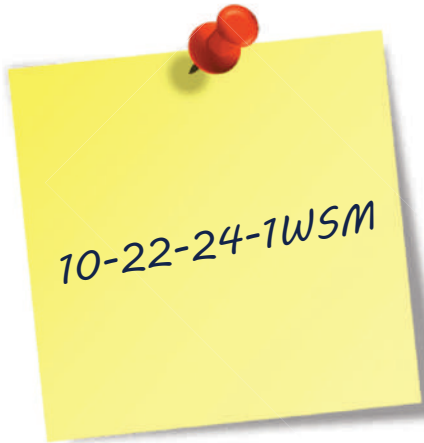


**WELL360 – CONVERTING CONCEPTS TO REALITY**



**WELL360 BENEFITS**

- Integrated Design
- Reduce Costs
- Execution Certainty
- Increased Rig Availability
- G&A Reduction
- Overhead to Capital Cost Shift
- New Area Expansions
- Elevated ESG Profile
- Reduced Interface Management
- Reduced Field Visits
- Increased Safety with Fewer Miles Traveled
- Highly Responsive
- Experienced Team generates Flexible Solutions

Vertex is a leader in the drilling, completions, land, environment and facilities space. We want to support our clients to maximize their financial picture by providing turn-key solutions to convert a well prog into a flowing BOE. By leveraging our extensive geographical and execution experience, Vertex will provide flexible, timely, and responsive solutions to our resource clients throughout the lifecycle of a producing well.



# WELL 360 SERVICES

## Drilling & Completions

- Cost Estimates, Preparation & Cost Control
- Coordinate & Manage Land Acquisitions/Surveys
- H2S & BHA Determination and EPZ Calculations
- Preparation of Detailed Drilling & Completion Programs
- Directive 83 Planning & Monitoring Programs
- Directive 10 Engineered Casing Design and Thermal Expansion Modelling
- Complete Operation Management & Coordination of All Field Activities
- Well Licensing/Regulatory Coordination & Filing including AER, SIR and OGC
- Provision of 24 HR Management, Support, & Assistance to Wellsite Supervisors

## Abandonment, Reclamation, Remediation, & Liability Management

- Landowner Notification Letters
- Regulatory Applications, Waivers, Reporting & Submissions
- Detailed Decommissioning & Abandonment Estimates
- Well Inspection & Site Assessment Report (WISAR)
- Engineering & Geological Well File Reviews
- Surface Casing Vent Flow Repair & Gas Migration Testing and Repair
- Single & Multi-Well Abandonment Programs
- Pipeline & Facility Decommissioning
- Assessment & Liability Consulting Services:
  - Asset Retirement Obligation (ARO)
  - Site Specific Liability Assessments (SSLA)
  - Liability Management Rating Program (LMR)
  - Licensee Liability Rating Program (LLR)
  - Oilfield Waste Liability Program (OWL)
- Site Remediation
- Reclamation Certificate

## Facilities, Pipelines & Tie-Ins

- Project Scope & Planning
- Project Cost Estimates (AACE Class 5, 4, 3)
- Process & Mechanical Design
- Design Drawings (3D & 2D CAD)
- Material Take-Offs & BOM Generation
- Material & Equipment Procurement
- Construction Scope of Work Generation
- Construction Contract & Services Procurement
- D56 Facility & Pipeline Application
- Coordinate & Manage Land Acquisition Surveys (MSL, PLA, LOC, PIL)
- Coordinate & Manage Environmental Services
- Project Cost Tracking
- Project Estimate Reviews
- Value Engineering
- Evaluation of Project Changes & Claims
- Civil & Ground Engineering
- Site Construction Management & Cost Reporting

## Operations, Maintenance, Support & Well Workovers

- Well Workover & Recompletion Plans
- Artificial Lift Design & Specification
- System Debottleneck Studies & Reports
- Methane Leak Detection and Repair (LDAR)
- Methane Venting Abatement Solutions & Funding Application Support
- Operational Troubleshooting