

DESERT PEAK AND HUMBOLDT HOUSE FLOW TEST DATA

Well	T.D.	Date	Flow rate in lbs/hr	Method of Calculation	Flowing Temperature	Bottomhole Temperature	Wellhead Pressure psig	Shut-in Pressure psig	Oriface-plate Diameter	Length of Test	Presence of Scale
Desert Peak B21-1	4140'	11-76	478,000	James	324°F	406°F	103	0	6"	1 hour	Not known (possible)
Desert Peak B21-2	3192'	12-76	456,000	James	285°F	392°F	64	0	8"	21 hours	Probable
		3-77	288,000	James	320°F	392°F	84		6"	8 days	Probable
		9-77 to 11-77	278,000 to 116,000	James	320°F to 270°F	392°F	84 to 33	0	6"	60 days	Yes at 900'
		11-77	313,000 to 133,000 ( 8% steam)	Murdock	320°F to 270°F	392°F	84 to 33	0	6"	60 days	Yes at 900'
Humboldt House Campbell E-1	1835'	12-77	780,000	James	350°F	356°F	175 to 163	200	5"	17 hours	Yes, at end of flow line No CaCO <sub>3</sub> precip. downhole

Decline in flow rate, pressure, and temperature is probably due to deposition of calcium carbonate at a depth of about 900 feet in the well.

## WATER CHEMISTRY

Field	Well	Ca	Mg	Na	K	Cl	SO <sub>4</sub>	HCO <sub>3</sub>	Si	F	B	Li	TDS	ph
Desert Peak	B21-1	94	0	1950	220	3600	125	85	300		14	2.0	6600	8.0
Desert Peak	B21-2	90	1.0	2000	240	3600	90	43	440		14	1.6	6600	7.0
Humboldt House	Campbell E-1	52	4.7	1320	270	2330	29	190	360	5.4	8.1	3.1	4305	6.0
Roosevelt, Utah	54-3	10.1	.2	2000	410	3400	54	200	560	5.0	29	19	6442	6.5
Cerro Prieto, Mexico	Average Well	350	.5	5000	1150	10,000	20	35	550		12	12	17,000	5.4