459.18	-2308.29	853.67	0.87	0.14	0.86	
9177.00	90.150	157.270	6594.59	5567.59	2522.18	-2366.52	877.70	0.99	0.10	-0.98	

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
9240.00	90.120	156.780	6594.44	5567.44	2585.18	-2424.53	902.29	0.78	-0.05	-0.78	
9304.00	90.090	156.580	6594.33	5567.33	2649.17	-2483.30	927.63	0.32	-0.05	-0.31	
9366.00	89.940	156.640	6594.31	5567.31	2711.16	-2540.20	952.24	0.26	-0.24	0.10	
9429.00	90.120	157.740	6594.28	5567.28	2774.16	-2598.27	976.66	1.77	0.29	1.75	
9492.00	90.090	158.460	6594.16	5567.16	2837.16	-2656.73	1000.18	1.14	-0.05	1.14	
9555.00	90.090	159.070	6594.06	5567.06	2900.14	-2715.45	1022.98	0.97	0.00	0.97	
9618.00	90.090	158.930	6593.96	5566.96	2963.12	-2774.26	1045.55	0.22	0.00	-0.22	
9681.00	90.120	158.040	6593.85	5566.85	3026.11	-2832.87	1068.66	1.41	0.05	-1.41	
9744.00	90.090	158.370	6593.73	5566.73	3089.10	-2891.37	1092.05	0.53	-0.05	0.52	
9807.00	90.030	158.960	6593.67	5566.67	3152.09	-2950.05	1114.97	0.94	-0.10	0.94	
9870.00	90.150	159.480	6593.57	5566.57	3215.06	-3008.95	1137.32	0.85	0.19	0.83	
9933.00	90.120	158.620	6593.42	5566.42	3278.03	-3067.79	1159.85	1.37	-0.05	-1.37	
9996.00	90.180	157.200	6593.26	5566.26	3341.03	-3126.16	1183.54	2.26	0.10	-2.25	
10059.00	90.090	155.530	6593.11	5566.11	3404.01	-3183.88	1208.80	2.65	-0.14	-2.65	
10122.00	90.060	154.750	6593.02	5566.02	3466.96	-3241.04	1235.28	1.24	-0.05	-1.24	
10185.00	89.970	156.060	6593.01	5566.01	3529.92	-3298.32	1261.50	2.08	-0.14	2.08	
10248.00	90.090	157.030	6592.98	5565.98	3592.91	-3356.11	1286.58	1.55	0.19	1.54	
10311.00	90.060	157.210	6592.89	5565.89	3655.91	-3414.16	1311.07	0.29	-0.05	0.29	
10375.00	90.030	158.560	6592.84	5565.84	3719.91	-3473.45	1335.16	2.11	-0.05	2.11	
10438.00	90.120	160.150	6592.76	5565.76	3782.87	-3532.40	1357.38	2.53	0.14	2.52	
10501.00	90.150	159.100	6592.61	5565.61	3845.82	-3591.46	1379.31	1.67	0.05	-1.67	
10564.00	90.520	155.990	6592.24	5565.24	3908.82	-3649.67	1403.37	4.97	0.59	-4.94	
10628.00	90.180	153.950	6591.85	5564.85	3972.75	-3707.66	1430.45	3.23	-0.53	-3.19	
10690.00	89.970	153.060	6591.77	5564.77	4034.60	-3763.15	1458.10	1.47	-0.34	-1.44	
10753.00	90.090	154.080	6591.74	5564.74	4097.46	-3819.56	1486.15	1.63	0.19	1.62	
10818.00	90.060	154.310	6591.65	5564.65	4162.35	-3878.08	1514.44	0.36	-0.05	0.35	
10879.00	90.090	155.730	6591.57	5564.57	4223.30	-3933.37	1540.20	2.33	0.05	2.33	
10941.00	90.000	157.160	6591.52	5564.52	4285.29	-3990.20	1564.98	2.31	-0.15	2.31	
11004.00	90.060	158.470	6591.49	5564.49	4348.28	-4048.54	1588.76	2.08	0.10	2.08	
11067.00	90.060	159.350	6591.48	5564.48	4411.26	-4107.32	1611.48	1.40	0.00	1.40	

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
11130.00	90.150	158.700	6591.31	5564.31	4474.24	-4166.14	1633.99	1.04	0.14	-1.03	
11194.00	90.280	159.470	6591.07	5564.07	4538.21	-4225.92	1656.83	1.22	0.20	1.20	
11257.00	90.520	158.150	6590.63	5563.63	4601.19	-4284.66	1679.60	2.13	0.38	-2.10	
11320.00	90.180	155.650	6590.25	5563.25	4664.18	-4342.61	1704.32	4.00	-0.54	-3.97	
11383.00	89.910	155.070	6590.20	5563.20	4727.14	-4399.87	1730.58	1.02	-0.43	-0.92	
11446.00	89.750	155.150	6590.38	5563.38	4790.09	-4457.02	1757.10	0.28	-0.25	0.13	
11509.00	89.850	155.760	6590.60	5563.60	4853.05	-4514.32	1783.27	0.98	0.16	0.97	
11573.00	89.850	155.990	6590.77	5563.77	4917.02	-4572.73	1809.43	0.36	0.00	0.36	
11635.00	89.850	156.080	6590.93	5563.93	4979.00	-4629.39	1834.61	0.15	0.00	0.15	
11698.00	89.720	157.500	6591.17	5564.17	5042.00	-4687.29	1859.44	2.26	-0.21	2.26	
11762.00	89.820	159.790	6591.43	5564.43	5105.98	-4746.89	1882.74	3.58	0.16	3.58	
11826.00	89.780	161.690	6591.65	5564.65	5169.87	-4807.30	1903.85	2.97	-0.06	2.97	
11889.00	89.600	160.990	6591.99	5564.99	5232.72	-4866.99	1924.01	1.15	-0.29	-1.11	
11952.00	89.720	158.980	6592.36	5565.36	5295.66	-4926.18	1945.57	3.20	0.19	-3.19	
12015.00	89.540	156.900	6592.77	5565.77	5358.65	-4984.56	1969.23	3.31	-0.29	-3.30	
12078.00	89.660	157.080	6593.21	5566.21	5421.65	-5042.55	1993.85	0.34	0.19	0.29	
12141.00	89.690	157.270	6593.57	5566.57	5484.64	-5100.62	2018.29	0.31	0.05	0.30	
12205.00	89.690	156.150	6593.91	5566.91	5548.64	-5159.40	2043.60	1.75	0.00	-1.75	
12269.00	89.780	154.780	6594.21	5567.21	5612.60	-5217.62	2070.17	2.15	0.14	-2.14	
12332.00	89.750	154.560	6594.47	5567.47	5675.52	-5274.58	2097.12	0.35	-0.05	-0.35	
12395.00	89.450	154.620	6594.91	5567.91	5738.44	-5331.47	2124.16	0.49	-0.48	0.10	
12458.00	89.420	155.080	6595.53	5568.53	5801.37	-5388.49	2150.93	0.73	-0.05	0.73	
12521.00	89.380	155.110	6596.19	5569.19	5864.32	-5445.63	2177.46	0.08	-0.06	0.05	
12585.00	89.480	156.120	6596.83	5569.83	5928.28	-5503.92	2203.88	1.59	0.16	1.58	
12649.00	89.510	157.990	6597.39	5570.39	5992.27	-5562.85	2228.83	2.92	0.05	2.92	
12713.00	89.540	158.660	6597.92	5570.92	6056.26	-5622.32	2252.47	1.05	0.05	1.05	
12776.00	89.570	157.000	6598.41	5571.41	6119.26	-5680.66	2276.24	2.64	0.05	-2.63	
12839.00	89.350	157.700	6599.00	5572.00	6182.25	-5738.80	2300.50	1.16	-0.35	1.11	
12902.00	89.510	159.520	6599.63	5572.63	6245.24	-5797.45	2323.47	2.90	0.25	2.89	
12966.00	89.510	159.160	6600.18	5573.18	6309.20	-5857.33	2346.05	0.56	0.00	-0.56	

05/10/2024

Actual Wellpath Report

SHR-60 514460 ST01 AWP Proj: 21001'

BAKER HUGHES a GE company

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
13029.00	89.600	157.560	6600.67	5573.67	6372.19	-5915.89	2369.28	2.54	0.14	-2.54	
13092.00	89.480	156.530	6601.17	5574.17	6435.18	-5973.90	2393.85	1.65	-0.19	-1.63	
13156.00	89.450	155.970	6601.77	5574.77	6499.16	-6032.47	2419.63	0.88	-0.05	-0.88	
13219.00	89.510	155.670	6602.34	5575.34	6562.14	-6089.94	2445.43	0.49	0.10	-0.48	
13282.00	89.540	155.670	6602.86	5575.86	6625.10	-6147.35	2471.39	0.05	0.05	0.00	
13346.00	89.510	153.470	6603.40	5576.40	6689.02	-6205.14	2498.87	3.44	-0.05	-3.44	
13408.00	89.350	152.300	6604.01	5577.01	6750.82	-6260.32	2527.12	1.90	-0.26	-1.89	
13472.00	89.420	154.570	6604.70	5577.70	6814.65	-6317.56	2555.74	3.55	0.11	3.55	
13535.00	89.420	156.300	6605.34	5578.34	6877.61	-6374.85	2581.93	2.75	0.00	2.75	
13598.00	89.420	157.050	6605.97	5578.97	6940.60	-6432.70	2606.87	1.19	0.00	1.19	
13662.00	89.510	157.040	6606.57	5579.57	7004.59	-6491.63	2631.83	0.14	0.14	-0.02	
13724.00	89.510	156.840	6607.10	5580.10	7066.59	-6548.67	2656.11	0.32	0.00	-0.32	
13788.00	89.720	157.480	6607.53	5580.53	7130.59	-6607.65	2680.96	1.05	0.33	1.00	
13851.00	89.660	158.150	6607.87	5580.87	7193.58	-6665.99	2704.74	1.07	-0.10	1.06	
13914.00	89.630	159.500	6608.26	5581.26	7256.56	-6724.73	2727.50	2.14	-0.05	2.14	
13978.00	89.690	161.020	6608.64	5581.64	7320.48	-6784.97	2749.12	2.38	0.09	2.38	
14041.00	89.850	160.200	6608.90	5581.90	7383.39	-6844.39	2770.03	1.33	0.25	-1.30	
14103.00	89.750	158.360	6609.11	5582.11	7445.35	-6902.38	2791.97	2.97	-0.16	-2.97	
14167.00	89.780	157.030	6609.38	5582.38	7509.35	-6961.59	2816.25	2.08	0.05	-2.08	
14230.00	89.650	156.260	6609.58	5582.58	7572.34	-7019.48	2841.23	1.23	-0.21	-1.22	
14293.00	89.750	155.700	6609.80	5582.80	7635.32	-7076.97	2866.87	0.90	-0.16	-0.89	
14357.00	89.720	155.550	6610.09	5583.09	7699.29	-7135.27	2893.29	0.24	-0.05	-0.23	
14421.00	89.750	155.760	6610.39	5583.39	7763.25	-7193.57	2919.67	0.33	0.05	0.33	
14484.00	89.820	155.630	6610.63	5583.63	7826.22	-7250.99	2945.60	0.23	0.11	-0.21	
14547.00	89.860	156.640	6610.79	5583.79	7889.21	-7308.60	2971.09	1.61	0.10	1.60	
14610.00	90.000	157.300	6610.86	5583.86	7952.20	-7366.58	2995.73	1.06	0.19	1.05	
14674.00	89.940	158.460	6610.89	5583.89	8016.20	-7425.87	3019.83	1.81	-0.09	1.81	
14738.00	89.970	158.860	6610.94	5583.94	8080.19	-7485.48	3043.12	0.63	0.05	0.63	
14801.00	90.220	158.680	6610.84	5583.84	8143.17	-7544.21	3065.94	0.49	0.40	-0.29	
14864.00	90.030	158.700	6610.70	5583.70	8206.15	-7602.90	3088.83	0.30	-0.30	0.03	

