

The following pages represent a single crop budget but at 3 levels of detail and for 3 planning yield levels

Abstract level budget - The most summarized version of a budget. (e.g., a single line represents all fertilizer costs)

Summary level budget - A more detailed crop budget. (e.g., Fertilizer is broken out into N, P, K)

Detailed level budget - All the detail for producing a crop. (e.g., The specific fertilizers are listed).

Middle yield - The basic crop budget for a region and crop.

A detailed, summary, and abstract level budget are included for the middle yield.

Low and High yield - Budgets based on the middle yield but with a lower/higher yield goal (and irrigation level).

These high and low yield level budgets only include the abstract level budgets.

The 2 tables below are sensitivity tables that show the returns over direct costs and the returns over total costs

The tables have the basic budget price in the middle column

On either side of the base price are potential prices 5% and 10% above and below this base price

For irrigated budgets the 3 yield levels are also associated with different irrigation levels

4.0 inches of water for LOW yields

8.0 inches of water for MIDDLE yields

12.0 inches of water for HIGH yields

TABLE 1. RETURNS OVER DIRECT COSTS

| | | Prices | | | | | |
|--------|---------|---------|---------|---------|---------|---------|--------------|
| | | \$10.94 | \$11.54 | \$12.15 | \$12.76 | \$13.37 | |
| Yields | 48.0 ll | \$246 | \$276 | \$305 | \$334 | \$363 | Low yield |
| | 58.0 ll | \$280 | \$315 | \$350 | \$386 | \$421 | Middle yield |
| | 68.0 ll | \$383 | \$424 | \$465 | \$507 | \$548 | High yield |

TABLE 2. RETURNS OVER TOTAL COSTS

| | | Prices | | | | | |
|--------|---------|---------|---------|---------|---------|---------|--------------|
| | | \$10.94 | \$11.54 | \$12.15 | \$12.76 | \$13.37 | |
| Yields | 48.0 ll | -\$264 | -\$234 | -\$205 | -\$176 | -\$147 | Low yield |
| | 58.0 ll | -\$230 | -\$195 | -\$160 | -\$124 | -\$89 | Middle yield |
| | 68.0 ll | -\$127 | -\$86 | -\$45 | -\$3 | \$38 | High yield |

2024 Irrigated Canola Cost-Return Budget

-----Southwest Kansas - MIDDLE YIELDS

Gregg Ibendahl, Daniel O'Brien, Sarah Lancaster, Mike Stamm, and John Holman

Budget abstract

Date: Nov-01-2023

| item | unit | price | quantity | amount | Sub-total | your farm |
|---|------|---------|----------|-------------------------------|-----------|-----------|
| INCOME | | | | | | |
| Product | | | | | | |
| Canola - South Central KS | bu | \$12.15 | 58.00 | \$704.70 | \$704.70 | _____ |
| | | | | | ----- | |
| --TOTAL INCOME-- | | | | | \$704.70 | _____ |
| DIRECT EXPENSES | | | | | | |
| Additional labor | | | | | \$1.61 | _____ |
| Crop insurance | | | | | \$26.25 | _____ |
| Custom Operations | | | | | \$33.21 | _____ |
| Diesel | | | | | \$22.91 | _____ |
| Fertilizers | | | | | \$111.15 | _____ |
| Herbicides | | | | | \$26.46 | _____ |
| Insecticides | | | | | \$18.00 | _____ |
| Irrigation energy (NG) | | | | | \$21.57 | _____ |
| Irrigation labor | | | | | \$5.44 | _____ |
| Miscellaneous | | | | | \$9.07 | _____ |
| Operator labor | | | | | \$10.89 | _____ |
| Repair & Maintenance | | | | | \$22.03 | _____ |
| Seeds | | | | | \$32.00 | _____ |
| Interest on operating capital | | | | 8% percent on direct expenses | \$13.62 | _____ |
| | | | | | ----- | |
| --TOTAL DIRECT EXPENSES-- | | | | | \$354.21 | _____ |
| -----Total direct expenses per bu \$6.11 | | | | | | |
| FIXED EXPENSES | | | | | | |
| Cash rent | | | | | \$195.00 | _____ |
| Capital recovery (depreciation + interest) | | | | | \$314.99 | _____ |
| | | | | | ----- | |
| --TOTAL FIXED EXPENSES-- | | | | | \$509.99 | _____ |
| -----Total expenses per bu \$14.9 | | | | | | |
| RETURNS ABOVE DIRECT EXPENSES | | | | | ===== | \$350.49 |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | | | -\$159.50 |

