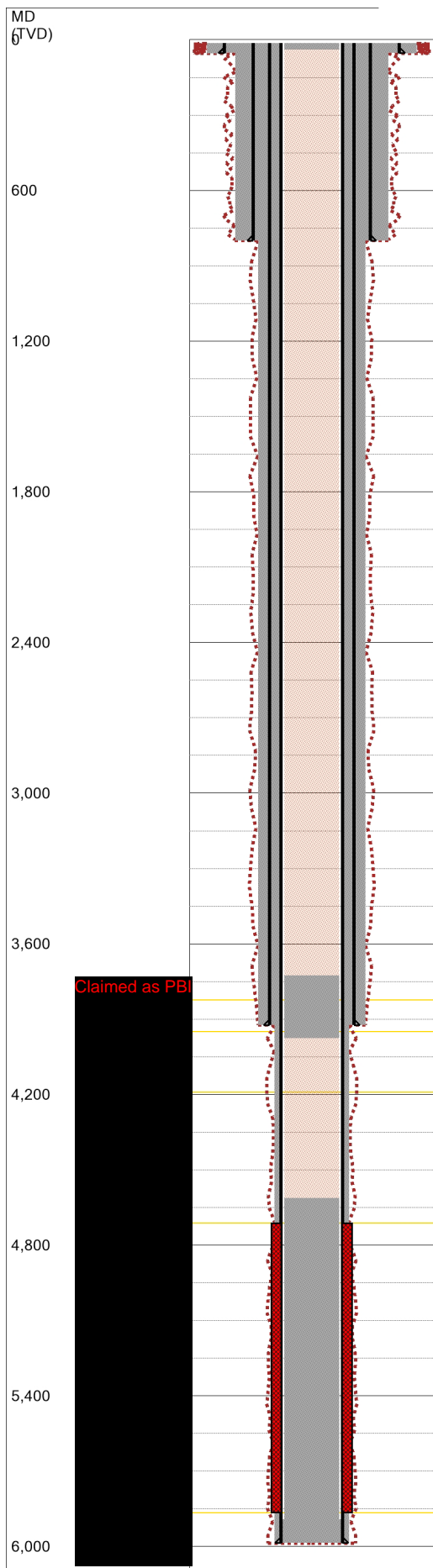


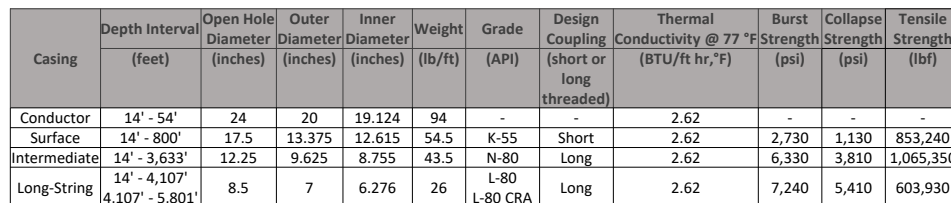
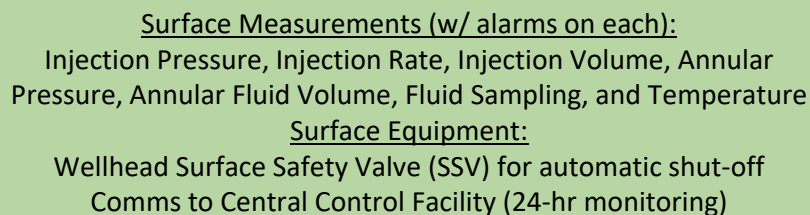
Figure 1. Claimed as PBI Proposed CO₂ Injection Schematic

Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.



Well	Claimed as PBI			
Plugs	Plug 1	Plug 2	Plug 3	Plug 4
Hole Size (in.)	6.276	6.276	6.276	6.276
Bottom of tubing (ft)	5,892	3,975	3,850	39
Cement Volume (sacks)	239	23	23	10
Slurry Volume (bbl)	48.95	4.71	4.71	2.05
Slurry Weight (lb/gal)	15.8	15.8	15.8	15.8
Top of plug (ft)	4,612	3,850	3,725	14
Bottom of Plug (ft)	5,892	3,975	3,850	39
Type of Cement	Class G	Class G	Class G	Class G
Method of placement	Balanced Plug, Retainer, or CT Plug			

Figure 2. Claimed as PBI Proposed Abandonment Schematic



	Depth Interval	Outer Diameter	Inner Diameter	Weight	Grade	Design Coupling	Burst Strength	Collapse Strength	Tensile Strength
Tubing	(feet)	(inches)	(inches)	(lb/ft)	(API)	(short or long threaded)	(psi)	(psi)	(lb)
4"	4.467'	4	3.476	11	L-80 CRA	Premium	9,170	8,800	246,140

Packer Type and Material	Packer Setting Depth	Length	Nominal Casing Weight	Outer Diameter	Inner diameter
	(feet)	(inches)	(lb/ft)	(inches)	(inches)
Permanent Sealbore Packer CRA	4,437'	30.3	26 - 32	5.875	3.476

Tensile Rating	Burst Rating	Collapse Rating	Max Casing Inner Diameter	Min Casing Inner Diameter
(lbs)	(psi)	(psi)	(inches)	(inches)
200 000	7 500	7 500	6.276	6.095

Cement Bond Log, Casing Inspection Log, Oxygen Activation Log, Noise Log: Along 7" casing to surface

Temperature (DTS) Along wellbore to packer

Temperature (DTS)
@ 3,663'

Monitoring/Dissipation Zone

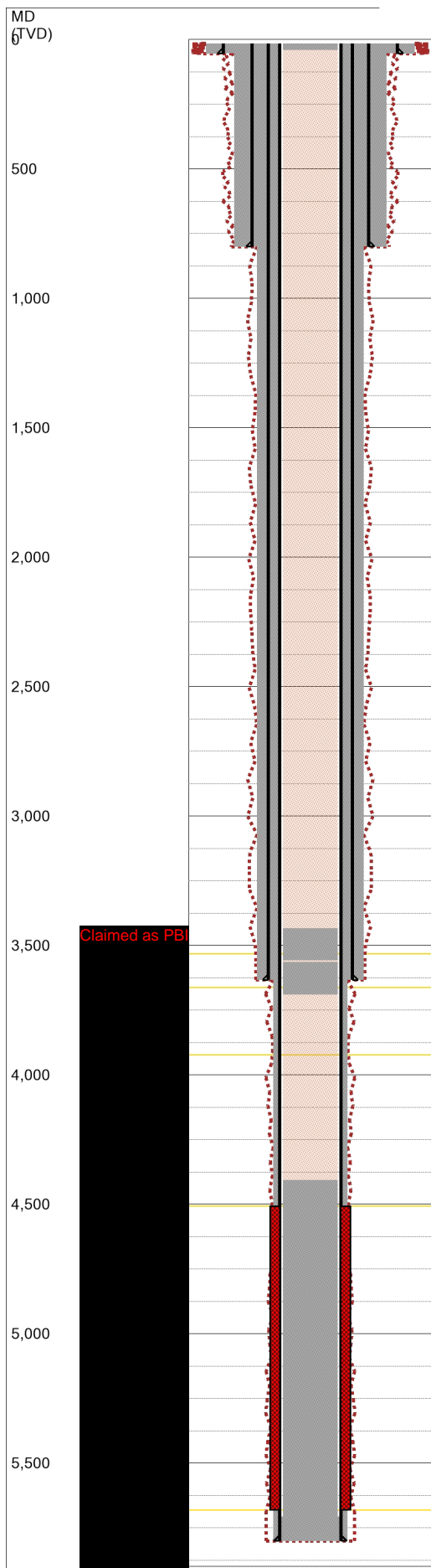
Confining Zone

Temperature Gauge,
Injection Pressure Gauge
@ 4,477'

