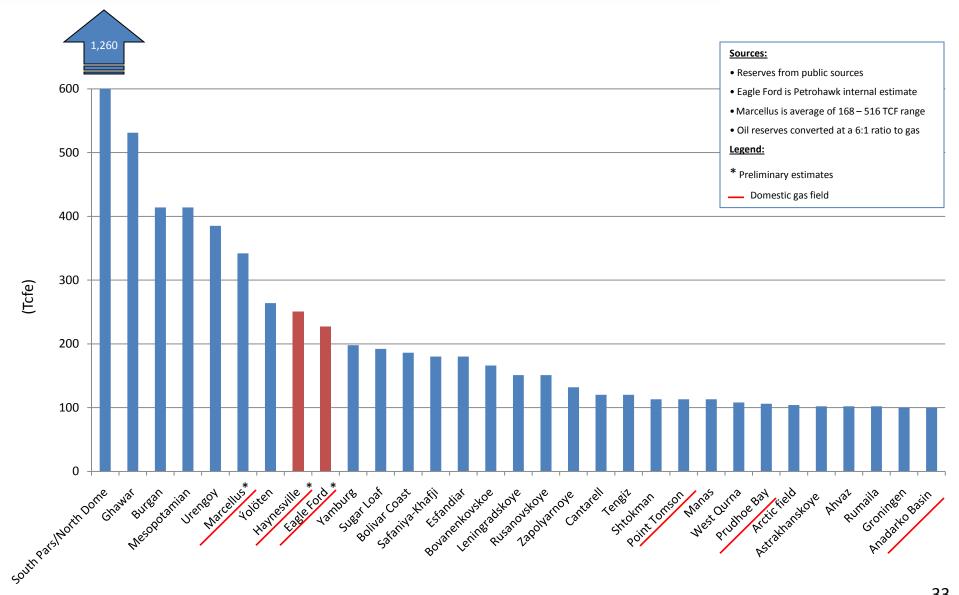


Operations: Haynesville Shale and Bossier Shale

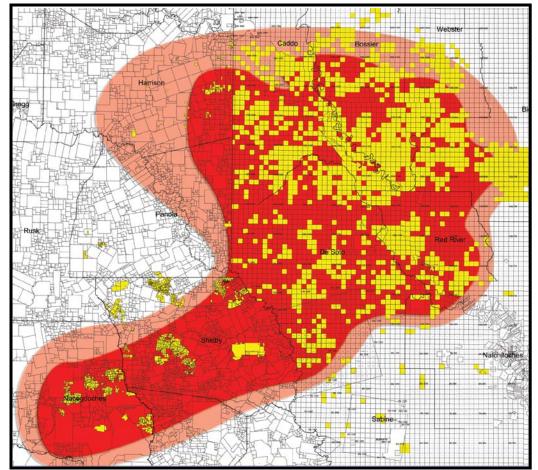
Largest Oil and Gas Fields in the World in TCFE



Haynesville Shale Major Themes

- Petrohawk is on track to hold its prospective leasehold within the current drilling plan
- Core defined as area in northwest Louisiana >4 Bcfe EUR
- We believe restricted rate program could enhance well performance over time and create a stable production base for HK
- Current 7.5 Bcfe per well EUR average may improve through production practices ⁽¹⁾
- 2010 well costs expected to average \$8.5
 \$9.5 million for ~4,700' laterals
- Currently producing ~500 Mmcfe/d from ~110 gross operated wells
- Current rig count at 16; reducing to 14 rigs planned for second half of 2010

