

Wyoming Fluids Conference

By

Steven Wells

BLM New Mexico State Office

www.nm.blm.gov

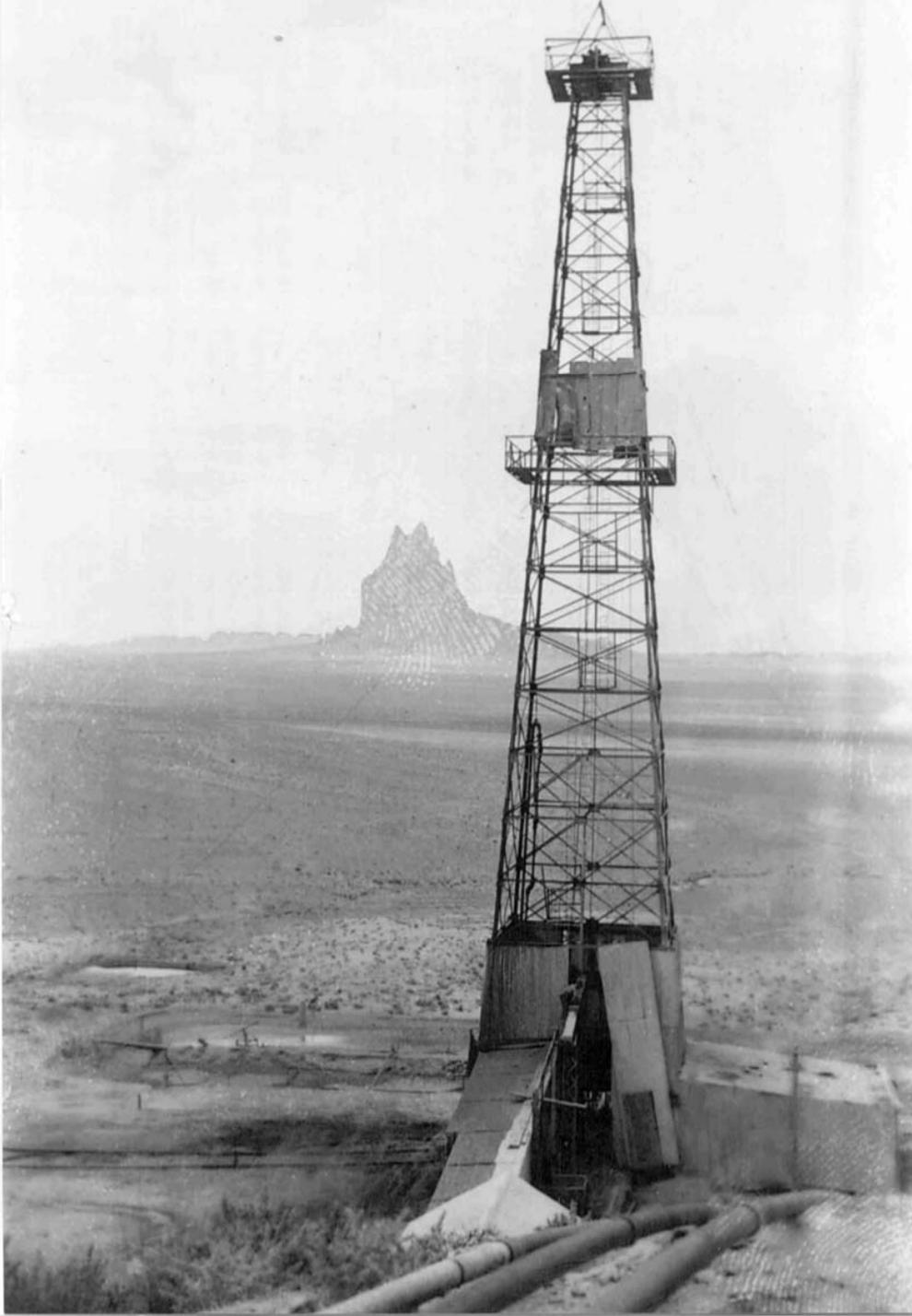
Program Triangle



Planning

■ Permitting

I & E



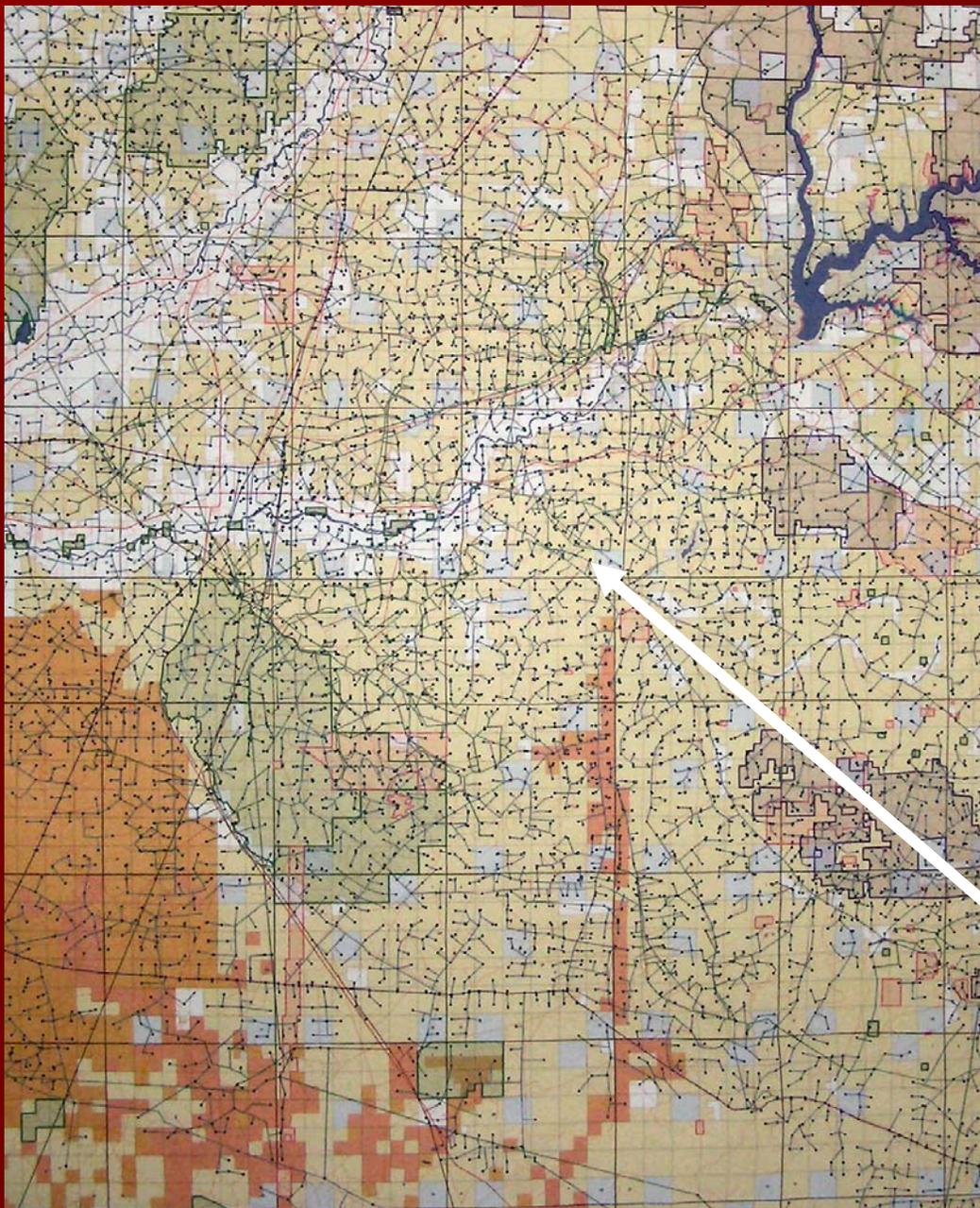
**Oil and Gas Drilling
In the San Juan Basin
Began in the 1920s**

**Approx. 98% of the
Basin Is Leased**

**Approx. 2,300 Leases
Cover Federal Minerals
In The Basin**

**Most Leases Sold Prior
To NEPA, FLPMA
(often diminished)**

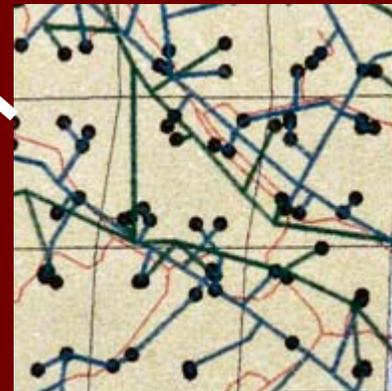




**The San Juan Basin
Contains Over
18,000 Active Wells**

**Estimated that more
than 30,000 wells
drilled in history of
Basin**

**Approx. 17,000 Miles
of Road in San Juan
County**



Leave No Trace Legacy Footprints

- Aerial seeding, 11000 pounds
- Produced water, well site application
- Roads, decommission by trans group
- Produced water use