Injection Zone

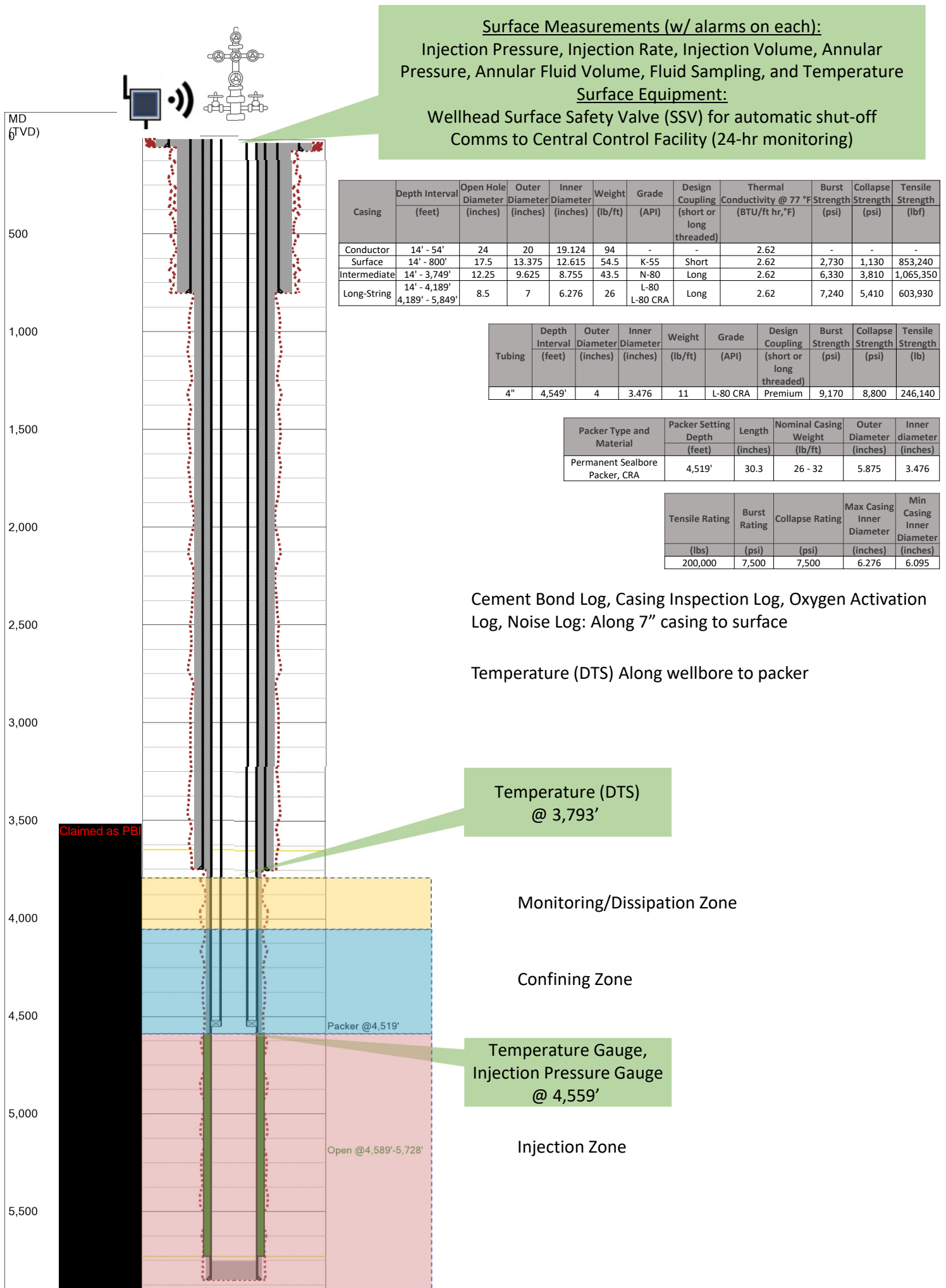
Figure 3. Claimed as PBI, Proposed CO₂ Injection Schematic

Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.



Well	Claimed as PBI			
Plugs	Plug 1	Plug 2	Plug 3	Plug 4
Hole Size (in.)	6.276	6.276	6.276	6.276
Bottom of tubing (ft)	5,707	3,689	3,558	39
Cement Volume (sacks)	243	23	23	10
Slurry Volume (bbl)	49.77	4.71	4.71	2.05
Slurry Weight (lb/gal)	15.8	15.8	15.8	15.8
Top of plug (ft)	4,407	3,564	3,433	14
Bottom of Plug (ft)	5,707	3,689	3,558	39
Type of Cement	Class G	Class G	Class G	Class G
Method of placement	Balanced Plug, Retainer, or CT Plug			

Figure 4. Claimed as PBI Proposed Abandonment Schematic



Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.

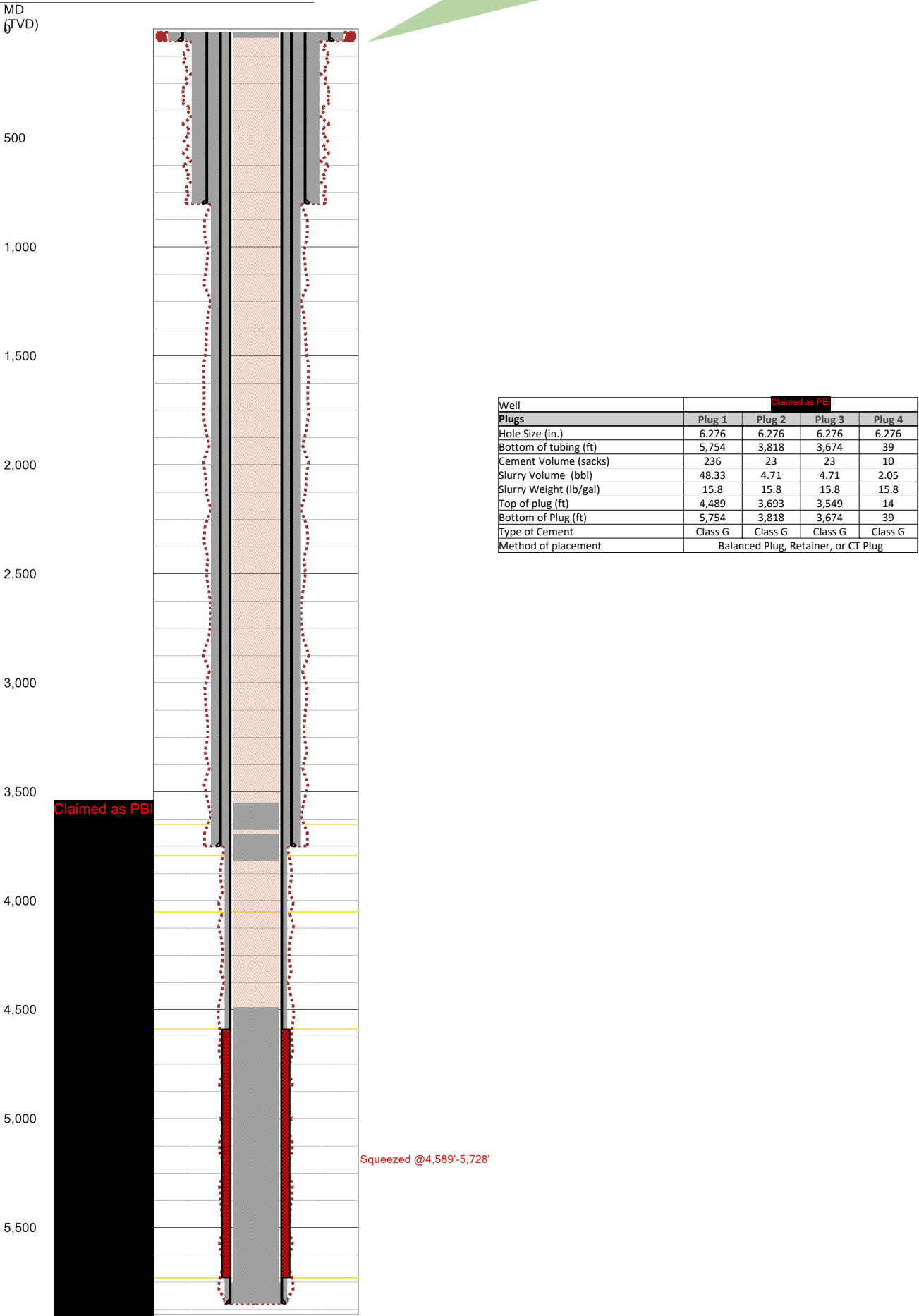
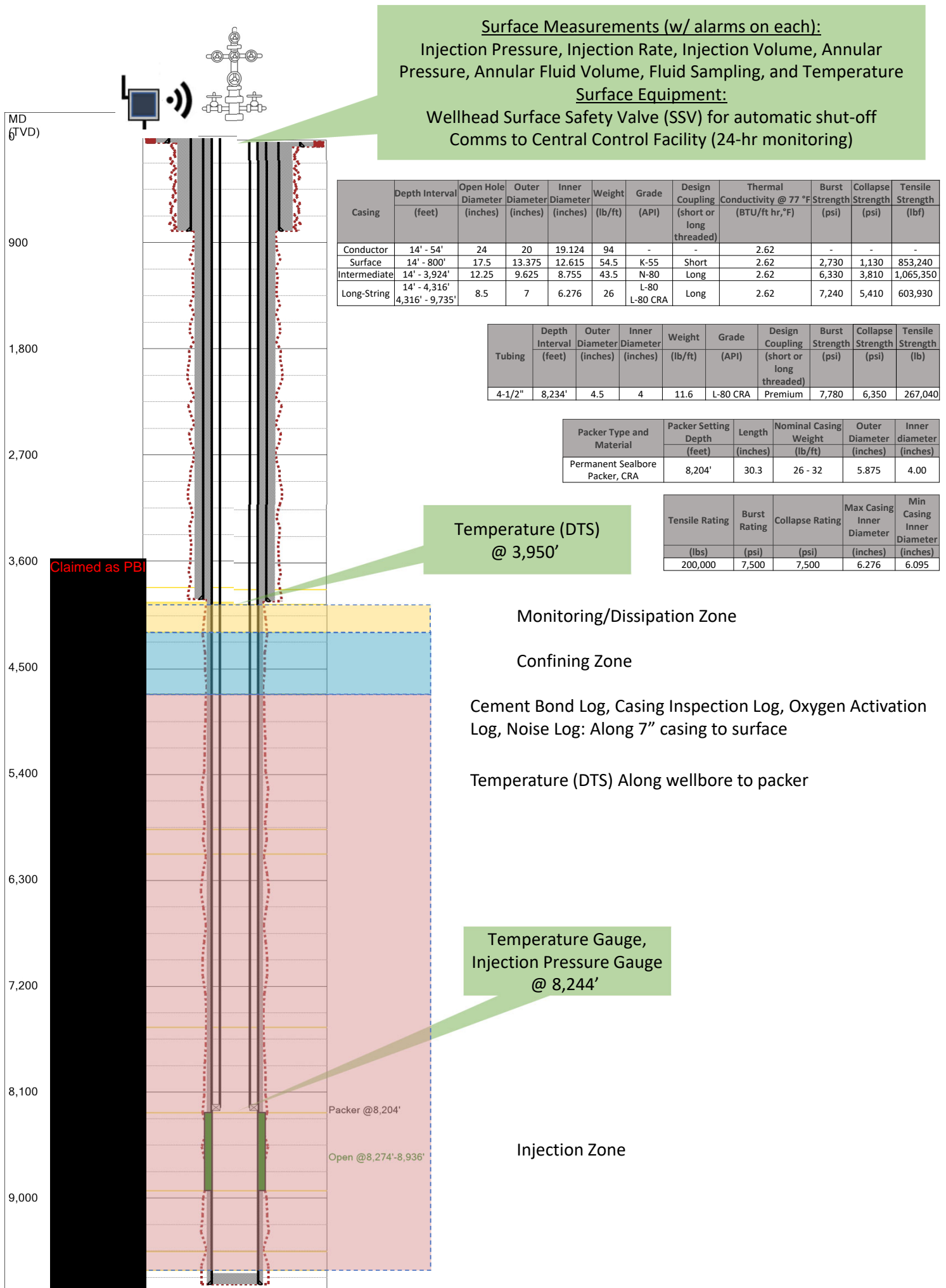