~368,000 net acres under lease

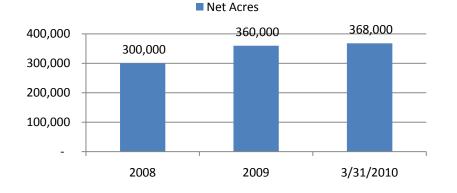


Petrohawk acreage under lease

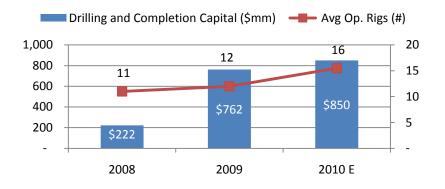
Haynesville: A Stable Asset for HK



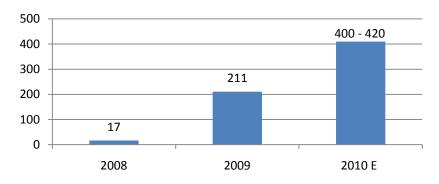
Haynesville Net Acreage



Haynesville Drilling and Completions Budget

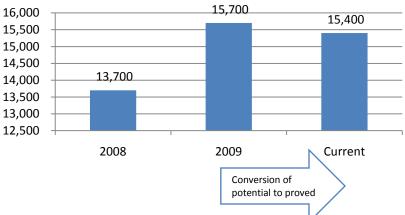


Haynesville Daily Production



Production (Mmcfe/d)

Haynesville Resource Potential – HK net risked estimates

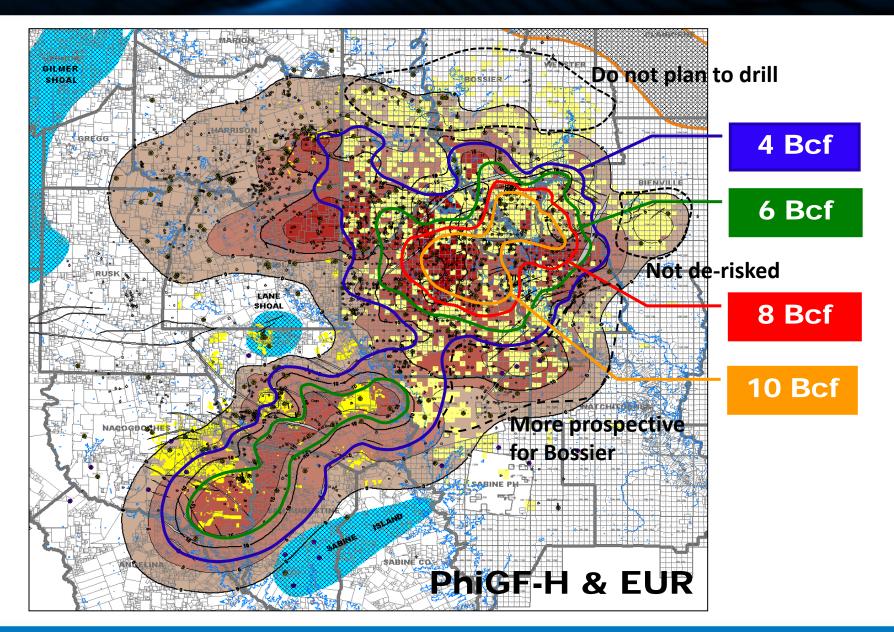


Resource Potential (Bcfe)

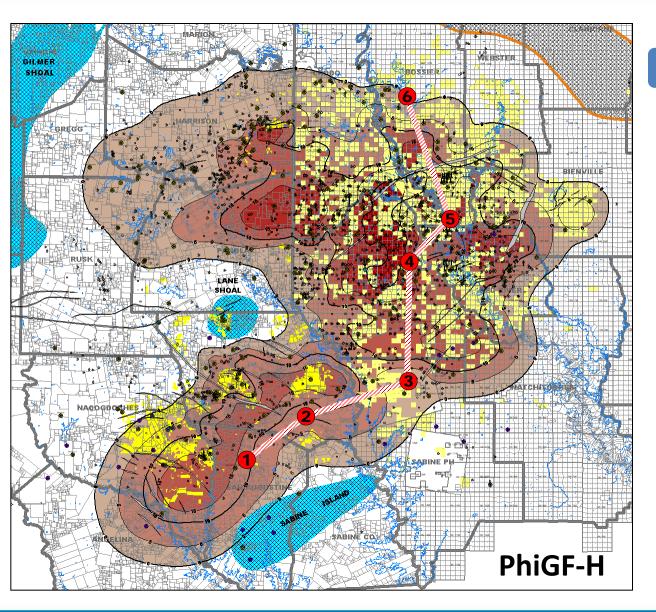
LA Haynesville: The Statistics of Lease Capture

