

Summary of Monthly Groundwater Production
 Phelan-Pinon Hills Community Services District
 Well No. 14

Year	Month	Monthly Groundwater Production Based on Daily Flow Meter Data (Acre-ft)
2010	January	91.09
	February	80.79
	March	93.53
	April	99.12
	May	98.95
	June	
	July	
	August	
	September	
	October	
	November	
	December	
	Total 2010	463.48

Appendices

Appendix A

Groundwater Levels Used for Contour Maps

PPHCSD ¹ Well Name	Department of Water Resources Name	Location		Groundwater Elevation				Source
		Latitude	Longitude	Month/Year Measured	Reference Point Elevation (ft amsl ²)	Depth to Groundwater (ft brp ³)	Groundwater Elevation (ft amsl ²)	
Well #2	5N7W24D03	34.51055	-117.572275	3/04	3,350.58	432.58	2,918.00	PPHCSD ¹
Well #2	5N7W24D03	34.51055	-117.572275	2/85	3,350.58	403.50	2,947.08	PPHCSD
Well #2a	4N7W33J02	34.38826	-117.609140	3/10	4,880.00	242.10	4,637.90	PPHCSD
Well #2a	4N7W33J02	34.38826	-117.609140	10/01	4,880.00	251.60	4,628.40	PPHCSD
Well #5	5N7W23A01	34.51055	-117.574497	3/10	3,354.83	416.50	2,938.33	PPHCSD
Well #6a	5N7W31J03	34.47414	-117.644410	3/10	3,600.00	629.75	2,970.25	PPHCSD
Well #6a	5N7W31J03	34.47414	-117.644410	9/85	3,600.00	615.00	2,985.00	PPHCSD
Well #6b	5N7W31J04	34.47414	-117.644410	4/05	3,600.00	631.40	2,968.60	PPHCSD
Well #9b	4N6W4D02	34.46868	-117.519000	3/05	3,585.00	660.00	2,925.00	PPHCSD
	4N5W21H01	34.42194	-117.401994	3/10	3,530.00	653.35	2,876.65	USGS ⁴
	4N5W21H01	34.42194	-117.401994	3/04	3,530.00	650.82	2,879.18	USGS
	4N8W7C01	34.45361	-117.758333	3/10	4,202.00	232.06	3,969.94	USGS
	4N8W7C01	34.45361	-117.758333	3/04	4,202.00	236.11	3,965.89	USGS
	4N8W7R01	34.44194	-117.747500	3/10	4,307.00	115.04	4,191.96	USGS
	4N8W7R01	34.44194	-117.747500	3/04	4,307.00	116.48	4,190.52	USGS
	4N8W7R01	34.44194	-117.747500	3/85	4,307.00	107.47	4,199.53	USGS
	5N5W4A01	34.55459	-117.400796	3/04	2,953.74	378.00	2,575.74	PPHCSD
	5N5W18Q01	34.51694	-117.443104	3/04	3,134.56	284.50	2,850.06	PPHCSD
	5N5W18Q02	34.51694	-117.443104	4/10	3,141.38	316.66	2,824.72	PPHCSD
	5N5W22E02	34.50687	-117.397510	5/85	3,122.00	328.20	2,793.80	USGS
	5N6W22E02	34.50833	-117.502500	4/10	3,260.00	365.32	2,894.68	USGS
	5N6W22E02	34.50833	-117.502500	3/04	3,260.00	367.29	2,892.71	MWA ⁵
	5N6W36R01	34.47056	-117.455000	3/04	3,422.00	522.00	2,900.00	USGS