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
14927.00	89.940	158.150	6610.72	5583.72	8269.15	-7661.48	3112.00	0.88	-0.14	-0.87	
14991.00	89.970	158.370	6610.77	5583.77	8333.14	-7720.93	3135.70	0.35	0.05	0.34	
15054.00	90.000	158.260	6610.78	5583.78	8396.13	-7779.47	3158.98	0.18	0.05	-0.17	
15117.00	90.060	156.890	6610.75	5583.75	8459.13	-7837.71	3183.01	2.18	0.10	-2.17	
15180.00	90.090	156.150	6610.67	5583.67	8522.12	-7895.49	3208.11	1.18	0.05	-1.17	
15243.00	89.970	156.070	6610.63	5583.63	8585.10	-7953.09	3233.63	0.23	-0.19	-0.13	
15307.00	89.940	155.490	6610.69	5583.69	8649.08	-8011.46	3259.88	0.91	-0.05	-0.91	
15370.00	89.910	154.790	6610.77	5583.77	8712.03	-8068.62	3286.37	1.11	-0.05	-1.11	
15433.00	89.940	153.720	6610.85	5583.85	8774.93	-8125.37	3313.73	1.70	0.05	-1.70	
15497.00	89.940	153.470	6610.92	5583.92	8838.78	-8182.69	3342.19	0.39	0.00	-0.39	
15560.00	90.000	153.270	6610.95	5583.95	8901.62	-8239.01	3370.43	0.33	0.10	-0.32	
15623.00	90.030	154.420	6610.93	5583.93	8964.50	-8295.56	3398.20	1.83	0.05	1.83	
15686.00	89.970	155.770	6610.93	5583.93	9027.44	-8352.70	3424.73	2.14	-0.10	2.14	
15750.00	89.910	156.440	6611.00	5584.00	9091.42	-8411.21	3450.66	1.05	-0.09	1.05	
15813.00	89.910	157.090	6611.10	5584.10	9154.42	-8469.10	3475.51	1.03	0.00	1.03	
15876.00	89.660	158.030	6611.34	5584.34	9217.42	-8527.33	3499.56	1.54	-0.40	1.49	
15939.00	89.690	158.270	6611.69	5584.69	9280.41	-8585.80	3523.00	0.38	0.05	0.38	
16002.00	89.720	158.530	6612.02	5585.02	9343.40	-8644.38	3546.20	0.42	0.05	0.41	
16066.00	89.690	159.710	6612.35	5585.35	9407.37	-8704.17	3569.01	1.84	-0.05	1.84	
16129.00	89.750	160.180	6612.68	5585.68	9470.31	-8763.35	3590.61	0.75	0.10	0.75	
16192.00	89.690	159.710	6612.96	5585.96	9533.25	-8822.53	3612.21	0.75	-0.10	-0.75	
16255.00	89.690	159.230	6613.30	5586.30	9596.21	-8881.53	3634.31	0.76	0.00	-0.76	
16318.00	89.750	158.540	6613.61	5586.61	9659.19	-8940.30	3657.00	1.10	0.10	-1.10	
16381.00	89.630	157.370	6613.95	5586.95	9722.19	-8998.69	3680.65	1.87	-0.19	-1.86	
16445.00	89.820	157.010	6614.26	5587.26	9786.18	-9057.68	3705.46	0.64	0.30	-0.56	
16508.00	89.690	157.470	6614.53	5587.53	9849.18	-9115.78	3729.83	0.76	-0.21	0.73	
16572.00	89.780	156.210	6614.83	5587.83	9913.18	-9174.62	3755.00	1.97	0.14	-1.97	
16635.00	89.780	154.960	6615.07	5588.07	9976.14	-9231.98	3781.04	1.98	0.00	-1.98	
16698.00	89.690	154.840	6615.36	5588.36	10039.08	-9289.03	3807.76	0.24	-0.14	-0.19	
16761.00	89.750	155.180	6615.67	5588.67	10102.02	-9346.13	3834.38	0.55	0.10	0.54	

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
16824.00	89.750	154.820	6615.94	5588.94	10164.96	-9403.23	3861.00	0.57	0.00	-0.57	
16887.00	89.750	153.950	6616.22	5589.22	10227.87	-9460.04	3888.24	1.38	0.00	-1.38	
16951.00	89.660	152.700	6616.55	5589.55	10291.70	-9517.22	3916.97	1.96	-0.14	-1.95	
17015.00	89.600	151.260	6616.96	5589.96	10355.41	-9573.72	3947.03	2.25	-0.09	-2.25	
17078.00	89.720	150.040	6617.33	5590.33	10417.96	-9628.63	3977.91	1.95	0.19	-1.94	
17141.00	89.420	152.990	6617.81	5590.81	10480.62	-9684.00	4007.95	4.71	-0.48	4.68	
17204.00	89.780	157.310	6618.25	5591.25	10543.55	-9741.15	4034.42	6.88	0.57	6.86	
17267.00	89.660	157.710	6618.55	5591.55	10606.55	-9799.36	4058.52	0.66	-0.19	0.63	
17330.00	89.630	156.370	6618.94	5591.94	10669.54	-9857.36	4083.10	2.13	-0.05	-2.13	
17394.00	89.660	155.660	6619.34	5592.34	10733.52	-9915.83	4109.11	1.11	0.05	-1.11	
17458.00	89.570	156.150	6619.77	5592.77	10797.50	-9974.26	4135.24	0.78	-0.14	0.77	
17521.00	89.690	157.420	6620.18	5593.18	10860.49	-10032.15	4160.07	2.02	0.19	2.02	
17584.00	89.690	158.860	6620.52	5593.52	10923.48	-10090.62	4183.53	2.29	0.00	2.29	
17647.00	89.720	159.120	6620.84	5593.84	10986.46	-10149.43	4206.11	0.42	0.05	0.41	
17711.00	89.720	158.870	6621.16	5594.16	11050.44	-10209.18	4229.06	0.39	0.00	-0.39	
17775.00	89.630	159.690	6621.52	5594.52	11114.40	-10269.04	4251.70	1.29	-0.14	1.28	
17838.00	89.690	161.580	6621.89	5594.89	11177.30	-10328.47	4272.59	3.00	0.10	3.00	
17901.00	89.690	159.590	6622.23	5595.23	11240.20	-10387.88	4293.53	3.16	0.00	-3.16	
17965.00	89.750	156.610	6622.55	5595.55	11304.19	-10447.26	4317.40	4.66	0.09	-4.66	
18029.00	89.630	155.360	6622.89	5595.89	11368.17	-10505.72	4343.44	1.96	-0.19	-1.95	
18092.00	89.690	154.680	6623.27	5596.27	11431.11	-10562.82	4370.05	1.08	0.10	-1.08	
18155.00	89.750	154.610	6623.57	5596.57	11494.03	-10619.75	4397.02	0.15	0.10	-0.11	
18219.00	89.720	158.670	6623.87	5596.87	11558.01	-10678.49	4422.39	6.34	-0.05	6.34	
18282.00	89.780	164.090	6624.15	5597.15	11620.84	-10738.17	4442.50	8.60	0.10	8.60	
18345.00	89.820	166.090	6624.37	5597.37	11683.28	-10799.05	4458.71	3.18	0.06	3.17	
18409.00	90.180	170.670	6624.37	5597.37	11746.10	-10861.72	4471.60	7.18	0.56	7.16	
18440.00	90.460	173.150	6624.19	5597.19	11776.11	-10892.41	4475.96	8.05	0.90	8.00	
18472.00	90.740	171.610	6623.86	5596.86	11807.03	-10924.12	4480.20	4.89	0.88	-4.81	
18504.00	89.880	168.170	6623.68	5596.68	11838.28	-10955.62	4485.82	11.08	-2.69	-10.75	
18536.00	89.660	164.180	6623.81	5596.81	11869.90	-10986.69	4493.48	12.49	-0.69	-12.47	

05/10/2024

Actual Wellpath Report

SHR-60 514460 ST01 AWP Proj: 21001'

BAKER HUGHES a GE company

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
18567.00	90.180	159.870	6623.86	5596.86	11900.79	-11016.17	4503.03	14.00	1.68	-13.90	
18598.00	90.580	156.280	6623.65	5596.65	11931.78	-11044.92	4514.60	11.65	1.29	-11.58	
18661.00	90.460	153.420	6623.08	5596.08	11994.71	-11101.94	4541.37	4.54	-0.19	-4.54	
18725.00	90.430	153.820	6622.58	5595.58	12058.57	-11159.27	4569.81	0.63	-0.05	0.63	
18788.00	90.220	153.010	6622.22	5595.22	12121.41	-11215.61	4598.00	1.33	-0.33	-1.29	
18851.00	90.490	153.210	6621.83	5594.83	12184.23	-11271.80	4626.49	0.53	0.43	0.32	
18915.00	90.370	152.350	6621.35	5594.35	12248.01	-11328.71	4655.77	1.36	-0.19	-1.34	
18978.00	90.000	152.520	6621.15	5594.15	12310.77	-11384.55	4684.92	0.65	-0.59	0.27	
19042.00	89.570	153.460	6621.39	5594.39	12374.57	-11441.57	4713.99	1.62	-0.67	1.47	
19105.00	89.570	154.170	6621.86	5594.86	12437.44	-11498.11	4741.78	1.13	0.00	1.13	
19169.00	90.060	153.510	6622.07	5595.07	12501.32	-11555.55	4770.00	1.28	0.77	-1.03	
19232.00	90.150	153.560	6621.95	5594.95	12564.17	-11611.95	4798.08	0.16	0.14	0.08	
19296.00	90.060	153.620	6621.84	5594.84	12628.02	-11669.27	4826.54	0.17	-0.14	0.09	
19359.00	90.090	153.640	6621.75	5594.75	12690.88	-11725.71	4854.53	0.06	0.05	0.03	
19423.00	90.120	154.200	6621.64	5594.64	12754.76	-11783.19	4882.66	0.88	0.05	0.87	
19486.00	89.880	154.930	6621.64	5594.64	12817.68	-11840.09	4909.72	1.22	-0.38	1.16	
19550.00	89.600	155.840	6621.93	5594.93	12881.64	-11898.27	4936.38	1.49	-0.44	1.42	
19613.00	89.570	156.880	6622.38	5595.38	12944.63	-11955.98	4961.64	1.65	-0.05	1.65	
19675.00	89.480	156.620	6622.90	5595.90	13006.62	-12012.94	4986.11	0.44	-0.15	-0.42	
19738.00	89.630	156.610	6623.38	5596.38	13069.61	-12070.77	5011.11	0.24	0.24	-0.02	
19802.00	89.630	156.780	6623.80	5596.80	13133.60	-12129.55	5036.43	0.27	0.00	0.27	
19866.00	89.630	157.500	6624.21	5597.21	13197.60	-12188.52	5061.30	1.12	0.00	1.12	
19929.00	89.720	158.380	6624.57	5597.57	13260.60	-12246.90	5084.96	1.40	0.14	1.40	
19992.00	89.720	159.210	6624.88	5597.88	13323.58	-12305.64	5107.74	1.32	0.00	1.32	
20056.00	89.600	159.760	6625.26	5598.26	13387.54	-12365.58	5130.17	0.88	-0.19	0.86	
20119.00	89.510	159.500	6625.75	5598.75	13450.49	-12424.63	5152.10	0.44	-0.14	-0.41	
20182.00	89.510	159.070	6626.29	5599.29	13513.45	-12483.56	5174.38	0.68	0.00	-0.68	
20246.00	89.720	158.450	6626.72	5599.72	13577.44	-12543.21	5197.57	1.02	0.33	-0.97	
20309.00	89.570	158.170	6627.11	5600.11	13640.43	-12601.75	5220.85	0.50	-0.24	-0.44	
20373.00	89.540	158.000	6627.60	5600.60	13704.42	-12661.12	5244.74	0.27	-0.05	-0.27	

05/10/2024

Actual Wellpath Report

SHR-60 514460 ST01 AWP Proj: 21001'

BAKER HUGHES a GE company

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH DATA (341 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	TVDSS [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
20436.00	89.600	157.970	6628.08	5601.08	13767.42	-12719.53	5268.35	0.11	0.10	-0.05	
20500.00	89.630	157.510	6628.51	5601.51	13831.41	-12778.76	5292.60	0.72	0.05	-0.72	
20564.00	89.450	157.080	6629.02	5602.02	13895.41	-12837.79	5317.30	0.73	-0.28	-0.67	
20627.00	89.600	157.010	6629.54	5602.54	13958.41	-12895.80	5341.87	0.26	0.24	-0.11	
20690.00	89.510	156.560	6630.03	5603.03	14021.40	-12953.70	5366.70	0.73	-0.14	-0.71	
20754.00	89.510	156.090	6630.58	5603.58	14085.39	-13012.31	5392.40	0.73	0.00	-0.73	
20818.00	89.510	156.120	6631.13	5604.13	14149.37	-13070.82	5418.32	0.05	0.00	0.05	
20881.00	89.540	155.940	6631.65	5604.65	14212.35	-13128.39	5443.92	0.29	0.05	-0.29	
20945.00	89.570	156.200	6632.15	5605.15	14276.32	-13186.89	5469.87	0.41	0.05	0.41	
20971.00	89.660	156.600	6632.32	5605.32	14302.32	-13210.71	5480.26	1.58	0.35	1.54	Final Survey=20971' MD / 6632.32' TVD
21001.00	89.660	156.600	6632.50	5605.50	14332.32	-13238.24	5492.20	0.00	0.00	0.00	Projection to TD=21001' MD / 6632.50' TVD, Deepest Point of Well=21001' MD / 6632.50' TVD

HOLE & CASING SECTIONS - Ref Wellbore: SHR-60 514460 ST01 AWB Ref Wellpath: SHR-60 514460 ST01 AWP Proj: 21001'

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
26in Conductor	16.00	63.00	47.00	16.00	63.00	0.00	0.00	-0.08	0.03
17.5in Open Hole	63.00	1000.00	937.00	63.00	999.99	-0.08	0.03	-1.62	0.57
13.375in Casing Surface	16.00	1000.00	984.00	16.00	999.99	0.00	0.00	-1.62	0.57
12.25in Open Hole	1000.00	2781.00	1781.00	999.99	2780.87	-1.62	0.57	11.82	-13.63
9.625in Casing Intermediate	16.00	2781.00	2765.00	16.00	2780.87	0.00	0.00	11.82	-13.63
8.75in Open Hole	2781.00	4903.00	2122.00	2780.87	4902.73	11.82	-13.63	-1.17	-28.92
8.5in Open Hole	4903.00	21001.00	16098.00	4902.73	6632.50	-1.17	-28.92	-13238.24	5492.20
5.5in Casing Production	16.00	21001.00	20985.00	16.00	6632.50	0.00	0.00	-13238.24	5492.20