Figure 6. Claimed as PBI Proposed Abandonment Schematic



Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.

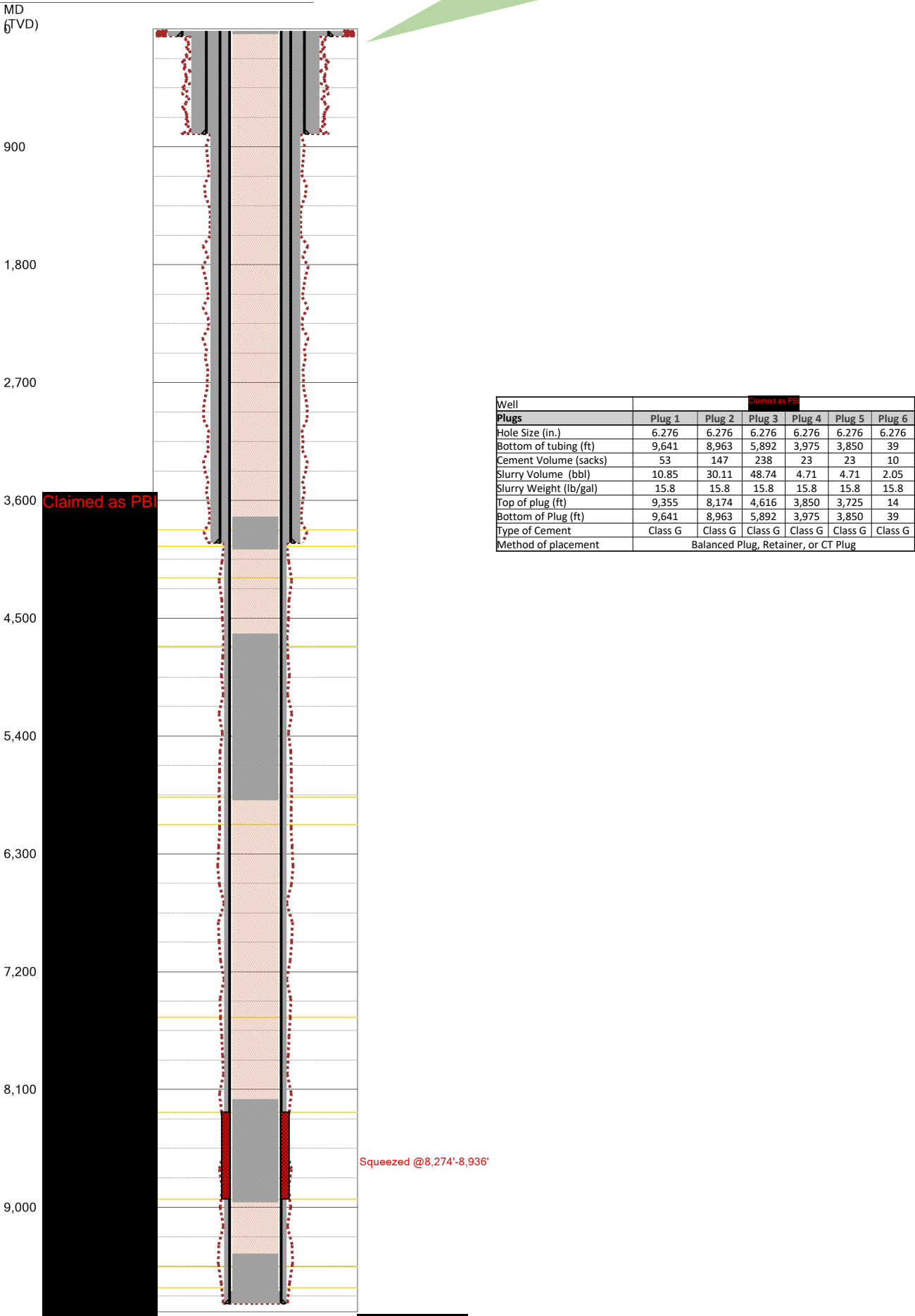
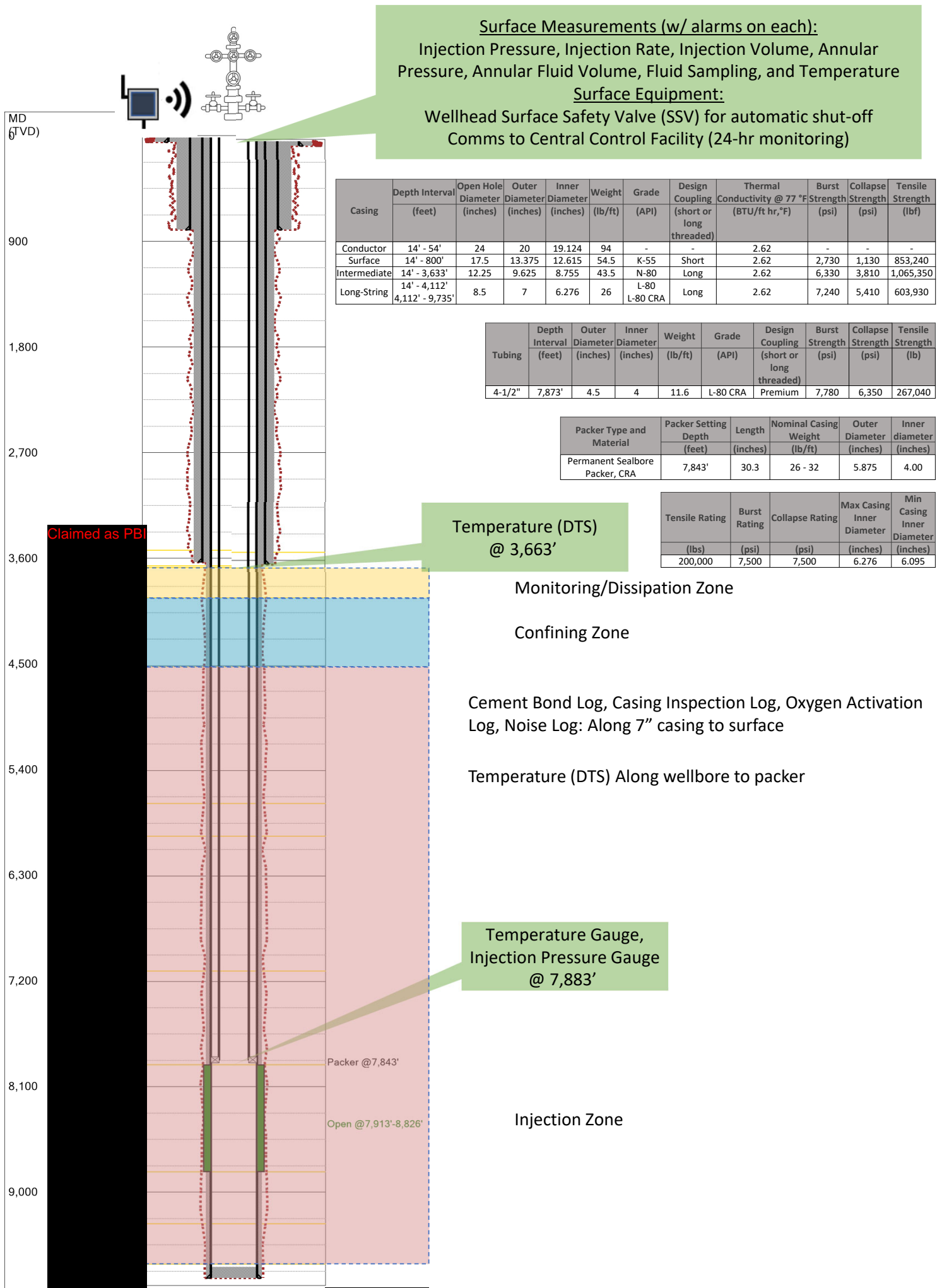
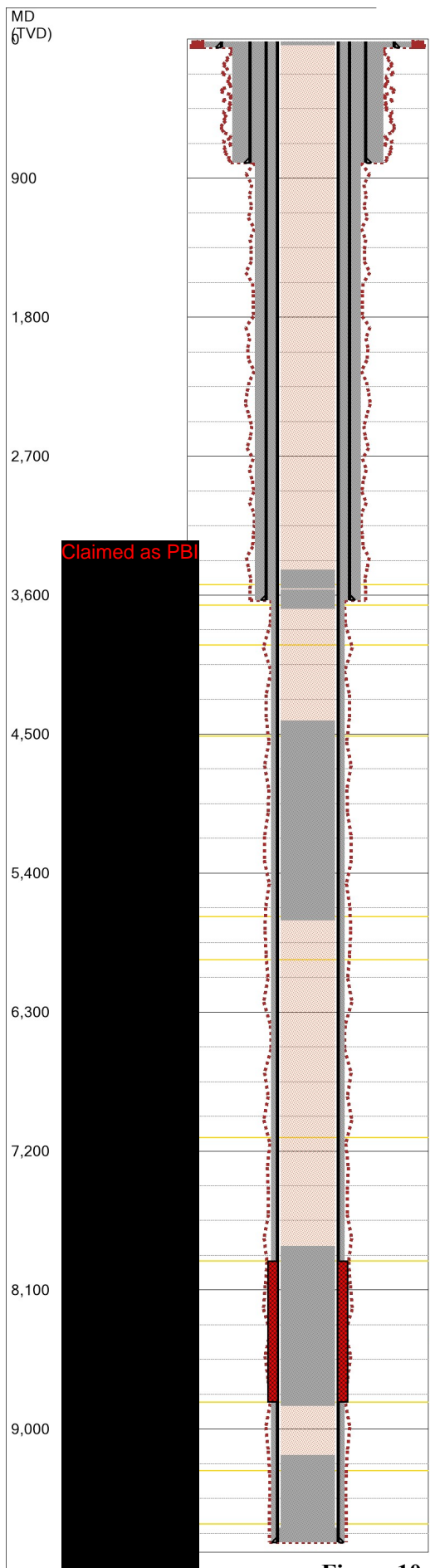