PRODUCED WATER USE

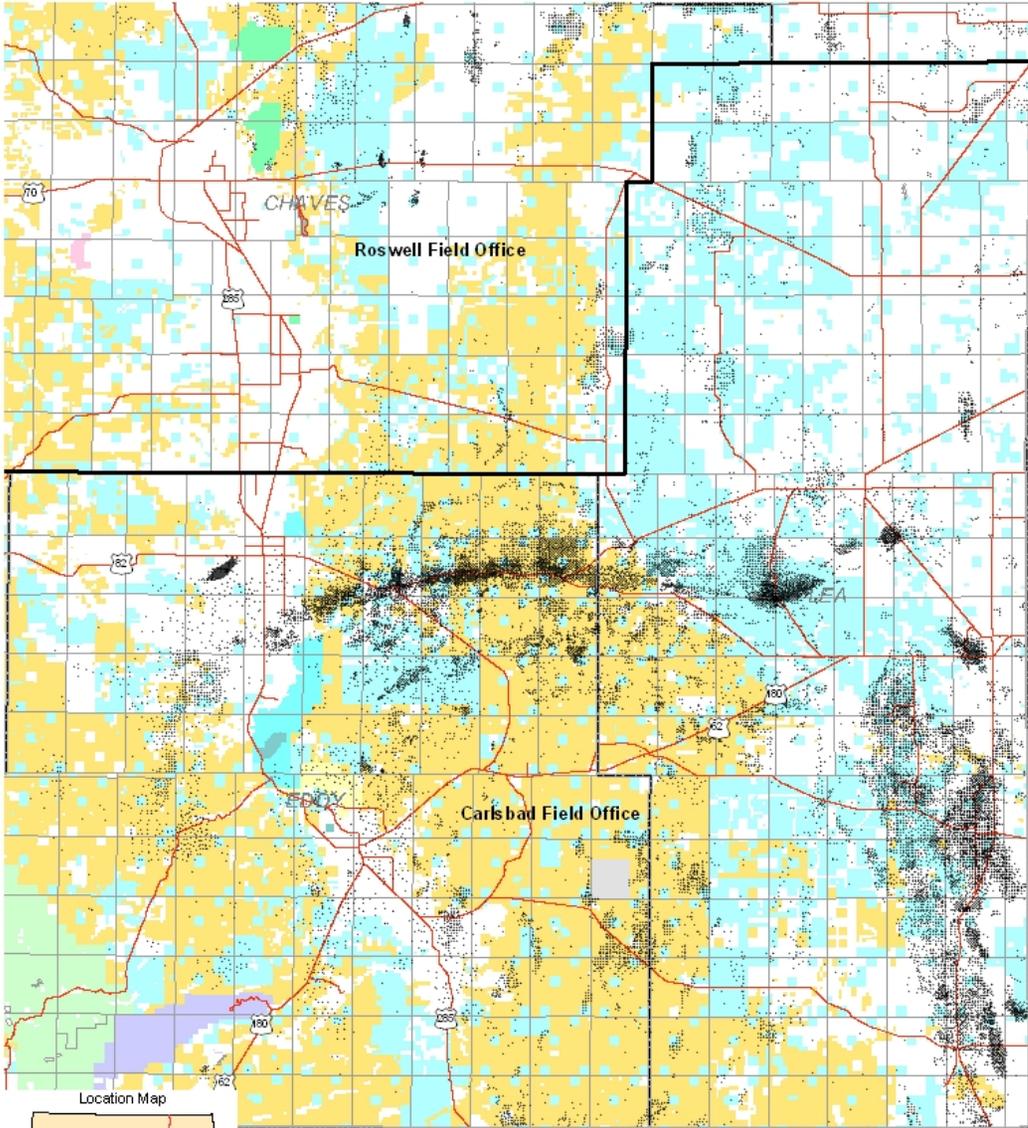




Mini-me-ized



Oil and Gas Activity in the Permian Basin New Mexico

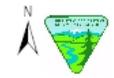


Location Map

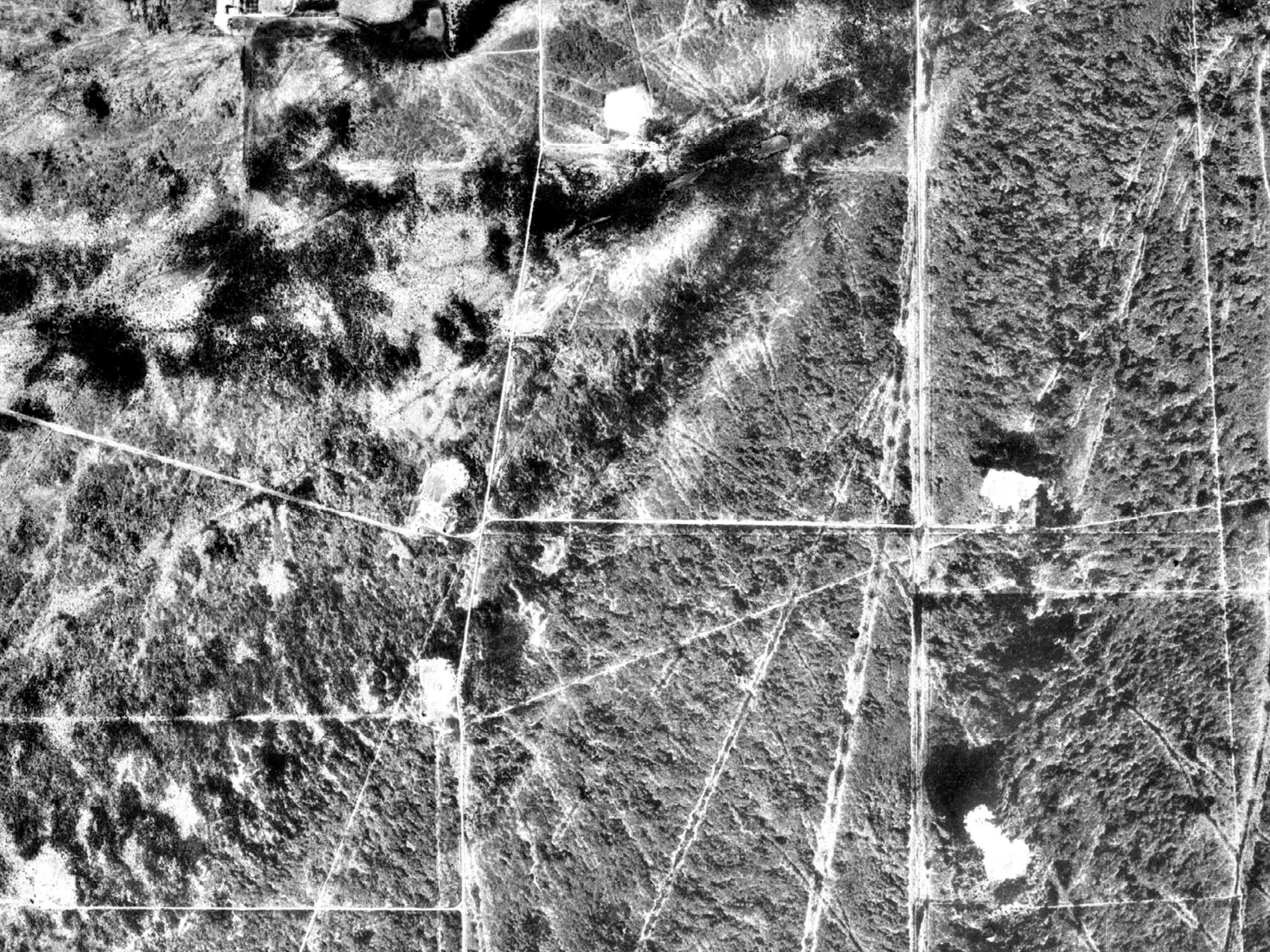


- | | |
|--|--|
| Bureau of Land Management | Tribal |
| Bureau of Reclamation | National Park Service |
| Dept. of Agriculture | Private |
| Dept. of Defense | State |
| Dept. of Energy | State Game & Fish |
| Forest Service | State Park |
| Fish & Wildlife Service | Valles Caldera National Preserve |

- | | |
|---|--|
| Field Office boundary | Active Oil and/or Gas Well |
| County boundary | |
| U.S. Highway | |
| State Highway | |
| Interstate Highway | |
| Township boundary | |



Produced by the BLM New Mexico State Office, Conservation Team on October 6, 2010.
 We would like to thank the Bureau of Land Management and the Conservation Team for their assistance in the production of this map. The map is for informational purposes only and does not constitute a contract or offer of any kind. The map is subject to change without notice.





#1 EA Wingo Permit (1929)



Facing Northeast

Permian Replays

- WH&B returns, manure for dirt
- Caliche removal, reuse, or burial
- Chicken lizard, sand dunes
- Lesser Conservation Greater

Inspection and Enforcement

Necessary for building credibility for other planning, leasing & permitting, completes triangle

I&E staff of 56 PET, 7 PAT, 15 NRS, 4 SPET, 6 Tribal

Improved visibility and presence