Appendix A

Smith Trager LLP/
Phelan Pinon Hills
Community Services District

PPHCSD ¹ Well Name	Department of Water Resources Name	Location		Groundwater Elevation				Source
		Latitude	Longitude	Month/ Year Measured	Reference Point Elevation (ft amsl ²)	Depth to Groundwater (ft brp ³)	Groundwater Elevation (ft amsl ²)	
	5N7W17D01	34.52750	-117.641944	3/10	3,225.00	306.97	2,918.03	USGS
	5N7W17D01	34.52750	-117.641944	3/04	3,225.00	303.81	2,921.19	USGS
	5N7W28L01	34.48972	-117.618333	3/04	3,505.00	546.55	2,958.45	USGS
	5N8W13R01	34.51639	-117.661389	3/10	3,269.00	365.74	2,903.26	USGS
	5N8W13R01	34.51639	-117.661389	3/04	3,269.00	376.40	2,892.60	USGS
	5N8W25H01	34.49167	-117.659722	3/10	3,445.00	514.66	2,930.34	USGS
	5N8W25H01	34.49167	-117.659722	3/04	3,445.00	523.16	2,921.84	USGS
	5N8W26B03	34.49471	-117.684467	3/10	3,439.00	508.00	2,931.00	PPHCSD
	5N9W5R02	34.54500	-117.835000	3/10	2,908.00	108.42	2,799.58	USGS
	5N9W5R02	34.54500	-117.835000	3/04	2,908.00	111.12	2,796.88	USGS
	5N9W5R02	34.54500	-117.835000	3/85	2,908.00	98.49	2,809.51	USGS
	6N6W6Q05	34.63444	-117.550833	3/04	2,870.00	137.26	2,732.74	USGS
	6N6W13R01	34.60194	-117.453333	3/10	2,817.00	53.42	2,763.58	USGS
	6N6W13R01	34.60194	-117.453333	3/04	2,817.00	54.52	2,762.48	USGS
	6N6W21J02	34.59278	-117.508333	4/10	2,886.00	125.46	2,760.54	USGS
	6N6W21J02	34.59278	-117.508333	3/04	2,886.00	126.73	2,759.27	USGS
	6N6W21L02	34.59222	-117.516389	3/10	2,895.00	97.64	2,797.36	USGS
	6N6W21L02	34.59194	-117.516133	3/04	2,895.00	128.87	2,766.13	USGS
	6N7W12M02	34.62174	-117.576839	3/10	2,851.00	203.52	2,647.48	USGS
	6N7W12M02	34.62357	-117.577306	3/04	2,851.00	207.70	2,643.30	USGS
	6N7W13K01	34.60750	-117.565000	3/10	2,878.00	234.31	2,643.69	USGS
	6N7W14Q03	34.60594	-117.581556	3/10	2,887.00	316.85	2,570.15	USGS
	6N7W14Q03	34.60594	-117.581556	3/04	2,887.00	312.05	2,574.95	USGS
	6N7W16K01	34.60879	-117.617967	3/10	2,794.00	68.30	2,725.70	USGS
	6N7W16K01	34.60879	-117.617967	3/04	2,794.00	66.18	2,727.82	USGS
	6N7W17K01	34.60639	-117.636667	3/04	2,901.00	159.96	2,741.04	USGS

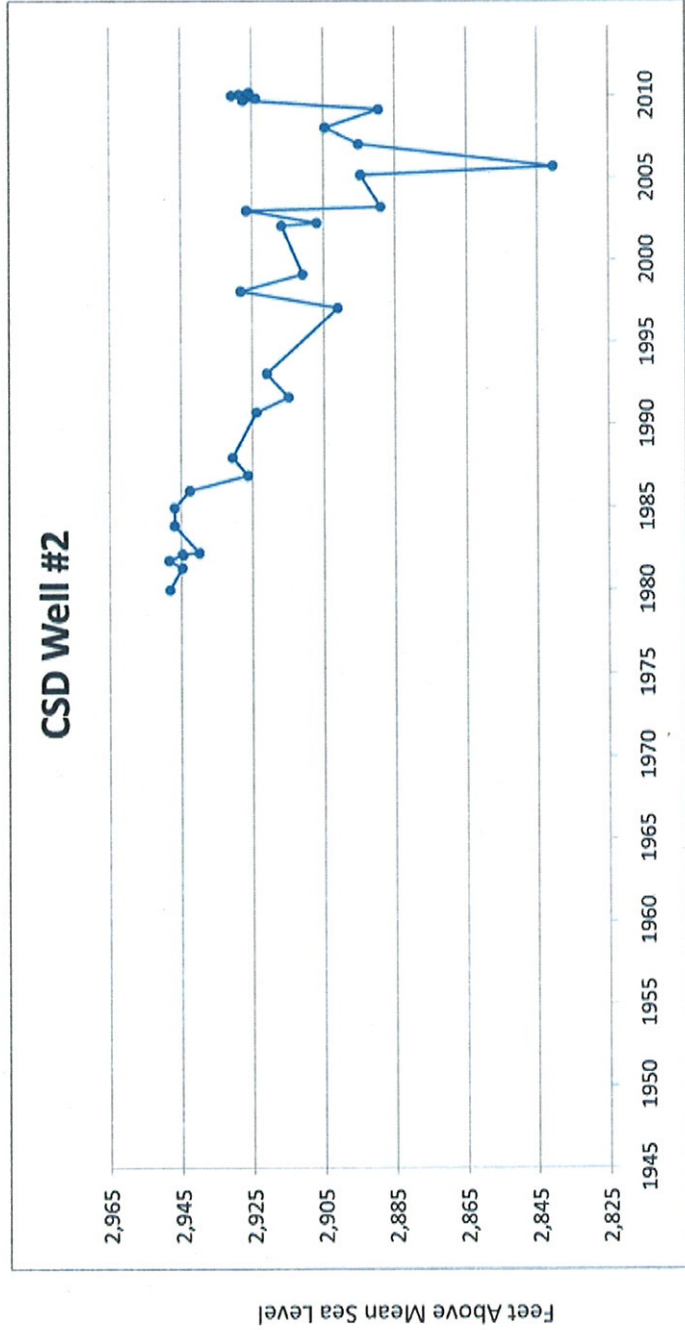
PPHCSD ¹ Well Name	Department of Water Resources Name	Location		Groundwater Elevation				Source
		Latitude	Longitude	Month/ Year Measured	Reference Point Elevation (ft amsl ²)	Depth to Groundwater (ft brp ³)	Groundwater Elevation (ft amsl ²)	
	6N7W17L01	34.60639	-117.639722	3/10	2,900.00	148.81	2,751.19	USGS
	6N7W17L01	34.60639	-117.639722	3/04	2,900.00	143.13	2,756.87	USGS
	6N8W36R01	34.55876	-117.670153	3/02	3,055.00	204.53	2,850.47	USGS
	6N9W4H02	34.64000	-117.827222	3/10	2,595.00	181.49	2,413.51	USGS
	6N9W4H02	34.64000	-117.827222	3/04	2,595.00	181.65	2,413.35	USGS
	6N9W4H02	34.64000	-117.827222	3/85	2,595.00	188.13	2,406.87	USGS
	6N9W11N01	34.61750	-117.807778	3/04	2,666.00	173.70	2,492.30	USGS
	6N9W11N01	34.61750	-117.807778	3/85	2,666.00	179.00	2,487.00	USGS
	6N9W33C01	34.56889	-117.835278	2/82	2,823.00	126.22	2,696.78	USGS