Figure 8. Claimed as PBI, Proposed Abandonment Schematic

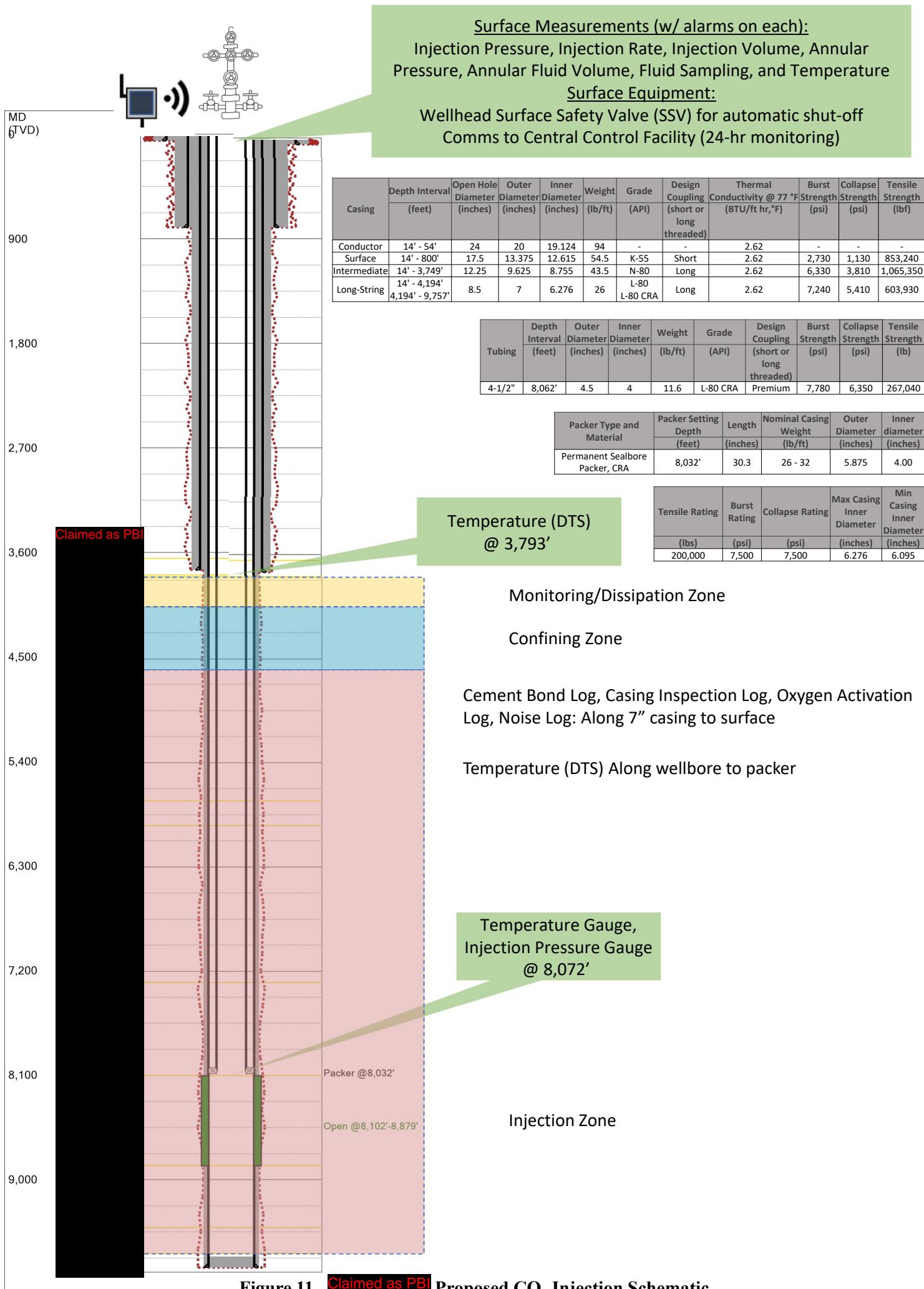


Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.

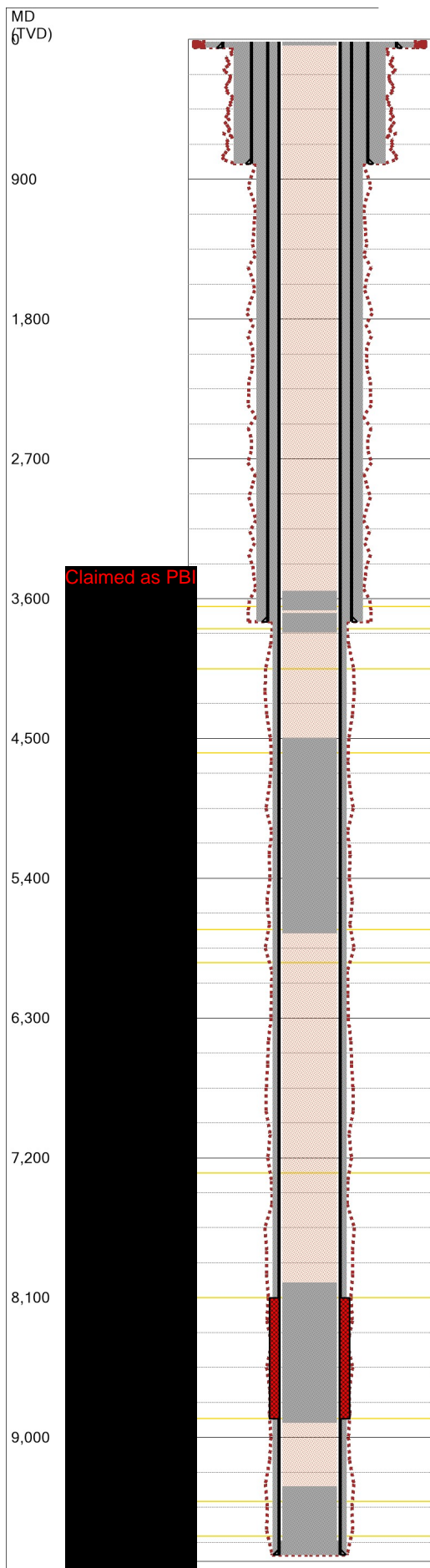


Well	Claimed as PBI					
Plugs	Plug 1	Plug 2	Plug 3	Plug 4	Plug 5	Plug 6
Hole Size (in.)	6.276	6.276	6.276	6.276	6.276	6.276
Bottom of tubing (ft)	9,641	8,852	5,707	3,689	3,558	39
Cement Volume (sacks)	88	194	242	23	23	10
Slurry Volume (bbl)	18.02	39.73	49.56	4.71	4.71	2.05
Slurry Weight (lb/gal)	15.8	15.8	15.8	15.8	15.8	15.8
Top of plug (ft)	9,169	7,813	4,412	3,564	3,433	14
Bottom of Plug (ft)	9,641	8,852	5,707	3,689	3,558	39
Type of Cement	Class G	Class G	Class G	Class G	Class G	Class G
Method of placement	Balanced Plug, Retainer, or CT Plug					