368,000 net acres under lease in the play (~74,000 net acres in Texas primarily in 294,000 net acres non-op JVs) 1,568 sections (op and non-op) Do not expect to drill _ 312 sections North of 17N 42,000 net acres Still prospective, but the area is not de-risked 108 sections East of 9W Approximately 110 are operated 367 sections HBP (op Unitized sections are ready to and non-op) drill from a regulatory standpoint — 422 sections unitized 84 of the 198 have 2012 (non-op only) expirations (114 sections to drill in 2H 2010 and 2011) -198 sections on drilling schedule Comprises approx. 12,000 net acres, 161 all non-op; many will be drilled but sections have not been unitized yet _____ remaining 36

NW Louisiana Haynesville: The Core Defined by EUR



NW Louisiana Haynesville: The Core Defined by Porosity



All Cross-Section Wells

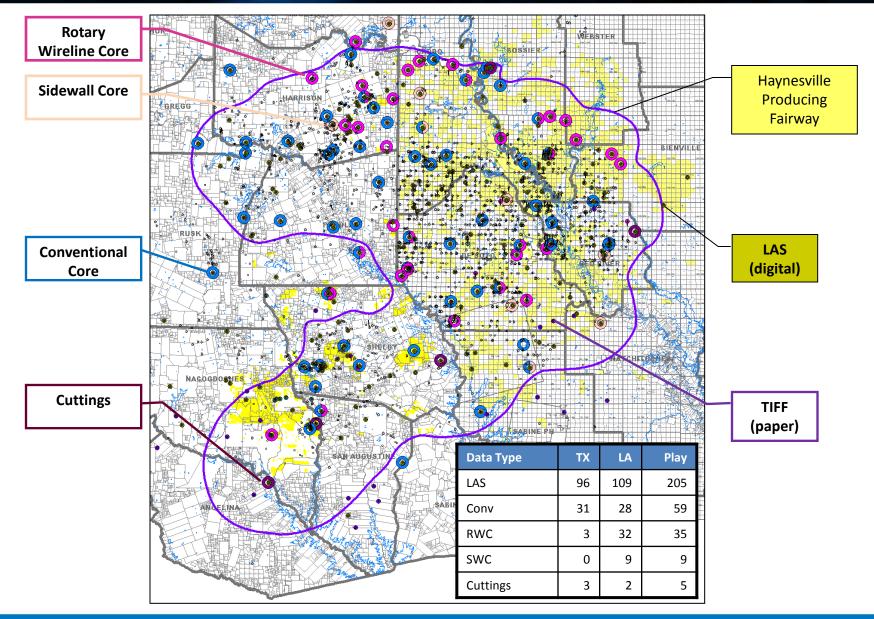
- 1. EOG Hassel-1
- 2. Temple Eastex-1
- 3. Eagle McDonald-1
- 4. Petrohawk Griffith 11-1
- 5. Petrohawk Hunt Plywood 36-11
- 6. Petrohawk Tri-State Realty 28-1

PhiGF-H:

Average gas filled porosity multiplied times the total footage greater that 8% porosity

