

Robert Flegal

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Skills

*Ground control design:
excavations, slopes, roads,
ponds, stockpiles*

*Superior use of EXCEL
and analytics*

*Superior reporting and
communication abilities
with WORD and Power
Point*

*Geologic resource and
reserves analysis*

*Budget creation, monitoring
and comparison tracking*

*Financial development and
pro forma analysis*

*Geologic and reserves
modeling*

Experience

- Land and water rights
- Fed. and State regulations
- Contract and agreements
 - Oil and Gas impact and valuation
 - Resource leasing
- Audits, arbitrations, expert witness
- Permitting and compliance
 - Reclamation and rehabilitation
- Exploration/definition drilling
 - NEPA EA and EIA prep
 - Surface and groundwater
- Safety program creation and implementation

Professional Perspective

A personal focus on a role within a solid, performing team, sharing what's important; integrity, ingenuity, a passion for excellence, and a sound work ethic. A position with opportunities to mentor and guide others while contributing to our success.

Professional Profile

Engineering

- An accomplished engineering career demonstrating positions of increasing responsibility in roles from field operations to planning to management: functioning as individual contributor, leader, manager and mentor.
- Achieved the safe commissioning of the P&H 4100 shovel and truck fleet at San Juan, establishing benchmark production rates while improving the overall safety record.
- Planned, coordinated and managed the \$1.2M, 3rd party gas flare relocation in Kirtland.
- Developed multiple Coal Mine Methane ("CMM") capture alternatives with business cases to mitigate carbon emissions, considering flares and catalytic-style converters.
- Engineering roles in development of underground communications, key fiber optics link.
- Achieved transition of roles from surface recovery to underground operations in 2000.
- Achieved MBA in 2000 while working full time; Six Sigma Greenbelt trained 2006.

Supervision

- Field supervisor for union and non-exempt crews, performing drilling and blasting functions in production, innovating cast blast designs with a safety oriented team.
- Manager of the planning & engineering team with multiple junior engineers, survey teams and quality & gas lab personnel (10 direct reports).

Stakeholder Management

- Collaborated, negotiated, disputed and resolved issues with various agencies including;
 - New Mexico Environmental Department; the Mining and Minerals Division and the Oil Conservation Division,
 - Department of the Interior and its Bureau of Land Management,
 - Office of Natural Resources Revenue
 - US Geologic Survey & Environmental Protection Agency.
- Managed global stakeholder interests with corporate reporting to London, Singapore and Melbourne while coordinating with the local management team.

Commercial and Marketing

- Corporate liaison to the Utility customers, achieving a \$6M+ arbitration result, defending repeated customer audits, all while improving the stakeholder relationship.
- Negotiated and managed agreements with overlapping oil and gas resource holders for removal of wells in advance of coal recovery.
- Negotiated coal sales pricing of fuel to power supplier serving BHP copper operations in Chile for 2016, reducing costs substantially over historic outcomes.
- Designed and implemented the transfer of unique legacy San Juan and Navajo Mine contracts into the updated corporate marketing SAP structure while progressing profitability.

Work History

2010-2016, Marketing Manager, BHP Billiton Corporate, Farmington, NM

- Stakeholder liaison managing the sole supplier/sole consumer relationship,
- Negotiator, marketer, “problem fixer”; all aspects of the relationship.

2008-2010, Marketing, Legal, Land and Water, BHP New Mexico Coal, Farmington, NM

- Facilitating the license-to-operate through relationships with the customer and contracts, handling various agency requirements, third party interactions for land and water and some public relations.

2001-2008, Supervising, Planning and Senior Engineer, San Juan Underground, Waterflow, NM

- Managed the team for the creation of mine plans, mid- and long-term, handled all projects in advance of recovery and was accountable for the various operational regulatory requirements for lease and permit compliance including subsidence mitigation. Facilitated mine progress through management and removal/relocation of all surface obstructions, working with all stakeholders.

1999-2001, Senior Planning Engineer-Alternative Sourcing Project, BHP New Mexico Coal, NM

- Created exploration drilling programs, mine designs and schedules for a truck shovel operation as a proposed alternative coal source for supply of 6.5M tons per year, including estimations of financial budgets and pro forma evaluations.

1992-1999, Contributing Engineer, San Juan Coal Company, Waterflow, NM. Advancing through multiple operational roles including;

- Project Engineer,
- Truck /Shovel Engineer,
- Drill and Blast Engineer, and
- Long-term Mine Planning/Reserves Engineer.

1991-1992, Project Engineer – Mining Technical Services, BHP Minerals, San Francisco, CA.

- Project engineering support for lead/zinc, gold oxide, and platinum group metals projects. Lead contact for drafting and graphics group.

Education

Bachelor of Science, Mining Engineering, The Pennsylvania State University - 1985

Master of Science, Mining Engineering, The Pennsylvania State University – 1988

Master of Business Administration, University of Phoenix - 2000

Affiliations

Member – Society for Mining, Metallurgy & Exploration, 71360

Member – Board of Directors, Frontline Mission, Inc., Farmington, NM

Registered Professional Engineer – State of New Mexico, #16019

Personal Abilities and Interests

Milling and machining, gunsmithing. Welding, fabrication and inventing.

Farming and irrigation practices focusing on surface water delivery and tail water control.

Equipment operation - owner/operator/maintainer of a Cat D4 dozer for farming.