Figure 10. Claimed as PBI Proposed Abandonment Schematic

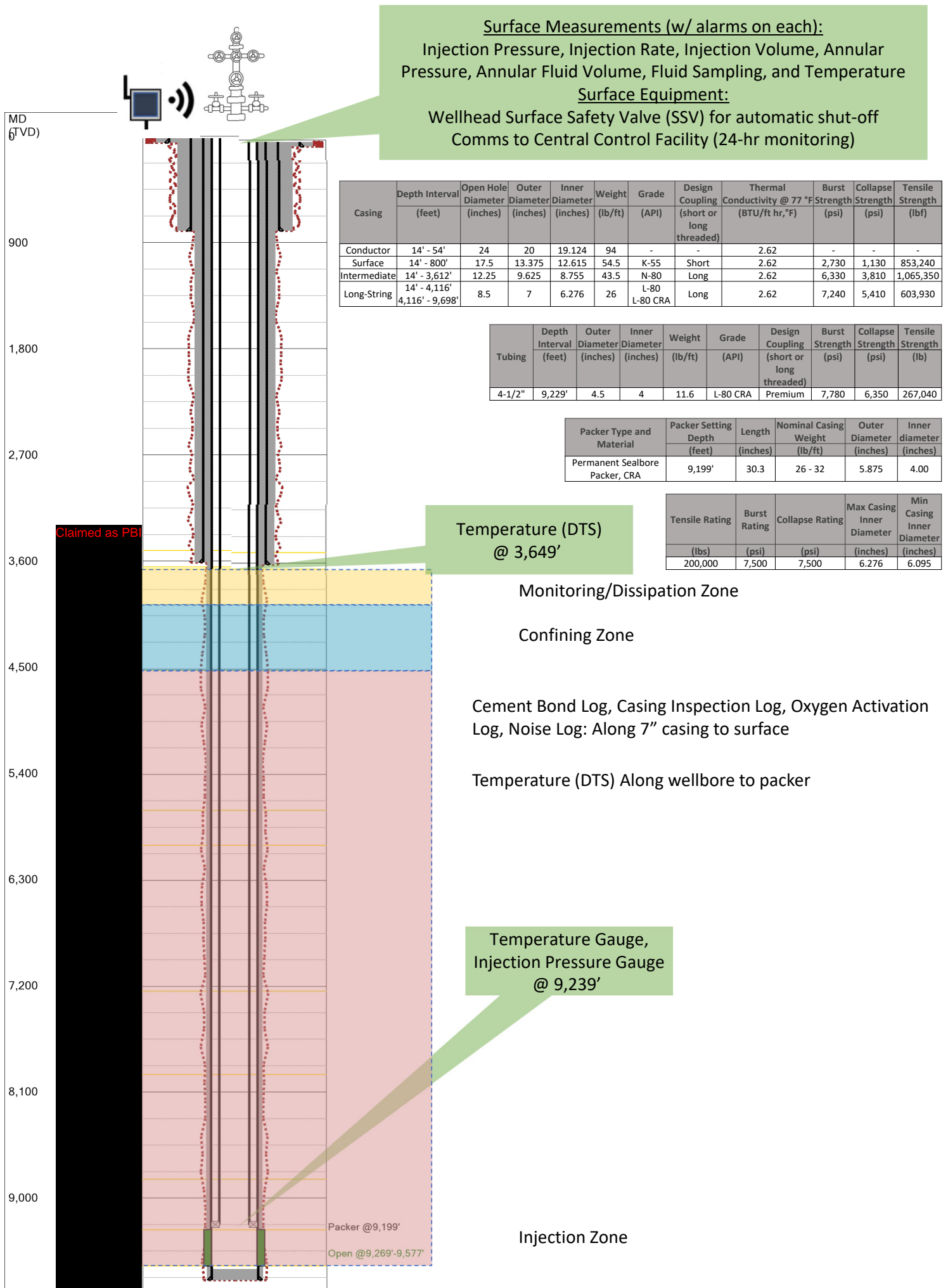


Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.

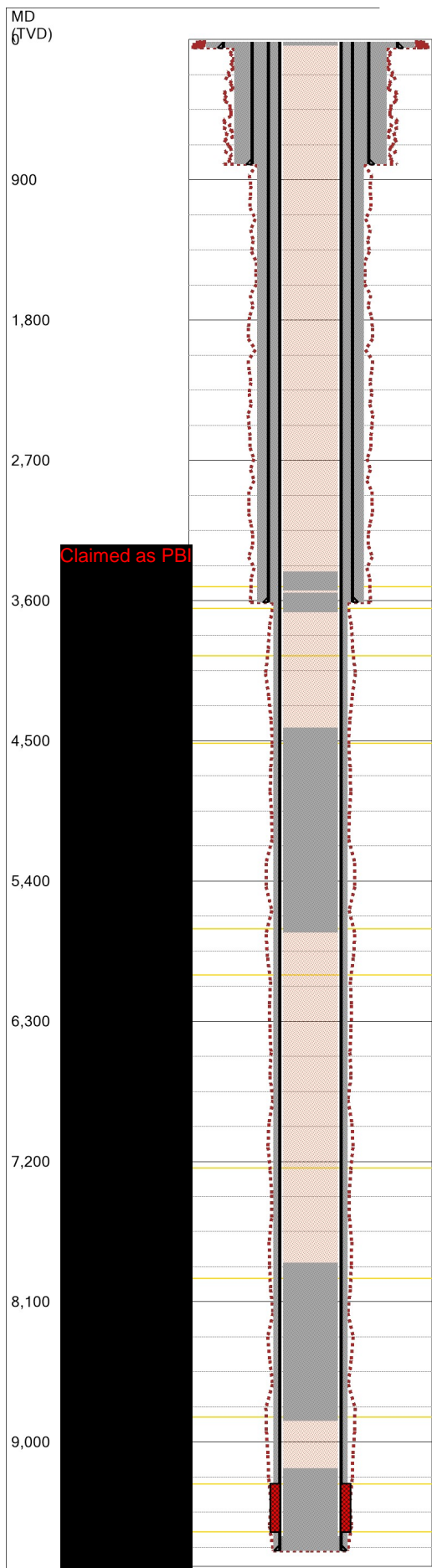


Well	Claimed as PBI					
Plugs	Plug 1	Plug 2	Plug 3	Plug 4	Plug 5	Plug 6
Hole Size (in.)	6.276	6.276	6.276	6.276	6.276	6.276
Bottom of tubing (ft)	9,663	8,905	5,754	3,818	3,674	39
Cement Volume (sacks)	65	169	235	23	23	10
Slurry Volume (bbl)	13.31	34.61	48.13	4.71	4.71	2.05
Slurry Weight (lb/gal)	15.8	15.8	15.8	15.8	15.8	15.8
Top of plug (ft)	9,315	8,002	4,494	3,693	3,549	14
Bottom of Plug (ft)	9,663	8,905	5,754	3,818	3,674	39
Type of Cement	Class G	Class G	Class G	Class G	Class G	Class G
Method of placement	Balanced Plug, Retainer, or CT Plug					

