



# Well History

**Well Name: Lion Creek 23-0164B**

Well Name Lion Creek 23-0164B	API 05-123-47385-__	License #	Excalibur ID 20240	Operator HighPoint Resources	Government Authority Fee
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,411.20	Ground Elevation (ft) 5,391.20	KB-Ground Distance (ft) 20.00	Regulatory Drilling Spud Date 8/1/2018 06:00	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 23 T11N R64W	North/South Distance (ft) 300.0	North/South Reference FNL	East/West Distance (ft) 1,320.0	East/West Reference FWL	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 45.922" N	Longitude (°) 104° 31' 2.348" W	Basin DJ Basin	Field Name Hereford	County Weld	State/Province Colorado

<b>Well Name:</b> Lion Creek 23-0164B		<b>Field Name:</b> Hereford	
<b>Excalibur ID:</b> 20240		<b>Total Depth (ftKB):</b> 18,174.0	
<b>User Text 1:</b>	<b>Type of Well:</b>	<b>Type of Comp.:</b>	
<b>7/30/2018 21:30 - 7/31/2018 06:00</b>			
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion	
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b>
<b>License #:</b>	<b>Report End Date:</b> 7/31/2018	<b>Well Status:</b>	
<b>Operations @ 6:00 AM:</b> DIR WORK			
<b>24 Hour Summary:</b> DRILL CASE AND CEMENT PREVIOUS WELL			
<b>Daily Cost Total (Cost):</b>		<b>Cum Cost To Date (Cost):</b>	
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> -34.0	
<b>7/31/2018 06:00 - 8/1/2018 06:00</b>			
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion	
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b>
<b>License #:</b>	<b>Report End Date:</b> 8/1/2018	<b>Well Status:</b>	
<b>Operations @ 6:00 AM:</b> CASING			
<b>24 Hour Summary:</b> DRILL TOOH RUN CASIN			
<b>Daily Cost Total (Cost):</b> 243,532.02		<b>Cum Cost To Date (Cost):</b> 243,532.02	
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> -33.0	
<b>8/1/2018 06:00 - 8/1/2018 11:30</b>			
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion	
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b>
<b>License #:</b>	<b>Report End Date:</b> 8/1/2018	<b>Well Status:</b>	
<b>Operations @ 6:00 AM:</b> STACK RIG			
<b>24 Hour Summary:</b> RUN CASING AND CEMENT			
<b>Daily Cost Total (Cost):</b>		<b>Cum Cost To Date (Cost):</b> 243,532.02	
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> -32.0	
<b>9/3/2018 00:00 - 9/3/2018 06:00</b>			
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion	
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 133
<b>License #:</b>	<b>Report End Date:</b> 9/3/2018	<b>Well Status:</b>	
<b>Operations @ 6:00 AM:</b> TESTING BOP			
<b>24 Hour Summary:</b> SKID RIG - NIPPLE UP BOP - TEST BOP - RIG UP BACK YARD			
<b>Daily Cost Total (Cost):</b> 4,462.00		<b>Cum Cost To Date (Cost):</b> 247,994.02	
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 1.0	
<b>9/3/2018 06:00 - 9/4/2018 06:00</b>			
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion	
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2052
<b>License #:</b>	<b>Report End Date:</b> 9/4/2018	<b>Well Status:</b>	
<b>Operations @ 6:00 AM:</b> DRILLING 8.75" HOLE			
<b>24 Hour Summary:</b> INSTALL WEAR RING - PU SDI BHA AND LAY DOWN GEO GUIDANCE BHA - TIH - DRILL OUT FLOAT EQUIPMENT - DRILLING 8.75" HOLE - RIG SERVICE - DRILLING 8.75" HOLE - RIG SERVICE - DRILLING 8.75" HOLE - RIG SERVICE -DRILLING 8.75" HOLE			
<b>Daily Cost Total (Cost):</b> 82,546.92		<b>Cum Cost To Date (Cost):</b> 330,540.94	
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 1.0	
<b>9/4/2018 06:00 - 9/5/2018 06:00</b>			
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion	
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2724
<b>License #:</b>	<b>Report End Date:</b> 9/5/2018	<b>Well Status:</b>	
<b>Operations @ 6:00 AM:</b> WIPER TRIP			
<b>24 Hour Summary:</b> TROUBLESHOOT MWD - DRILLING 8.75" HOLE - CIRCULATE - RIG SERVICE - DRILING 8.75" HOLE - RIG SERVICE - CIRC - WIPER TRIP TO SHOE FOR SHUTTLE LOGS			
<b>Daily Cost Total (Cost):</b> 52,725.24		<b>Cum Cost To Date (Cost):</b> 383,266.18	
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 2.0	