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SHR-60 514460 LP Rev-2	6587.96	-342.08	0.31	1629438.93	328240.16	39°23'37.638"N	80°48'40.397"W	point
SHR-60 514460 BHL Rev-2	6605.43	-13231.40	5495.22	1634933.55	315351.52	39°21'31.046"N	80°47'28.054"W	point
SHR-60 HL1 Rev-1	7000.00	0.00	0.00	1629438.62	328582.21	39°23'41.019"N	80°48'40.465"W	polygon
SHR-60 HL2 Rev-1	7000.00	0.00	0.00	1629438.62	328582.21	39°23'41.019"N	80°48'40.465"W	polygon
SHR-60 HL3 Rev-1	7000.00	0.00	0.00	1629438.62	328582.21	39°23'41.019"N	80°48'40.465"W	polygon

WELLPATH COMPOSITION - Ref Wellbore: SHR-60 514460 ST01 AWB Ref Wellpath: SHR-60 514460 ST01 AWP Proj: 21001'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	4903.00	VESSI GyroFlex v4	01_VES Gyro <8-3/4"> (103'-6603')	SHR-60 514460 AWB
4903.00	20971.00	BHI AutoTrak Curve (Short)	02_BHI AT Curve <8-1/2"> (4903')(4993'-20971')	SHR-60 514460 ST01 AWB
20971.00	21001.00	Blind Drilling (std)	Projection to bit	SHR-60 514460 ST01 AWB

05/10/2024

REFERENCE WELLPATH IDENTIFICATION			
Operator	EQT	Slot	Slot 514460
Area	Tyler County, WV	Well	SHR-60 514460 ST01
Field	Tyler	Wellbore	SHR-60 514460 ST01 AWB
Facility	SHR-60 Pad	Sidetrack from	SHR-60 514460 AWP Proj: 6657' at 4903.00 MD

WELLPATH COMMENTS

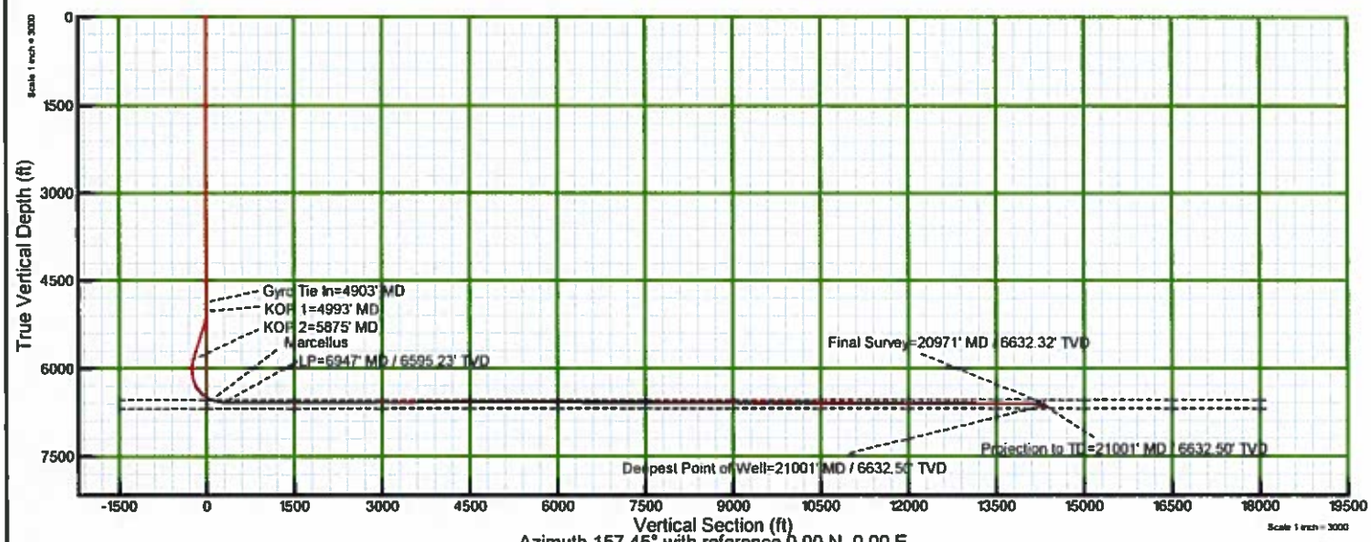
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
103.00	0.390	157.800	103.00	VES Gyro <8-3/4"> (103'-6603')
4903.00	0.940	202.640	4902.73	Gyro Tie In=4903' MD
4993.00	0.890	197.450	4992.72	KOP 1=4993' MD
5875.00	18.110	319.230	5840.60	KOP 2=5875' MD
6947.00	89.320	159.100	6595.23	LP=6947' MD / 6595.23' TVD
20971.00	89.660	156.600	6632.32	Final Survey=20971' MD / 6632.32' TVD
21001.00	89.660	156.600	6632.50	Projection to TD=21001' MD / 6632.50' TVD, Deepest Point of Well=21001' MD / 6632.50' TVD

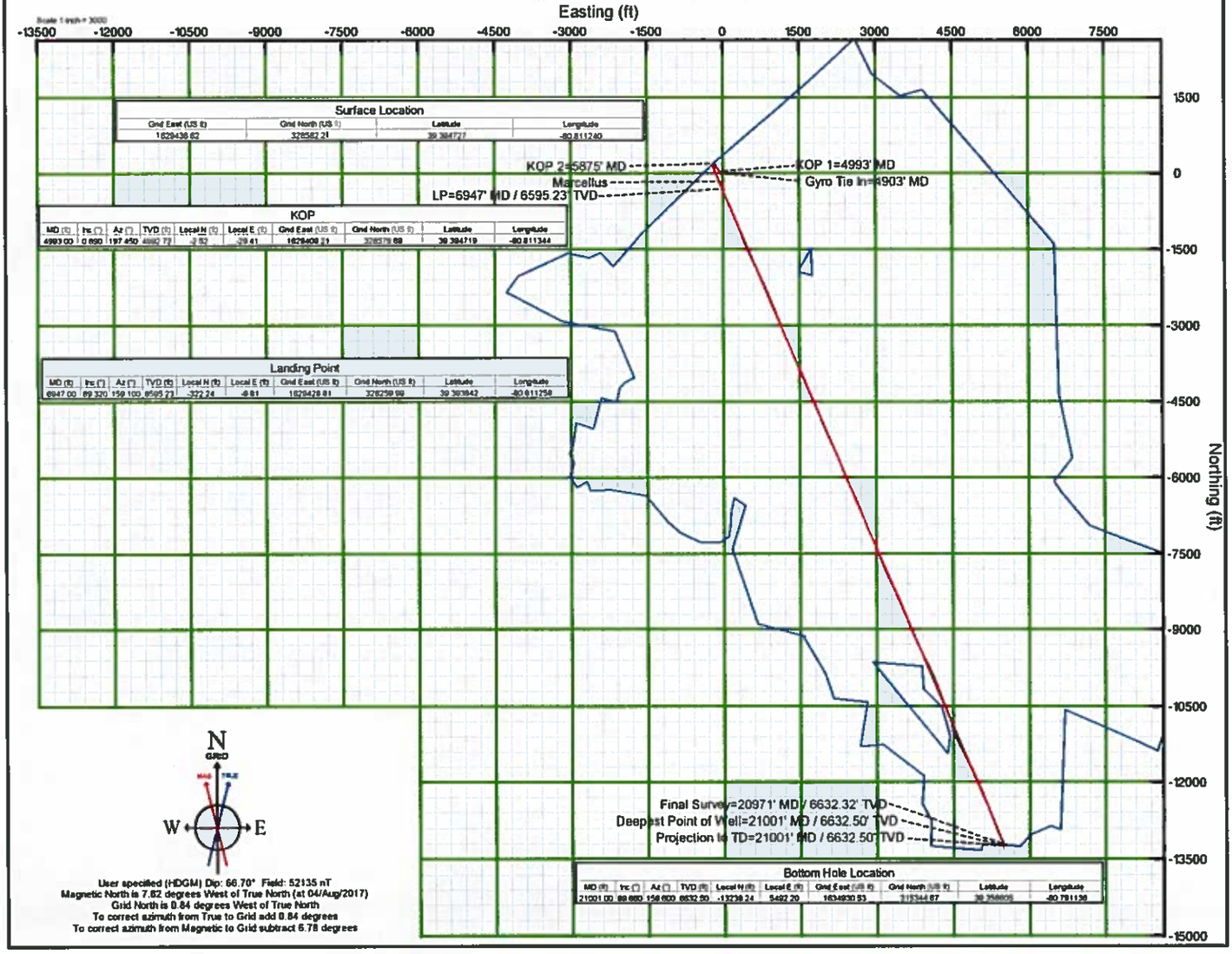
05/10/2024

EQT Production - Marcellus

Project: Tyler County, WV
Site: SHR-60
Well: SHR-60 514461
Wellbore: ST01
Design: As-Drilled Surveys

KB Elevation=1027 FT
Ground Elevation=1011 FT
All measurements were taken from KB Elevation





Surface Location

Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
1629436.62	328582.21	39.394727	-80.811240

KOP

MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
4993.00	0.990	197.450	4992.73	-7.52	-29.41	1629408.31	328579.99	39.394719	-80.811344

Landing Point

MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
6947.00	89.320	159.100	6595.23	-372.24	-9.81	1629428.81	328259.99	39.393842	-80.811258

Bottom Hole Location

MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
21001.00	89.680	158.600	6632.50	-13238.24	5482.20	1634930.53	315344.87	39.358605	-80.791136

User specified (HDGM) Dip: 66.70° Field: 52135 nT
Magnetic North is 7.62 degrees West of True North (at 04/Aug/2017)
Grid North is 0.84 degrees West of True North
To correct azimuth from True to Grid add 0.84 degrees
To correct azimuth from Magnetic to Grid subtract 6.78 degrees

05/10/2024

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Wellbore Information –

NOTABLE PRESSURE/ DEPTH	MASP (psig):	9,500	CASING BURST (psi)	12,640	MAX TVD (ft KB)	6,633	PBTD Depth (ft)	20,959
	KOP (ft)	5,087	Treated Interval (BP - TP + CS) (ft.)	9,950	KB (ft.)	16	TOC (ft)	10,500

CURRENT WELL STATUS			
13 3/8", 54.5 lb/ft. J-55 Casing	Set at 997'	Feet from Kelly Bushing	Drilling pumped surface cement job on 8/02/15.
9 5/8", 40 lb/ft. A-500 Casing	Set at 2,779'	Feet from Kelly Bushing	Drilling pumped intermediate cement job on 8/04/15.
5 1/2", 20 lb/ft. P-110 Casing	Set at 20,984'	Feet from Kelly Bushing	Pump cement as follows: Test lines to 6,000 psi. Pump 50 bbls of Ultrabond @ 13.5 ppg. Pump 102bbls Multibond @ 13.5ppg. Pump lead cement, 79 bbls (357 sacks) of Class H @ 15.2 ppg 1.25 yield 5.71 gal/sk, followed by tail cement, 726 bbls (1746 sacks) of Class H @ 15.6 ppg 2.06 yield 8.39 gal/sk Shut down. Wash lines to rig floor. Spot dyed sugar water to half round & drop double plug. Displace with 474 bbls fresh water Final pressure 1890psi bump plug held 2512psi for 30 minutes. Released pressure. 4.5bbl flowback Plug down @ 0900 hrs. No cement or spacer returned to surface

05/10/2024

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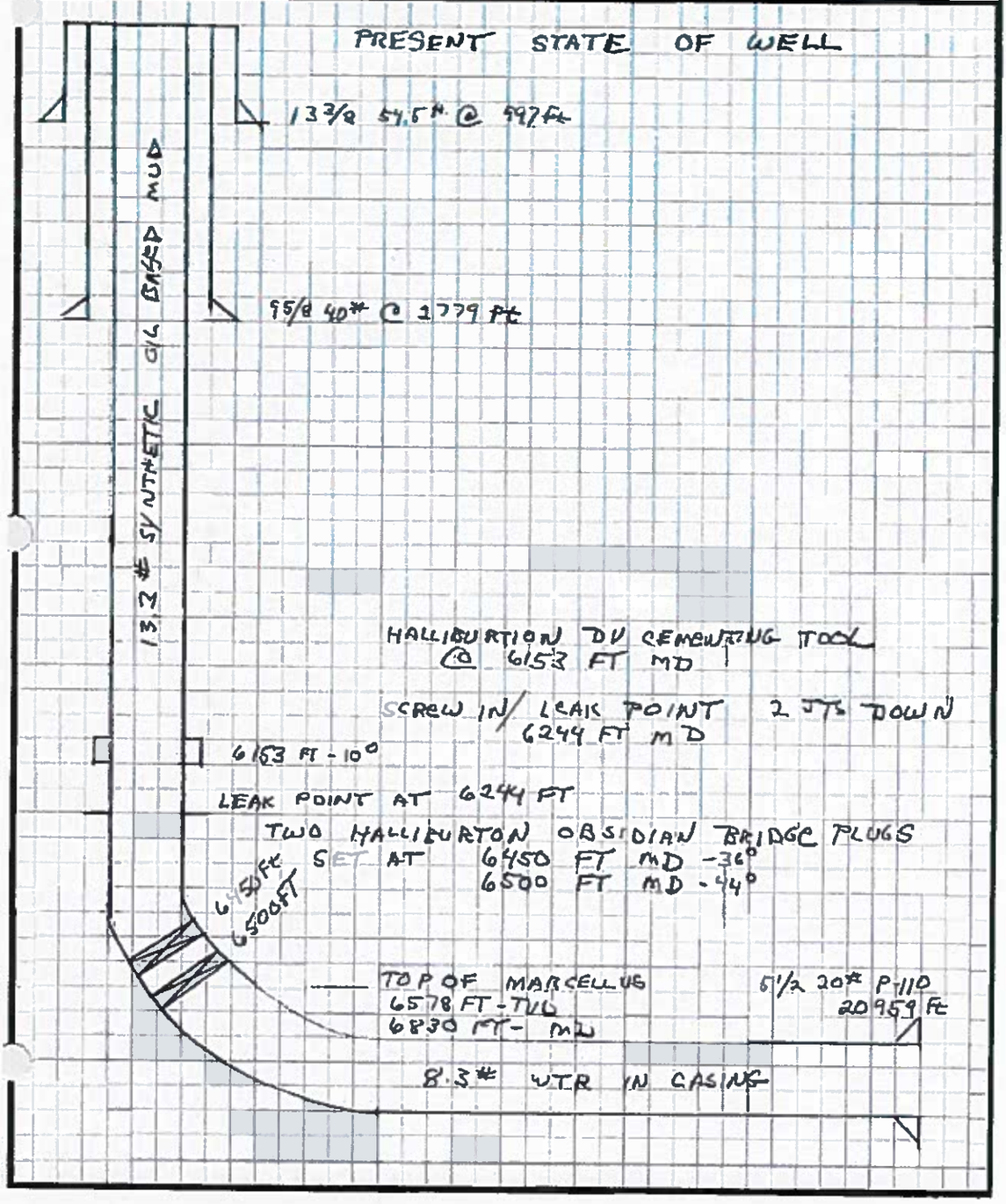
Present Condition of Well

