

PUNA GEOTHERMAL VENTURE COMBINED PRODUCTION DATA

DATE	STEAM FLOW (K LB)	BRINE FLOW (K LB)	TOTAL MASS (K LB)	% BRINE	% STEAM	AVG STEAM FLOW (K LB/HR)	AVG BRINE FLOW (K LB/HR)	AVG TOTAL MASS FLOW (K LB/HR)	AVG. NETPOWER (MW)			AVG WELLHEAD TEMP (F)	HRS ON PROD
									MAIN PLANT	BTM UNIT	TOTAL		
11/1/2020	0	0	0	100.0	0.0	0	240	240	0.0	0.0	0.0	568	24
11/2/2020	0	0	0		0.0	0	0	0	0.0	0.0	0.0	458	24
11/3/2020	0	0	0		0.0	0	0	0	0.0	0.0	0.0	458	24
11/4/2020	0	0	0		0.0	0	0	0	0.0	0.0	0.0	460	24
11/5/2020	0	5,763	5,763		0.0	0	240	240	0.0	0.0	0.0	460	24
11/6/2020	333	5,763	6,096	94.5	5.5	14	240	254	0.8	0.0	0.8	482	24
11/7/2020	499	5,650	6,149	91.9	8.1	21	235	256	1.2	0.0	1.2	483	24
11/8/2020	374	5,718	6,092	93.9	6.1	16	238	254	0.9	0.0	0.9	486	24
11/9/2020	374	5,777	6,151	93.9	6.1	16	241	256	0.9	0.0	0.9	488	24
11/10/2020	374	5,837	6,211	94.0	6.0	16	243	259	0.9	0.0	0.9	488	24
11/11/2020	499	5,876	6,375	92.2	7.8	21	245	266	1.2	0.0	1.2	492	24
11/12/2020	541	5,989	6,530	91.7	8.3	23	250	272	1.3	0.0	1.3	493	24
11/13/2020	541	5,989	6,530	91.7	8.3	23	250	272	1.3	0.0	1.3	495	24
11/14/2020	707	5,889	6,596	89.3	10.7	29	245	275	1.7	0.0	1.7	495	24
11/15/2020	707	5,834	6,541	89.2	10.8	29	243	273	1.7	0.0	1.7	470	24
11/16/2020	665	5,834	6,499	89.8	10.2	28	243	271	1.6	0.0	1.6	488	24
11/17/2020	665	5,834	6,499	89.8	10.2	28	243	271	1.6	0.0	1.6	485	24
11/18/2020	665	5,834	6,499	89.8	10.2	28	243	271	1.6	0.0	1.6	496	24
11/19/2020	748	5,834	6,582	88.6	11.4	31	243	274	1.8	0.0	1.8	534	24
11/20/2020	333	5,834	6,167	94.6	5.4	14	243	257	0.8	0.0	0.8	554	24
11/21/2020	665	5,029	5,694	88.3	11.7	28	210	237	1.6	0.0	1.6	559	24
11/22/2020	748	5,834	6,582	88.6	11.4	31	243	274	1.8	0.0	1.8	567	24
11/23/2020	873	5,834	6,707	87.0	13.0	36	243	279	2.1	0.0	2.1	570	24
11/24/2020	832	5,446	6,278	86.7	13.3	35	227	262	2.0	0.0	2.0	570	24
11/25/2020	1,871	5,946	7,817	76.1	23.9	78	248	326	4.5	0.0	4.5	572	24
11/26/2020	3,326	5,988	9,314	64.3	35.7	139	250	388	8.0	0.0	8.0	557	24
11/27/2020	3,909	5,889	9,798	60.1	39.9	163	245	408	9.4	0.0	9.4	543	24
11/28/2020	3,992	5,894	9,886	59.6	40.4	166	246	412	9.6	0.0	9.6	562	24
11/29/2020	4,407	5,880	10,287	57.2	42.8	184	245	429	10.6	0.0	10.6	584	24
11/30/2020	4,865	5,784	10,649	54.3	45.7	203	241	444	11.7	0.0	11.7	565	24
Mo. Totals/Avgs	33,513	150,779	184,292	84.5	15.5	47	209	256	2.7	0.0	2.7	516	24

