

2016 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

160 ACRE ELECTRIC DRIVE, LOW PRESSURE, CENTER PIVOT WITH CORNER SYSTEM. 154 ACRES ACTUALLY IRRIGATED

ITEMS:	LIFE	INTEREST RATE	COST FACTOR	INVESTMENT	ANNUAL COST	% CONTRIBUTION By Tenant	CONTRIBUTIONS TO THE IRRIGATION COSTS			
							TENANT		LANDOWNER	
							Investment	Annual Ownership	Investment	Annual Ownership
PIVOT MACHINE, ELECTRIC GENERATOR & CONCRETE PAD	25	5	0.0650	\$145,000	\$9,425.00	67.0%	\$97,150.00	\$6,314.75	\$47,850.00	\$3,110.25
POWER UNIT	15	5	0.0917	\$23,000	\$2,108.33	100.0%	\$23,000.00	\$2,108.33	\$0.00	\$0.00
12" WELL 100' DEEP	25	5	0.0650	\$7,100	\$461.50	0.0%	\$0.00	\$0.00	\$7,100.00	\$461.50
12" 2 STAGE TURBINE PUMP	25	5	0.0650	\$9,500	\$617.50	0.0%	\$0.00	\$0.00	\$9,500.00	\$617.50
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$185,700	\$12,683.83		\$120,887.00	\$8,470.99	\$64,813.00	\$4,212.85
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,857.00	67.0%		\$1,244.19		\$612.81
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST					\$14,640.83			\$9,782.18		\$4,858.66
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.00	\$3,696.00	\$24.00	67.0%		\$16.08		\$7.92
REPAIR & MAINTENANCE		154	\$10.00	\$1,540.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		154	\$4.00	\$616.00	\$4.00	100.0%		\$4.00		\$0.00
SEED (ADDITIONAL)		154	\$26.00	\$4,004.00	\$26.00	100.0%		\$26.00		\$0.00
FERTILIZER (ADDITIONAL)		154	\$38.00	\$5,852.00	\$38.00	67.0%		\$25.46		\$12.54
DRYING (ADDITIONAL)		154	\$14.00	\$2,156.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$17,864.00	\$116.00			\$87.62		\$28.38
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$1,205.84			\$784.98		\$420.86
OWNERSHIP COST PER ACRE IRRIGATED					\$95.07			\$63.52		\$31.55
OPERATING COST PER ACRE IRRIGATED					\$116.00			\$87.62		\$28.38
TOTAL COST PER ACRE IRRIGATED					\$211.07	CALCULATED SHARE RATE----->		\$151.14 71.6%		\$59.93 28.4%