# Well History

Well Name: Lion Creek 23-0164B

Well Name Lion Creek 23-0164B	API 05-123-47385-__	License #	Excalibur ID 20240	Operator HighPoint Resources	Government Authority Fee
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,411.20	Ground Elevation (ft) 5,391.20	KB-Ground Distance (ft) 20.00	Regulatory Drilling Spud Date 8/1/2018 06:00	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 23 T11N R64W	North/South Distance (ft) 300.0	North/South Reference FNL	East/West Distance (ft) 1,320.0	East/West Reference FWL	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 45.922" N	Longitude (°) 104° 31' 2.348" W	Basin DJ Basin	Field Name Hereford	County Weld	State/Province Colorado

<b>9/5/2018 06:00 - 9/6/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2297		
<b>License #:</b>	<b>Report End Date:</b> 9/6/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> TRIP OUT LOGGING					
<b>24 Hour Summary:</b> TRIP IN HOLE, CIRC HOLE CLEAN, TRIP OUT, RIG UP WEATHERFORD SHUTTLE LOG, TRIP IN AND DEPLOY TOOL, TRIP OUT LOGGING @ 16'/MIN TO 4200'					
<b>Daily Cost Total (Cost):</b> 37,328.00		<b>Cum Cost To Date (Cost):</b> 420,594.18			
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 3.0			
<b>9/6/2018 06:00 - 9/7/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 700		
<b>License #:</b>	<b>Report End Date:</b> 9/7/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> TRIPPING IN					
<b>24 Hour Summary:</b> TRIP OUT LOGGING @ 16'/MIN, LAY DOWN LOGGING TOOLS, RIG UP CASERS AND RUN 7" CASING SET @ 8217', CIRC AND CEMENT, INSTALL 7" PACK OFF, PICK UP DIRECTIONAL TOOLS AND TRIP IN, CUT AND SLIP DRILL LINE,					
<b>Daily Cost Total (Cost):</b> 293,869.94		<b>Cum Cost To Date (Cost):</b> 714,464.12			
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 4.0			
<b>9/7/2018 06:00 - 9/8/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 1007		
<b>License #:</b>	<b>Report End Date:</b> 9/8/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> DRILLING LATERAL					
<b>24 Hour Summary:</b> TRIP IN, DRILL OUT SHOE TRACK, DRILL LATERAL FROM 8237' TO 12460'					
<b>Daily Cost Total (Cost):</b> 37,034.00		<b>Cum Cost To Date (Cost):</b> 751,498.12			
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 5.0			
<b>9/8/2018 06:00 - 9/9/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2289		
<b>License #:</b>	<b>Report End Date:</b> 9/9/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> DRILLING LATERAL					
<b>24 Hour Summary:</b> DRILL LATERAL FROM 12460' TO 16411'					
<b>Daily Cost Total (Cost):</b> 36,834.00		<b>Cum Cost To Date (Cost):</b> 788,332.12			
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 6.0			
<b>9/9/2018 06:00 - 9/10/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2353		
<b>License #:</b>	<b>Report End Date:</b> 9/10/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> TRIPPING OUT					
<b>24 Hour Summary:</b> TROUBLE SHOOT MWD, DRILL LATERAL FROM 16411' TO 18174', TD, CIRC, TRIP OUT TO RUN 4.5" CASING					
<b>Daily Cost Total (Cost):</b> 39,035.00		<b>Cum Cost To Date (Cost):</b> 827,367.12			
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 7.0			
<b>9/10/2018 06:00 - 9/11/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 798		
<b>License #:</b>	<b>Report End Date:</b> 9/11/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> RIG RELEASED					
<b>24 Hour Summary:</b> TRIP OUT, LAY DOWN DIRECTIONAL TOOLS, RIG UP AND RUN 4.5" LINER, CIRC, CEMENT, TRIP OUT LINER HANGER SETTING TOOL, NIPPLE DOWN BOP, RIG RELEASE @ 9/11/18 02:30					
<b>Daily Cost Total (Cost):</b> 317,621.49		<b>Cum Cost To Date (Cost):</b> 1,144,988.61			
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 8.0			
<b>9/19/2018 06:00 - 9/20/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b>		
<b>License #:</b>	<b>Report End Date:</b> 9/20/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> RIG SECURED					
<b>24 Hour Summary:</b> MI/RU E-LINE RUN CBL'S					
<b>Daily Cost Total (Cost):</b> 4,000.00		<b>Cum Cost To Date (Cost):</b> 1,148,988.61			
<b>Most Likely Duration (no plan change) (days):</b>		<b>Job Day (days):</b> 17.0			



