

2017 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

LAYFLAT IRRIGATION TUBING 80 ACRES IRRIGATED

OWNERSHIP COST:	LIFE	INTEREST RATE	COST FACTOR	INVESTMENT	ANNUAL COST	% CONTRIBUTION By Tenant	CONTRIBUTIONS TO THE IRRIGATION COSTS			
							TENANT		LANDOWNER	
ITEMS:							Investment	Annual Ownership	Investment	Annual Ownership
LAND GRADING \$500/ACRE (INTEREST ONLY)		5	0.0500	\$40,000	\$2,000.00	33.0%	\$13,200.00	\$660.00	\$26,800.00	\$1,340.00
POWER UNIT	15	5	0.0917	\$19,000	\$1,741.67	100.0%	\$19,000.00	\$1,741.67	\$0.00	\$0.00
16" WELL 100' DEEP	25	5	0.0650	\$8,400	\$546.00	0.0%	\$0.00	\$0.00	\$8,400.00	\$546.00
14" 1 STAGE TURBINE PUMP	25	5	0.0650	\$9,800	\$637.00	0.0%	\$0.00	\$0.00	\$9,800.00	\$637.00
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$78,300	\$4,996.17		\$32,937.00	\$2,449.57	\$45,363.00	\$2,546.60
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$783.00	67.0%		\$524.61		\$258.39
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST					\$5,879.17			\$3,041.18		\$2,837.99
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.00	\$1,920.00	\$24.00	67.0%		\$16.08		\$7.92
REPAIR & LAND MAINTENANCE		80	\$14.00	\$1,120.00	\$14.00	67.0%		\$9.38		\$4.62
LAYFLAT TUBING (\$325/QUARTER MILE)		80	\$8.00	\$640.00	\$8.00	100.0%		\$8.00		\$0.00
LABOR		80	\$4.00	\$320.00	\$4.00	100.0%		\$4.00		\$0.00
SEED (ADDITIONAL)		80	\$22.00	\$1,760.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		80	\$30.00	\$2,400.00	\$30.00	67.0%		\$20.10		\$9.90
DRYING (ADDITIONAL)		80	\$14.00	\$1,120.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$9,280.00	\$116.00			\$88.94		\$27.06
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$978.75			\$411.71		\$567.04
OWNERSHIP COST PER ACRE IRRIGATED					\$73.49			\$38.01		\$35.47
OPERATING COST PER ACRE IRRIGATED					\$116.00			\$88.94		\$27.06
TOTAL COST PER ACRE IRRIGATED					\$189.49	CALCUALTED SHARE RATE----->		\$126.95 67.0%		\$62.53 33.0%