Figure 12. Claimed as PBI Proposed Abandonment Schematic

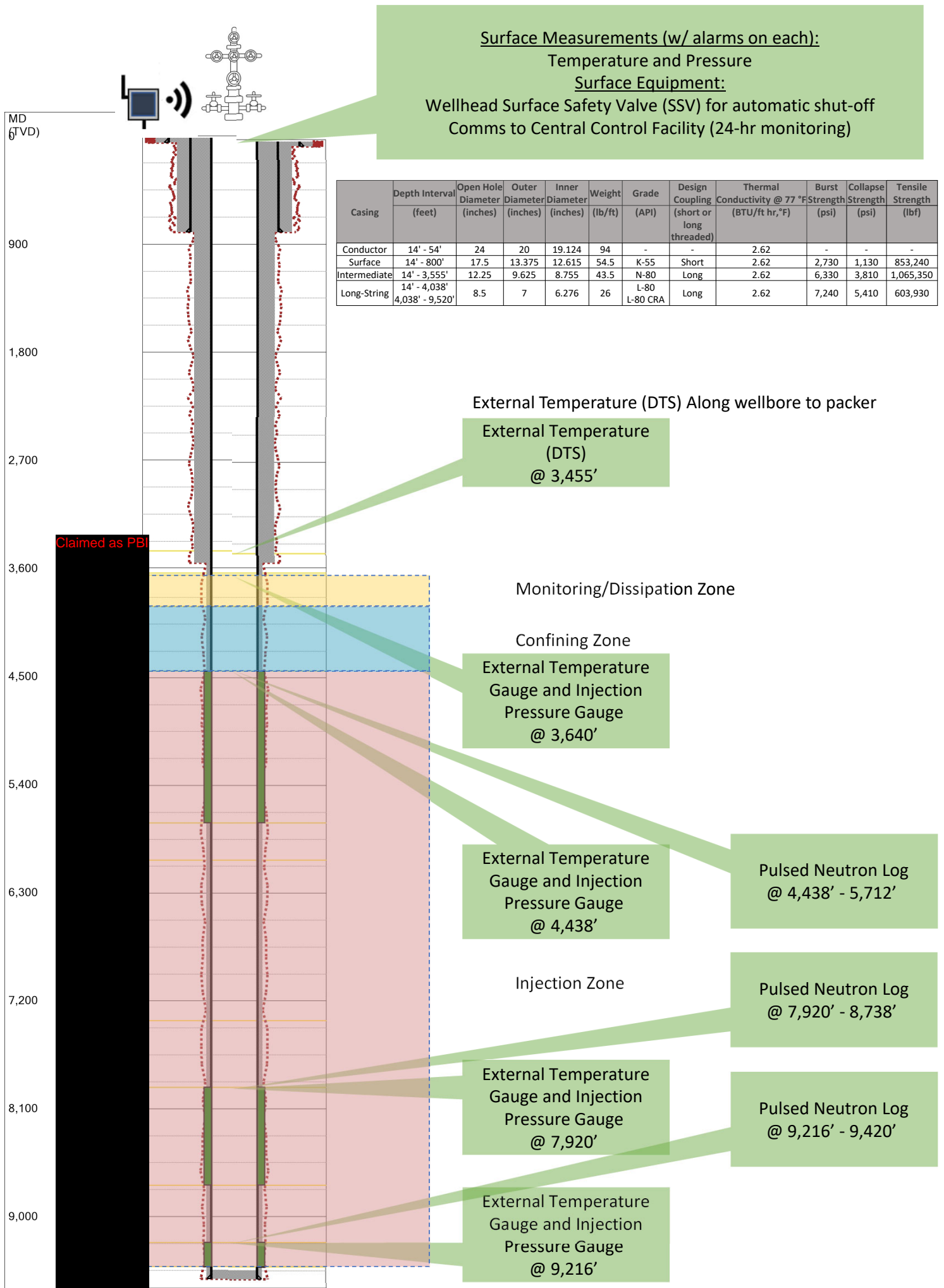


Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.

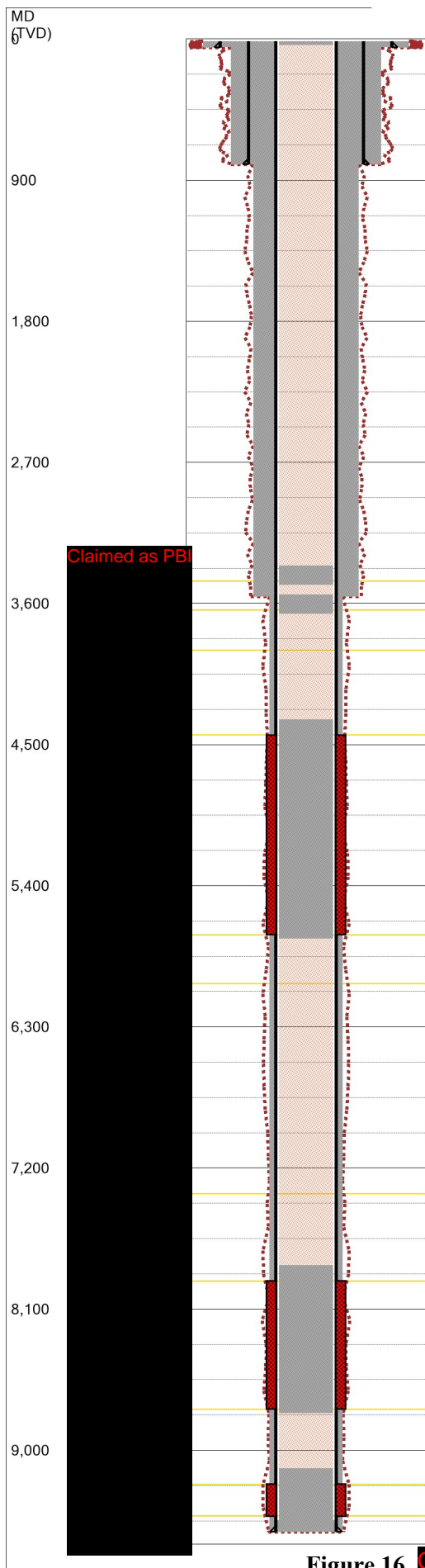


Well	Claimed as PBI					
Plugs	Plug 1	Plug 2	Plug 3	Plug 4	Plug 5	Plug 6
Hole Size (in.)	6.276	6.276	6.276	6.276	6.276	6.276
Bottom of tubing (ft)	9,604	8,865	5,730	3,674	3,537	39
Cement Volume (sacks)	81	190	245	23	23	10
Slurry Volume (bbl)	16.59	38.87	50.28	4.71	4.71	2.05
Slurry Weight (lb/gal)	15.8	15.8	15.8	15.8	15.8	15.8
Top of plug (ft)	9,169	7,849	4,416	3,549	3,412	14
Bottom of Plug (ft)	9,604	8,865	5,730	3,674	3,537	39
Type of Cement	Class G	Class G	Class G	Class G	Class G	Class G
Method of placement	Balanced Plug, Retainer, or CT Plug					

Figure 14. Claimed as PBI Proposed Abandonment Schematic



Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.



Well	Claimed as PBI					
Plugs	Plug 1	Plug 2	Plug 3	Plug 4	Plug 5	Plug 6
Hole Size (in.)	6.276	6.276	6.276	6.276	6.276	6.276
Bottom of tubing (ft)	9,446	8,764	5,738	3,666	3,481	39
Cement Volume (sacks)	62	176	261	23	23	10
Slurry Volume (bbl)	12.7	36.05	53.46	4.71	4.71	2.05
Slurry Weight (lb/gal)	15.8	15.8	15.8	15.8	15.8	15.8
Top of plug (ft)	9,116	7,820	4,339	3,541	3,356	14
Bottom of Plug (ft)	9,446	8,764	5,738	3,666	3,481	39
Type of Cement	Class G	Class G	Class G	Class G	Class G	Class G
Method of placement	Balanced Plug, Retainer, or CT Plug					