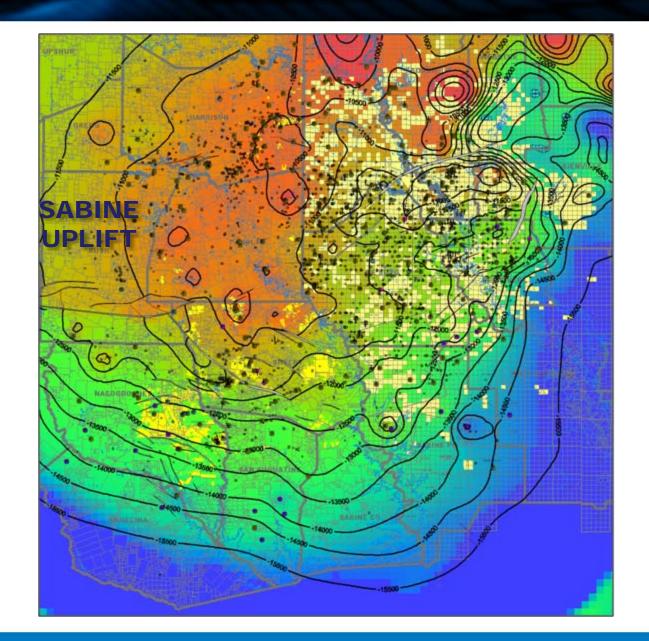
Example: 9% x 186'= 16.7' PhiGF-H

NW Louisiana Haynesville: Importance of a Large Geological Database

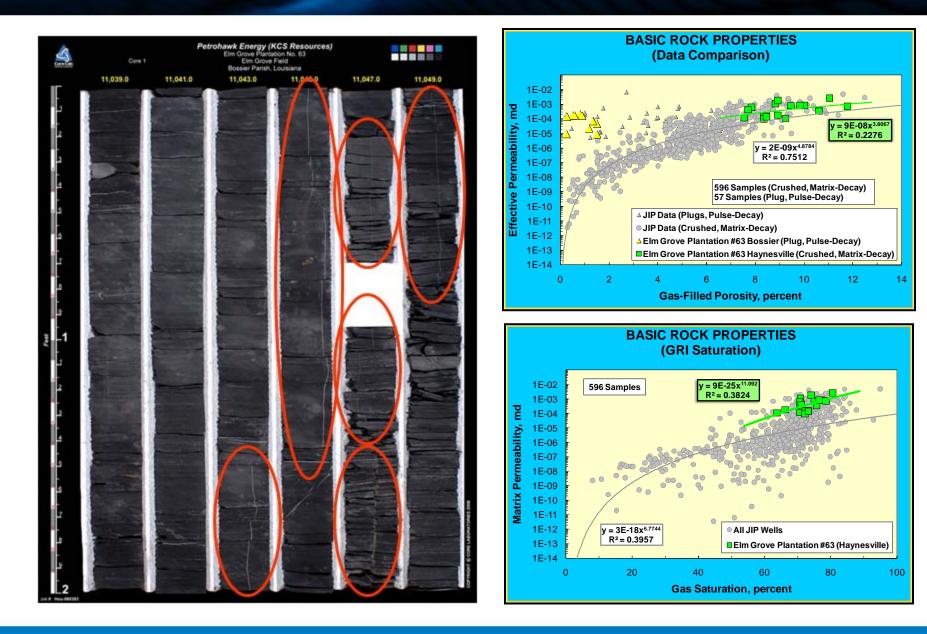


NW Louisiana Haynesville: Haynesville Structure

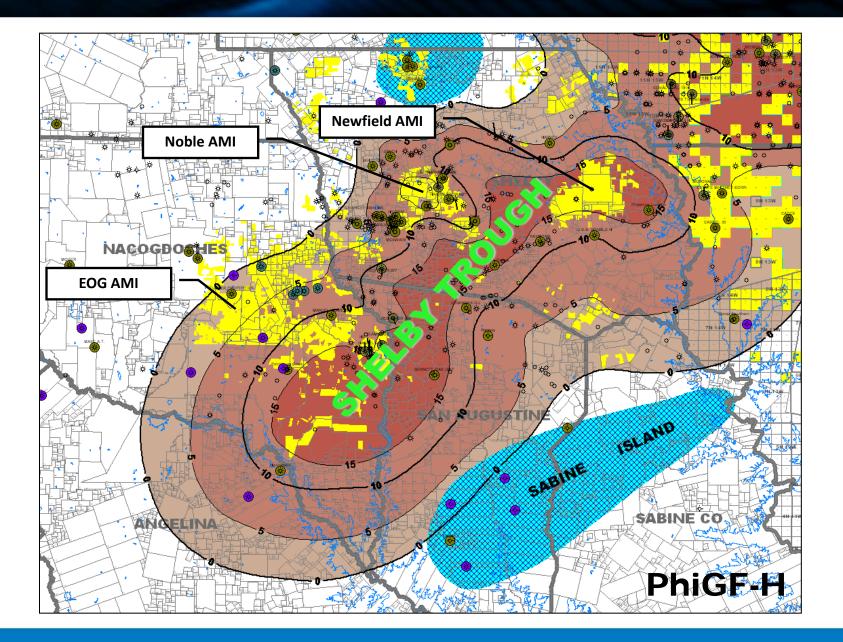
- Shallower depths over Harrison and Panola Counties, Texas result in less bottom hole pressure and less EUR
- Core area of NW La and Shelby Trough has higher bottom hole pressure, higher thermal maturity and higher OGIP (original gas in place)



