

2018 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

160 ACRE ELECTRIC DRIVE, LOW PRESSURE, CENTER PIVOT WITH CORNER SYSTEM. 154 ACRES ACTUALLY 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
PIVOT MACHINE, ELECTRIC GENERATOR & CONCRETE PAD	25	5	0.0650	\$155,000	\$10,075.00	67.0%	\$103,850.00	\$6,750.25	\$51,150.00	\$3,324.75
POWER UNIT	15	5	0.0917	\$2,800	\$256.67	100.0%	\$2,800.00	\$256.67	\$0.00	\$0.00
12" WELL 100' DEEP	25	5	0.0650	\$6,800	\$442.00	0.0%	\$0.00	\$0.00	\$6,800.00	\$442.00
12" 2 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				\$175,500	\$11,482.17		\$107,387.00	\$7,054.82	\$68,113.00	\$4,427.35
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,755.00	67.0%		\$1,175.85		\$579.15
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST					\$13,337.17			\$8,297.67		\$5,039.50
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.50	\$4,620.00	\$30.00	67.0%		\$20.10		\$9.90
REPAIR & MAINTENANCE		154	\$10.00	\$1,540.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		154	\$5.00	\$770.00	\$5.00	100.0%		\$5.00		\$0.00
SEED (ADDITIONAL)		154	\$22.00	\$3,388.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		154	\$30.00	\$4,620.00	\$30.00	67.0%		\$20.10		\$9.90
DRYING (ADDITIONAL)		154	\$17.00	\$2,618.00	\$17.00	67.0%		\$11.39		\$5.61
TOTAL OPERATING COST				\$17,556.00	\$114.00			\$85.29		\$28.71
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$1,139.61			\$697.32		\$442.29
OWNERSHIP COST PER ACRE IRRIGATED					\$86.60			\$53.88		\$32.72
OPERATING COST PER ACRE IRRIGATED					\$114.00			\$85.29		\$28.71
TOTAL COST PER ACRE IRRIGATED					\$200.60	CALCULATED SHARE RATE----->		\$139.17 69.4%		\$61.43 30.6%