Notes:

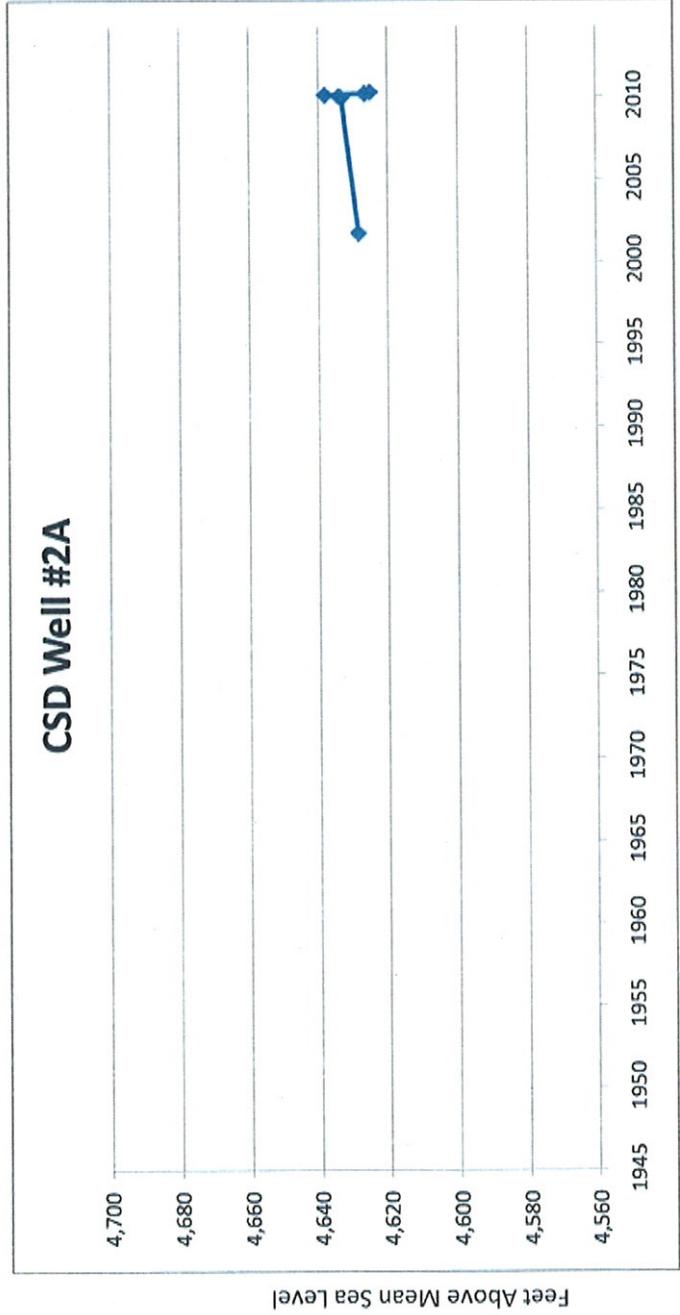
- ¹ PPHCSD = Phelan Pinon Hills Community Services District
- ² Ft amsl = Feet above mean sea level.
- ³ Ft brp = Feet below reference point.
- ⁴ USGS = United States Geological Survey
- ⁵ MWA = Mojave Water Agency