EQT	Document Type	Engineering Work Sheet	
	Subject 514460 SHR 60	Prepared By	Date



05/10/2024

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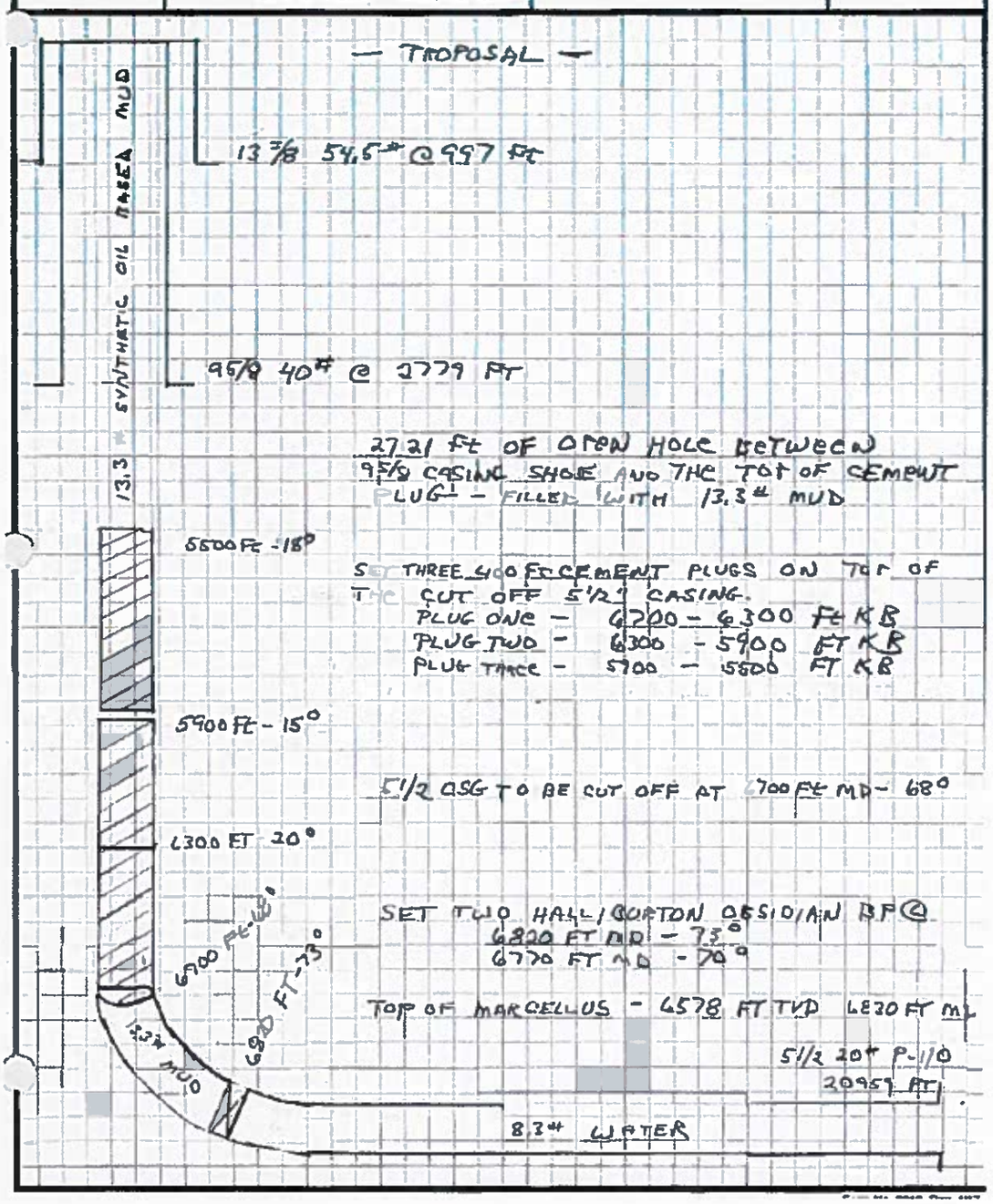
Proposed Plan

EQT	Document Type	Engineering Work Sheet	
	Subject 514460 SHR 60	Prepared By	Date



05/10/2024

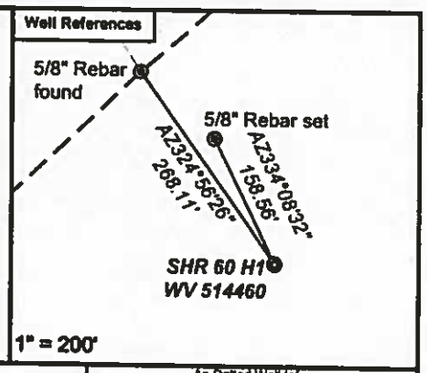
MD (ftUS)	Incl (°)	Azm (°)	TVD (ftUS)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
4,403	0.94	208.58	4,403	6.4	(25.3)	(15.6)	0.3
4,503	0.99	207.76	4,503	4.9	(26.1)	(14.5)	0.1
4,603	0.98	206.32	4,603	3.4	(26.8)	(13.4)	0.0
4,703	0.99	206.79	4,703	1.9	(27.6)	(12.3)	0.0
4,803	0.93	201.99	4,803	0.3	(28.3)	(11.2)	0.1
4,903	0.94	202.64	4,903	(1.2)	(28.9)	(10.0)	0.0
4,993	0.89	197.45	4,993	(2.5)	(29.4)	(9.0)	0.1
5,024	1.02	238.49	5,024	(2.9)	(29.7)	(8.7)	2.2
5,055	2.78	288.52	5,055	(2.8)	(30.7)	(9.2)	7.3
5,087	5.16	303.71	5,087	(1.8)	(32.6)	(10.9)	8.1
5,118	7.15	305.35	5,117	0.1	(35.3)	(13.7)	6.4
5,150	8.95	306.71	5,149	2.8	(39.0)	(17.5)	5.7
5,181	11.07	310.39	5,180	6.2	(43.2)	(22.2)	7.1
5,213	13.20	316.89	5,211	10.8	(48.0)	(28.4)	7.9
5,245	15.55	323.55	5,242	16.9	(53.0)	(36.0)	9.0
5,276	17.84	328.11	5,272	24.3	(58.0)	(44.7)	8.5
5,307	18.03	328.82	5,301	32.4	(63.0)	(54.1)	0.9
5,339	17.95	327.18	5,332	40.8	(68.3)	(63.9)	1.6
5,370	18.31	325.15	5,361	48.8	(73.6)	(73.3)	2.4
5,401	18.21	323.33	5,390	56.7	(79.3)	(82.8)	1.9
5,433	18.34	322.81	5,421	64.7	(85.3)	(92.5)	0.7
5,465	18.37	322.67	5,451	72.8	(91.4)	(102.2)	0.2
5,496	18.34	323.84	5,481	80.6	(97.3)	(111.7)	1.2
5,528	18.36	325.54	5,511	88.8	(103.1)	(121.5)	1.7
5,559	18.38	328.10	5,540	97.0	(108.4)	(131.1)	2.6
5,591	18.38	328.47	5,571	105.6	(113.7)	(141.1)	0.4
5,623	18.26	328.04	5,601	114.1	(119.0)	(151.0)	0.6
5,654	18.30	327.14	5,631	122.3	(124.2)	(160.6)	0.9
5,686	18.25	326.16	5,661	130.7	(129.8)	(170.4)	1.0
5,718	18.38	324.97	5,691	139.0	(135.4)	(180.3)	1.2
5,749	18.19	323.43	5,721	146.9	(141.1)	(189.8)	1.7
5,781	17.92	322.00	5,751	154.8	(147.1)	(199.3)	1.6
5,810	17.73	320.82	5,779	161.7	(152.7)	(207.9)	1.4
5,843	18.45	320.15	5,810	169.6	(159.2)	(217.7)	2.3
5,875	18.11	319.23	5,841	177.3	(165.7)	(227.2)	1.4
5,907	14.99	315.74	5,871	184.0	(171.8)	(235.8)	10.2
5,938	11.41	308.27	5,901	188.8	(177.0)	(242.2)	12.8
5,970	8.64	296.49	5,933	191.8	(181.7)	(246.8)	10.7
6,001	6.66	280.40	5,964	193.2	(185.5)	(249.5)	9.4
6,033	5.21	260.19	5,996	193.3	(188.8)	(250.8)	7.9
6,064	5.09	230.64	6,026	192.1	(191.2)	(250.8)	8.5
6,096	6.76	214.38	6,058	189.7	(193.4)	(249.3)	7.4
6,127	9.02	205.82	6,089	186.0	(195.5)	(246.7)	8.2
6,159	10.39	200.18	6,120	181.0	(197.6)	(242.9)	5.2
6,190	10.92	188.07	6,151	175.5	(199.0)	(238.3)	7.4

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
6,222	12.03	175.53	6,182	169.2	(199.1)	(232.6)	8.5
6,251	14.24	169.09	6,211	162.7	(198.2)	(226.2)	9.1
6,283	16.74	166.86	6,241	154.3	(196.4)	(217.8)	8.0
6,314	20.30	165.41	6,271	144.7	(194.0)	(208.1)	11.6
6,346	24.15	163.88	6,300	133.1	(190.8)	(196.0)	12.2
6,378	28.11	162.72	6,329	119.6	(186.8)	(182.0)	12.5
6,409	31.89	161.03	6,356	104.9	(181.9)	(166.6)	12.5
6,441	36.05	159.86	6,382	88.0	(175.9)	(148.7)	13.2
6,472	40.40	159.15	6,407	70.1	(169.2)	(129.6)	14.1
6,503	44.78	158.33	6,430	50.5	(161.6)	(108.6)	14.2
6,535	49.05	157.35	6,452	28.9	(152.8)	(85.2)	13.5
6,567	53.04	157.08	6,472	5.9	(143.2)	(60.3)	12.5
6,599	57.13	156.97	6,490	(18.2)	(132.9)	(34.1)	12.8
6,630	61.24	156.94	6,506	(42.7)	(122.5)	(7.5)	13.3
6,662	64.99	157.17	6,520	(69.0)	(111.4)	21.0	11.7
6,694	68.25	157.21	6,533	(96.1)	(100.0)	50.4	10.2
6,725	69.11	157.44	6,544	(122.7)	(88.9)	79.3	2.9
6,757	69.08	157.65	6,556	(150.3)	(77.4)	109.2	0.6
6,789	71.03	157.89	6,567	(178.2)	(66.1)	139.3	6.1
6,821	73.72	158.21	6,576	(206.5)	(54.7)	169.8	8.5
6,852	77.18	158.48	6,584	(234.3)	(43.6)	199.8	11.2
6,884	81.29	159.07	6,590	(263.6)	(32.2)	231.2	13.0
6,915	85.16	159.09	6,594	(292.4)	(21.2)	261.9	12.5
6,947	89.32	159.10	6,595	(322.2)	(9.8)	293.9	13.0
6,978	90.15	158.54	6,595	(351.2)	1.4	324.9	3.2
7,041	89.82	157.12	6,595	(409.5)	25.2	387.9	2.3
7,104	89.75	155.99	6,596	(467.3)	50.2	450.9	1.8
7,167	89.63	155.38	6,596	(524.7)	76.2	513.8	1.0
7,230	89.66	154.90	6,596	(581.9)	102.7	576.8	0.8
7,294	89.63	154.89	6,597	(639.8)	129.8	640.7	0.1
7,348	89.66	155.82	6,597	(688.9)	152.3	694.7	1.7
7,411	89.66	157.23	6,597	(746.7)	177.4	757.7	2.2
7,474	89.66	157.77	6,598	(804.9)	201.5	820.7	0.9
7,538	89.66	157.65	6,598	(864.1)	225.8	884.7	0.2
7,601	89.60	158.00	6,599	(922.4)	249.6	947.7	0.6
7,665	89.85	158.29	6,599	(981.8)	273.4	1,011.7	0.6
7,728	90.22	158.45	6,599	(1,040.4)	296.6	1,074.6	0.6
7,790	90.03	159.36	6,599	(1,098.2)	318.9	1,136.6	1.5
7,853	90.28	161.10	6,599	(1,157.5)	340.3	1,199.5	2.8
7,916	90.18	160.74	6,598	(1,217.1)	360.8	1,262.4	0.6
7,979	90.25	159.29	6,598	(1,276.3)	382.4	1,325.4	2.3
8,042	90.46	158.19	6,598	(1,335.0)	405.2	1,388.4	1.8
8,106	90.31	156.42	6,597	(1,394.0)	429.9	1,452.3	2.8
8,168	90.18	155.33	6,597	(1,450.6)	455.3	1,514.3	1.8
8,231	90.09	155.36	6,597	(1,507.9)	481.5	1,577.3	0.2