# Well History

**Well Name: Lion Creek 23-0164B**

Well Name Lion Creek 23-0164B	API 05-123-47385-__	License #	Excalibur ID 20240	Operator HighPoint Resources	Government Authority Fee
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,411.20	Ground Elevation (ft) 5,391.20	KB-Ground Distance (ft) 20.00	Regulatory Drilling Spud Date 8/1/2018 06:00	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 23 T11N R64W	North/South Distance (ft) 300.0	North/South Reference FNL	East/West Distance (ft) 1,320.0	East/West Reference FWL	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 45.922" N	Longitude (°) 104° 31' 2.348" W	Basin DJ Basin	Field Name Hereford	County Weld	State/Province Colorado

**9/20/2018 06:00 - 9/21/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 9/21/2018
<b>Operations @ 6:00 AM:</b> Secure well	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> MI RU Run Tieback land and secure well	<b>Diesel Used (gal):</b>
<b>Daily Cost Total (Cost):</b> 109,970.00	<b>Cum Cost To Date (Cost):</b> 1,258,958.61
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 18.0

**9/21/2018 06:00 - 9/22/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 9/22/2018
<b>Operations @ 6:00 AM:</b> RIH to perf and log out stage 1	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> RU HES and Patriot wireline. Acidize toe.	<b>Diesel Used (gal):</b>
<b>Daily Cost Total (Cost):</b> 7,056.00	<b>Cum Cost To Date (Cost):</b> 1,266,014.61
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 19.0

**9/22/2018 06:00 - 9/23/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 9/23/2018
<b>Operations @ 6:00 AM:</b> Currently RIH to perf stage 3	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> Frac stages - 1-2 Perf stages - 1-2	<b>Diesel Used (gal):</b> 823
<b>Daily Cost Total (Cost):</b> 19,073.00	<b>Cum Cost To Date (Cost):</b> 1,285,087.61
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 20.0

**9/23/2018 06:00 - 9/24/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 9/24/2018
<b>Operations @ 6:00 AM:</b> Currently Frac Stage 7	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> Frac stages - 3-6 Perf stages - 3-7	<b>Diesel Used (gal):</b> 2131
<b>Daily Cost Total (Cost):</b> 39,162.00	<b>Cum Cost To Date (Cost):</b> 1,324,249.61
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 21.0

**9/24/2018 06:00 - 9/25/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 9/25/2018
<b>Operations @ 6:00 AM:</b> Standby to perf stage 13	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> Frac stages - 7-12 Perf stages - 8-12	<b>Diesel Used (gal):</b> 2777
<b>Daily Cost Total (Cost):</b> 45,610.00	<b>Cum Cost To Date (Cost):</b> 1,369,859.61
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 22.0

**9/25/2018 06:00 - 9/26/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 9/26/2018
<b>Operations @ 6:00 AM:</b> Perforating stage 18	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> Frac stages - 13-17 Perf stages - 13-17	<b>Diesel Used (gal):</b> 2890
<b>Daily Cost Total (Cost):</b> 38,263.00	<b>Cum Cost To Date (Cost):</b> 1,408,122.61
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 23.0