8 acre-inches of water applied
 300 foot well depth
 \$ 2.7 fuel cost per acre-inch of water applied
 .71 Mcf of natural gas per acre-inch of water applied
 \$ 3.78 per Mcf for cost of natural gas
 5.71 Mcf of fuel used in total

2024 Irrigated Canola Cost-Return Budget

-----Southwest Kansas - MIDDLE YIELDS

Gregg Ibendahl, Daniel O'Brien, Sarah Lancaster, Mike Stamm, and John Holman

Summary page(s)

Date: Nov-01-2023

| item | unit | price | quantity | amount | Sub-total | your farm |
|---------------------------------|------|---------|----------|----------|-----------|-----------|
| INCOME | | | | | | |
| Product | | | | | | |
| Canola - South Central KS | bu | \$12.15 | 58.00 | \$704.70 | \$704.70 | _____ |
| | | | | | \$704.70 | _____ |
| --TOTAL INCOME-- | | | | | | |
| DIRECT EXPENSES | | | | | | |
| Additional labor | | | | | | |
| Fertilizer application | | | | \$0.27 | | |
| Planting | | | | \$0.94 | | |
| Spraying | | | | \$0.40 | \$1.61 | _____ |
| Crop insurance | | | | | | |
| ----- | | | | \$26.25 | \$26.25 | _____ |
| Custom Operations | | | | | | |
| Fertilizer application | | | | \$18.18 | | |
| Hay | | | | \$15.03 | \$33.21 | _____ |
| Diesel | | | | | | |
| Fertilizer application | | | | \$1.68 | | |
| Harvesting | | | | \$6.75 | | |
| Hauling | | | | \$3.95 | | |
| Planting | | | | \$2.88 | | |
| Spraying | | | | \$3.23 | | |
| Tillage | | | | \$4.43 | \$22.91 | _____ |
| Fertilizers | | | | | | |
| Pre-plant | | | | \$49.15 | | |
| Nitrogen | lbs | \$0.65 | 145.00 | \$93.96 | | |
| Phosphorus | lbs | \$0.64 | 27.00 | \$17.19 | | |
| Potassium | lbs | \$0.00 | 0.00 | \$0.00 | | |
| Lime | lbs | \$0.00 | 0.00 | \$0.00 | \$111.15 | _____ |
| Herbicides | | | | | | |
| Burndown | | | | \$9.27 | | |
| Post-emergence | | | | \$17.19 | \$26.46 | _____ |
| Insecticides | | | | | | |
| ----- | | | | \$18.00 | \$18.00 | _____ |
| Irrigation energy (NG) | | | | | | |
| Irrigation | | | | \$21.57 | \$21.57 | _____ |
| Irrigation labor | | | | | | |
| Irrigation | | | | \$5.44 | \$5.44 | _____ |
| Miscellaneous | | | | | | |
| ----- | | | | \$9.07 | \$9.07 | _____ |
| Operator labor | | | | | | |
| Fertilizer application | | | | \$0.88 | | |
| Harvesting | | | | \$2.45 | | |
| Hauling | | | | \$2.45 | | |
| Planting | | | | \$1.51 | | |
| Spraying | | | | \$1.27 | | |
| Tillage | | | | \$2.33 | \$10.89 | _____ |
| Repair & Maintenance | | | | | | |
| Fertilizer application | | | | \$2.85 | | |
| Harvesting | | | | \$7.04 | | |

2024 Irrigated Canola Cost-Return Budget

-----Southwest Kansas - MIDDLE YIELDS

Gregg Ibendahl, Daniel O'Brien, Sarah Lancaster, Mike Stamm, and John Holman

Summary page(s)