PUNA GEOTHERMAL VENTURE

COMBINED INJECTION WELL DATA

QUANTITIES OF FLUID INJECTED

DATE	GEOFLUID KLB	WELL WATER KLB	RAW WATER KLB	TOTAL INJECTION		INJECTION RATE		(R)22 GAL	R322 GAL	203 GAL	Cat-Sulf. GAL	G442 GAL	Bio- sperse GAL	NaOH GAL	Royal Purple GAL	98% Acid GAL
				KLB	GAL	KPH	GPM									
11/1/2020	0		0	0	0		0	0	0	0	0	0	0	0	0	0
11/2/2020	0		0	0	0		0	0	0	0	0	0	0	0	0	0
11/3/2020	0		0	0	0		0	0	0	0	0	0	0	0	0	0
11/4/2020	0		0	0	219,600		153	0	0	0	0	0	0	0	0	0
11/5/2020	5,763		1,130	6,893	878,400		287	0	0	0	0	0	0	0	0	0
11/6/2020	5,650		1,130	6,780	864,000		283	0	0	0	0	0	0	0	0	0
11/7/2020	5,718		1,130	6,848	800,646		285	0	0	0	0	0	0	0	0	0
11/8/2020	5,777		1,130	6,907	880,160		288	0	0	0	0	0	0	0	0	0
11/9/2020	5,837		1,130	6,967	887,760		290	0	0	0	0	0	0	0	0	0
11/10/2020	5,876		565	6,441	820,800		268	0	0	0	0	0	0	0	0	0
11/11/2020	5,989		1,130	7,119	907,200		297	0	0	0	0	0	0	0	0	0
11/12/2020	5,989		1,130	7,119	907,200		297	0	0	0	0	0	0	0	0	0
11/13/2020	5,889		1,130	7,119	907,200		297	0	0	0	0	0	0	0	0	0
11/14/2020	5,834		1,130	6,964	887,386		290	0	0	0	0	0	0	0	0	0
11/15/2020	5,834		1,130	6,964	887,386		290	0	0	0	0	0	0	0	0	0
11/16/2020	5,834		1,130	6,964	887,386		290	0	0	0	0	0	0	0	0	0
11/17/2020	5,834		1,130	6,964	887,386		290	0	0	0	0	0	0	0	0	0
11/18/2020	5,834		1,130	6,964	887,386		290	0	0	0	0	0	0	0	0	0
11/19/2020	5,834		1,130	6,964	887,386		290	0	0	0	0	0	0	0	0	0
11/20/2020	5,029		565	5,594	712,800		233	0	0	0	0	0	0	0	0	0
11/21/2020	5,834		565	6,399	815,386		267	0	0	0	0	0	0	0	0	0
11/22/2020	5,834		565	6,399	815,386		267	0	0	0	0	0	0	0	0	0
11/23/2020	5,446		565	6,511	829,660		271	0	0	0	0	0	0	0	0	0
11/24/2020	5,946		565	6,511	829,660		271	0	0	0	0	0	0	0	0	0
11/25/2020	5,925		565	6,490	827,080		270	0	0	0	0	0	0	0	0	0
11/26/2020	5,988		565	6,553	835,088		273	0	0	0	0	0	0	0	0	0
11/27/2020	5,889		565	6,454	822,480		269	0	0	0	0	0	0	0	0	0
11/28/2020	5,894		565	6,459	823,040		269	0	0	0	0	0	0	0	0	0
11/29/2020	5,880		565	6,445	821,340		269	0	0	0	0	0	0	0	0	0
11/30/2020	5,784		565	6,349	809,080		265	0	0	0	0	0	0	0	0	0
Total	150,941		22,600	174,141	22,338,282											
Minimum	0		0	0	0		233	0	0	0	0	0	0	0	0	0
Average	5,031		753	5,805	744,609		279	0	0	0	0	0	0	0	0	0
Maximum	5,989		1,130	7,119	907,200		297	0	0	0	0	0	0	0	0	0

NOTE: All numbers are rounded to the nearest whole number

PUNA GEOTHERMAL VENTURE

KS-3 INJECTION WELL DATA QUANTITIES OF FLUID INJECTED (K POUNDS)