# Well History

**Well Name: Lion Creek 23-0164B**

Well Name Lion Creek 23-0164B	API 05-123-47385-__	License #	Excalibur ID 20240	Operator HighPoint Resources	Government Authority Fee
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,411.20	Ground Elevation (ft) 5,391.20	KB-Ground Distance (ft) 20.00	Regulatory Drilling Spud Date 8/1/2018 06:00	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 23 T11N R64W	North/South Distance (ft) 300.0	North/South Reference FNL	East/West Distance (ft) 1,320.0	East/West Reference FWL	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 45.922" N	Longitude (°) 104° 31' 2.348" W	Basin DJ Basin	Field Name Hereford	County Weld	State/Province Colorado

<b>9/26/2018 06:00 - 9/27/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2561		
<b>License #:</b>	<b>Report End Date:</b> 9/27/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Standby to frac stage 24					
<b>24 Hour Summary:</b> Frac stages - 18-23 Perf stages - 18-24					
<b>Daily Cost Total (Cost):</b> 49,706.00			<b>Cum Cost To Date (Cost):</b> 1,457,828.61		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 24.0		
<b>9/27/2018 06:00 - 9/28/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 1784		
<b>License #:</b>	<b>Report End Date:</b> 9/28/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Standby to Perf zone 31					
<b>24 Hour Summary:</b> Frac stages - 24-30 Perf stages - 25-30					
<b>Daily Cost Total (Cost):</b> 48,263.00			<b>Cum Cost To Date (Cost):</b> 1,506,091.61		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 25.0		
<b>9/28/2018 06:00 - 9/29/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2990		
<b>License #:</b>	<b>Report End Date:</b> 9/29/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Prepare to inject into zone 35					
<b>24 Hour Summary:</b> Frac stages - 31-35 Perf stages - 31-35					
<b>Daily Cost Total (Cost):</b> 38,650.00			<b>Cum Cost To Date (Cost):</b> 1,544,741.61		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 26.0		
<b>9/29/2018 06:00 - 9/30/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2444		
<b>License #:</b>	<b>Report End Date:</b> 9/30/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Stuck in well with WL on zone 38					
<b>24 Hour Summary:</b> Frac stages - 36-37 Perf stages - 36-37					
<b>Daily Cost Total (Cost):</b> 23,029.00			<b>Cum Cost To Date (Cost):</b> 1,567,770.61		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 27.0		
<b>9/30/2018 06:00 - 10/1/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2877		
<b>License #:</b>	<b>Report End Date:</b> 10/1/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Wait on Instruction from management					
<b>24 Hour Summary:</b> Frac stages - none Perf stages - 38					
<b>Daily Cost Total (Cost):</b> 10,633.00			<b>Cum Cost To Date (Cost):</b> 1,578,403.61		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 28.0		
<b>10/1/2018 06:00 - 10/2/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2367		
<b>License #:</b>	<b>Report End Date:</b> 10/2/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Standby to perf stage 44					
<b>24 Hour Summary:</b> Frac stages - 38-43 Perf stages - 39-43					
<b>Daily Cost Total (Cost):</b> 87,361.80			<b>Cum Cost To Date (Cost):</b> 1,665,765.41		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 29.0		



# Well History

**Well Name: Lion Creek 23-0164B**

Well Name Lion Creek 23-0164B	API 05-123-47385-__	License #	Excalibur ID 20240	Operator HighPoint Resources	Government Authority Fee
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,411.20	Ground Elevation (ft) 5,391.20	KB-Ground Distance (ft) 20.00	Regulatory Drilling Spud Date 8/1/2018 06:00	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 23 T11N R64W	North/South Distance (ft) 300.0	North/South Reference FNL	East/West Distance (ft) 1,320.0	East/West Reference FWL	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 45.922" N	Longitude (°) 104° 31' 2.348" W	Basin DJ Basin	Field Name Hereford	County Weld	State/Province Colorado