Appendix B

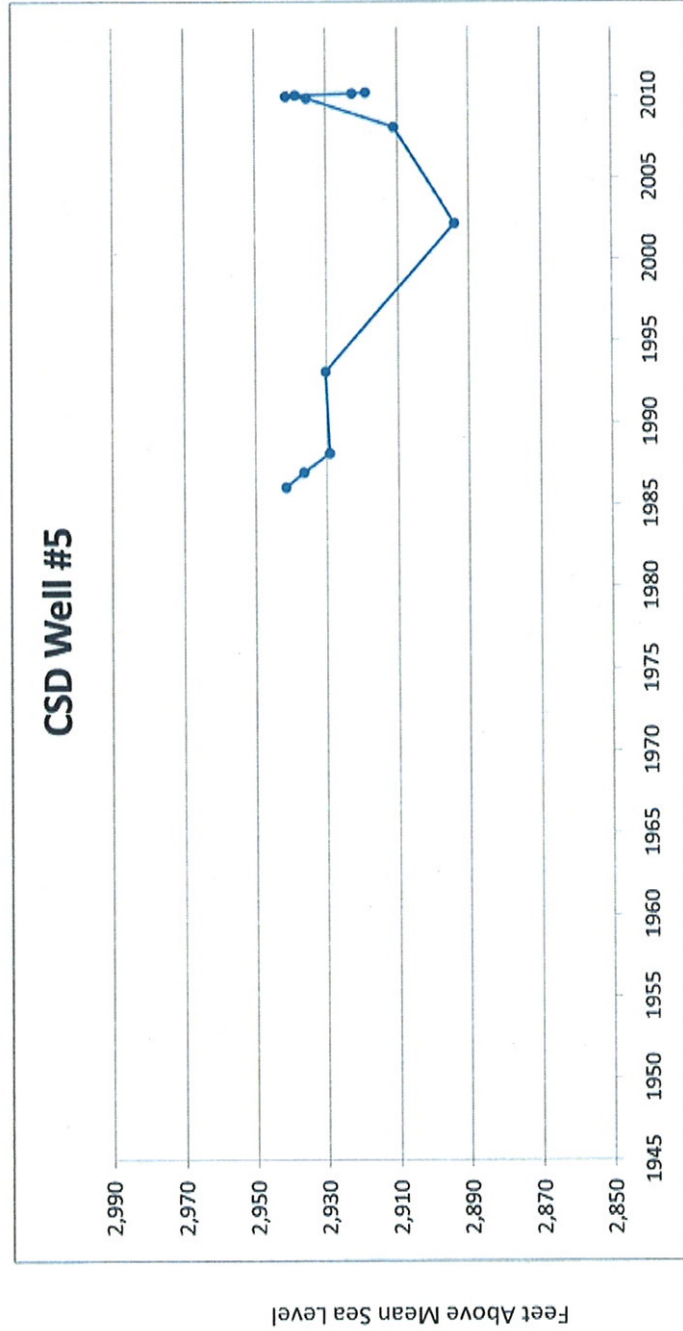
Groundwater Level Hydrograph



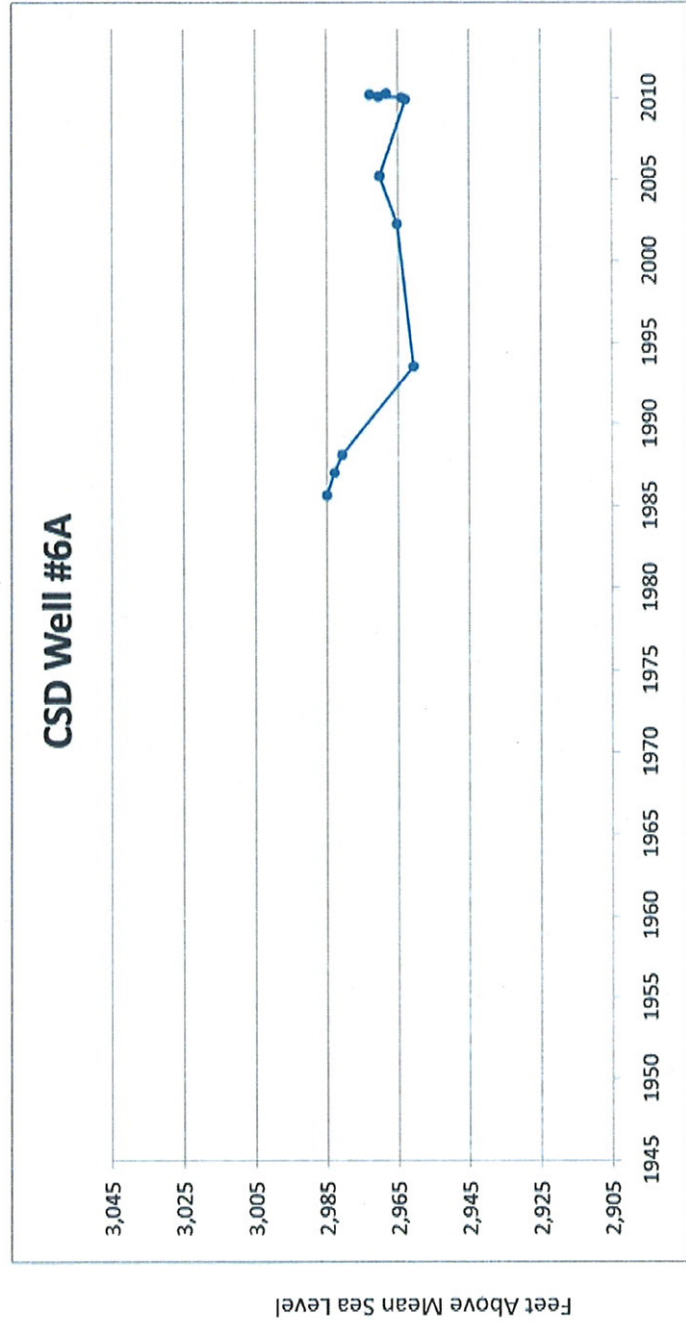
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