Date: Nov-01-2023

| item | unit | price | quantity | amount | Sub-total | your farm |
|---|-------------------------------|-------|----------|----------|-----------|-----------|
| Hauling | ----- | | | \$2.25 | | |
| Irrigation | ----- | | | \$2.88 | | |
| Planting | ----- | | | \$2.60 | | |
| Spraying | ----- | | | \$1.36 | | |
| Tillage | ----- | | | \$3.04 | \$22.03 | _____ |
| Seeds | ----- | | | \$32.00 | \$32.00 | _____ |
| Interest on operating capital | 8% percent on direct expenses | | | \$13.62 | \$13.62 | _____ |
| --TOTAL DIRECT EXPENSES-- | | | | | \$354.21 | |
| -----Total direct expenses per bu \$6.11 | | | | | | |
| FIXED EXPENSES | | | | | | |
| Cash rent | ----- | | | \$195.00 | \$195.00 | _____ |
| Capital recovery (depreciation + interest) | | | | | | |
| Fertilizer application | ----- | | | \$7.36 | | |
| Harvesting | ----- | | | \$29.83 | | |
| Hauling | ----- | | | \$9.31 | | |
| Irrigation | ----- | | | \$234.04 | | |
| Planting | ----- | | | \$9.45 | | |
| Spraying | ----- | | | \$10.55 | | |
| Tillage | ----- | | | \$14.46 | \$314.99 | _____ |
| --TOTAL FIXED EXPENSES-- | | | | | \$509.99 | |
| -----Total expenses per bu \$14.9 | | | | | | |
| RETURNS ABOVE DIRECT EXPENSES | | | | | \$350.49 | |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | | -\$159.50 | |

8 acre-inches of water applied
 300 foot well depth
 \$ 2.7 fuel cost per acre-inch of water applied
 .71 Mcf of natural gas per acre-inch of water applied
 \$ 3.78 per Mcf for cost of natural gas
 5.71 Mcf of fuel used in total

2024 Irrigated Canola Cost-Return Budget

-----Southwest Kansas - MIDDLE YIELDS

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Detailed budget page(s)

Date: Nov-01-2023

| item | unit | price | quantity | amount | Sub-total | your farm |
|---|------|---------|----------|----------|-----------|-----------|
| INCOME | | | | | | |
| Product | | | | | | |
| Canola - South Central KS | bu | \$12.15 | 58.00 | \$704.70 | \$704.70 | _____ |
| Other | | | | | | |
| Govt payments, indemnity payments, etc. | | | | | | _____ |
| --TOTAL INCOME-- | | | | | \$704.70 | _____ |
| DIRECT EXPENSES | | | | | | |
| Additional labor | | | | | | |
| Fertilizer application | | | | | | |
| Nutrient applicator_60 ft with Tractor(200-249hp)CB | hour | \$15.00 | 0.02 | \$0.27 | | |
| Planting | | | | | | |
| Grain Drill_30' with Tractor(200-249hp)CB | hour | \$15.00 | 0.06 | \$0.94 | | |
| Spraying | | | | | | |
| Sprayer 1000gal_100' 300hp with Sprayer 1000gal | hour | \$15.00 | 0.03 | \$0.40 | \$1.61 | _____ |
| Crop insurance | | | | | | |
| ----- | | | | | | |
| Canola_SC_Dry | acre | \$26.25 | 1.00 | \$26.25 | \$26.25 | _____ |
| Custom Operations | | | | | | |
| Fertilizer application | | | | | | |
| Application of Anhydrous Ammonia | acre | \$18.18 | 1.00 | \$18.18 | | |
| Hay | | | | | | |
| Swathing and Conditioning | acre | \$15.03 | 1.00 | \$15.03 | \$33.21 | _____ |
| Diesel | | | | | | |
| Fertilizer application | | | | | | |
| Nutrient applicator_60 ft with Tractor(200-249hp)CB | gal | \$3.95 | 0.42 | \$1.68 | | |
| Harvesting | | | | | | |
| Header Wheat/Sorghum_25' Rigid with Combine (300-349 | gal | \$3.95 | 1.71 | \$6.75 | | |
| Hauling | | | | | | |
| Grain Cart Wht/Sor_700 bu with Tractor(180-199hp)CB | gal | \$3.95 | 1.00 | \$3.95 | | |
| Planting | | | | | | |
| Grain Drill_30' with Tractor(200-249hp)CB | gal | \$3.95 | 0.73 | \$2.88 | | |
| Spraying | | | | | | |
| Sprayer 1000gal_100' 300hp with Sprayer 1000gal | gal | \$3.95 | 0.82 | \$3.23 | | |
| Tillage | | | | | | |
| Disk Harrow_32' with Tractor(200-249hp)CB | gal | \$3.95 | 0.71 | \$2.81 | | |
| Field Cultivate Fld_42' with Tractor(200-249hp)CB | gal | \$3.95 | 0.41 | \$1.63 | \$22.91 | _____ |
| Fertilizers | | | | | | |
| Pre-plant | | | | | | |
| Anhydrous | lb | \$0.41 | 70.00 | \$28.35 | | |
| MAP (11-52-0) | lb | \$0.40 | 52.00 | \$20.80 | | |
| Side-dressed | | | | | | |
| Ammonium Thiosulfate | lb | \$0.17 | 100.00 | \$17.00 | | |
| UAN28 | lb | \$0.18 | 250.00 | \$45.00 | \$111.15 | _____ |
| - - - ACTUAL POUNDS - 145 lb - N, 27 lb - P, 0 lb - K | | | | | | |
| Herbicides | | | | | | |
| Burndown | | | | | | |
| Gramoxone SL | oz | \$0.29 | 32.00 | \$9.27 | | |
| Post-emergence | | | | | | |
| Roundup PowerMax | oz | \$0.39 | 44.00 | \$17.19 | \$26.46 | _____ |
| Insecticides | | | | | | |
| ----- | | | | | | |
| Transform WG | oz | \$8.00 | 1.00 | \$8.00 | | |

