

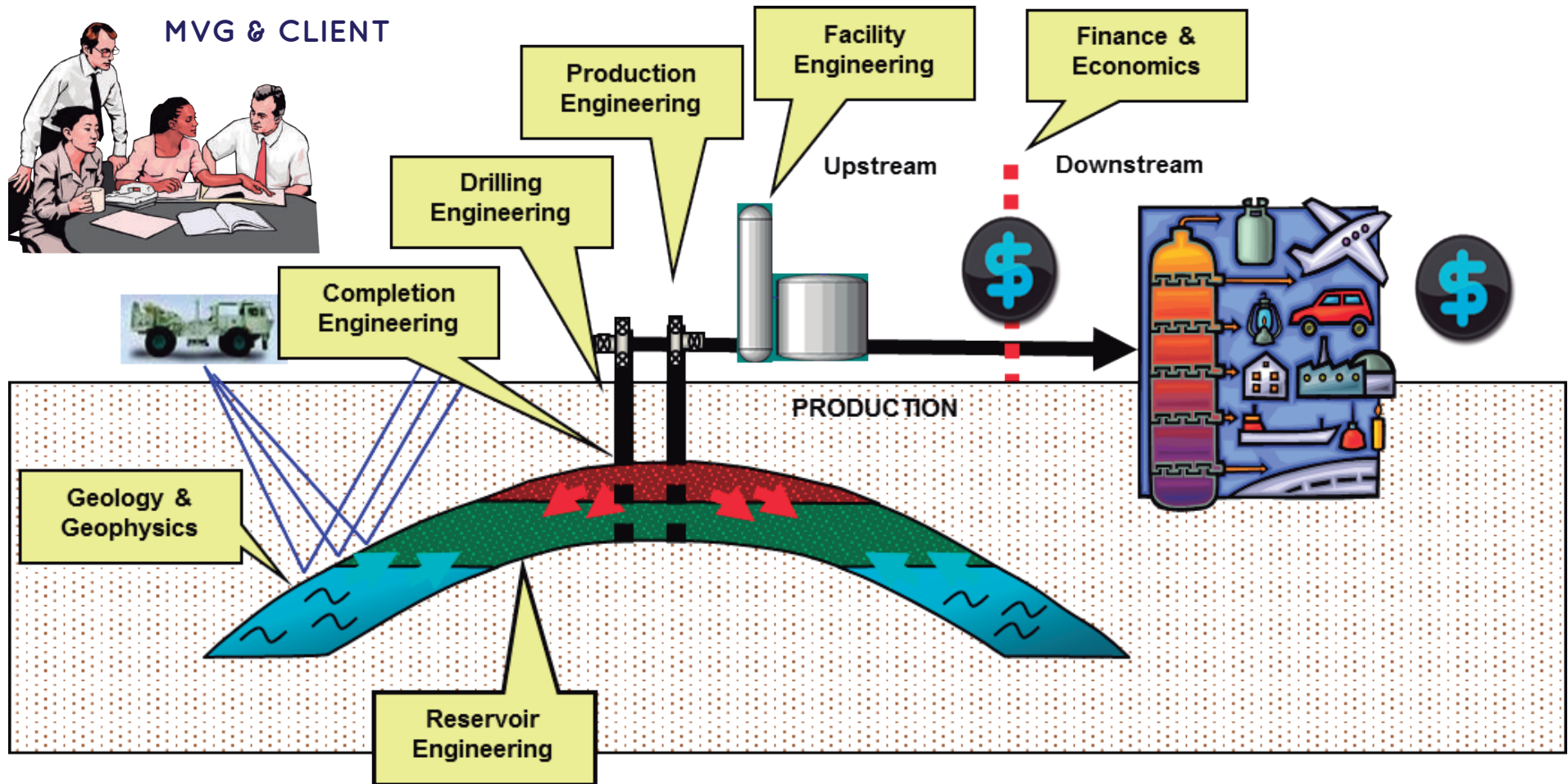
MVG ENERGY
SOLUTIONS

OIL & GAS
CONSULTING



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



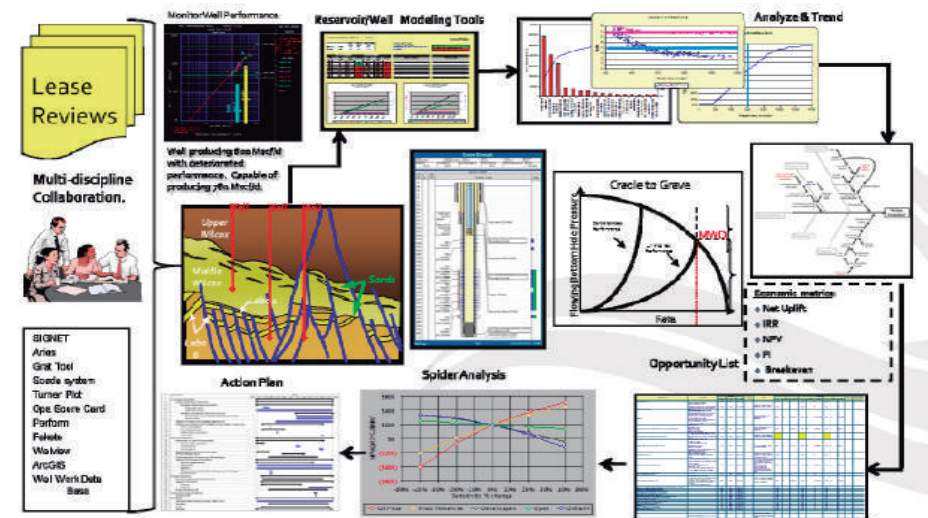
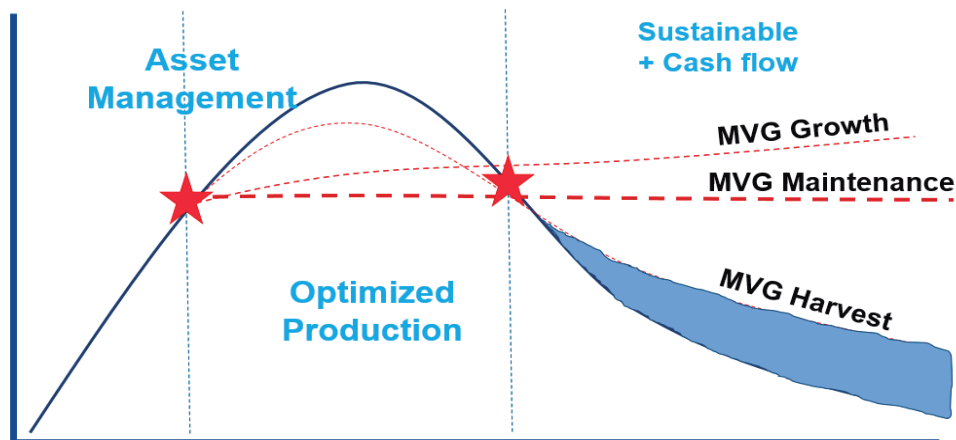
DRILLING	COMPLETION	RESERVOIR & PRODUCTION	FACILITIES	PIPE LINE
<ul style="list-style-type: none"> *Benchmarking Off Set Operators *Vendors Selection *PAD Design *Bits Selection & Evaluation *Directional Drilling - Penetration (Days Vs Deep) *Optimum Hole Size *Mud Design Program & Evaluation *Cuts Treatment & 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) 	<ul style="list-style-type: none"> *Casing Program Design *Cement Program Evaluation *Play Analogs Analysis *Fluids Program Evaluation *Perforation Program *Coiled Tubing Design *Stimulation Recommendation *Flow Back Monitoring *Well Head Design *CWOP Exercise *Procurement Management *After Action Review - (Lesson Learned & Best Practices) *Safety Audit *Score Card *Key Performance Indicator - (Leading & Lagging) 	<ul style="list-style-type: none"> *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-stimulation Design *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 Management *Well Review / Field Review *Remedial and Work Overs Procedures *Budget Planning & Budgeting & Economic Analysis 	<ul style="list-style-type: none"> *PAD Design *Surface Facilities Design *Procurement <p>Short Term Test Design</p> <ul style="list-style-type: none"> *Power Design *Fluids Treatment Design *Facility Design <p>Long Term Design</p> <ul style="list-style-type: none"> *Power Design *Fluids Treatment Design *Facility Design *Cathodic Protection *Gas Treatment Design *VRU & VTECH Design *NGL's Extraction *CO2 Removal *Salt Water Disposal System <p>Facilities Design</p> <ul style="list-style-type: none"> *Facility Downsizing Evaluation *Safety Audit *Score Card *Key Performance Indicator *Environmental Audits, Cleanup, & Remediation 	<ul style="list-style-type: none"> *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 SWEET SPOT					