Haynesville: Petrohawk EGP 63 #1 Core Analysis

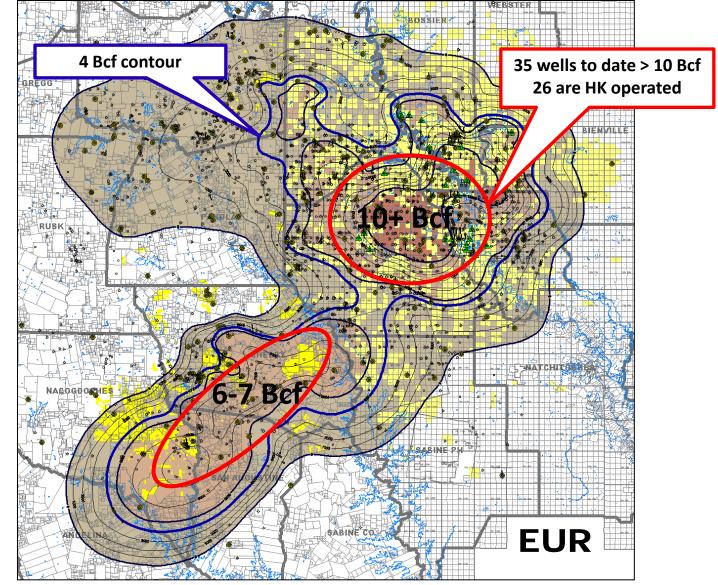


Haynesville SW Extension: Net Isopach Map

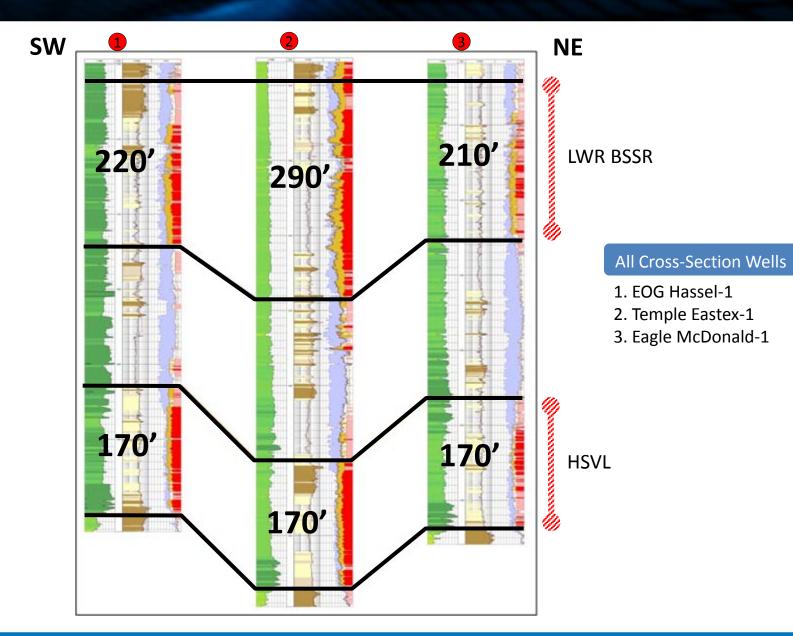


Haynesville SW Extension: How Good Is It?