2024 Irrigated Canola Cost-Return Budget

-----Southwest Kansas - MIDDLE YIELDS

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Detailed budget page(s)

Date: Nov-01-2023

| item | unit | price | quantity | amount | Sub-total | your farm |
|--|-------|----------|----------|---------------------------------------|-----------|-----------|
| Warrior II/Zeon | oz | \$2.50 | 4.00 | \$10.00 | \$18.00 | _____ |
| Irrigation energy (NG) | | | | | | |
| Irrigation | | | | | | |
| Well, pump, and gearhead | ac-in | \$2.70 | 8.00 | \$21.57 | \$21.57 | _____ |
| Irrigation labor | | | | | | |
| Irrigation | | | | | | |
| Well, pump, and gearhead | hour | \$17.00 | 0.32 | \$5.44 | \$5.44 | _____ |
| Miscellaneous | | | | | | |
| ----- | | | | | | |
| Canola_SC_Dry | acre | \$9.07 | 1.00 | \$9.07 | \$9.07 | _____ |
| Operator labor | | | | | | |
| Fertilizer application | | | | | | |
| Nutrient applicator_60 ft with Tractor(200-249hp)CB | hour | \$20.00 | 0.04 | \$0.88 | | |
| Harvesting | | | | | | |
| Header Wheat/Sorghum_25' Rigid with Combine (300-349 | hour | \$20.00 | 0.12 | \$2.45 | | |
| Hauling | | | | | | |
| Grain Cart Wht/Sor_700 bu with Tractor(180-199hp)CB | hour | \$20.00 | 0.12 | \$2.45 | | |
| Planting | | | | | | |
| Grain Drill_30' with Tractor(200-249hp)CB | hour | \$20.00 | 0.08 | \$1.51 | | |
| Spraying | | | | | | |
| Sprayer 1000gal_100' 300hp with Sprayer 1000gal | hour | \$20.00 | 0.06 | \$1.27 | | |
| Tillage | | | | | | |
| Disk Harrow_32' with Tractor(200-249hp)CB | hour | \$20.00 | 0.07 | \$1.47 | | |
| Field Cultivate Fld_42' with Tractor(200-249hp)CB | hour | \$20.00 | 0.04 | \$0.85 | \$10.89 | _____ |
| Repair & Maintenance | | | | | | |
| Fertilizer application | | | | | | |
| Nutrient applicator_60 ft with Tractor(200-249hp)CB | hour | \$155.70 | 0.02 | \$2.85 | | |
| Harvesting | | | | | | |
| Header Wheat/Sorghum_25' Rigid with Combine (300-349 | hour | \$68.95 | 0.10 | \$7.04 | | |
| Hauling | | | | | | |
| Grain Cart Wht/Sor_700 bu with Tractor(180-199hp)CB | hour | \$22.08 | 0.10 | \$2.25 | | |
| Irrigation | | | | | | |
| Well, pump, and gearhead | ac-in | \$0.36 | 8.00 | \$2.88 | | |
| Planting | | | | | | |
| Grain Drill_30' with Tractor(200-249hp)CB | hour | \$41.29 | 0.06 | \$2.60 | | |
| Spraying | | | | | | |
| Sprayer 1000gal_100' 300hp with Sprayer 1000gal | hour | \$128.30 | 0.01 | \$1.36 | | |
| Tillage | | | | | | |
| Disk Harrow_32' with Tractor(200-249hp)CB | hour | \$32.99 | 0.06 | \$2.02 | | |
| Field Cultivate Fld_42' with Tractor(200-249hp)CB | hour | \$28.65 | 0.04 | \$1.02 | \$22.03 | _____ |
| Seeds | | | | | | |
| ----- | | | | | | |
| Canola - Roundup Ready | lb | \$8.00 | 4.00 | \$32.00 | \$32.00 | _____ |
| Interest on operating capital | | | | | | |
| | | | | 8% percent on direct expenses \$13.62 | \$13.62 | _____ |
| --TOTAL DIRECT EXPENSES-- | | | | | \$354.21 | |
| -----Total direct expenses per bu \$6.11 | | | | | | |
| FIXED EXPENSES | | | | | | |
| Cash rent | | | | | | |
| ----- | | | | | | |
| All crops_SC_Irr | acre | \$195.00 | 1.00 | \$195.00 | \$195.00 | _____ |
| Capital recovery (depreciation + interest) | | | | | | |