<b>10/2/2018 06:00 - 10/3/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2352		
<b>License #:</b>	<b>Report End Date:</b> 10/3/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Frac stage 44					
<b>24 Hour Summary:</b> Frac stages - none Perf stages - 44					
<b>Daily Cost Total (Cost):</b> 9,662.00			<b>Cum Cost To Date (Cost):</b> 1,675,427.41		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 30.0		
<b>10/3/2018 06:00 - 10/4/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2410		
<b>License #:</b>	<b>Report End Date:</b> 10/4/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Flowback					
<b>24 Hour Summary:</b> Frac stages - 44-49 Perf stages - 45-49					
<b>Daily Cost Total (Cost):</b> 40,687.00			<b>Cum Cost To Date (Cost):</b> 1,716,114.41		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 31.0		
<b>10/4/2018 06:00 - 10/5/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2396		
<b>License #:</b>	<b>Report End Date:</b> 10/5/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Perforate zone 55					
<b>24 Hour Summary:</b> Frac stages - 50-54 Perf stages - 50-54					
<b>Daily Cost Total (Cost):</b> 37,905.00			<b>Cum Cost To Date (Cost):</b> 1,754,019.41		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 32.0		
<b>10/5/2018 06:00 - 10/6/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 3128		
<b>License #:</b>	<b>Report End Date:</b> 10/6/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Perf stage 62					
<b>24 Hour Summary:</b> Frac stages - 55-61 Perf stages - 55-61					
<b>Daily Cost Total (Cost):</b> 63,751.00			<b>Cum Cost To Date (Cost):</b> 1,817,770.41		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 33.0		
<b>10/6/2018 06:00 - 10/7/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 1839		
<b>License #:</b>	<b>Report End Date:</b> 10/7/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Frac zone 69					
<b>24 Hour Summary:</b> Frac stages - 62-68 Perf stages - 62-69					
<b>Daily Cost Total (Cost):</b> 59,987.90			<b>Cum Cost To Date (Cost):</b> 1,877,758.31		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 34.0		
<b>10/7/2018 06:00 - 10/8/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 3234		
<b>License #:</b>	<b>Report End Date:</b> 10/8/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Standby to Frac zone 75					
<b>24 Hour Summary:</b> Frac stages - 69-74 Perf stages - 70-75					
<b>Daily Cost Total (Cost):</b> 48,589.00			<b>Cum Cost To Date (Cost):</b> 1,926,347.31		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 35.0		



# Well History

**Well Name: Lion Creek 23-0164B**

Well Name Lion Creek 23-0164B	API 05-123-47385-	License #	Excalibur ID 20240	Operator HighPoint Resources	Government Authority Fee
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,411.20	Ground Elevation (ft) 5,391.20	KB-Ground Distance (ft) 20.00	Regulatory Drilling Spud Date 8/1/2018 06:00	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 23 T11N R64W	North/South Distance (ft) 300.0	North/South Reference FNL	East/West Distance (ft) 1,320.0	East/West Reference FWL	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 45.922" N	Longitude (°) 104° 31' 2.348" W	Basin DJ Basin	Field Name Hereford	County Weld	State/Province Colorado