WV 514460
EQT Production Company
SHR 60

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	18	12	Tyler	McElroy	Hanna A. Underwood Estate	35.00
2	18	13	Tyler	McElroy	Blaine Underwood Estate, et al.	104.75
3	18	9	Tyler	McElroy	Lawrence Rayburn, et al.	100.00
4	18	7.1	Tyler	McElroy	Patricia A. Keys, et al.	102.31
5	18	10	Tyler	McElroy	Susan Spencer	2.92
6	18	11	Tyler	McElroy	Susan Spencer	132.00
7	18	15	Tyler	McElroy	Susan Spencer	8.00
8	18	16	Tyler	McElroy	Donald E. Bible Sr.	35.50
9	18	23	Tyler	McElroy	Clyde Seckman Estate	111.75
10	18	17	Tyler	McElroy	Allen Dale Farnash, et al.	43.00
11	18	22	Tyler	McElroy	Donald E. Bible Sr.	39.26
12	18	14	Tyler	McElroy	Terry J. Cumberledge, et al.	54.81
13	18	18	Tyler	McElroy	Terry J. Cumberledge, et al.	49.87
14	18	19	Tyler	McElroy	John Paul Davis	35.00
15	18	20.2	Tyler	McElroy	Richard E. Hansen	19.96
16	18	20	Tyler	McElroy	Clarence G. Dillon, et al	113.42
17	18	20.6	Tyler	McElroy	Clarence G. Dillon Jr.	0.71
18	18	20.5	Tyler	McElroy	Clarence G. Dillon Jr.	2.94
19	18	20	Tyler	McElroy	Clarence G. Dillon, et al	113.42
20	18	20.4	Tyler	McElroy	John A. Dillon	2.04
21	18	20.3	Tyler	McElroy	Peter H. Mueller	4.69
22	18	20.1	Tyler	McElroy	William R. Doll Jr, et al.	3.08
23	21	44	Tyler	McElroy	William R. Doll Jr, et al.	2.43
24	21	45	Tyler	McElroy	Clarence G. Dillon, et al	2.43
25	21	15	Tyler	McElroy	Paul Weekley	36.00
26	21	14	Tyler	McElroy	Donnie N. & Kim M. Wilmoth	73.39
27	21	14	Tyler	McElroy	Donnie N. & Kim M. Wilmoth	73.39
28	18	21	Tyler	McElroy	Barbara Willer	5.90
29	22	20	Tyler	McElroy	James B. Scott	30.00
30	21	18	Tyler	McElroy	Richard E. & Barbara A. Mullins	20.00
31	21	16	Tyler	McElroy	Paul Weekley	36.00
32	21	14	Tyler	McElroy	Donnie N. & Kim M. Wilmoth	73.39
33	21	19	Tyler	McElroy	Richard E. & Barbara A. Mullins	20.00
34	21	17	Tyler	McElroy	Paul Weekley	32.95
35	21	27	Tyler	McElroy	Donnie N. & Kim M. Wilmoth	7.50
36	21	21	Tyler	McElroy	James B. Scott	30.00
37	22	19	Tyler	McElroy	Berdina Rose, et al.	55.00
38	21	21	Tyler	McElroy	James B. Scott	30.00
39	22	18	Tyler	McElroy	Bruce W. Boland	86.75
40	21	33	Tyler	McElroy	Bruce W. Boland	52.46
41	21	23	Tyler	McElroy	Peggy A. White	45.88
42	22	18.1	Tyler	McElroy	Bruce W. Boland	18.91
43	22	17	Tyler	McElroy	David R. & Elizabeth A. Beveridge	12.00
44	22	16	Tyler	McElroy	Leah Weekley	29.00
45	2	18	Doddridge	West Union	David R. & Elizabeth A. Beveridge	125.00
46	2	1	Doddridge	West Union	James M. Petrovich, et al.	70.00
47	22	15	Tyler	McElroy	Isaiah Weekley	25.00
48	2	5.4	Doddridge	West Union	David R. & Elizabeth A. Beveridge	11.90
49	2	5.1	Doddridge	West Union	David R. & Elizabeth A. Beveridge	20.88
50	2	4.1	Doddridge	West Union	Robert B. & Marry E. Simpson	20.00
51	2	4	Doddridge	West Union	Robert B. & Marry E. Simpson	38.50
52	21	20	Tyler	McElroy	Richard & Barbara Mullins	1.00
53	2	9	Doddridge	West Union	Charles C. Hall III	115.75

Well References



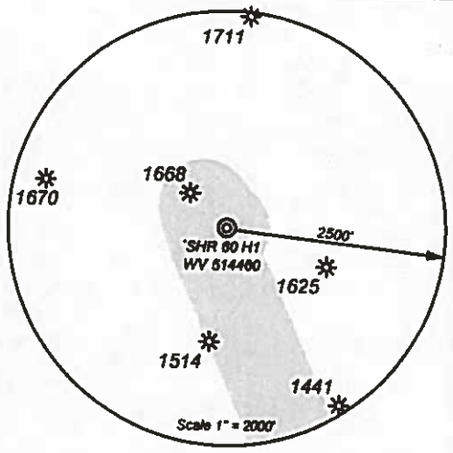
SHR 60

H1, 514460
H2, 514461
H3, 514462
H4, 514463
H5, 514464
H6, 514465
H7, 514466
H8, 514434
H9, 515435
H10, 515436
H11, 515437
H12, 515438

As-Drilled Well Info:

WV 514460 coordinates are
NAD 27 N: 328,582.21 E: 1,629,438.62
NAD 83 UTM N: 4,360,607.42 E: 516,268.70
WV 514460 Landing Point coordinates are
NAD 27 N: 328,231.08 E: 1,629,440.01
NAD 83 UTM N: 4,360,500.46 E: 516,270.91
WV 514460 Bottom Hole coordinates are
NAD 27 N: 315,344.67 E: 1,634,930.53
NAD 83 UTM N: 4,356,602.53 E: 518,009.11

West Virginia Coordinate 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.



Lease No.	Acres	Owner
126167	43	Berdina Rose, et al.
126161	43	John A. Dillon, et al.
126211	145	John A. Dillon, et al.
190034	36	Paul Weekley
126186	36	Bruce L. Stoneking, et al.
126137	20	S.A. Smith & C. Burke Morris Trust, et al.
126152	20	Linda Sue Lamb, et al.
126133	40	Dorothy H. Bode
105456	96	Kimberly Wilcox
126177	138	Regina M. Buck, et al.

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

Sub Surface Easements

Parcel No.	Acres	Owner
05-18-9	100	Billy Joe Rayburn, et ux.
05-18-9	100	Lawrence Rayburn, et ux.
05-18-7.1	102.31	Brenda J. Ashley, et vir.
05-18-7.1	102.31	Patricia A. Keys

ALLEGHENY SURVEYS, INC.

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.

P.S. 2092

Ben R. Singleton
LICENSED
NO. 2092
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

SEAL

FILE NO: 208-13
DRAWING NO: 208-13 SHR 60 H1
SCALE: 1" = 2000'
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 29 20 17
OPERATOR'S WELL NO.: WV 514460

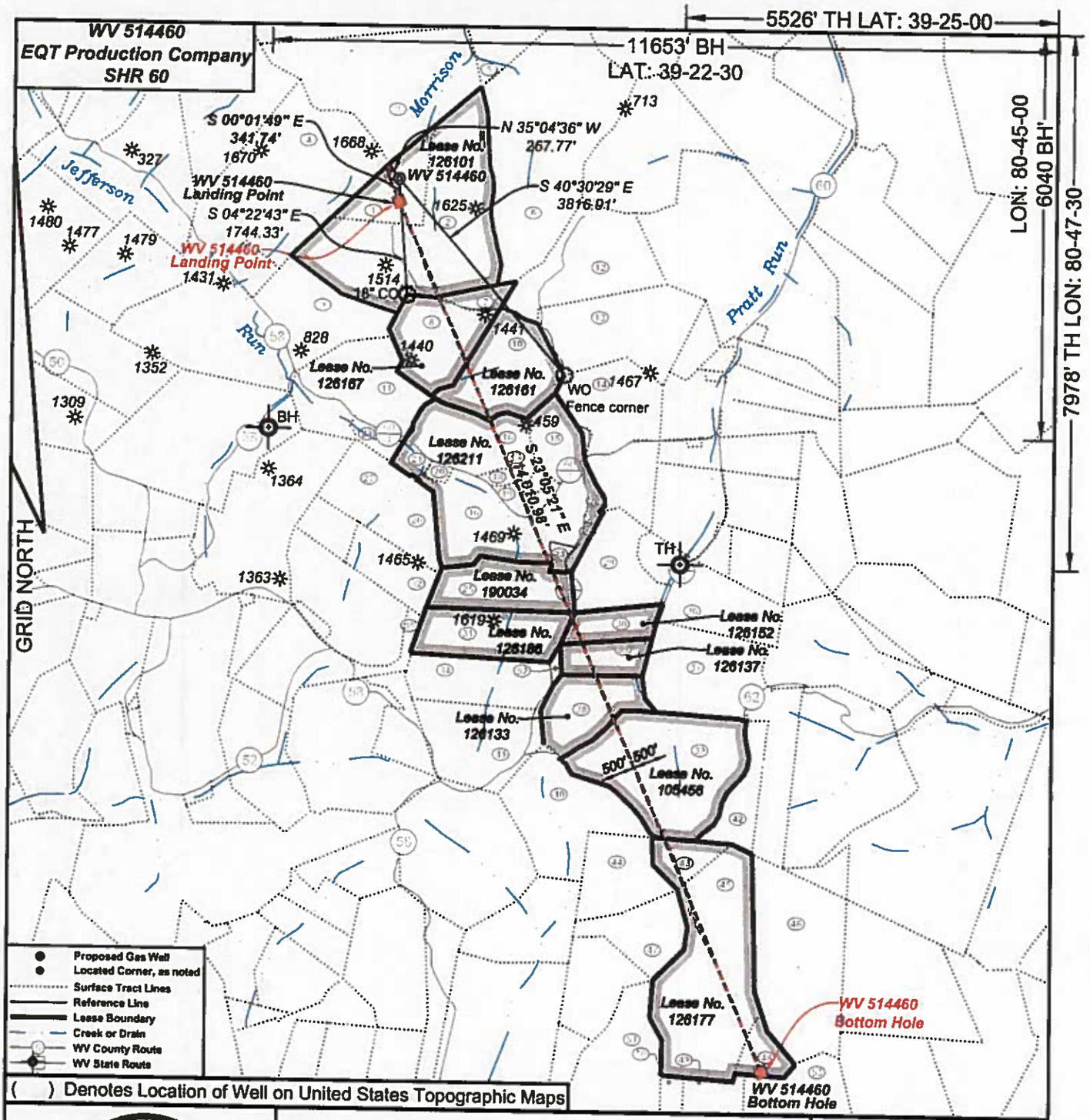
API WELL NO
47 - 95 - 02257
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: As-Built 1,011' WATERSHED Morrison Run of McElroy Creek QUADRANGLE: Shirley
DISTRICT: McElroy COUNTY: Tyler
SURFACE OWNER: Vivian J. Wells, et al. ACREAGE: 30.38
ROYALTY OWNER: George Birklein, et al. LEASE NO: 126101 ACREAGE: 240
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: 6596

WELL OPERATOR: EQT Production Company
ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330

DESIGNATED AGENT: Rex C. Ray
ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330

08/10/2024



ALLEGHENY SURVEYS, INC.

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.

