

2016 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	\$240,000	\$15,600.00	67.0%	\$160,800.00	\$10,452.00	\$79,200.00	\$5,148.00
POWER UNIT	15	5	0.0917	\$31,000	\$2,841.67	100.0%	\$31,000.00	\$2,841.67	\$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	\$19,000	\$1,235.00	0.0%	\$0.00	\$0.00	\$19,000.00	\$1,235.00
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$298,900	\$20,255.17		\$192,537.00	\$13,341.57	\$106,363.00	\$6,913.60
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$2,989.00	67.0%		\$2,002.63		\$986.37
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$200.00	67.0%		\$134.00		\$66.00
ANNUAL OWNERSHIP COST					\$23,444.17			\$15,478.20		\$7,965.97
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.00	\$12,480.00	\$24.00	67.0%		\$16.08		\$7.92
REPAIR & MAINTENANCE		520	\$10.00	\$5,200.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		520	\$4.00	\$2,080.00	\$4.00	100.0%		\$4.00		\$0.00
SEED (ADDITIONAL)		520	\$26.00	\$13,520.00	\$26.00	100.0%		\$26.00		\$0.00
FERTILIZER (ADDITIONAL)		520	\$38.00	\$19,760.00	\$38.00	67.0%		\$25.46		\$12.54
DRYING (ADDITIONAL)		520	\$14.00	\$7,280.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$60,320.00	\$116.00			\$87.62		\$28.38
		SUMMARY								
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$574.81			\$370.26		\$204.54
OWNERSHIP COST PER ACRE IRRIGATED					\$45.08			\$29.77		\$15.32
OPERATING COST PER ACRE IRRIGATED					\$116.00			\$87.62		\$28.38
TOTAL COST PER ACRE IRRIGATED					\$161.08	CALCULATED SHARE RATE----->		\$117.39 72.9%		\$43.70 27.1%