<b>10/8/2018 06:00 - 10/9/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 3220		
<b>License #:</b>	<b>Report End Date:</b> 10/9/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Perf stage 80					
<b>24 Hour Summary:</b> Frac stages - 75-79 Perf stages - 76-79					
<b>Daily Cost Total (Cost):</b> 39,217.00			<b>Cum Cost To Date (Cost):</b> 1,965,564.31		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 36.0		
<b>10/9/2018 06:00 - 10/10/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2878		
<b>License #:</b>	<b>Report End Date:</b> 10/10/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Well Shut in.					
<b>24 Hour Summary:</b> Frac stages - 80-83 Perf stages - 80-83 Set Kill Plug					
<b>Daily Cost Total (Cost):</b> 40,824.00			<b>Cum Cost To Date (Cost):</b> 2,006,388.31		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 37.0		
<b>10/10/2018 06:00 - 10/11/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 2382		
<b>License #:</b>	<b>Report End Date:</b> 10/11/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Well shut in and secured					
<b>24 Hour Summary:</b> Well Shut in.					
<b>Daily Cost Total (Cost):</b> 2,394,011.22			<b>Cum Cost To Date (Cost):</b> 4,400,399.53		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 38.0		
<b>10/11/2018 06:00 - 10/12/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b> 1364		
<b>License #:</b>	<b>Report End Date:</b> 10/12/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Well shut in and secured					
<b>24 Hour Summary:</b> Well Shut in.					
<b>Daily Cost Total (Cost):</b> 5,689.00			<b>Cum Cost To Date (Cost):</b> 4,406,088.53		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 39.0		
<b>11/27/2018 06:00 - 11/28/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b>		
<b>License #:</b>	<b>Report End Date:</b> 11/28/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> WSI					
<b>24 Hour Summary:</b> MIRU Ensign WOR 350					
<b>Daily Cost Total (Cost):</b> 33,874.00			<b>Cum Cost To Date (Cost):</b> 4,439,962.53		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 86.0		
<b>11/28/2018 06:00 - 11/29/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b>		
<b>License #:</b>	<b>Report End Date:</b> 11/29/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> Rig up Ensign Rig 350 and support equipment.					
<b>24 Hour Summary:</b> MIRU Rig. PU DO BHA. RIH. DO CFP's 1 - 35					
<b>Daily Cost Total (Cost):</b> 34,466.00			<b>Cum Cost To Date (Cost):</b> 4,474,428.53		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 87.0		
<b>11/29/2018 06:00 - 11/30/2018 06:00</b>					
<b>Job Category:</b> D & C		<b>Primary Job Type:</b> Drilling & Completion			
<b>State/Province:</b> Colorado	<b>County:</b> Weld	<b>Wave Conditions:</b>	<b>Diesel Used (gal):</b>		
<b>License #:</b>	<b>Report End Date:</b> 11/30/2018	<b>Well Status:</b>			
<b>Operations @ 6:00 AM:</b> DO CFP's					
<b>24 Hour Summary:</b> DO CFP's 36-83					
<b>Daily Cost Total (Cost):</b> 32,157.00			<b>Cum Cost To Date (Cost):</b> 4,506,585.53		
<b>Most Likely Duration (no plan change) (days):</b>			<b>Job Day (days):</b> 88.0		



# Well History

**Well Name: Lion Creek 23-0164B**

Well Name Lion Creek 23-0164B	API 05-123-47385-__	License #	Excalibur ID 20240	Operator HighPoint Resources	Government Authority Fee
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,411.20	Ground Elevation (ft) 5,391.20	KB-Ground Distance (ft) 20.00	Regulatory Drilling Spud Date 8/1/2018 06:00	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 23 T11N R64W	North/South Distance (ft) 300.0	North/South Reference FNL	East/West Distance (ft) 1,320.0	East/West Reference FWL	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 45.922" N	Longitude (°) 104° 31' 2.348" W	Basin DJ Basin	Field Name Hereford	County Weld	State/Province Colorado

**11/30/2018 06:00 - 12/1/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 12/1/2018
<b>Operations @ 6:00 AM:</b> Circulate	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> LD workstring. Release Tieback.	<b>Diesel Used (gal):</b>
<b>Daily Cost Total (Cost):</b> 52,148.00	<b>Cum Cost To Date (Cost):</b> 4,558,733.53
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 89.0

**12/1/2018 06:00 - 12/2/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 12/2/2018
<b>Operations @ 6:00 AM:</b> WSI to monitor balance.	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> LD Tieback. RIH w/ Production Packer.	<b>Diesel Used (gal):</b>
<b>Daily Cost Total (Cost):</b> 37,516.00	<b>Cum Cost To Date (Cost):</b> 4,596,249.53
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 90.0

**12/2/2018 06:00 - 12/3/2018 06:00**

<b>Job Category:</b> D & C	<b>Primary Job Type:</b> Drilling & Completion
<b>State/Province:</b> Colorado	<b>County:</b> Weld
<b>License #:</b>	<b>Report End Date:</b> 12/3/2018
<b>Operations @ 6:00 AM:</b> Evacuate kill fluid.	<b>Wave Conditions:</b>
<b>24 Hour Summary:</b> Evacuate kill fluid. TOOH. TIH installing GLV's. Land well. RDMO Ensign rig 350.	<b>Diesel Used (gal):</b>
<b>Daily Cost Total (Cost):</b> 99,043.50	<b>Cum Cost To Date (Cost):</b> 4,695,293.03
<b>Most Likely Duration (no plan change) (days):</b>	<b>Job Day (days):</b> 91.0