P.S. 2092

Ben R. Singleton LICENSED NO. 2092 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

SEAL

FILE NO: 208-13
DRAWING NO: 208-13 SHR 60 H1
SCALE: 1" = 2000'
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 29 20 17
OPERATOR'S WELL NO.: WV 514460

API WELL NO
47 - 95 - 02257
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: As-Built 1,011' WATERSHED Morrison Run of McElroy Creek QUADRANGLE: Shirley
DISTRICT: McElroy COUNTY: Tyler
SURFACE OWNER: Vivian J. Wells, et al. ACREAGE: 35.82
ROYALTY OWNER: George Birklein, et al. LEASE NO: 126101 ACREAGE: 240
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: 6596

05/10/2024

WELL OPERATOR: EQT Production Company
ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330

DESIGNATED AGENT: Rex C. Ray
ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330

Perforation Data

Well_Name	Stage_Number	Perforation_Date	Perforated_From_MD_ft	Perforated_to_MD_ft	Number_of_Perforations	Formation
Shr60 1H	1	2019-11-15T12:00:00.000	20929	20930	2	Marcellus
Shr60 1H	1	2019-11-15T12:00:00.000	20882	20883	2	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20792	20793	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20711	20712	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20677	20678	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20776	20777	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20727	20728	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20743	20744	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20809	20810	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20760	20761	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20825	20826	40	Marcellus
Shr60 1H	2	2019-11-16T12:30:00.000	20694	20695	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20617	20618	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20649	20650	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20557	20558	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20597	20598	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20517	20518	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20537	20538	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20477	20478	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20497	20498	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20637	20638	40	Marcellus
Shr60 1H	3	2019-11-17T17:20:00.000	20577	20578	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20437	20438	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20337	20338	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20377	20378	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20417	20418	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20450	20451	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20317	20318	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20357	20358	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20277	20278	40	Marcellus

Shr60 1H	4	2019-11-18T06:38:00.000	20397	20398	40	Marcellus
Shr60 1H	4	2019-11-18T06:38:00.000	20297	20298	40	Marcellus
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Shr60 1H	7	2019-11-20T14:30:00.000	19844	19845	40	Marcellus
Shr60 1H	7	2019-11-20T14:30:00.000	19817	19818	40	Marcellus
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Shr60 1H	11	2019-11-22T09:42:00.000	18877	18878	40	Marcellus
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Shr60 1H	12	2019-11-23T15:44:00.000	18757	18758	40	Marcellus
Shr60 1H	12	2019-11-23T15:44:00.000	18697	18698	40	Marcellus
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Shr60 1H	12	2019-11-23T15:44:00.000	18817	18818	40	Marcellus
Shr60 1H	12	2019-11-23T15:44:00.000	18844	18845	40	Marcellus
Shr60 1H	13	2019-11-24T02:50:00.000	18637	18638	40	Marcellus
Shr60 1H	13	2019-11-24T02:50:00.000	18577	18578	40	Marcellus
Shr60 1H	13	2019-11-24T02:50:00.000	18557	18558	40	Marcellus
Shr60 1H	13	2019-11-24T02:50:00.000	18517	18518	40	Marcellus
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Shr60 1H	13	2019-11-24T02:50:00.000	18477	18478	40	Marcellus
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Shr60 1H	14	2019-11-24T10:17:00.000	18337	18338	40	Marcellus
Shr60 1H	14	2019-11-24T10:17:00.000	18357	18358	40	Marcellus

Shr60 1H	14	2019-11-24T10:17:00.000	18434	18435	40	Marcellus
Shr60 1H	14	2019-11-24T10:17:00.000	18317	18318	40	Marcellus
Shr60 1H	14	2019-11-24T10:17:00.000	18297	18298	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18137	18138	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18237	18238	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18097	18098	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18217	18218	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18177	18178	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18197	18198	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18257	18258	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18077	18078	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18157	18158	40	Marcellus
Shr60 1H	15	2019-11-24T20:48:00.000	18117	18118	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	18045	18046	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	17997	17998	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	17917	17918	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	17977	17978	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	18017	18018	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	17937	17938	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	17877	17878	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	17897	17898	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	17957	17958	40	Marcellus
Shr60 1H	16	2019-11-25T02:31:00.000	18037	18038	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17844	17845	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17757	17758	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17837	17838	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17737	17738	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17697	17698	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17777	17778	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17817	17818	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17797	17798	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17677	17678	40	Marcellus
Shr60 1H	17	2019-11-25T14:07:00.000	17717	17718	40	Marcellus

Shr60 1H	18	2019-11-25T21:44:00.000	17650	17651	40	Marcellus
Shr60 1H	18	2019-11-25T21:44:00.000	17597	17598	40	Marcellus
Shr60 1H	18	2019-11-25T21:44:00.000	17577	17578	40	Marcellus
Shr60 1H	18	2019-11-25T21:44:00.000	17557	17558	40	Marcellus
Shr60 1H	18	2019-11-25T21:44:00.000	17617	17618	40	Marcellus
Shr60 1H	18	2019-11-25T21:44:00.000	17477	17478	40	Marcellus
Shr60 1H	18	2019-11-25T21:44:00.000	17517	17518	40	Marcellus
Shr60 1H	18	2019-11-25T21:44:00.000	17637	17638	40	Marcellus
Shr60 1H	18	2019-11-25T21:44:00.000	17497	17498	40	Marcellus
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Shr60 1H	19	2019-11-26T18:38:00.000	17377	17378	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17337	17338	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17297	17298	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17445	17446	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17417	17418	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17317	17318	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17397	17398	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17437	17438	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17277	17278	40	Marcellus
Shr60 1H	19	2019-11-26T18:38:00.000	17357	17358	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17097	17098	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17117	17118	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17257	17258	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17237	17238	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17157	17158	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17217	17218	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17197	17198	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17137	17138	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17177	17178	40	Marcellus
Shr60 1H	20	2019-11-27T01:01:00.000	17077	17078	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	16937	16938	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	16997	16998	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	17042	17043	40	Marcellus

Shr60 1H	21	2019-11-27T08:05:00.000	17034	17035	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	16917	16918	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	16897	16898	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	16957	16958	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	16977	16978	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	16877	16878	40	Marcellus
Shr60 1H	21	2019-11-27T08:05:00.000	17017	17018	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16777	16778	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16844	16845	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16677	16678	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16757	16758	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16697	16698	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16717	16718	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16737	16738	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16797	16798	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16837	16838	40	Marcellus
Shr60 1H	22	2019-11-27T15:17:00.000	16817	16818	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16577	16578	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16477	16478	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16497	16498	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16557	16558	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16637	16638	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16537	16538	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16617	16618	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16646	16647	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16597	16598	40	Marcellus
Shr60 1H	23	2019-11-28T09:58:00.000	16517	16518	40	Marcellus
Shr60 1H	24	2019-11-28T17:38:00.000	16337	16338	40	Marcellus
Shr60 1H	24	2019-11-28T17:38:00.000	16297	16298	40	Marcellus
Shr60 1H	24	2019-11-28T17:38:00.000	16445	16446	40	Marcellus
Shr60 1H	24	2019-11-28T17:38:00.000	16397	16398	40	Marcellus
Shr60 1H	24	2019-11-28T17:38:00.000	16277	16278	40	Marcellus
Shr60 1H	24	2019-11-28T17:38:00.000	16417	16418	40	Marcellus

Shr60	1H	24	2019-11-28T17:38:00.000	16437	16438	40 Marcellus
Shr60	1H	24	2019-11-28T17:38:00.000	16357	16358	40 Marcellus
Shr60	1H	24	2019-11-28T17:38:00.000	16317	16318	40 Marcellus
Shr60	1H	24	2019-11-28T17:38:00.000	16377	16378	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16097	16098	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16137	16138	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16117	16118	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16077	16078	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16157	16158	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16237	16238	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16197	16198	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16177	16178	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16245	16246	40 Marcellus
Shr60	1H	25	2019-11-28T23:59:00.000	16217	16218	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	16047	16048	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	15997	15998	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	15897	15898	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	16037	16038	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	15977	15978	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	15917	15918	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	15937	15938	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	15957	15958	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	16017	16018	40 Marcellus
Shr60	1H	26	2019-11-29T05:11:00.000	15877	15878	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15841	15842	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15797	15798	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15817	15818	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15833	15834	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15677	15678	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15757	15758	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15737	15738	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15777	15778	40 Marcellus
Shr60	1H	27	2019-11-29T15:28:00.000	15697	15698	40 Marcellus

Shr60 1H	27	2019-11-29T15:28:00.000	15717	15718	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15517	15518	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15637	15638	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15557	15558	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15597	15598	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15497	15498	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15577	15578	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15646	15647	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15617	15618	40	Marcellus
Shr60 1H	28	2019-11-29T23:38:00.000	15477	15478	40	Marcellus
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Shr60 1H	29	2019-11-30T04:33:00.000	15277	15278	40	Marcellus
Shr60 1H	29	2019-11-30T04:33:00.000	15317	15318	40	Marcellus
Shr60 1H	29	2019-11-30T04:33:00.000	15417	15418	40	Marcellus
Shr60 1H	29	2019-11-30T04:33:00.000	15337	15338	40	Marcellus
Shr60 1H	29	2019-11-30T04:33:00.000	15377	15378	40	Marcellus
Shr60 1H	29	2019-11-30T04:33:00.000	15437	15438	40	Marcellus
Shr60 1H	29	2019-11-30T04:33:00.000	15357	15358	40	Marcellus
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Shr60 1H	30	2019-11-30T12:41:00.000	15117	15118	40	Marcellus
Shr60 1H	30	2019-11-30T12:41:00.000	15137	15138	40	Marcellus
Shr60 1H	30	2019-11-30T12:41:00.000	15157	15158	40	Marcellus
Shr60 1H	30	2019-11-30T12:41:00.000	15217	15218	40	Marcellus
Shr60 1H	30	2019-11-30T12:41:00.000	15197	15198	40	Marcellus
Shr60 1H	30	2019-11-30T12:41:00.000	15077	15078	40	Marcellus
Shr60 1H	30	2019-11-30T12:41:00.000	15097	15098	40	Marcellus
Shr60 1H	30	2019-11-30T12:41:00.000	15237	15238	40	Marcellus
Shr60 1H	30	2019-11-30T12:41:00.000	15253	15254	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	14917	14918	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	14997	14998	40	Marcellus

Shr60 1H	31	2019-11-30T19:09:00.000	14897	14898	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	14977	14978	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	15057	15058	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	14957	14958	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	14937	14938	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	15017	15018	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	15037	15038	40	Marcellus
Shr60 1H	31	2019-11-30T19:09:00.000	14877	14878	40	Marcellus
Shr60 1H	32	2019-12-01T01:07:00.000	14797	14798	40	Marcellus
Shr60 1H	32	2019-12-01T01:07:00.000	14817	14818	40	Marcellus
Shr60 1H	32	2019-12-01T01:07:00.000	14757	14758	40	Marcellus
Shr60 1H	32	2019-12-01T01:07:00.000	14737	14738	40	Marcellus
Shr60 1H	32	2019-12-01T01:07:00.000	14777	14778	40	Marcellus
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Shr60 1H	32	2019-12-01T01:07:00.000	14717	14718	40	Marcellus
Shr60 1H	32	2019-12-01T01:07:00.000	14677	14678	40	Marcellus
Shr60 1H	32	2019-12-01T01:07:00.000	14837	14838	40	Marcellus
Shr60 1H	32	2019-12-01T01:07:00.000	14697	14698	40	Marcellus
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Shr60 1H	33	2019-12-01T08:15:00.000	14537	14538	40	Marcellus
Shr60 1H	33	2019-12-01T08:15:00.000	14597	14598	40	Marcellus
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Shr60 1H	33	2019-12-01T08:15:00.000	14497	14498	40	Marcellus
Shr60 1H	33	2019-12-01T08:15:00.000	14577	14578	40	Marcellus
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Shr60 1H	34	2019-12-01T15:46:00.000	14417	14418	40	Marcellus
Shr60 1H	34	2019-12-01T15:46:00.000	14434	14435	40	Marcellus
Shr60 1H	34	2019-12-01T15:46:00.000	14377	14378	40	Marcellus

Shr60 1H	34	2019-12-01T15:46:00.000	14337	14338	40	Marcellus
Shr60 1H	34	2019-12-01T15:46:00.000	14277	14278	40	Marcellus
Shr60 1H	34	2019-12-01T15:46:00.000	14441	14442	40	Marcellus
Shr60 1H	34	2019-12-01T15:46:00.000	14357	14358	40	Marcellus
Shr60 1H	34	2019-12-01T15:46:00.000	14297	14298	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14097	14098	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14237	14238	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14247	14248	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14137	14138	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14077	14078	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14117	14118	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14177	14178	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14157	14158	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14217	14218	40	Marcellus
Shr60 1H	35	2019-12-02T00:03:00.000	14197	14198	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	14033	14034	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	13977	13978	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	13877	13878	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	13917	13918	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	14017	14018	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	13897	13898	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	13997	13998	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	13957	13958	40	Marcellus
Shr60 1H	36	2019-12-02T06:13:00.000	14040	14041	40	Marcellus
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Shr60 1H	37	2019-12-02T21:05:00.000	13837	13838	40	Marcellus
Shr60 1H	37	2019-12-02T21:05:00.000	13857	13858	40	Marcellus
Shr60 1H	37	2019-12-02T21:05:00.000	13817	13818	40	Marcellus
Shr60 1H	37	2019-12-02T21:05:00.000	13697	13698	40	Marcellus
Shr60 1H	37	2019-12-02T21:05:00.000	13717	13718	40	Marcellus
Shr60 1H	37	2019-12-02T21:05:00.000	13797	13798	40	Marcellus
Shr60 1H	37	2019-12-02T21:05:00.000	13677	13678	40	Marcellus

Shr60 1H	37	2019-12-02T21:05:00.000	13777	13778	40	Marcellus
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Shr60 1H	38	2019-12-03T03:03:00.000	13647	13648	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13637	13638	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13617	13618	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13577	13578	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13477	13478	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13497	13498	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13597	13598	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13537	13538	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13557	13558	40	Marcellus
Shr60 1H	38	2019-12-03T03:03:00.000	13517	13518	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13277	13278	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13297	13298	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13337	13338	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13443	13444	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13397	13398	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13437	13438	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13377	13378	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13417	13418	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13357	13358	40	Marcellus
Shr60 1H	39	2019-12-03T09:44:00.000	13317	13318	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13097	13098	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13137	13138	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13217	13218	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13177	13178	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13241	13242	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13197	13198	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13157	13158	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13077	13078	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13117	13118	40	Marcellus
Shr60 1H	40	2019-12-03T15:06:00.000	13237	13238	40	Marcellus
Shr60 1H	41	2019-12-04T00:22:00.000	12917	12918	40	Marcellus

