

2018 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

640 ACRE NON TOWABLE ELECTRIC DRIVE, LOW PRESSURE, CENTER PIVOT
 520 ACRES ACTUALLY IRRIGATED

OWNERSHIP COST: 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	\$250,000	\$16,250.00	67.0%	\$167,500.00	\$10,887.50	\$82,500.00	\$5,362.50
POWER UNIT	15	5	0.0917	\$35,000	\$3,208.33	100.0%	\$35,000.00	\$3,208.33	\$0.00	\$0.00
16" WELL 100' DEEP	25	5	0.0650	\$7,800	\$507.00	0.0%	\$0.00	\$0.00	\$7,800.00	\$507.00
14" 3 STAGE TURBINE PUMP	25	5	0.0650	\$13,000	\$845.00	0.0%	\$0.00	\$0.00	\$13,000.00	\$845.00
FUEL TANK	25	5	0.0650	\$1,200	\$78.00	67.0%	\$804.00	\$52.26	\$396.00	\$25.74
TOTAL INVESTMENT				\$307,000	\$20,888.33		\$203,304.00	\$14,148.09	\$103,696.00	\$6,740.24
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$3,070.00	67.0%		\$2,056.90		\$1,013.10
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$200.00	67.0%		\$134.00		\$66.00
ANNUAL OWNERSHIP COST					\$24,158.33			\$16,338.99		\$7,819.34
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.50	\$15,600.00	\$30.00	67.0%		\$20.10		\$9.90
REPAIR & MAINTENANCE		520	\$10.00	\$5,200.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		520	\$5.00	\$2,600.00	\$5.00	100.0%		\$5.00		\$0.00
SEED (ADDITIONAL)		520	\$22.00	\$11,440.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		520	\$30.00	\$15,600.00	\$30.00	67.0%		\$20.10		\$9.90
DRYING (ADDITIONAL)		520	\$17.00	\$8,840.00	\$17.00	67.0%		\$11.39		\$5.61
TOTAL OPERATING COST				\$59,280.00	\$114.00			\$85.29		\$28.71
		SUMMARY								
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$590.38			\$390.97		\$199.42
OWNERSHIP COST PER ACRE IRRIGATED					\$46.46			\$31.42		\$15.04
OPERATING COST PER ACRE IRRIGATED					\$114.00			\$85.29		\$28.71
TOTAL COST PER ACRE IRRIGATED					\$160.46	CALCULATED SHARE RATE----->		\$116.71 72.7%		\$43.75 27.3%