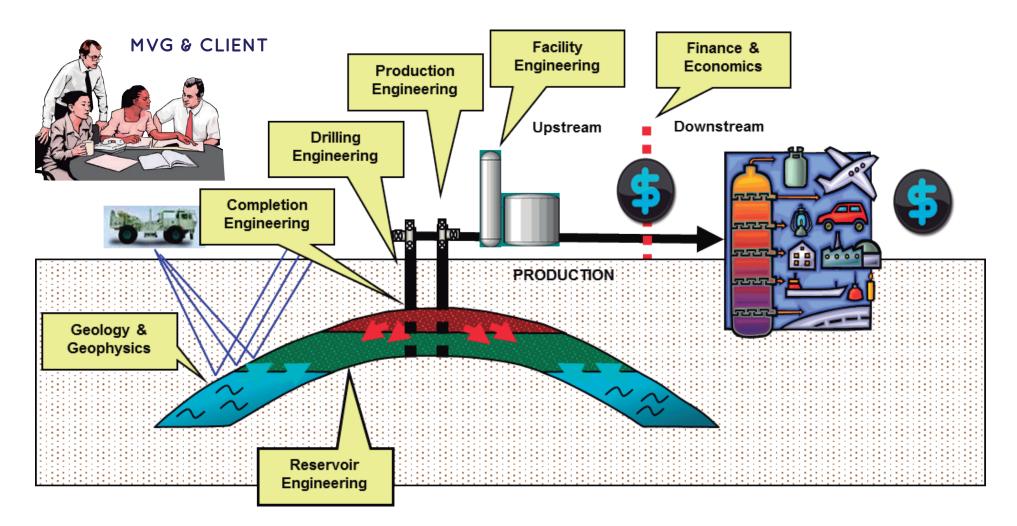


OIL & GAS Consulting



MVG 'S COLLABORATIVE PROCESS ENABLES OUR CLIENTS TO FIND SWEET SPOTS (HIDDEN PROFITS) WITHIN THEIR EXISTING PORTFOLIO





MVG'S SERVICES AND SKILLS

DRILLING	COMPLETION	RESERVOIR & PRODUCTION	FACILITIES	PIPE LINE
*Benchmarking Off Set Operators *Vendors Selection *PAD Design *Bits Selection & Evaluation *Directional Drilling - Penetration (Days Vs Deep) *Optimum Hole Size *Mud Design Program & Evaluation *Cuts Treatment & disposal *US Analog Analysis *DWOP Exercise *Establish Operation Meetings *Procurement Tools *After Activities Reviews - (Lessons Learned & Best Practices) *Safety Audit *Tech Limits *Score Card & Boards *Key Performance Indicator - (Leading and Lagging)	*Casing Program Design *Cement Program Evaluation *Play Analogs Analysis *Fluids Program Evaluation *Perforation Program *Coiled Tubing Design *Stimulation Recom- mendation *Flow Back Monitoring *Well Head Design *CWOP Exercise *Procurement Mana- gement *After Action Review – (Lesson Learned & Best Practices) *Safety Audit *Score Card *Key Performance Indicator – (Leading & Lagging)	 *Type Curve Generation *US Analog Analysis *Pressure Transient Analysis *Well Testing & Design *Coiled Tubing Design *Artificial Lift Design *Tubing Program *Field development Planning *Well Treatment Program *Re-perforating Design *Well Lifecycle Plan *EOR Design & Evaluation - (Water, CO2 & N2) *Safety Audit *Score Card *Key Performance Indicator *Full Field Optimization - (Maximum Profit & Life Cycle Planning) *Oysters, Pearls, White Elephants, Dogs Analysis *Field Studies *Plugging & Abandonment Design & Reclamation *Due Diligence *Non-operating Manage- ment *Well Review / Field Review *Remedial and Work Overs Procedures *Budget Planning & Budge- ting & Economic Analysis 	 *PAD Design *Surface Facilities Design *Procurement Short Term Test Design *Power Design *Fluids Treatment Design *Facility Design *Fluids Treatment Design *Fluids Treatment Design *Facility Design *Cathodic Protection *Gas Treatment Design *NGL's Extraction *CO2 Removal *Salt Water Disposal System Facilities Design *Safety Audit *Score Card *Key Performance Indicator *Environmental Audits, Cleanup, & Remediation 	*Pipeline Design *Pump Design *Compression Design *Gas Treatment Design *Gas Metering & LACT Unit Design *Pigging Design *Cathodic Protection *Procurement Management *Safety Audit *Score Card *Key Performance Indicator

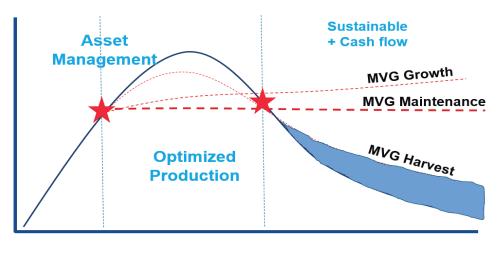
SWEET SPOT IDENTIFICATION, PROJECTS VALIDATION AND EVALUATION, DEFINE PROFILES, AND & FIT FOR PURPOSE SCORE CARD