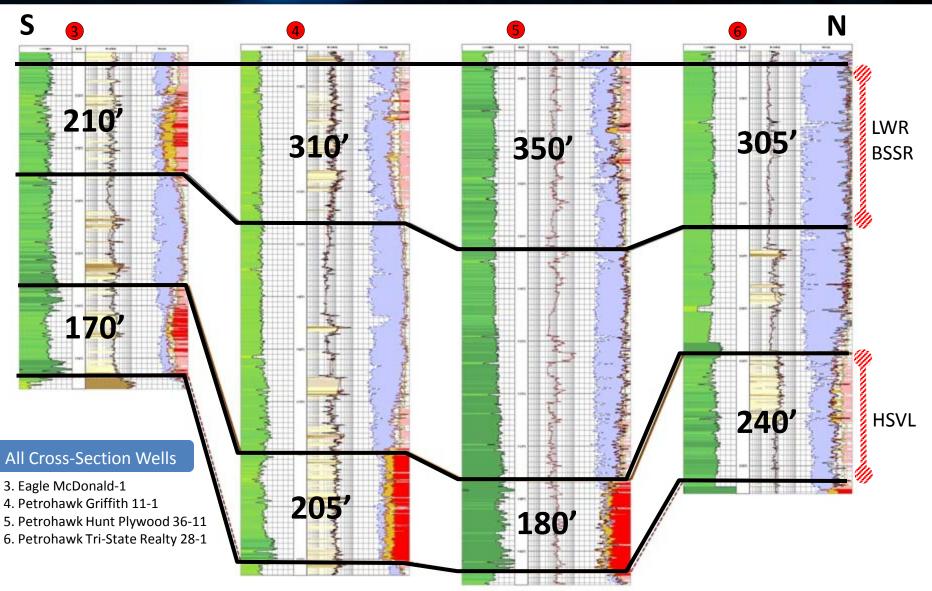
- Shelby Trough has good rock quality and PhiH
- Quality does not appear to be as good as NW La
- Data set is still fairly limited, but EUR trends do not indicate a core area as good as NW La.