Shr60	1H	41	2019-12-04T00:22:00.000	13037	13038	40 Marcellus
Shr60	1H	41	2019-12-04T00:22:00.000	12997	12998	40 Marcellus
Shr60	1H	41	2019-12-04T00:22:00.000	12957	12958	40 Marcellus
Shr60	1H	41	2019-12-04T00:22:00.000	12977	12978	40 Marcellus
Shr60	1H	41	2019-12-04T00:22:00.000	12877	12878	40 Marcellus
Shr60	1H	41	2019-12-04T00:22:00.000	12937	12938	40 Marcellus
Shr60	1H	41	2019-12-04T00:22:00.000	13047	13048	40 Marcellus
Shr60	1H	41	2019-12-04T00:22:00.000	13017	13018	40 Marcellus
Shr60	1H	41	2019-12-04T00:22:00.000	12897	12898	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12697	12698	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12837	12838	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12757	12758	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12717	12718	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12677	12678	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12797	12798	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12737	12738	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12777	12778	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12857	12858	40 Marcellus
Shr60	1H	42	2019-12-04T10:08:00.000	12817	12818	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12517	12518	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12557	12558	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12597	12598	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12577	12578	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12617	12618	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12637	12638	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12477	12478	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12497	12498	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12537	12538	40 Marcellus
Shr60	1H	43	2019-12-05T03:17:00.000	12646	12647	40 Marcellus
Shr60	1H	44	2019-12-05T13:01:00.000	12457	12458	40 Marcellus
Shr60	1H	44	2019-12-05T13:01:00.000	12437	12438	40 Marcellus
Shr60	1H	44	2019-12-05T13:01:00.000	12297	12298	40 Marcellus
Shr60	1H	44	2019-12-05T13:01:00.000	12357	12358	40 Marcellus

Shr60 1H	44	2019-12-05T13:01:00.000	12417	12418	40	Marcellus
Shr60 1H	44	2019-12-05T13:01:00.000	12337	12338	40	Marcellus
Shr60 1H	44	2019-12-05T13:01:00.000	12317	12318	40	Marcellus
Shr60 1H	44	2019-12-05T13:01:00.000	12397	12398	40	Marcellus
Shr60 1H	44	2019-12-05T13:01:00.000	12377	12378	40	Marcellus
Shr60 1H	44	2019-12-05T13:01:00.000	12277	12278	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12137	12138	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12077	12078	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12157	12158	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12117	12118	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12257	12258	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12097	12098	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12217	12218	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12237	12238	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12197	12198	40	Marcellus
Shr60 1H	45	2019-12-06T11:49:00.000	12177	12178	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	11997	11998	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	12017	12018	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	12037	12038	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	11897	11898	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	11957	11958	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	12046	12047	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	11937	11938	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	11977	11978	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	11917	11918	40	Marcellus
Shr60 1H	46	2019-12-07T02:10:00.000	11877	11878	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11737	11738	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11757	11758	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11817	11818	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11717	11718	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11837	11838	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11677	11678	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11857	11858	40	Marcellus

Shr60 1H	47	2019-12-07T15:46:00.000	11797	11798	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11697	11698	40	Marcellus
Shr60 1H	47	2019-12-07T15:46:00.000	11777	11778	40	Marcellus
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Shr60 1H	48	2019-12-08T03:01:00.000	11557	11558	40	Marcellus
Shr60 1H	48	2019-12-08T03:01:00.000	11637	11638	40	Marcellus
Shr60 1H	48	2019-12-08T03:01:00.000	11648	11649	40	Marcellus
Shr60 1H	48	2019-12-08T03:01:00.000	11617	11618	40	Marcellus
Shr60 1H	48	2019-12-08T03:01:00.000	11597	11598	40	Marcellus
Shr60 1H	48	2019-12-08T03:01:00.000	11577	11578	40	Marcellus
Shr60 1H	48	2019-12-08T03:01:00.000	11477	11478	40	Marcellus
Shr60 1H	48	2019-12-08T03:01:00.000	11497	11498	40	Marcellus
Shr60 1H	48	2019-12-08T03:01:00.000	11517	11518	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11317	11318	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11377	11378	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11277	11278	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11297	11298	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11337	11338	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11417	11418	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11457	11458	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11437	11438	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11357	11358	40	Marcellus
Shr60 1H	49	2019-12-08T13:33:00.000	11397	11398	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11077	11078	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11247	11248	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11177	11178	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11157	11158	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11137	11138	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11117	11118	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11217	11218	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11237	11238	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11197	11198	40	Marcellus
Shr60 1H	50	2019-12-09T02:22:00.000	11097	11098	40	Marcellus

Shr60	1H	51	2019-12-09T19:24:00.000	10977	10978	40 Marcellus
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Shr60	1H	51	2019-12-09T19:24:00.000	10997	10998	40 Marcellus
Shr60	1H	51	2019-12-09T19:24:00.000	10957	10958	40 Marcellus
Shr60	1H	51	2019-12-09T19:24:00.000	11037	11038	40 Marcellus
Shr60	1H	51	2019-12-09T19:24:00.000	11047	11048	40 Marcellus
Shr60	1H	51	2019-12-09T19:24:00.000	10897	10898	40 Marcellus
Shr60	1H	51	2019-12-09T19:24:00.000	10877	10878	40 Marcellus
Shr60	1H	51	2019-12-09T19:24:00.000	11017	11018	40 Marcellus
Shr60	1H	51	2019-12-09T19:24:00.000	10937	10938	40 Marcellus
Shr60	1H	52	2019-12-10T08:10:00.000	10797	10798	40 Marcellus
Shr60	1H	52	2019-12-10T08:10:00.000	10817	10818	40 Marcellus
Shr60	1H	52	2019-12-10T08:10:00.000	10777	10778	40 Marcellus
Shr60	1H	52	2019-12-10T08:10:00.000	10737	10738	40 Marcellus
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Shr60	1H	52	2019-12-10T08:10:00.000	10717	10718	40 Marcellus
Shr60	1H	52	2019-12-10T08:10:00.000	10757	10758	40 Marcellus
Shr60	1H	52	2019-12-10T08:10:00.000	10857	10858	40 Marcellus
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Shr60	1H	53	2019-12-10T18:02:00.000	10497	10498	40 Marcellus
Shr60	1H	53	2019-12-10T18:02:00.000	10517	10518	40 Marcellus
Shr60	1H	53	2019-12-10T18:02:00.000	10617	10618	40 Marcellus
Shr60	1H	53	2019-12-10T18:02:00.000	10637	10638	40 Marcellus
Shr60	1H	53	2019-12-10T18:02:00.000	10477	10478	40 Marcellus
Shr60	1H	53	2019-12-10T18:02:00.000	10647	10648	40 Marcellus
Shr60	1H	53	2019-12-10T18:02:00.000	10577	10578	40 Marcellus
Shr60	1H	53	2019-12-10T18:02:00.000	10537	10538	40 Marcellus
Shr60	1H	53	2019-12-10T18:02:00.000	10557	10558	40 Marcellus
Shr60	1H	54	2019-12-11T04:09:00.000	10277	10278	40 Marcellus
Shr60	1H	54	2019-12-11T04:09:00.000	10446	10447	40 Marcellus
Shr60	1H	54	2019-12-11T04:09:00.000	10317	10318	40 Marcellus

Shr60 1H	54	2019-12-11T04:09:00.000	10417	10418	40	Marcellus
Shr60 1H	54	2019-12-11T04:09:00.000	10437	10438	40	Marcellus
Shr60 1H	54	2019-12-11T04:09:00.000	10377	10378	40	Marcellus
Shr60 1H	54	2019-12-11T04:09:00.000	10397	10398	40	Marcellus
Shr60 1H	54	2019-12-11T04:09:00.000	10337	10338	40	Marcellus
Shr60 1H	54	2019-12-11T04:09:00.000	10297	10298	40	Marcellus
Shr60 1H	54	2019-12-11T04:09:00.000	10357	10358	40	Marcellus
Shr60 1H	55	2019-12-11T19:13:00.000	10248	10249	40	Marcellus
Shr60 1H	55	2019-12-11T19:13:00.000	10197	10198	40	Marcellus
Shr60 1H	55	2019-12-11T19:13:00.000	10237	10238	40	Marcellus
Shr60 1H	55	2019-12-11T19:13:00.000	10077	10078	40	Marcellus
Shr60 1H	55	2019-12-11T19:13:00.000	10097	10098	40	Marcellus
Shr60 1H	55	2019-12-11T19:13:00.000	10177	10178	40	Marcellus
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Shr60 1H	55	2019-12-11T19:13:00.000	10217	10218	40	Marcellus
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Shr60 1H	56	2019-12-13T02:08:00.000	9997	9998	40	Marcellus
Shr60 1H	56	2019-12-13T02:08:00.000	9977	9978	40	Marcellus
Shr60 1H	56	2019-12-13T02:08:00.000	10017	10018	40	Marcellus
Shr60 1H	56	2019-12-13T02:08:00.000	9897	9898	40	Marcellus
Shr60 1H	56	2019-12-13T02:08:00.000	9937	9938	40	Marcellus
Shr60 1H	56	2019-12-13T02:08:00.000	9957	9958	40	Marcellus
Shr60 1H	56	2019-12-13T02:08:00.000	9877	9878	40	Marcellus
Shr60 1H	56	2019-12-13T02:08:00.000	10037	10038	40	Marcellus
Shr60 1H	56	2019-12-13T02:08:00.000	10048	10049	40	Marcellus
Shr60 1H	57	2019-12-14T01:52:00.000	9797	9798	40	Marcellus
Shr60 1H	57	2019-12-14T01:52:00.000	9737	9738	40	Marcellus
Shr60 1H	57	2019-12-14T01:52:00.000	9717	9718	40	Marcellus
Shr60 1H	57	2019-12-14T01:52:00.000	9837	9838	40	Marcellus
Shr60 1H	57	2019-12-14T01:52:00.000	9677	9678	40	Marcellus
Shr60 1H	57	2019-12-14T01:52:00.000	9850	9851	40	Marcellus

Shr60	1H	57	2019-12-14T01:52:00.000	9817	9818	40 Marcellus
Shr60	1H	57	2019-12-14T01:52:00.000	9697	9698	40 Marcellus
Shr60	1H	57	2019-12-14T01:52:00.000	9777	9778	40 Marcellus
Shr60	1H	57	2019-12-14T01:52:00.000	9757	9758	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9537	9538	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9477	9478	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9597	9598	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9651	9652	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9637	9638	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9557	9558	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9577	9578	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9517	9518	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9497	9498	40 Marcellus
Shr60	1H	58	2019-12-14T19:10:00.000	9617	9618	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9437	9438	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9397	9398	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9277	9278	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9457	9458	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9297	9298	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9317	9318	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9417	9418	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9377	9378	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9357	9358	40 Marcellus
Shr60	1H	59	2019-12-15T06:01:00.000	9337	9338	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9237	9238	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9097	9098	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9177	9178	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9117	9118	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9197	9198	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9217	9218	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9137	9138	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9257	9258	40 Marcellus
Shr60	1H	60	2019-12-15T16:31:00.000	9157	9158	40 Marcellus

Shr60	1H	60	2019-12-15T16:31:00.000	9077	9078	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	9037	9038	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	8957	8958	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	9057	9058	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	8897	8898	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	8877	8878	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	8937	8938	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	8917	8918	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	9017	9018	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	8977	8978	40 Marcellus
Shr60	1H	61	2019-12-16T12:03:00.000	8997	8998	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8717	8718	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8677	8678	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8697	8698	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8797	8798	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8817	8818	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8837	8838	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8737	8738	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8777	8778	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8757	8758	40 Marcellus
Shr60	1H	62	2019-12-16T23:13:00.000	8849	8850	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8647	8648	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8577	8578	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8537	8538	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8597	8598	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8477	8478	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8637	8638	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8497	8498	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8517	8518	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8617	8618	40 Marcellus
Shr60	1H	63	2019-12-18T07:54:00.000	8557	8558	40 Marcellus
Shr60	1H	64	2019-12-18T19:19:00.000	8449	8450	40 Marcellus
Shr60	1H	64	2019-12-18T19:19:00.000	8377	8378	40 Marcellus

Shr60 1H	64	2019-12-18T19:19:00.000	8397	8398	40	Marcellus
Shr60 1H	64	2019-12-18T19:19:00.000	8357	8358	40	Marcellus
Shr60 1H	64	2019-12-18T19:19:00.000	8297	8298	40	Marcellus
Shr60 1H	64	2019-12-18T19:19:00.000	8337	8338	40	Marcellus
Shr60 1H	64	2019-12-18T19:19:00.000	8277	8278	40	Marcellus
Shr60 1H	64	2019-12-18T19:19:00.000	8437	8438	40	Marcellus
Shr60 1H	64	2019-12-18T19:19:00.000	8417	8418	40	Marcellus
Shr60 1H	64	2019-12-18T19:19:00.000	8317	8318	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8137	8138	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8217	8218	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8177	8178	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8077	8078	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8157	8158	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8117	8118	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8197	8198	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8237	8238	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8097	8098	40	Marcellus
Shr60 1H	65	2019-12-19T04:56:00.000	8249	8250	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	7957	7958	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	7877	7878	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	7997	7998	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	7917	7918	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	7897	7898	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	8037	8038	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	8017	8018	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	8048	8049	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	7977	7978	40	Marcellus
Shr60 1H	66	2019-12-20T08:51:00.000	7937	7938	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7757	7758	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7717	7718	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7817	7818	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7737	7738	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7677	7678	40	Marcellus

