

## Joseph W. Lindecke

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### Education:

Wright State University in Dayton, Ohio: M.S. in Geophysics, May 1980  
Oneonta State University in Oneonta, New York: B.S. in Geology, June 1978

### Industry Experience:

December 2015 – Present: Independent Consulting Geoscientist (JW Geo Consulting LLC). Putting together prospects, working with energy capital groups, working with drillers & landmen to get projects drilled. Working various consulting assignments/projects for several Permian Basin companies.

Fall 2017 - Present: Adjunct Geology Professor – Midland College. Teaching Physical Geology and Historical Geology Lecture and Labs.

Fall 2019 – Present: Remote teaching for Sul Ross State University – Stratigraphy and Sedimentology 3408 LAB.

January 2019 – Present: Partnership with a team of Permian Basin Project Genrators to build a prospect inventory for potential outside investment. This enterprise incorporates the use of an extensive 3D seismic database, all available well data and exposure to venture capital to get the ideas tested.

Spring 2017: Substitute teacher for MISD.

June 2014 – Dec 2015: Geological & Geophysical Manager/Geoscience Advisor for Apache Permian East (Midland Basin & Eastern Shelf). Managed a group of 20+ technical & support staff to execute the drilling program. Drilled wells in the Spraberry, Wolfcamp, Atoka/Barnett, and Mississippian Lime/Tripolitic Chert. Also worked development projects in Ector, Andrews and Pecos Counties (Augusta Barrow, Three Bar, Cowden Ranch, Means/McFarland, Arrowhead, Midland Farms, 7 Mile Mesa). Software Knowledge: Landmark/Seisworks, Petra, Kingdom, Hampson-Russell, Drilling Info.

December 2010 – June 2014: Senior Staff Geophysicist and Senior Geoscience Advisor at Apache Corporation in Midland, TX. Assignment areas include New Ventures exploration in the Permian Basin, with emphasis on unconventional resource plays in the

Midland Basin (Cline Shale, Wolfcamp Shale, Mississippian Lime) and Delaware Basin (Wolfcamp & Bone Spring). In 3 ½ years have proposed & drilled over 20 exploratory horizontal wells with discovered recoverable reserves of > 20 MMBOE. Also acted in advisory role with rest of New Ventures G&G staff and as delegate manager during supervisor absences.

January 2009 – December 2010: Geophysical/Geoscience Consultant - Some consulting work for QEP Tulsa Office (Geological field mapping, prospect generation, presentation of work in the office and at NAPE).

September 2000 – January 2009: Senior Principal Geophysicist working for BP America Inc. in the Midcontinent Business Unit. Assignment areas include the Thrusted Spiro trend of the Arkoma Basin, the Lower Atoka Cecil/Wister Trend in the Arkoma Basin, The Woodford Shale Gas Play in the Arkoma Basin, the Overthrust Jackfork trend of the frontal Ouachita Thrust Belt, and Regional Hunton Exploration in the Texas Panhandle of the Anadarko Basin. Landmark interpretation & Geoprobe software were used for 1,000+ square miles of 3D data in these areas. BP acquired Vastar Resources and retained me in one of the same assigned areas as I was working at Vastar. Since 2000, we drilled over 30 of my prospects and added reserves >100 BCF. Picked the location for the largest IP well in the state of Oklahoma for 2005 (Scharff #5: 50 mmcfpd)

January 1994 – September 2000: Senior Principal Geophysicist working for Vastar Resources, Inc. in the Midcontinent group. Assignment areas included the Thrusted Spiro trend of the Arkoma Basin, the Overthrust Jackfork trend of the frontal Ouachita Thrust Belt, and the Wichita Mtn Uplift front of the Anadarko Basin. These projects involved the interpretation and mapping of 3D seismic in 3 different geographic areas utilizing Geoquest Charisma and IESX interpretation software. Involved in the discovery of 80+ BCF in the Arkoma Basin (S. Panola /S. Hartshorne Fields) and 50+ BCF in the Anadarko Basin (N.E. Mayfield) during this 7 year period. Picked the location for the largest IP well in the state of Oklahoma for 1998 (Lucky Strike #2-5: 32 mmcfpd)

Fall 1992 – January 1994: Area Exploration Manager, Arkoma Basin for ARCO Oil & Gas Company. Supervised a 10 person group consisting of geologists, geophysicists, and geo-techs working both development & exploration projects in the Arkoma Basin. Active field areas were Wilburton, S. Panola, Kinta, S. Hartshorne, and Red Oak. Active exploration projects were mainly in the Jackfork trend.

January 1991 – Fall 1992: Area Exploration Manager, Rocky Mountains for ARCO Oil & Gas Company. Supervised a 9 person group of geologists & geophysicists working projects in the Bighorn Basin, Powder River Basin, Green River Basin & Great Divide Basin. These projects were predominantly exploratory.

January 1989 – January 1991: Area Geophysicist, Delaware Basin portion of the Permian Basin for ARCO Oil & Gas Company. Team leader and explorationist/prospect generator in the Delaware Basin.

April 1986 – January 1989: Senior Geophysicist, Permian Basin for ARCO Oil & Gas Company. Explorationist/prospect generator in the Delaware Basin.

June 1980 – April 1986: Geophysicist, Rocky Mountains for ARCO Oil & Gas Company. Explorationist/prospect generator in the Montana Overthrust area.

### **Software Proficiency:**

Interpretation Software – Geographix Seisvision. Landmark Seisworks, Kingdom, Hampson-Russell, Petra, Drilling Info (have my own license), Boresight (Geosteering).  
Office Software – Microsoft Office (Word, Excel, Powerpoint).

### **Professional Affiliations/Certifications:**

Member of: Society of Exploration Geophysics, Houston Geophysical Society, Permian Basin Geophysical Society, Denver Geophysical Society, West Texas Geological Society, and AAPG.

Certified Petroleum Geologist : Wyoming PG-714

Licensed by Texas Board of Professional Geoscientists(Geophysics) – License # 3803

### **References:**

Available upon request.