Figure 16. Claimed as PBI Proposed Abandonment Schematic

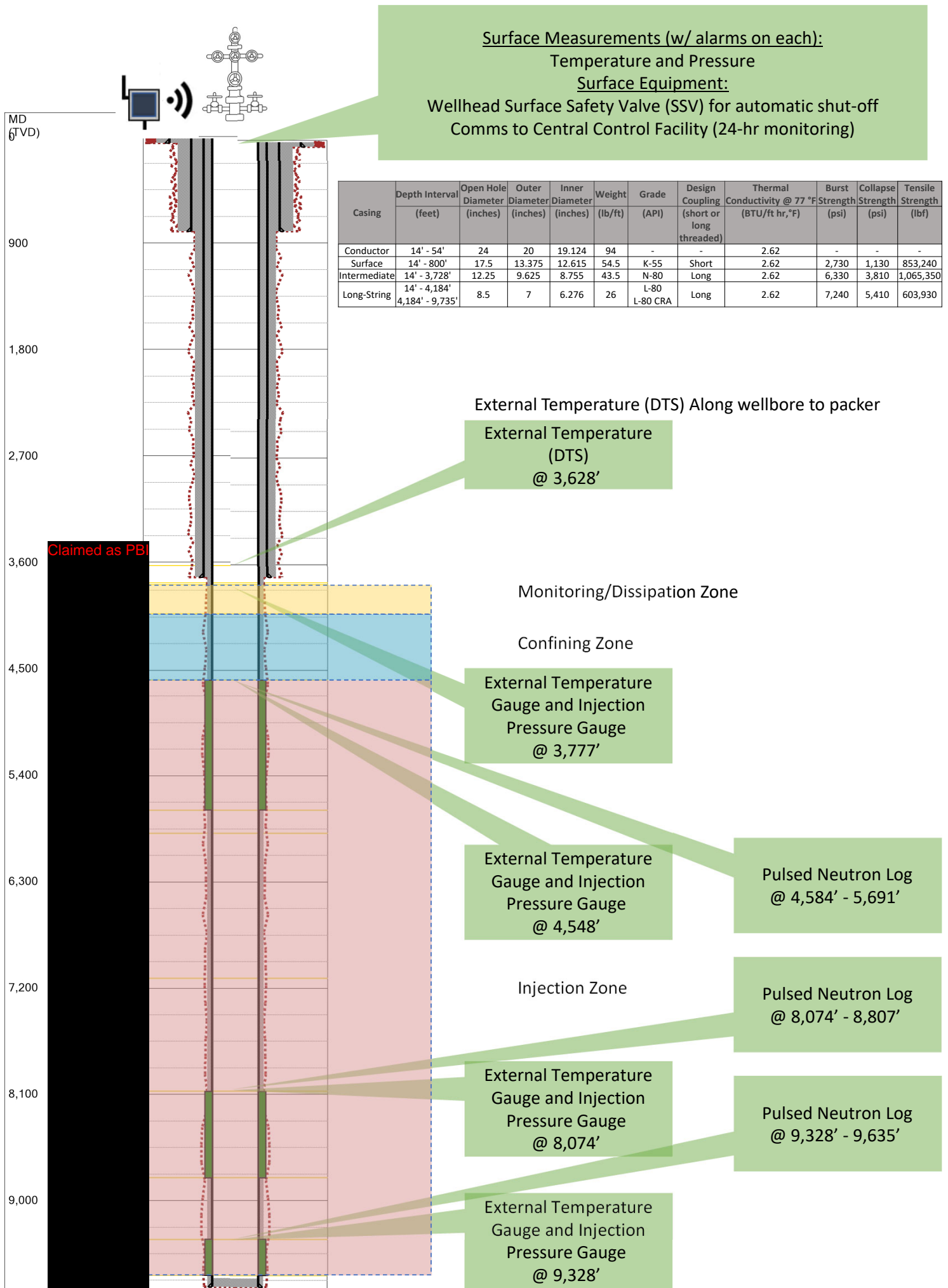
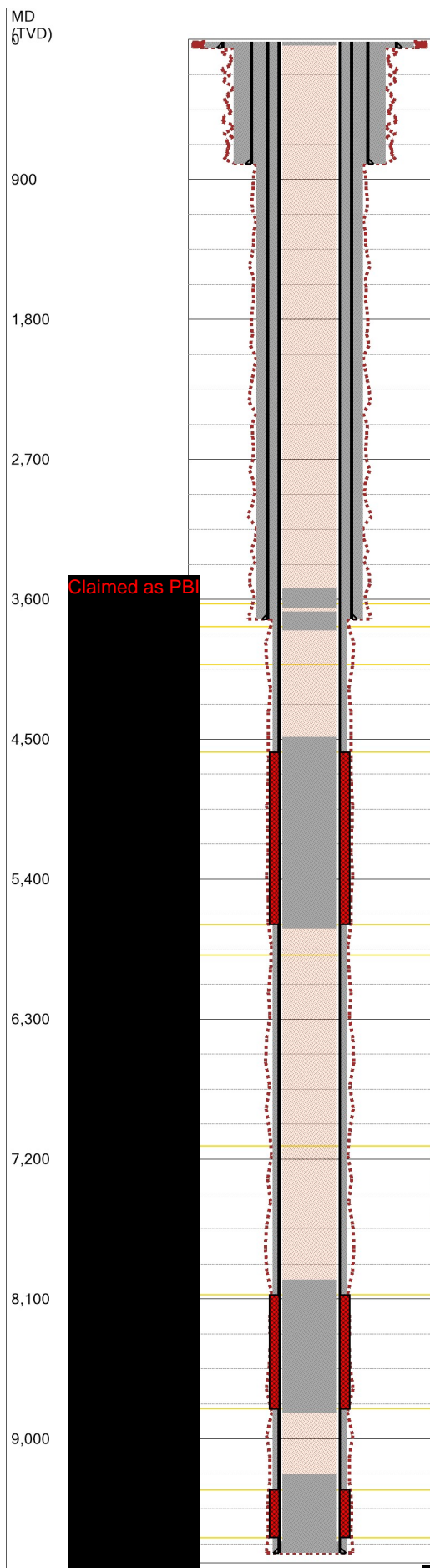


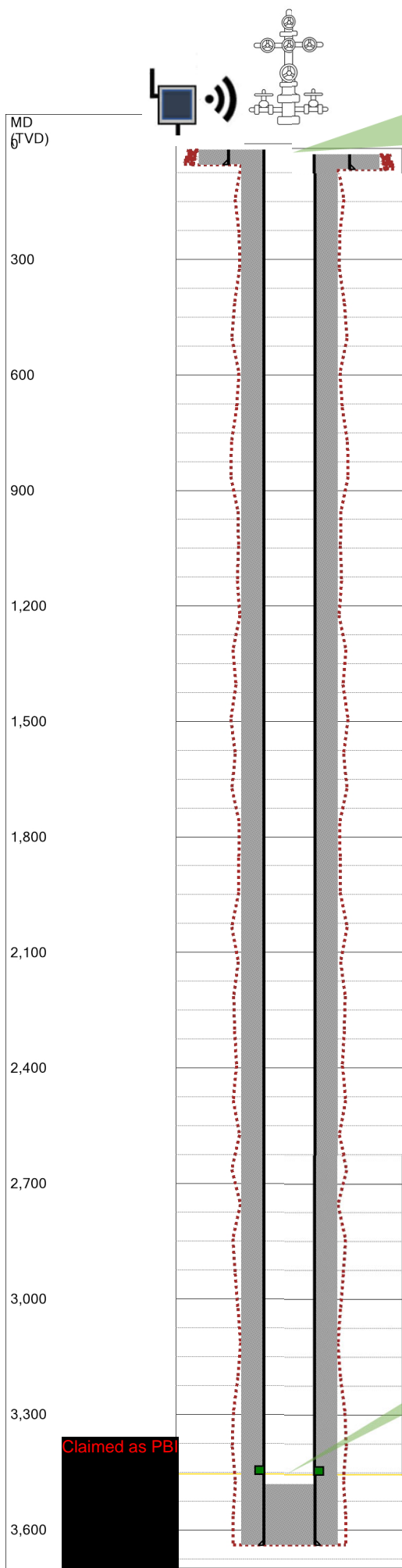
Figure 17. **Claimed as PBI** Proposed Monitoring Schematic

Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.



Well	Claimed as PB					
Plugs	Plug 1	Plug 2	Plug 3	Plug 4	Plug 5	Plug 6
Hole Size (in.)	6.276	6.276	6.276	6.276	6.276	6.276
Bottom of tubing (ft)	9,660	8,832	5,717	3,802	3,653	39
Cement Volume (sacks)	81	160	230	23	23	10
Slurry Volume (bbl)	16.59	32.77	47.11	4.71	4.71	2.05
Slurry Weight (lb/gal)	15.8	15.8	15.8	15.8	15.8	15.8
Top of plug (ft)	9,228	7,975	4,484	3,677	3,528	14
Bottom of Plug (ft)	9,660	8,832	5,717	3,802	3,653	39
Type of Cement	Class G	Class G	Class G	Class G	Class G	Class G
Method of placement	Balanced Plugs					

Figure 18. Claimed as PBI Proposed Abandonment Schematic



Surface Measurements (w/ alarms on each):
 Fluid Sampling
Surface Equipment:
 Wellhead Surface Safety Valve (SSV) for automatic shut-off
 Comms to Central Control Facility (24-hr monitoring)