2024 Irrigated Canola Cost-Return Budget

-----Southwest Kansas - MIDDLE YIELDS

Gregg Ibendahl, Daniel O'Brien, Sarah Lancaster, Mike Stamm, and John Holman

Detailed budget page(s)

Date: Nov-01-2023

| item | unit | price | quantity | amount | Sub-total | your farm |
|--|------|----------|----------|----------|-----------|-----------|
| Fertilizer application | | | | | | |
| Nutrient applicator_60 ft with Tractor(200-249hp)CB | hour | \$401.32 | 0.02 | \$7.36 | | |
| Harvesting | | | | | | |
| Header Wheat/Sorghum_25' Rigid with Combine (300-349 | hour | \$291.96 | 0.10 | \$29.83 | | |
| Hauling | | | | | | |
| Grain Cart Wht/Sor_700 bu with Tractor(180-199hp)CB | hour | \$91.12 | 0.10 | \$9.31 | | |
| Irrigation | | | | | | |
| Irrigation - Center Pivot | acre | \$89.25 | 1.00 | \$89.25 | | |
| Power unit | acre | \$31.29 | 1.00 | \$31.29 | | |
| Well, pump, and gearhead | acre | \$113.49 | 1.00 | \$113.49 | | |
| Planting | | | | | | |
| Grain Drill_30' with Tractor(200-249hp)CB | hour | \$150.33 | 0.06 | \$9.45 | | |
| Spraying | | | | | | |
| Sprayer 1000gal_100' 300hp with Sprayer 1000gal | hour | \$997.76 | 0.01 | \$10.55 | | |
| Tillage | | | | | | |
| Disk Harrow_32' with Tractor(200-249hp)CB | hour | \$135.99 | 0.06 | \$8.35 | | |
| Field Cultivate Fld_42' with Tractor(200-249hp)CB | hour | \$171.82 | 0.04 | \$6.11 | \$314.99 | |
| | | | | | ----- | |
| --TOTAL FIXED EXPENSES-- | | | | | \$509.99 | |
| -----Total expenses per bu \$14.9 | | | | | | |
| | | | | | ===== | |
| RETURNS ABOVE DIRECT EXPENSES | | | | | \$350.49 | |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | | -\$159.50 | |

8 acre-inches of water applied
 300 foot well depth
 \$ 2.7 fuel cost per acre-inch of water applied
 .71 Mcf of natural gas per acre-inch of water applied
 \$ 3.78 per Mcf for cost of natural gas
 5.71 Mcf of fuel used in total