DATE	HRS ON INJ.	GEO- FLUID	SUPPL WATER	TOTAL	AVERAGE INJ. RATE (KLB/HR)	WELLHEAD PRESS. (PSIG)		AVERAGE ANNULUS N2 PRESS (PSIG)	AVERAGE INJ TEMP (DEG F)
						AVG	MAX		
11/1/2020	0	0	0	0	0	0	0	0	0
11/2/2020	0	0	0	0	0	0	0	0	0
11/3/2020	0	0	0	0	0	0	0	0	0
11/4/2020	0	0	0	0	0	0	0	0	0
11/5/2020	0	0			0	0	0	0	0
11/6/2020	0	0			0	0	0	0	0
11/7/2020	0	0			0	0	0	0	0
11/8/2020	0	0			0	0	0	0	0
11/9/2020	0	0			0	0	0	0	0
11/10/2020	0	0			0	0	0	0	0
11/11/2020	0	0			0	0	0	0	0
11/12/2020	0	0			0	0	0	0	0
11/13/2020	0	0			0	0	0	0	0
11/14/2020	0	0			0	0	0	0	0
11/15/2020	0	0			0	0	0	0	0
11/16/2020	0	0			0	0	0	0	0
11/17/2020	0	0			0	0	0	0	0
11/18/2020	0	0			0	0	0	0	0
11/19/2020	0	0			0	0	0	0	0
11/20/2020	0	0			0	0	0	0	0
11/21/2020	0	0			0	0	0	0	0
11/22/2020	0	0			0	0	0	0	0
11/23/2020	0	0			0	0	0	0	0
11/24/2020	0	0			0	0	0	0	0
11/25/2020	0	0			0	0	0	0	0
11/26/2020	0	0			0	0	0	0	0
11/27/2020	0	0			0	0	0	0	0
11/28/2020	0	0			0	0	0	0	0
11/29/2020	0	0			0	0	0	0	0
11/30/2020	0	0			0	0	0	0	0
Mo. Total	0	0	0	0					

NOTE: All numbers are rounded to the nearest whole number

PUNA GEOTHERMAL VENTURE

KS-13 INJECTION WELL DATA QUANTITIES OF FLUID INJECTED

DATE	HRS ON INJ.	GEO- FLUID (KLB)	SUPPL WATER (KLB)	TOTAL		AVERAGE INJ. RATE		WELLHEAD PRESS. (PSIG)		AVERAGE ANNULUS N2 PRESS (PSIG)	AVERAGE INJ TEMP (DEG F)
				KLB	GAL	KPH	GPM	AVG	MAX		
11/1/2020	0	0	0	0	0	0	0	0	0	162	100
11/2/2020	0	0	0	0	0	0	0	0	0	161	95
11/3/2020	0	0	0	0	0	0	0	0	0	161	98
11/4/2020	8	650	565	1,215	154,868	51	323	205	410	581	193
11/5/2020	24	4,294	565	4,859	619,268	202	430	435	435	633	305
11/6/2020	24	4,181	565	4,746	604,868	198	420	440	440	638	335
11/7/2020	24	4,147	565	4,712	600,548	196	417	404	410	1,221	328
11/8/2020	24	4,113	565	4,678	596,228	195	414	429	455	1,225	315
11/9/2020	24	4,085	282	4,650	592,594	194	412	420	420	1,195	315
11/10/2020	24	4,069	565	4,351	554,468	181	385	426	435	1,158	303
11/11/2020	24	4,068	565	4,633	590,468	193	410	429	435	1,152	300
11/12/2020	24	4,068	565	4,633	590,468	193	410	435	442	1,158	303
11/13/2020	24	4,068	565	4,633	590,468	193	410	383	444	1,116	300
11/14/2020	24	4,149	565	4,714	600,836	196	417	390	420	1,128	300
11/15/2020	24	4,149	565	4,714	600,836	196	417	431	431	1,129	300
11/16/2020	24	4,149	565	4,714	600,836	196	417	412	414	1,107	288
11/17/2020	24	4,149	565	4,714	600,836	196	417	404	406	1,093	290
11/18/2020	24	4,149	565	4,714	600,836	196	417	399	400	1,085	289
11/19/2020	24	4,149	565	4,714	600,836	196	417	373	389	1,053	280
11/20/2020	24	3,108	282	3,390	432,034	141	300	177	189	974	248
11/21/2020	24	4,150	282	4,432	564,802	185	392	279	289	978	263
11/22/2020	24	4,150	282	4,432	564,802	185	392	346	374	1,007	275
11/23/2020	24	4,025	282	4,307	548,894	179	381	371	392	1,009	268
11/24/2020	24	4,025	282	4,307	548,894	179	381	134	180	840	214
11/25/2020	24	4,005	282	4,287	546,314	179	379	238	250	909	253
11/26/2020	24	3,977	282	4,259	542,822	177	377	122	123	785	190
11/27/2020	24	3,913	282	4,195	534,654	175	371	207	288	818	210
11/28/2020	24	3,913	282	4,195	534,654	175	371	176	275	717	172
11/29/2020	24	3,826	282	4,108	523,554	171	364	145	181	511	150
11/30/2020	24	3,638	282	3,920	499,574	163	347	209	209	477	165
Total	632	105,367	11,859	117,226	14,940,263						
Minimum	0	0	0	0	0	0	0	0	0	161	95
Average	21	3,512	395	3,908	498,009	163	353	294	318	873	248
Maximum	24	4,294	565	4,859	619,268	202	430	440	455	1,225	335