Criteria	Exploration		Development		Harvest
	Resource Discovery	Appraisal	Emerging	Development	
Return					
Risk					
Remark	<ul style="list-style-type: none">▪ Lowest Capital▪ Cheap Entry Cost (Land Acquisition)	<ul style="list-style-type: none">▪ Moderate Capital▪ Large Resource	<ul style="list-style-type: none">▪ High Capital▪ Negative Cash Flow▪ Larger Resource	<ul style="list-style-type: none">▪ High Capital▪ High OCF▪ High Proven Reserve	<ul style="list-style-type: none">▪ Low Capital▪ Only Market Risk
Key Capability	<ul style="list-style-type: none">▪ G&G	<ul style="list-style-type: none">▪ G&G▪ Reserve Engr.	<ul style="list-style-type: none">▪ G&G▪ Reserve Engr.▪ D&C▪ Facility	<ul style="list-style-type: none">▪ Field Development Plan▪ Life Cycle Management	<ul style="list-style-type: none">▪ Asset Management▪ Artificial Lift▪ Optimization

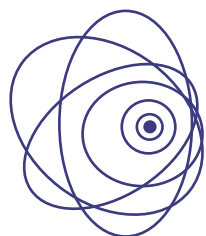
“Turning Development Phase to Sustainable Positive Cashflow”



KPI	Weight	Target	Self Evaluation
Maintain Top Quartile Health, Safety and Environmental Performance	(10%)	<ul style="list-style-type: none"> ✓ 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%)	<ul style="list-style-type: none"> ✓ 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%)	<ul style="list-style-type: none"> ✓ Lifting Cost - \$0.80 per MCFE exit rate ✓ EBITDA - \$64.4MM (>\$1.5 MM operating) □ 50 wells monetized by year end from the T&A, Negative Cash Flow, and Shut In Wells list ✓ 50% Reduction in negative Cash Flow wells 	On Schedule
Development of a New Growth Engine	(10%)	<ul style="list-style-type: none"> □ 6.5 - 13 MMCFD 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%)	<ul style="list-style-type: none"> ✓ 12% (6.5%) Base decline on end of the previous year producing wells 	On Schedule

MVG IMPROVEMENT PLAN FOR YOUR OPERATION





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MVG'S RENTAL AND SALES EQUIPMENT

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