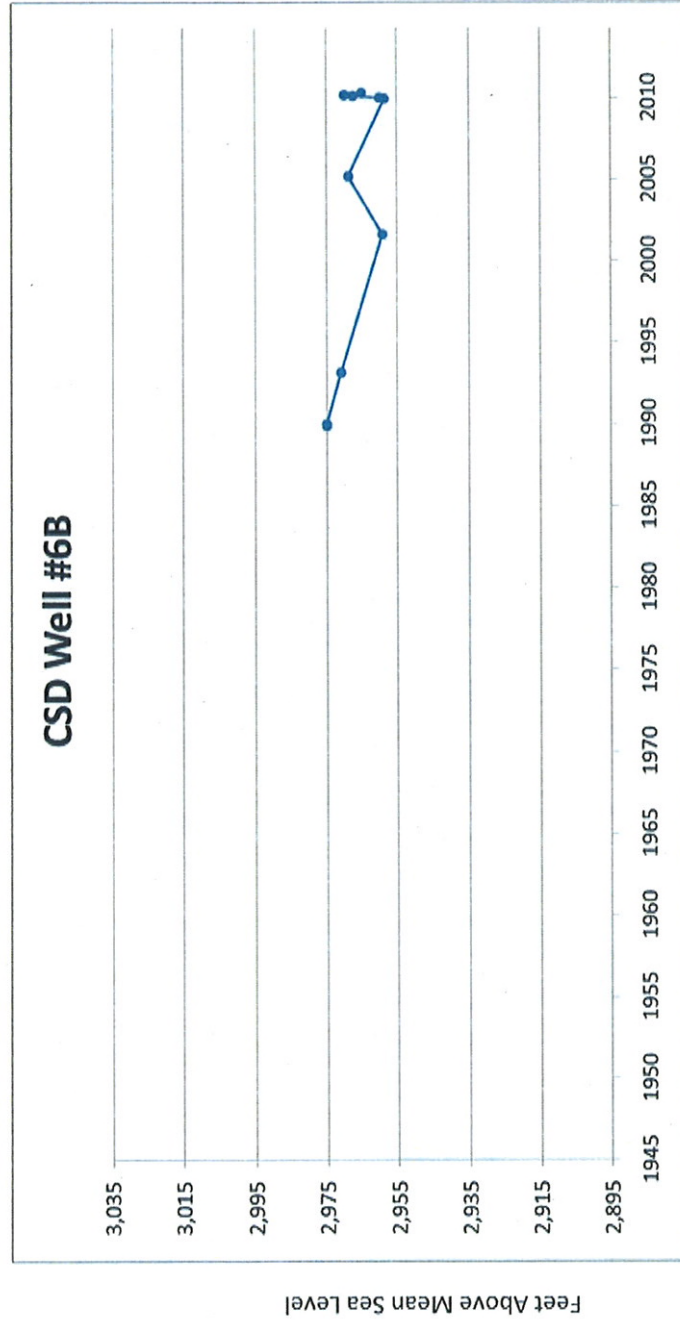
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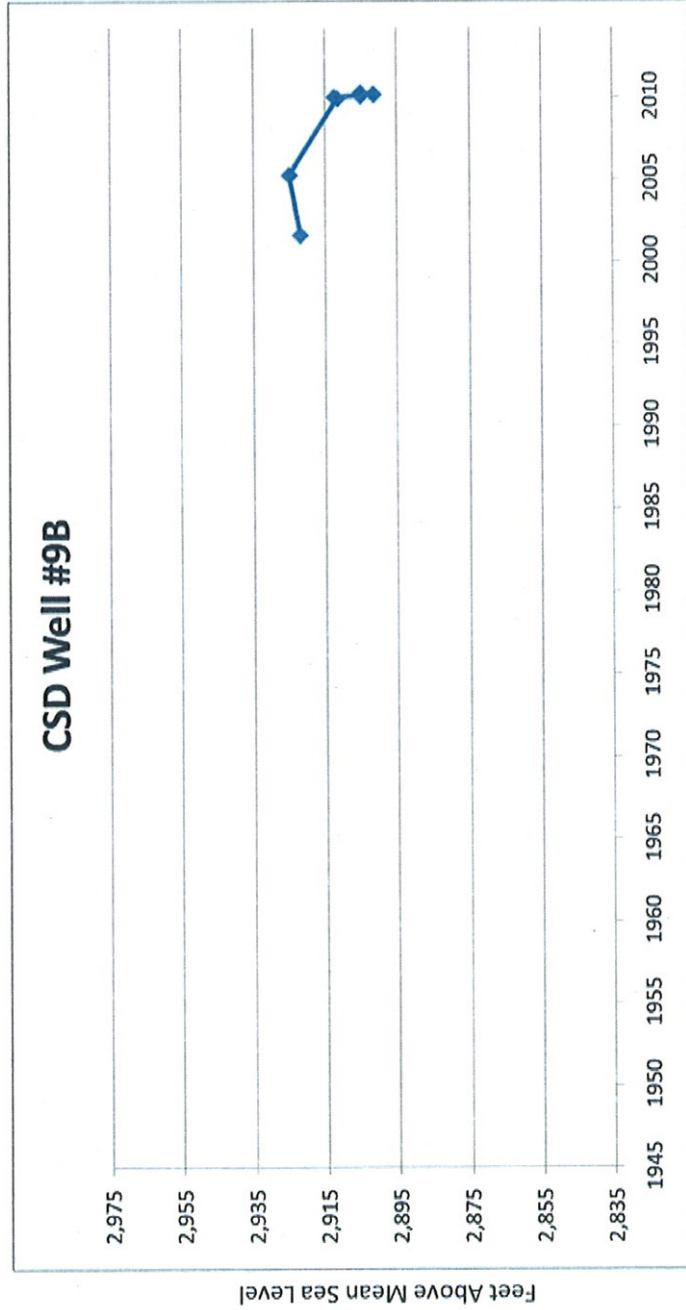
Groundwater Level Hydrograph