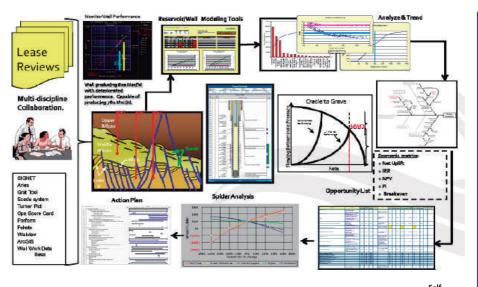


MVG SWEE	T SPOT

	Exploration		Development			
Criteria	Resource Discovery	Appraisal	Emerging	Development	Harvest	
Return						
Risk						
Remark	 Lowest Capital Cheap Entry Cost (Land Acquisition) 	 Moderate Capital Large Resource 	 High Capital Negative Cash Flow Larger Resource 	 High Capital High OCF High Proven Reserve 	 Low Capital Only Market Ris 	
Kau Canability	■ G&G	■ G&G ■ Reserve Engr.	 G&G Reserve Engr. D&C 	 Field Development Plan Life Cycle 	Management Artificial Lift	
Key Capability	'		 Facility 	Management	 Optimization 	

"Turning Development Phase to Sustainable Positive Cashflow"





KPI	Weight	Target	Self Evaluation
Maintain Top Quartile Health, Safety and Environmental Performance	(10%)	 ✓ Maintain top quartile Safety Culture ✓ Near Miss - 11 □ TRIR < 0.30 □ LTI - 0.0 □ Vehicle Incidents - 0.0 □ Less than 10 recordable spills per year ✓ 10% yearly reduction of P&A & shut in wells 	Behind
Creation of an Innovative Culture, Knowledge Sharing & Synergy Practices	(10%)	 Create a cooperative environment for voluntary support among organizations through the Asset Team Concept Continue to create organizational culture of uniform standards and practices, valuing diversity of thought, while pursuing sustainable and profitable growth Provide group synergy project ideas and opportunities that streamline our operations, practices, and drives accountabilities 	On Schedule
Prudent Management of Operated & Non-Operated Operations	(60%)	 ✓ Lifting Cost - \$0.80 per MCFE exit rate ✓ EBITDA - \$64.4MM (>\$1.5 MM operating) □ S0 wells monetized by year end from the T&A, Negative Cash Flow, and Shut In Wells list ✓ S0% Reduction in negative Cash Flow wells 	On Schedule
Development of a New Growth Engine	(10%)	 6.5 - 13 MMCFED sustainable uplift through an inventory of base production opportunities with greater 20% IRR that will payout before year end Develop a 2-3% CAGR development program for 2017 	No Able
Upgrading of Capability & Mgmt. System	(10%)	$\checkmark~$ 12% (6.5%) Base decline on end of the previous year producing wells	On Schedule

MVG IMPROVEMENT PLAN FOR YOUR OPERATION

PLANNED PHASE 22 - 25% •

ACTIVE PHASE 2 - 5%

ACTIVE PHASE 1 - 3%

TOP TIER

HSE ENHANCEMENT

- Safety Leadership Training
- Rewards Program for Safety

EXPENSE REDUCTION

- Operator LOS Training
- Implement Operator Goal Setting
- Work Order Maintenance Program on PM Items

PRODUCTION ENHANCEMENT

- -Operator Control Room Concept
- Operator Optimization Training
- Maximum Well Deliverability Initiative
- Lease Review Process Upgrade
- Formal Remedial / Workover Program
- Internal Benchmarking
- Well Target Production Initiative
- Portfolio Optimization -Acquisitions

MAINTAIN PHASE

BEST IN CLASS

HSE ENHANCEMENT

- External Benchmarking
- Capture Other Operators Best Practices and Lessons Learned
- Critical Areas Heat Mapping

EXPENSE REDUCTION

Capture Synergies from
Pipeline Companies and
Other Operators
Defect Elimination
Program
Implement Operator Route Peer Review and
Knowledge Share
Program
Revise the Operator

Schedule (5/2, 7/2, or 10/4) to Reduce Maintenance & Manpower

PRODUCTION ENHANCEMENT

- Forman Coaching Program
- Operator Hand Book

GOOD

EXPENSE REDUCTION

- Vendor Management
- GTM Reduction
- Compression Downsizing
- Compression Optimization
- SWD Management
- Chemicals Optimization
- Economic Justification for Expense Projects
- SI/TA & P&A reduction (10% Per Month) Program
- Imbalance Management
- Negative Cash Flow Wells
- Non-Operated Wells Management
- Internal Benchmarking & Score Cards
- Energy Management Program
- Logistics Saving Program

PRODUCTION ENHANCEMENT

- Vendor Assist Optimization and Artificial Selection
- Production Surveillance, Downtime Management and Accountability Escalation

EXPENSE REDUCTION - Active Procurement

HSE ENHANCEMENT

- SWD: Hauling, Disposal, Automation & Allocation

GREAT

- Environmental Stewardship

- Incident Command Center

Surface and Pipelines

- Safety Stand Downs

- Oil & Water Inventory Management
- Defined Maintenance Program – Produce to Failure
- Portfolio Optimization Divestures
- Superintendent / Foreman Quarterly Meetings

PRODUCTION ENHANCEMENT

- Route Review Focus Artificial Lift Optimization
- Utilization of Vendors for Field Optimization of Low Performing Wells
- Route Level Scorecards





MVG'S RENTAL AND SALES EQUIPMENT



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