Haynesville: Shelby Trough Cross-Section

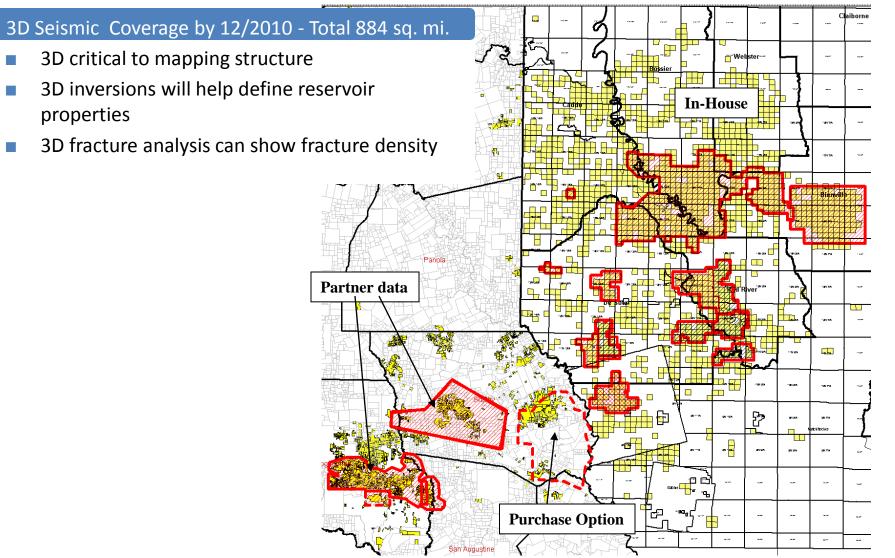


Haynesville: Louisiana Core Area Cross-Section



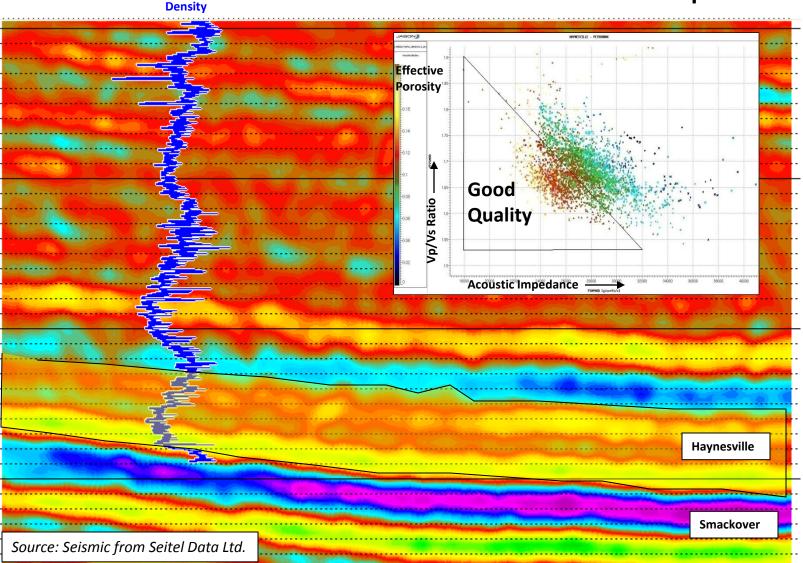
Haynesville: 3D Seismic Coverage





Haynesville: Defining the Core with 3D

Seismic Acoustic Impedance



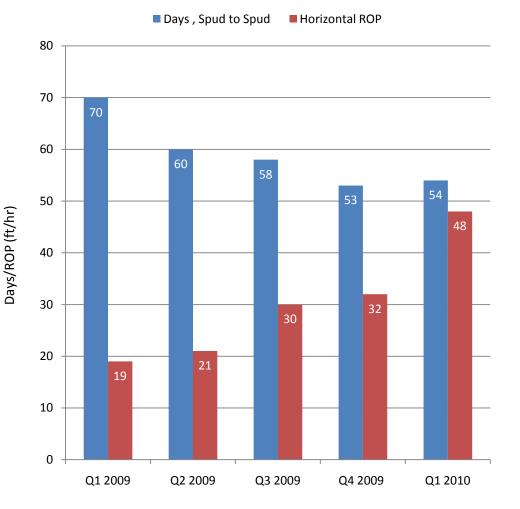
Haynesville: Drilling Down the Well Cost

Optimization

- Continued gains in horizontal rate of penetration (ROP)
- Spud to spud days decreasing through 4Q09
- 1Q10 spud to spud impacted by:
 - 5 rig startups Dec-Jan with long mobilization time
 - Location of wells in deeper areas
 - 50% of wells custom drilled to maximize recovery (back build or build & turn)

Fastest well to date for HK

- 23 days to TD (30 days S-S)
- 4 wells to TD in <30 days

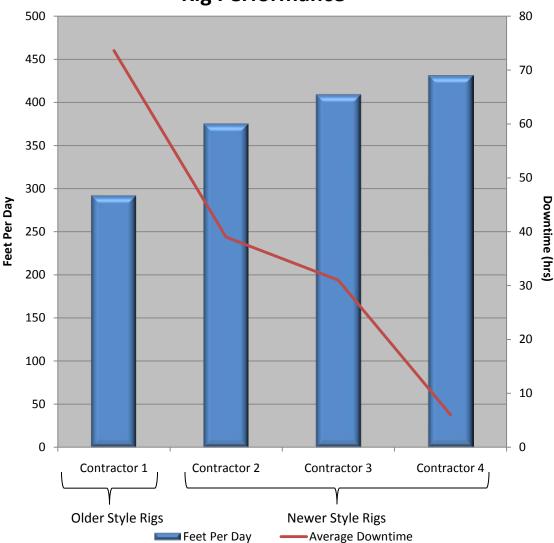


Tactics for Improving Performance

- Eliminated open hole logging in intermediate section
- Experimenting with new technology tools
 - Hevi-Pac down hole bit stabilization fastest 9-7/8" ROP in area
 - Coordinated design and deployment of +5 new bits
 - Tested a variety of new motor components and configurations
- Reduced hole size for increased ROP
 - Downsize from 9-7/8" to 8-3/4"
 - Observed faster ROP in most areas
 - Fewer bits and fewer bit trips further reducing time
 - Produce less cuttings for haul off
- Continue to realize gains from modern rig fleet

Haynesville Rig Performance Through Time

- New rigs do perform better
 - Clear advantage in ROP
 - Downtime reduced significantly
 - Consistent across all contractors
- Implemented metrics program
 - Measure and track key performance indices
 - Able to sort by rig, contractor, superintendent, and engineer
 - Focus where needed
 - Identify best practices
 - Upgrade resources where underperforming
- Other key advantages of rigs
 - Able to eliminate spills through design
 - Quiet for urban drilling environments
 - Help attract and retain best workers