Groundwater Level Hydrograph



Groundwater Level Hydrograph

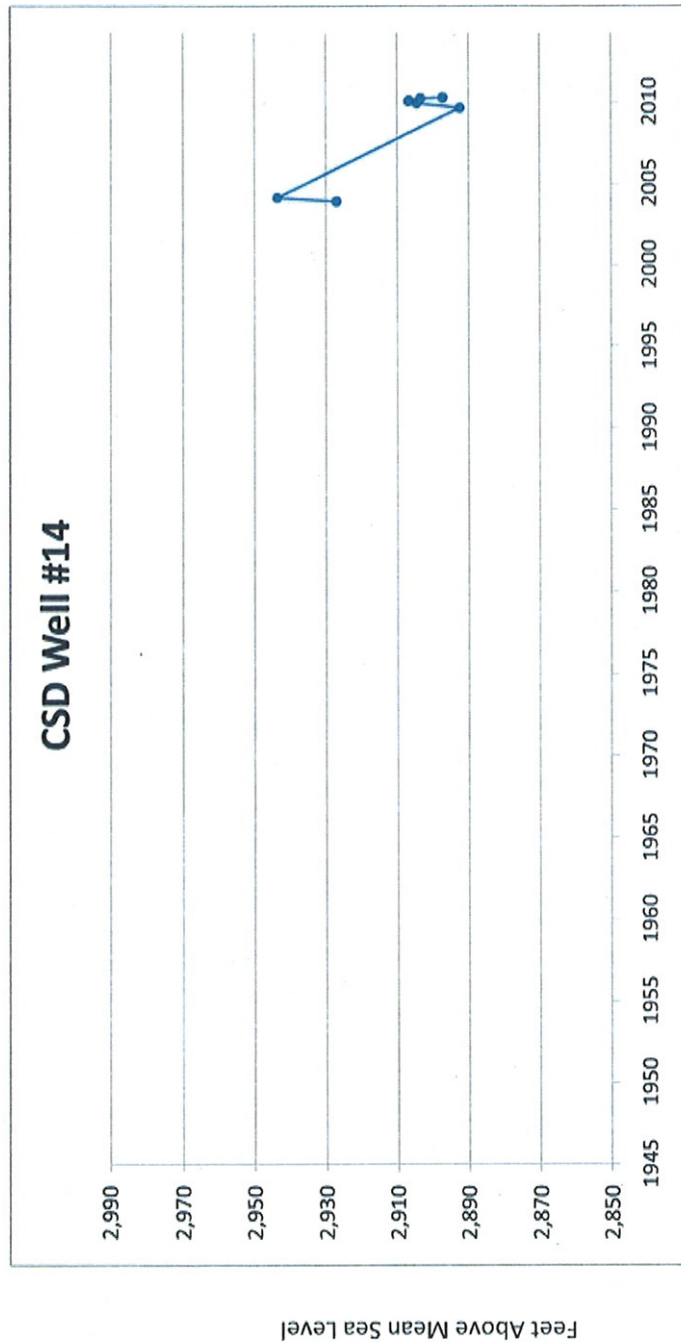


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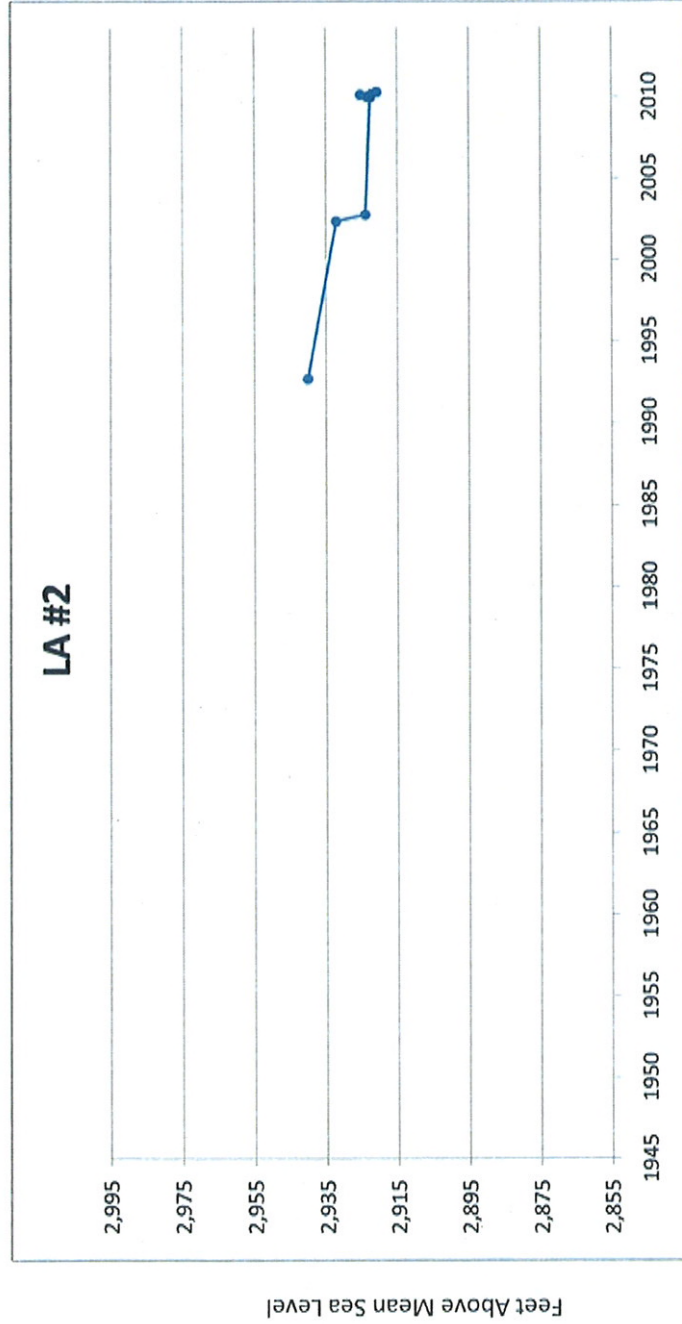
