

2004 Water Use for Jensen Diversions near Moore

Water Right	Source	Name	Total Acres	Total Combined Acres	Wtr Rt Volume (AF)	Combined Volume Limit (AF)* 1	Decreed Volume Delivered (AF)^ as of 7/25/04 2	Estimated GW Use AF (thru 7/29/04) 3	Volume Difference (AF) 1 - (2+3)	Rotation Vol Use (AF)** 4	Volume Difference (AF) 1 - (2+3+4)
34-0372A	Big Lost R	Jack Jensen	152								
34-2340A	Ground Water	Jack Jensen	152		532						
(totals)				152		532	162.6	281.2	88.2	63.5	24.7
34-0372B	Big Lost R	L Vaughn Jensen	56		196						
34-2340B	Ground Water	L Vaughn Jensen	56		196						
(totals)				56		196	78.7	104.0	13.3	31.7	-18.4
34-0690B	Big Lost R	Jay V Jensen	86.5	NA	302.8*	302.8	86.8		216	34.3	181.7
						1030.8	328.1	385.2	317.5	129.5	188.0
									↓ Mitigation Amount		↓ Mitigation amount if including rotation vol.
Amounts reported for surface water delivery and rotation are amounts delivered through July 25, 2004											
* If water right volume or combined limit volume not given, use 3.5 acre-feet per acre, standard for Basin 34											
^ Decreed Volume delivered is amount delivered at field headgate and includes any excess amount delivered as per BLRID.											
Decreed volume delivery amounts provided by BLRID. GW use estimated based on field measurment of well and derived PCC ratio, plus kWh use for 2004 (kWh thru 7/29/04).											
**Rotation volume is decreed water rotated by user into storage at start of season for charging the river later. Data provided by WD 34 & IDWR											
Jensen Well 2004 kWh use (thru 7/29/04) = 86,469 kWh											
Jensen Well flow = 1403.5 gpm (156 inches) on 5/7/2004, and 1085 gpm (121 inches) on 6/11/2004 by WD34											
Mean flow gpm of Jensen well = 1244 gpm											
Jensen Well PCC (using mean flow) =			224.5	(average PCC using 5/7/04 and 6/11/04 flow meas. Assume kW = 54.4 for 6/11/04)							
Jensen '04 Well Volume (thru July 29) =			385.2	acre-feet	(2004 kWh/PCC)						
Prior WD34 measurements of Jensen Well:											
Date	flow (gpm)	Pcc	Remark								
5/7/2004	1403.5	213.2									
6/11/2004	1244		kW demand measured but not reported to IDWR								
8/16/2003	1244	237.7	New pump and power meter installed in 2003								
7/10/2001	1669	127									
8/21/2000	2146	105.8									
compiled by: T Luke, IDWR 7/30/04											