

2017 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	\$8,400	\$546.00	0.0%	\$0.00	\$0.00	\$8,400.00	\$546.00
14" 3 STAGE TURBINE PUMP	25	5	0.0650	\$12,000	\$780.00	0.0%	\$0.00	\$0.00	\$12,000.00	\$780.00
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$292,500	\$19,839.17		\$192,537.00	\$13,341.57	\$99,963.00	\$6,497.60
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$2,925.00	67.0%		\$1,959.75		\$965.25
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$200.00	67.0%		\$134.00		\$66.00
ANNUAL OWNERSHIP COST					\$22,964.17			\$15,435.32		\$7,528.85
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	\$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	\$14.00	\$7,280.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$54,080.00	\$104.00			\$78.26		\$25.74
		SUMMARY								
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$562.50			\$370.26		\$192.24
OWNERSHIP COST PER ACRE IRRIGATED					\$44.16			\$29.68		\$14.48
OPERATING COST PER ACRE IRRIGATED					\$104.00			\$78.26		\$25.74
TOTAL COST PER ACRE IRRIGATED					\$148.16	CALCULATED SHARE RATE----->		\$107.94 72.9%		\$40.22 27.1%