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| **Incident Name:**  Rhea  OK-OKS-000818 | **IR Interpreter(s):**  Bob Brantlinger  970-769-6551  rbrantlinger@fs.fed.us | **Local Dispatch Phone:**  AOICC  501-321-5232 | **Interpreted Size:**  288,639 Acres  **Growth :** 0 Acres |
| **Flight Time:**  0120 (CDT)  **Flight Date:**  04/21/2018 | **Interpreter(s) location:**  Durango, CO.  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Tom Mellin  **GACC IR Liaison Phone:**  505-301-8167 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Scott Crosby  405-380-7511 | **A Number:**  A -89 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Boyce, Johnson / Smith |
| **IRIN Comments on imagery:**  7 passes, Ortho and Color, Very Cloudy on eastern half of imagery. | | **Weather at time of flight:**  Ground Fog / Clouds | **Flight Objective:**  Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**  04/22/2018 – 0200 (CDT) | | **Type of media for final product:**  Shape files, KMZ, PDF, and IRIN Log  **Digital files sent to: NIFC FTP @**  /incident\_specific\_data/southern/Oklahoma/2018/Rhea/IR/20180423/ | |
| **Date and Time Products Delivered to Incident:**  04/22/2018 –0400 (CDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started IR interpretation with perimeter from incident named: Event poly in “20180421\_1900.gdb”  Start – 288,639 Acres  End – 288,639 Acres  Growth - 0 Acres  Aircraft reported that the scan box had changed from 1500 (MDT). It’s OK to change the box but we need to know if the box is updated after 1500, to update coordinates in flight plan route.  Aircraft needed to shorten the east west runs due to heavy ground fog on the east side. Shortened to the 98.50 line.  Significant Ground fog/cloud cover over a majority of the incident. Mapped areas covered with fog/clouds are unable to get heat trips due to water vapor absorbing IR signals.  Perimeter Growth – No perimeter Growth    Intense Heat – No Intense Heat  Scattered Heat – No Scattered Heat  Isolated Heat Sources – I marked all the heat trips on the scans, looking closely, I noticed there were multiple false hits on Oil-Gas facilities, silos etc.  There was a group of heat hits outside perimeter, South of E0610 road and east of N2230 Rd, approx. 1/10th of a mile north of perimeter.  Lat/Long was added to the shapefile attribute table for all isolated heat points. All maps are georeferenced for use in Avenza and other apps. | | | |