NOTE: All numbers are rounded to the nearest whole number

PUNA GEOTHERMAL VENTURE

KS-15 INJECTION WELL DATA QUANTITIES OF FLUID INJECTED

DATE	HRS ON INJ.	GEO- FLUID (KLB)	SUPPL WATER (KLB)	TOTAL		AVERAGE INJ. RATE		WELLHEAD PRESS. (PSIG)		AVERAGE ANNULUS N2 PRESS (PSIG)	AVERAGE INJ TEMP (DEG F)
				KLB	GAL	KPH	GPM	AVG	MAX		
11/1/2020	0	0	0	0	0	0	0	0	0	618	93
11/2/2020	0	0	0	0	0	0	0	0	0	676	92
11/3/2020	0	0	0	0	0	0	0	0	0	747	94
11/4/2020	8	509	0	509	64,800	21	135	167	334	1,186	245
11/5/2020	24	1,469	565	2,034	259,268	85	180	398	400	1,238	245
11/6/2020	24	1,469	565	2,034	259,268	85	180	401	403	1,238	275
11/7/2020	24	1,571	565	1,890	200,234	79	139	367	375	1,216	275
11/8/2020	24	1,664	565	2,229	284,068	93	197	391	415	1,224	273
11/9/2020	24	2,035	282	2,317	295,234	97	205	372	380	1,209	275
11/10/2020	24	1,526	565	2,091	266,468	87	185	396	398	1,186	276
11/11/2020	24	1,921	565	2,486	316,868	104	220	389	394	1,179	279
11/12/2020	24	1,921	565	2,486	316,868	104	220	406	410	1,192	280
11/13/2020	24	1,921	565	2,486	316,868	104	220	381	405	1,177	281
11/14/2020	24	1,684	565	2,249	286,686	94	199	360	390	1,167	279
11/15/2020	24	1,684	565	2,249	286,686	94	199	392	393	1,171	278
11/16/2020	24	1,684	565	2,249	286,686	94	199	380	384	1,152	275
11/17/2020	24	1,684	565	2,249	286,686	94	199	364	368	1,137	278
11/18/2020	24	1,684	565	2,249	286,686	94	199	370	380	1,097	255
11/19/2020	24	1,684	565	2,249	286,686	94	199	349	380	1,094	278
11/20/2020	24	1,922	282	2,204	280,834	92	195	149	159	1,011	240
11/21/2020	24	1,685	282	1,967	250,652	82	174	234	240	1,007	255
11/22/2020	24	1,685	282	1,967	250,652	82	174	305	331	1,041	265
11/23/2020	24	1,922	282	2,204	280,834	92	195	318	330	1,035	275
11/24/2020	24	1,922	282	2,204	280,834	92	195	93	130	884	200
11/25/2020	24	1,922	282	2,204	280,834	92	195	238	260	938	222
11/26/2020	24	2,012	282	2,294	292,334	96	203	82	83	823	178
11/27/2020	24	1,977	282	2,259	287,894	94	200	163	247	846	180
11/28/2020	24	1,981	282	2,263	288,454	94	200	87	140	777	165
11/29/2020	24	2,055	282	2,337	297,854	97	207	136	140	750	156
11/30/2020	24	2,147	282	2,429	309,574	101	215	162	163	770	153
Total	632	47,340	11,294	58,388	7,400,813						
Minimum	0	0	0	0	0	0	0	0	0	618	92
Average	21	1,578	376	1,946	246,694	81	174	262	281	1,026	231
Maximum	24	2,147	565	2,486	316,868	104	220	406	415	1,238	281

NOTE: All numbers are rounded to the nearest whole number