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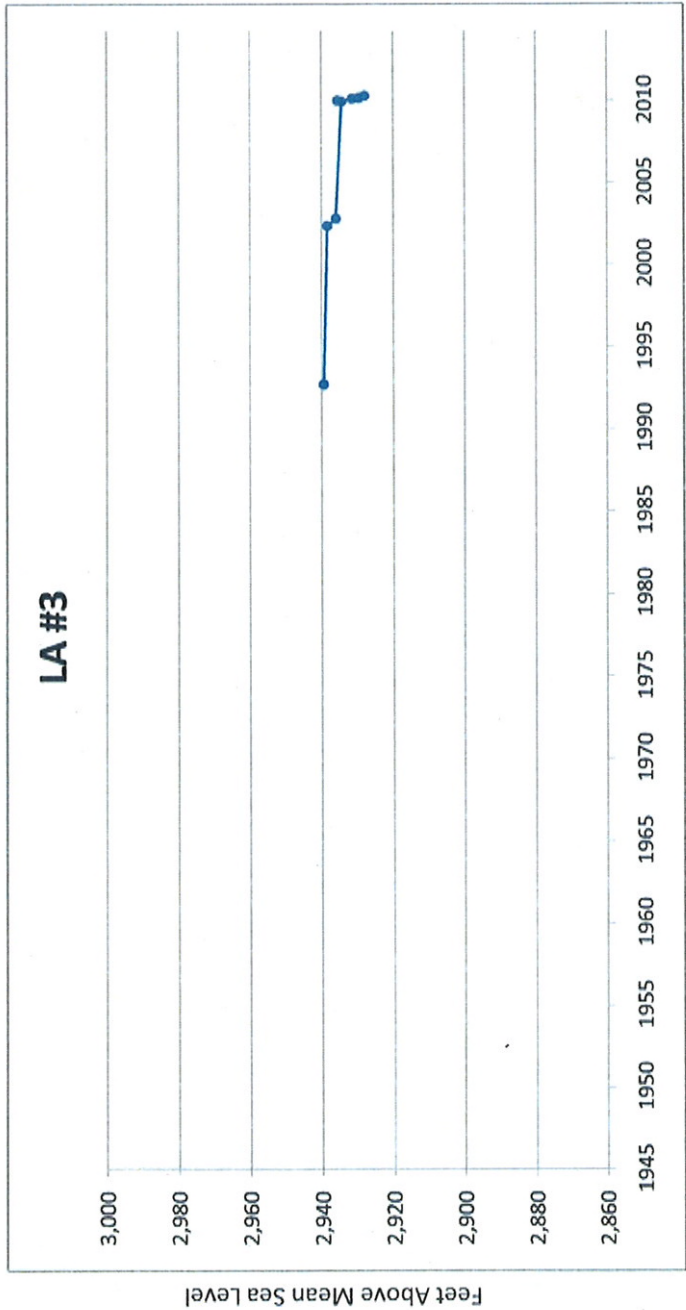
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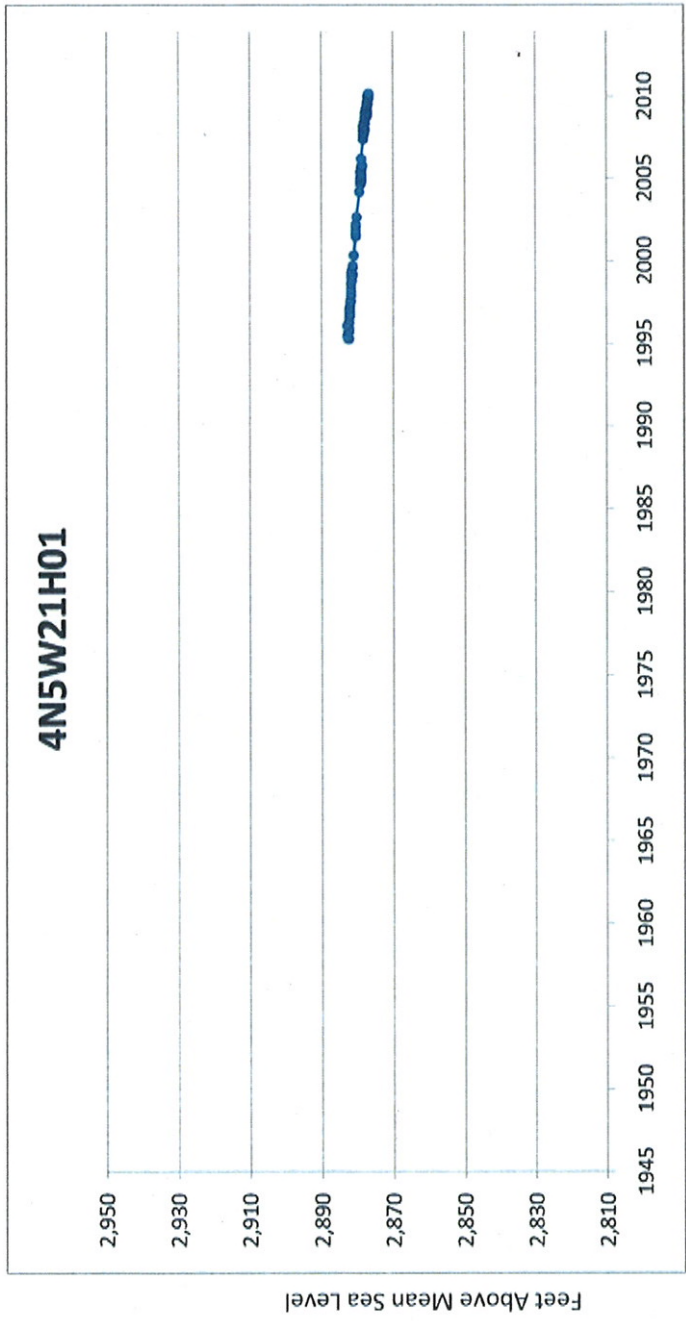
