



Western Kansas Groundwater Management District #1



Onboarding for DOC Irrigation Technology Initiatives Irrigation System Evaluations And RCPP-DOC-High Plains Aquifer Project

Pre-Test Deliverables Required from Producers Before Evaluation

Please Fill Out This Form (Both Sides)

Field Name: _____
 Legals: _____ Lat/Long: _____, - _____ Decimal Degrees
 Farm Name: _____ Contact: _____
 Cell #: _____ Email: _____
 Water Right File Number: _____
 PDIV #: _____

- 1) From Google Earth Pro please find the following (*Include in sketch on Page 3*)
 Elevations at each of the following field locations:
 Each well/pump: _____
 Base of Pivot: _____
 At End Tower: Highest: _____ Lowest: _____
- 2) Sprinkler package Design from WISH, V-Chart, Z-Chart or others. If WISH, # _____
 GPM: _____ PSI on top at pivot: _____

Please provide the sprinkler package if available.

- 3) Please print the following documents from the Kansas Geological Survey if available, using the link provided below *No. 3 (d)* or can be accessed using the QR code below.
 - a. WIMAS – A page for each active well with an annual water use table if available
 - b. WWC5 – Print the Well Drillers Log for each well if available
 - c. WIZARD – A page for any of the wells or a nearby well if available
 - d. <https://kgs.ku.edu/water-resources-and-geohydrology> 
- 4) Pump details from an invoice or otherwise
 - a. Depth of Well: _____
 - b. Depth of Pump intake: _____
 - c. Pump Assembly Details and Design
 - i. Model # : _____
 - ii. Number of stages and trim Full or otherwise
 - iii. Design Q-gpm: _____ Design Total Dynamic Head, TDH-ft: _____



- 5) PSI/Position graph from the last full year’s growing season - AgSense, FieldNet, FieldWise, AP (*Desired location is the end tower of the pivot.*)
- 6) LEMA Allocation 5-Year: _____
- 7) LEMA Allocation Remaining: _____

8) Does the well have an access port for water level measurements using an electrical sounder cable or steel tape? *(If the well does not have access the system evaluator may need to create one during the evaluation)*

Please provide a picture of the well and access point.

9) Are there pressure gauge Isolation Valve attachments at the following locations? *(please circle all applicable)* If not present please install prior to evaluation.

- a. Pump discharge
- b. Before/After each butterfly valve
- c. Base of pivot or on riser

10) Please provide Annual Energy Usage for the system being evaluated in printed or PDF format.

- a. Electrical ie. Midwest Energy Annual Water Use Report kw hours, \$ total
- b. Diesel delivered to each pumping plant if available
- c. Natural Gas delivered to each pumping plant if available

11) Yield map from the previous year.

12) Cropping for previous year and current year.

Current Year: Full Circle or Half Circle? _____

Crop Type: _____

Previous Year: Full Circle or Half Circle? _____

Crop Type: _____

Please provide any other comments or details about management practices that you feel may be helpful to the evaluator.

Instructions: Please sketch out the center pivot (**P**), the location of the well(s) (**W**), the highest (**H**) and lowest (**L**) elevation at the end tower, and the mainline/pipeline from the well to the pivot (diameter of pipeline). Also, please indicate the elevation at the pivot.

Example Below