2024 Irrigated Canola Cost-Return Budget

-----Southwest Kansas - LOW YIELDS

Gregg Ibendahl, Daniel O'Brien, Sarah Lancaster, Mike Stamm, and John Holman

Budget abstract

Date: Nov-01-2023

| item | unit | price | quantity | amount | Sub-total | your farm |
|---|------|---------|----------|----------|-----------|-----------|
| INCOME | | | | | | |
| Product | | | | | | |
| Canola - South Central KS | bu | \$12.15 | 48.00 | \$583.20 | \$583.20 | _____ |
| | | | | | ----- | |
| --TOTAL INCOME-- | | | | | \$583.20 | _____ |
| DIRECT EXPENSES | | | | | | |
| Additional labor | | | | | \$1.61 | _____ |
| Crop insurance | | | | | \$26.25 | _____ |
| Custom Operations | | | | | \$0.00 | _____ |
| Diesel | | | | | \$22.91 | _____ |
| Fertilizers | | | | | \$91.99 | _____ |
| Herbicides | | | | | \$26.46 | _____ |
| Insecticides | | | | | \$18.00 | _____ |
| Irrigation energy (NG) | | | | | \$10.78 | _____ |
| Irrigation labor | | | | | \$2.72 | _____ |
| Miscellaneous | | | | | \$9.07 | _____ |
| Operator labor | | | | | \$10.89 | _____ |
| Repair & Maintenance | | | | | \$20.59 | _____ |
| Seeds | | | | | \$26.48 | _____ |
| Interest on operating capital | | | | | \$10.71 | _____ |
| | | | | | ----- | |
| --TOTAL DIRECT EXPENSES-- | | | | | \$278.46 | _____ |
| -----Total direct expenses per bu | | | | | \$5.8 | |
| FIXED EXPENSES | | | | | | |
| Cash rent | | | | | \$195.00 | _____ |
| Capital recovery (depreciation + interest) | | | | | \$314.99 | _____ |
| | | | | | ----- | |
| --TOTAL FIXED EXPENSES-- | | | | | \$509.99 | _____ |
| -----Total expenses per bu | | | | | \$16.43 | |
| RETURNS ABOVE DIRECT EXPENSES | | | | | ===== | |
| | | | | | \$304.74 | |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | | | |
| | | | | | ----- | |
| | | | | | -\$205.25 | |

4 acre-inches of water applied
 300 foot well depth
 \$ 2.7 fuel cost per acre-inch of water applied
 .71 Mcf of natural gas per acre-inch of water applied
 \$ 3.78 per Mcf for cost of natural gas
 2.85 Mcf of fuel used in total

2024 Irrigated Canola Cost-Return Budget

-----Southwest Kansas - HIGH YIELDS

Gregg Ibendahl, Daniel O'Brien, Sarah Lancaster, Mike Stamm, and John Holman

Budget abstract

Date: Nov-01-2023

| item | unit | price | quantity | amount | Sub-total | your farm |
|---|------|-------------------------------|----------|----------|-----------|-----------|
| INCOME | | | | | | |
| Product | | | | | | |
| Canola - South Central KS | bu | \$12.15 | 68.00 | \$826.20 | \$826.20 | _____ |
| | | | | | ----- | |
| --TOTAL INCOME-- | | | | | \$826.20 | _____ |
| DIRECT EXPENSES | | | | | | |
| Additional labor | | | | | \$1.61 | _____ |
| Crop insurance | | | | | \$26.25 | _____ |
| Custom Operations | | | | | \$0.00 | _____ |
| Diesel | | | | | \$22.91 | _____ |
| Fertilizers | | | | | \$130.31 | _____ |
| Herbicides | | | | | \$26.46 | _____ |
| Insecticides | | | | | \$18.00 | _____ |
| Irrigation energy (NG) | | | | | \$32.35 | _____ |
| Irrigation labor | | | | | \$8.16 | _____ |
| Miscellaneous | | | | | \$9.07 | _____ |
| Operator labor | | | | | \$10.89 | _____ |
| Repair & Maintenance | | | | | \$23.47 | _____ |
| Seeds | | | | | \$37.52 | _____ |
| Interest on operating capital | | 8% percent on direct expenses | | | \$13.88 | _____ |
| | | | | | ----- | |
| --TOTAL DIRECT EXPENSES-- | | | | | \$360.88 | _____ |
| -----Total direct expenses per bu \$5.31 | | | | | | |
| FIXED EXPENSES | | | | | | |
| Cash rent | | | | | \$195.00 | _____ |
| Capital recovery (depreciation + interest) | | | | | \$314.99 | _____ |
| | | | | | ----- | |
| --TOTAL FIXED EXPENSES-- | | | | | \$509.99 | _____ |
| -----Total expenses per bu \$12.81 | | | | | | |
| RETURNS ABOVE DIRECT EXPENSES | | | | | \$465.32 | ===== |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | | -\$44.67 | |

12 acre-inches of water applied
 300 foot well depth
 \$ 2.7 fuel cost per acre-inch of water applied
 .71 Mcf of natural gas per acre-inch of water applied
 \$ 3.78 per Mcf for cost of natural gas
 8.56 Mcf of fuel used in total