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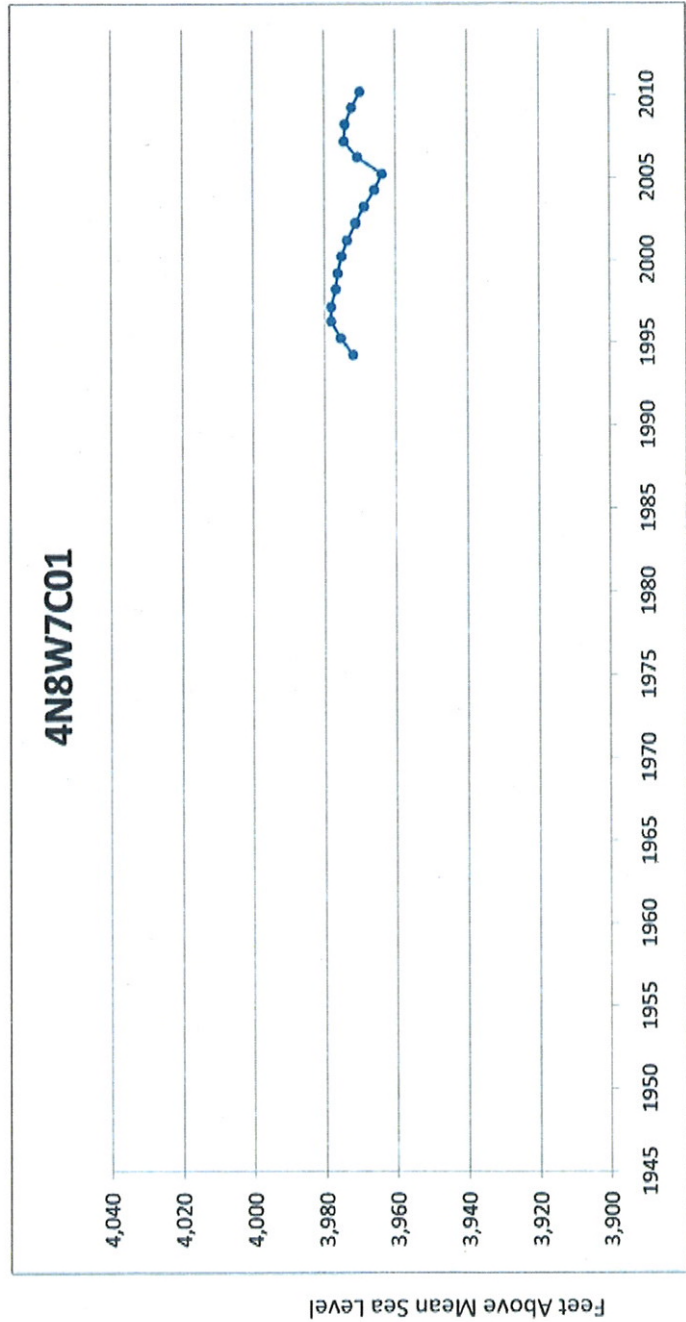
Groundwater Level Hydrograph



Groundwater Level Hydrograph



Groundwater Level Hydrograph



Year

Groundwater Level Hydrograph