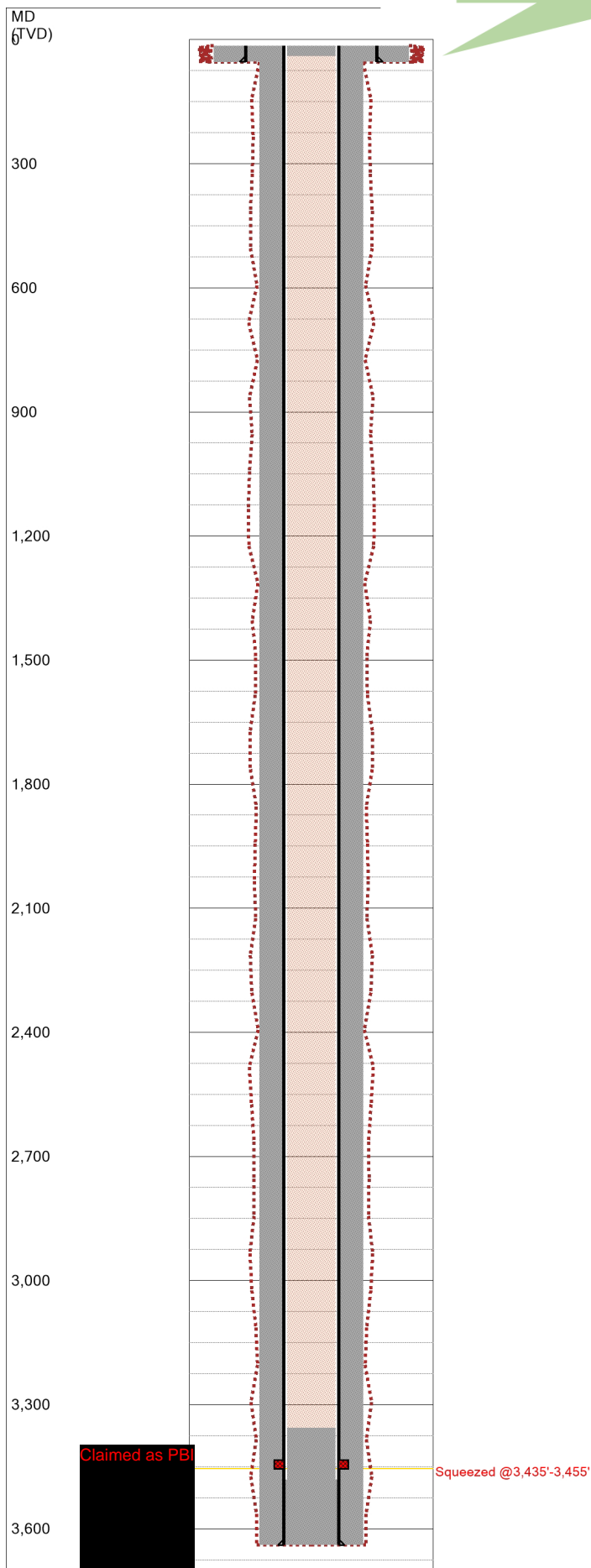
Casing	Depth Interval (feet)	Open Hole Diameter (inches)	Outer Diameter (inches)	Inner Diameter (inches)	Weight (lb/ft)	Grade (API)	Design Coupling (short or long threaded)	Thermal Conductivity @ 77 °F (BTU/ft hr, °F)	Burst Strength (psi)	Collapse Strength (psi)	Tensile Strength (lbf)
Conductor	14' - 54'	16	10.75	10.05	40.5	H-40	-	2.62	2,280	1,420	457,420
Casing	14' - 3,640'	8.5	4.5	4	11.6	J-55	Long	2.62	5,350	4,960	183,590

Temperature Sensor,
 Pressure Gauge, and
 Fluid Sampling
 @ 3,435' - 3,455'

Claimed as PBI

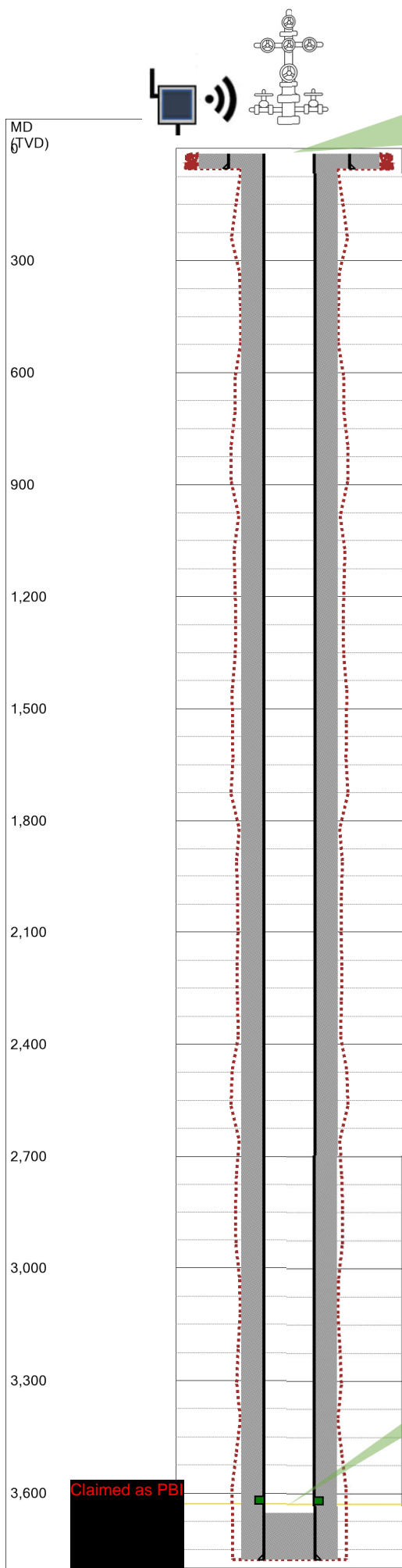
Figure 19. Claimed as PBI Proposed Monitoring Schematic

Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.



Well	Claimed as PBI	
Plugs	Plug 1	Plug 2
Diameter of boring in which plug will be placed (in.)	4	4
Depth to bottom of tubing or drill pipe (ft)	3,481	39
Sacks of Cement to be used (each plug)	9	8
Slurry Volume to be pumped (bbl)	1.84	1.64
Slurry Weight (lb/gal)	15.8	15.8
Calculated top of plug (ft)	3,356	14
Bottom of Plug (ft)	3,481	39
Type of Cement or other material	Portland	
Method of placement (e.g., balance method, retainer method, or two-plug method)	Balanced Plug, Retainer, or CT Plug	

Figure 20. Claimed as PBI Proposed Abandonment Schematic



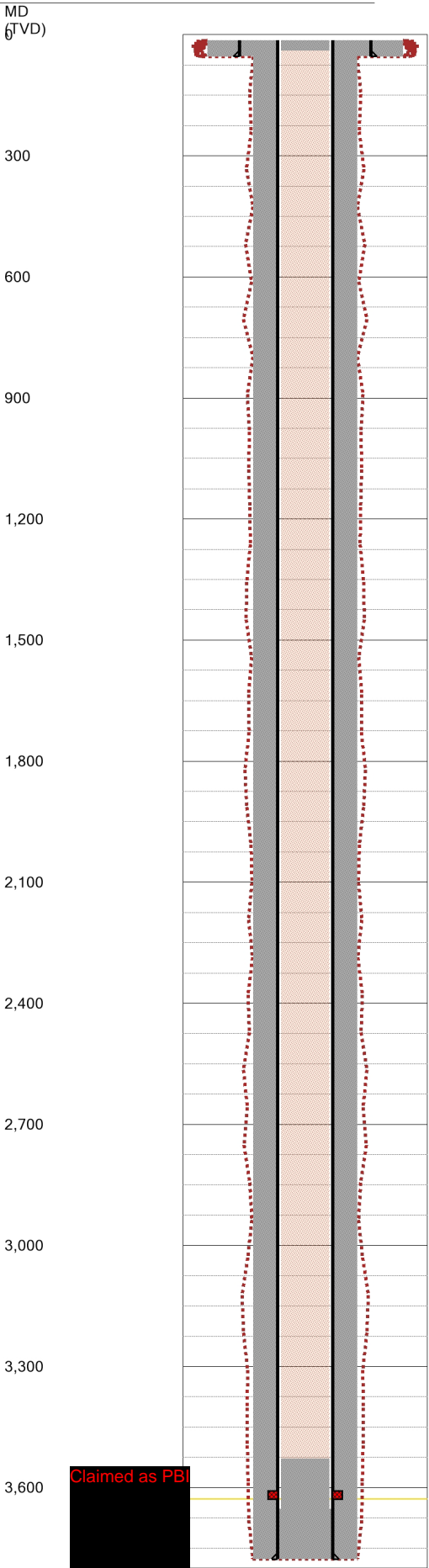
Surface Measurements (w/ alarms on each):
 Fluid Sampling
Surface Equipment:
 Wellhead Surface Safety Valve (SSV) for automatic shut-off
 Comms to Central Control Facility (24-hr monitoring)

Casing	Depth Interval (feet)	Open Hole Diameter (Inches)	Outer Diameter (inches)	Inner Diameter (inches)	Weight (lb/ft)	Grade (API)	Design Coupling (short or long threaded)	Thermal Conductivity @ 77 °F (BTU/ft hr, °F)	Burst Strength (psi)	Collapse Strength (psi)	Tensile Strength (lbf)
Conductor	14' - 54'	16	10.75"	10.05	40.5	H-40	-	2.62	2,280	1,420	457,420
Casing	14' - 3,777'	8.5	4.5"	4	11.6	J-55	Long	2.62	5,350	4,960	183,590

Temperature Sensor,
 Pressure Gauge, and
 Fluid Sampling
 @ 3,608' - 3,628'

Figure 21. Claimed as PBI Proposed Monitoring Schematic

Cut casing 5' below GL. Stamp and weld cap.
Backfill and reclaim surface location.



Well	Claimed as PBI	
Plugs	Plug 1	Plug 2
Diameter of boring in which plug will be placed (in.)	4	4
Depth to bottom of tubing or drill pipe (ft)	3,653	39
Sacks of Cement to be used (each plug)	9	8
Slurry Volume to be pumped (bbl)	1.84	1.64
Slurry Weight (lb/gal)	15.8	15.8
Calculated top of plug (ft)	3,528	14
Bottom of Plug (ft)	3,653	39
Type of Cement or other material	Portland	
Method of placement (e.g., balance method, retainer method, or two-plug method)	Balanced Plug, Retainer, or CT Plug	

Figure 22. Claimed as PBI Proposed Abandonment Schematic