Shr60 1H	67	2019-12-20T19:47:00.000	7777	7778	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7697	7698	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7837	7838	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7797	7798	40	Marcellus
Shr60 1H	67	2019-12-20T19:47:00.000	7848	7849	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7597	7598	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7617	7618	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7637	7638	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7497	7498	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7557	7558	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7517	7518	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7651	7652	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7477	7478	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7577	7578	40	Marcellus
Shr60 1H	68	2019-12-21T06:27:00.000	7537	7538	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7377	7378	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7317	7318	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7357	7358	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7437	7438	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7337	7338	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7297	7298	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7277	7278	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7417	7418	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7449	7450	40	Marcellus
Shr60 1H	69	2019-12-21T19:39:00.000	7397	7398	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7137	7138	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7252	7253	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7177	7178	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7097	7098	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7237	7238	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7197	7198	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7157	7158	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7117	7118	40	Marcellus

Shr60 1H	70	2019-12-22T07:03:00.000	7217	7218	40	Marcellus
Shr60 1H	70	2019-12-22T07:03:00.000	7077	7078	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	6917	6918	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	7049	7050	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	6997	6998	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	6977	6978	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	6877	6878	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	6937	6938	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	7017	7018	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	7037	7038	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	6897	6898	40	Marcellus
Shr60 1H	71	2019-12-22T18:14:00.000	6957	6958	40	Marcellus

Stimulation Data

Well_Name	Stage_Number	Stimulation Date	Rate_Avg	Pressure_Avg_P	Pressure_Max_P	Pressure_Breakdown	ISIP	Total_Pumped_BBLs	Proppant_Type	Proppant_Mesh_Type	Proppant_Total_LBS
Shr60 1H	1	2019-11-16T02:10:00.000	84.17619788	8780.4561	9176.7998	4895	3599	274974	Natural Sand	100 Mesh	185500
Shr60 1H	2	2019-11-17T01:20:00.000	89.28519775	9086.7168	9314.627	5104	3720	458052	Natural Sand	100 Mesh	439730
Shr60 1H	3	2019-11-17T21:30:00.000	88.33929778	9067.624	9316.707	8664	3701	447258	Natural Sand	100 Mesh	439100
Shr60 1H	4	2019-11-18T11:30:00.000	97.64799754	8947.0771	9120.4619	5888	4593	494760	Natural Sand	100 Mesh	440000
Shr60 1H	5	2019-11-19T08:17:00.000	96.96919756	8927.2559	9255.7227	4845	4196	442344	Natural Sand	100 Mesh	443850
Shr60 1H	6	2019-11-20T12:34:00.000	98.01069753	8819.9	9271.0928	5725	4790	488334	Natural Sand	100 Mesh	439170
Shr60 1H	7	2019-11-20T18:07:00.000	99.85849749	8998.2617	9283.5459	5221	4593	442974	Natural Sand	100 Mesh	441158
Shr60 1H	8	2019-11-20T23:40:00.000	99.89219749	8936.7441	9166.6318	5164	4313	428988	Natural Sand	100 Mesh	437950
Shr60 1H	9	2019-11-21T04:29:00.000	99.2577975	8949.6318	9185.6699	3778	4358	430206	Natural Sand	100 Mesh	437934
Shr60 1H	10	2019-11-22T07:50:00.000	91.4491977	8798	9207	4319	5018	749910	Natural Sand	100 Mesh	447300
Shr60 1H	11	2019-11-23T14:04:00.000	99.68949749	8945.874	9215.2803	4776	4644	512610	Natural Sand	100 Mesh	442380
Shr60 1H	12	2019-11-24T00:14:00.000	99.3131975	8752.917	8993.5664	4791	4847	428274	Natural Sand	100 Mesh	440675
Shr60 1H	13	2019-11-24T08:11:00.000	99.82629749	8842.4854	9116.125	5119	4671	434406	Natural Sand	100 Mesh	443661
Shr60 1H	14	2019-11-24T18:47:00.000	99.76259749	8859.6289	9194.8613	5077	4572	439236	Natural Sand	100 Mesh	440125
Shr60 1H	15	2019-11-25T00:50:00.000	99.59019749	8893.2139	9189.6699	5281	5565	422226	Natural Sand	100 Mesh	440181
Shr60 1H	16	2019-11-25T12:13:00.000	94.91789761	8631.6016	9072.6201	5099	4485	473760	Natural Sand	100 Mesh	442590
Shr60 1H	17	2019-11-25T19:54:00.000	99.98029748	8782.1143	9055.1396	5525	4203	424956	Natural Sand	100 Mesh	441100
Shr60 1H	18	2019-11-26T13:28:00.000	95.3370976	8860.2725	9158.208	5255	4786	431844	Natural Sand	100 Mesh	443780
Shr60 1H	19	2019-11-26T22:17:00.000	99.09219751	8872.8721	9186.2363	5365	4369	431802	Natural Sand	100 Mesh	439100
Shr60 1H	20	2019-11-27T06:06:00.000	99.13529751	8888.0254	9223.9189	5688	4486	422016	Natural Sand	100 Mesh	440300
Shr60 1H	21	2019-11-27T13:11:00.000	100.1174975	8897.7598	9227.6016	6028	4813	435078	Natural Sand	100 Mesh	441800
Shr60 1H	22	2019-11-27T23:15:00.000	99.57879749	8846.4053	9198.5781	5946	4231	434742	Natural Sand	100 Mesh	441500
Shr60 1H	23	2019-11-28T15:34:00.000	100.0062975	8947.5859	9276.3184	5877	4225	435204	Natural Sand	100 Mesh	440900
Shr60 1H	24	2019-11-28T22:13:00.000	100.2076975	8847.4248	9226.1719	5546	4401	430794	Natural Sand	100 Mesh	440900
Shr60 1H	25	2019-11-29T03:19:00.000	99.75819749	8777.7842	9221.3486	5766	4248	428358	Natural Sand	100 Mesh	441850
Shr60 1H	26	2019-11-29T13:21:00.000	100.0020975	8840.8242	9157.0938	5191	4042	433020	Natural Sand	100 Mesh	440200
Shr60 1H	27	2019-11-29T21:53:00.000	100.0693975	8710.6104	9034.9248	5845	4236	426510	Natural Sand	100 Mesh	440900
Shr60 1H	28	2019-11-30T02:52:00.000	99.95439749	8653.9512	9087.584	6237	4222	426258	Natural Sand	100 Mesh	440750
Shr60 1H	29	2019-11-30T08:40:00.000	100.1408975	8366.6484	8816.0508	4695	4539	428526	Natural Sand	100 Mesh	439500
Shr60 1H	30	2019-11-30T17:09:00.000	99.4727975	8560.6611	8857.5303	5021	3947	434364	Natural Sand	100 Mesh	440200
Shr60 1H	31	2019-11-30T23:25:00.000	100.2358975	8604.5791	8929.4219	5388	4338	423192	Natural Sand	100 Mesh	441700
Shr60 1H	32	2019-12-01T06:28:00.000	100.1275975	8557.8281	8802.3887	5277	3991	422688	Natural Sand	100 Mesh	441500
Shr60 1H	33	2019-12-01T14:02:00.000	99.60939749	8384.0479	8673.8828	5587	3994	422940	Natural Sand	100 Mesh	440500
Shr60 1H	34	2019-12-01T21:22:00.000	99.65719749	8550.2061	9243.5801	5657	4163	424956	Natural Sand	100 Mesh	441200
Shr60 1H	35	2019-12-02T04:29:00.000	99.94949749	8438.5811	8687.4902	5018	4111	425544	Natural Sand	100 Mesh	440850
Shr60 1H	36	2019-12-02T16:11:00.000	100.2050975	8295.3643	8524.3486	4502	3951	412440	Natural Sand	100 Mesh	441500
Shr60 1H	37	2019-12-03T00:48:00.000	100.4361975	8510.2139	8746.2197	5531	4341	420462	Natural Sand	100 Mesh	440550
Shr60 1H	38	2019-12-03T08:08:00.000	99.98699748	8310.2232	8664.2353	5325	4276	467586	Natural Sand	100 Mesh	439500
Shr60 1H	39	2019-12-03T13:32:00.000	100.4275975	8263.1777	8508.3174	5368	4127	412860	Natural Sand	100 Mesh	440100
Shr60 1H	40	2019-12-03T22:56:00.000	100.1218975	8473.5459	8755.96	5566	4275	424032	Natural Sand	100 Mesh	441600
Shr60 1H	41	2019-12-04T05:08:00.000	95.4675976	8454.5605	9237.9141	5386	4456	406896	Natural Sand	100 Mesh	441850
Shr60 1H	42	2019-12-04T18:56:00.000	98.83229751	8083.6953	8961.2451	4714	4620	451122	Natural Sand	100 Mesh	443500
Shr60 1H	43	2019-12-05T07:06:00.000	100.2630975	8277.002	8796.9297	5672	4191	418698	Natural Sand	100 Mesh	441200

Shr60 1H	44	2019-12-06T10:24:00.000	100.1163975	8130.2002	8436.7285	4859	4011	397446	Natural Sand	100 Mesh	440800
Shr60 1H	45	2019-12-07T00:21:00.000	98.52529752	8106.665	8355.2051	5139	4412	446628	Natural Sand	100 Mesh	443210
Shr60 1H	46	2019-12-07T13:38:00.000	99.68059749	7994.5825	8299.1816	5358	4211	395094	Natural Sand	100 Mesh	439100
Shr60 1H	47	2019-12-08T01:23:00.000	98.63949752	7937.8535	9075.7861	5519	4129	413952	Natural Sand	100 Mesh	439000
Shr60 1H	48	2019-12-08T12:10:00.000	100.0433975	7972.8252	8206.916	5171	3868	393498	Natural Sand	100 Mesh	439300
Shr60 1H	49	2019-12-09T00:46:00.000	97.79999754	8009.1108	9024.4668	4950	4281	412566	Natural Sand	100 Mesh	439800
Shr60 1H	50	2019-12-09T13:48:00.000	100.1195975	8170.2759	8552.998	5397	4299	389046	Natural Sand	100 Mesh	441400
Shr60 1H	51	2019-12-10T04:02:00.000	99.09999751	8165.3613	9000.8887	5545	4590	407988	Natural Sand	100 Mesh	440500
Shr60 1H	52	2019-12-10T14:15:00.000	100.2909975	7991.3184	8451.7422	5629	3818	390558	Natural Sand	100 Mesh	440400
Shr60 1H	53	2019-12-11T00:12:00.000	98.80129751	7982.061	9086.9297	5832	4149	395388	Natural Sand	100 Mesh	435780
Shr60 1H	54	2019-12-11T17:46:00.000	100.2264975	7887.0879	8221.5547	6095	3808	386484	Natural Sand	100 Mesh	441200
Shr60 1H	55	2019-12-12T07:57:00.000	99.3102975	7675.5317	7886.9775	4955	4343	394674	Natural Sand	100 Mesh	441200
Shr60 1H	56	2019-12-14T00:34:00.000	98.59999752	8200.3594	9110.3496	5727	4924	629748	Natural Sand	100 Mesh	440550
Shr60 1H	57	2019-12-14T17:59:00.000	98.74539752	7750.9053	8862.5977	5696	4304	405804	Natural Sand	100 Mesh	444500
Shr60 1H	58	2019-12-15T04:48:00.000	99.4598975	7532.9741	8288.6914	4700	4720	390894	Natural Sand	100 Mesh	440800
Shr60 1H	59	2019-12-15T15:13:00.000	100.2037975	7754.0713	8161.6035	5354	4455	387576	Natural Sand	100 Mesh	439250
Shr60 1H	60	2019-12-16T10:22:00.000	96.64159757	7538.0522	8801.2637	5512	4099	389256	Natural Sand	100 Mesh	439350
Shr60 1H	61	2019-12-16T21:54:00.000	98.57259752	7485.0371	7967.9844	4538	4394	389256	Natural Sand	100 Mesh	440980
Shr60 1H	62	2019-12-17T13:35:00.000	100.1024975	7588.7495	7778.1094	5662	4322	388206	Natural Sand	100 Mesh	440750
Shr60 1H	63	2019-12-18T17:47:00.000	100.0673975	7790.9985	8828.1279	5580	4302	386064	Natural Sand	100 Mesh	440800
Shr60 1H	64	2019-12-19T03:51:00.000	100.4201975	7610.7148	8298.9707	5374	4234	385182	Natural Sand	100 Mesh	440500
Shr60 1H	65	2019-12-20T00:08:00.000	99.86059749	7731.1226	8254.2041	5131	4427	406938	Natural Sand	100 Mesh	440300
Shr60 1H	66	2019-12-20T12:51:00.000	100.2437975	7518.7212	8311.9492	5511	4728	389928	Natural Sand	100 Mesh	440350
Shr60 1H	67	2019-12-20T23:36:00.000	100.4056975	7595.5625	8650.3887	5611	4169	384804	Natural Sand	100 Mesh	440700
Shr60 1H	68	2019-12-21T11:34:00.000	99.4893975	7362.8359	7870.5181	5481	4378	387996	Natural Sand	100 Mesh	441950
Shr60 1H	69	2019-12-22T00:27:00.000	100.3150975	7486.5874	8152.9575	5609	4277	383040	Natural Sand	100 Mesh	441900
Shr60 1H	70	2019-12-22T11:20:00.000	100.1994975	7370.8647	7822.0542	5806	4529	387030	Natural Sand	100 Mesh	440300
Shr60 1H	71	2019-12-22T22:17:00.000	100.2476975	7431.1895	8855.2598	5515	4087	378546	Natural Sand	100 Mesh	440200