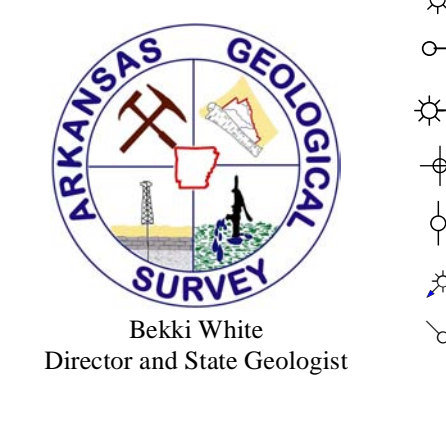


Fayetteville Shale Gas Play, Jackson County

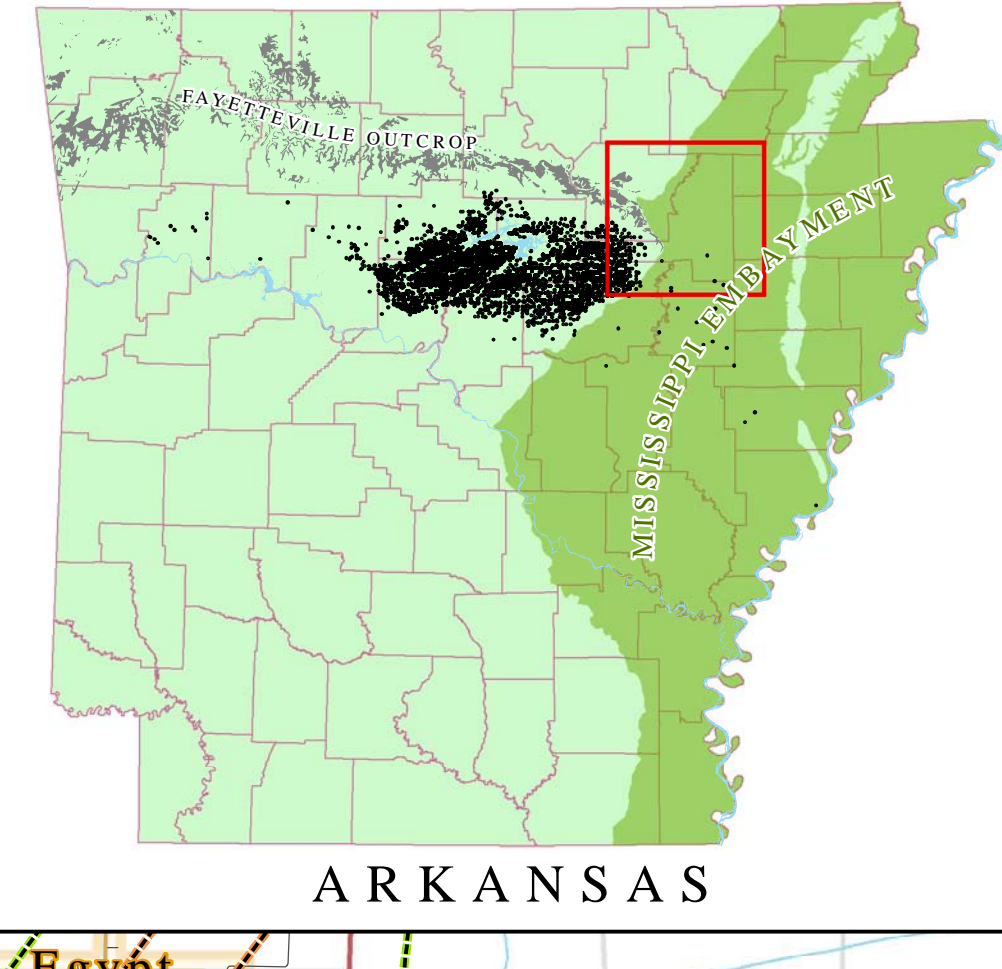
 <p>Arkansas Geological Survey Brett White Director and State Geologist</p>	<ul style="list-style-type: none">Permitted/Proposed Vertical Gas WellVertical Gas WellPermitted/Proposed Horizontal Gas WellHorizontal Gas WellPlugged and/or Abandoned Gas WellShut-In Gas WellInjection WellProposed Injection Well, pending application	<ul style="list-style-type: none">Fayetteville ShaleMoorefield ShaleChautauque ShaleAlbion Sandstones (conventional)Marion Sandstones (conventional)AshlockBooneSt. PeterBatesville Sandstones (conventional)Prater ChertTicket	<ul style="list-style-type: none">Gas PipelineOil PipelineProduct PipelineInterstateUS HwySt HwyRoads	<ul style="list-style-type: none">County BoundaryCity LimitsPLSS TownshipPLSS SectionWater bodyStreamRoadsFayetteville Outcrop
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Well data as of 8 January 2016

DISCLAIMER

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