Rig Performance

Changing the Recipe Through Time: EUR/foot vs. Feet Between Perf Clusters

2008 Fracs

- 80-85 ft between perf clusters
- 700-900 lbs proppant per foot

2009 Fracs

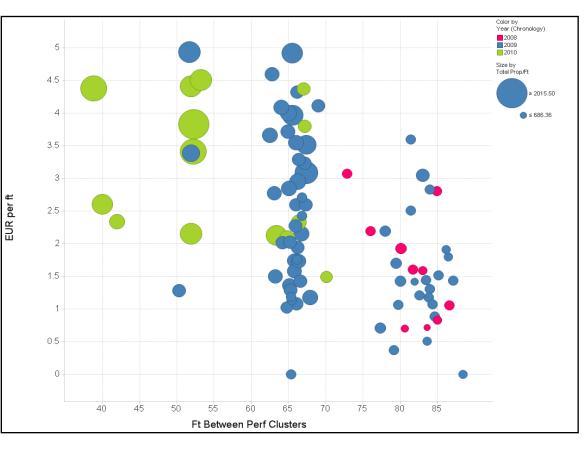
- 50-85 ft between perf clusters
- 800-1600 lbs proppant per foot

2010 Fracs

- 40-70 ft between perf clusters
- 1000-2000 lbs proppant per foot

Future Fracs

Calibrated to be area specific



Changing the Recipe Through Time: EUR/foot vs Total Proppant/foot

2008 Fracs

- 80-85 ft between perf clusters
- 700-900 lbs proppant per foot

2009 Fracs

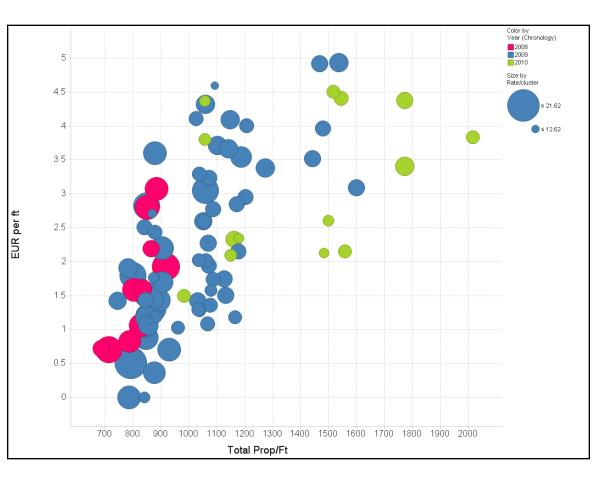
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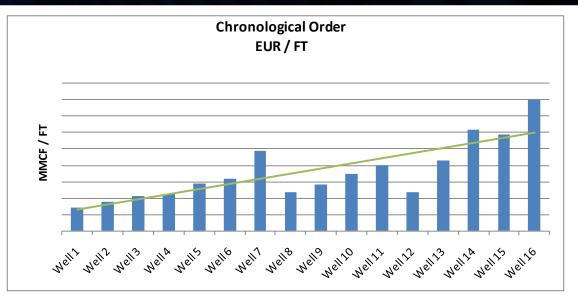
Future Fracs

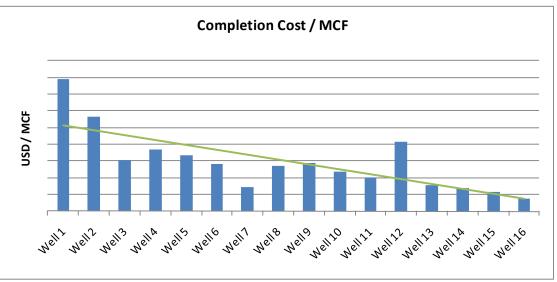
Calibrated to be area specific



Haynesville: Performance Enhancements 2009

- Improved well performance
 - 400+% growth in EUR / FT
 - Producing more gas / well
 - Tie geology to stimulation design
 - Optimizing by area
- Economic improvements
 - 90% reduction per MCF cost
 - Pricing up ~\$1.0 MM for same job versus 2009
- Future enhancements
 - Test propant sizes
 - Optimize volumes of water/prop
 - Maintain well performance, lower cost
 - Increase stage length
 - Fewer stages / well
 - New well design

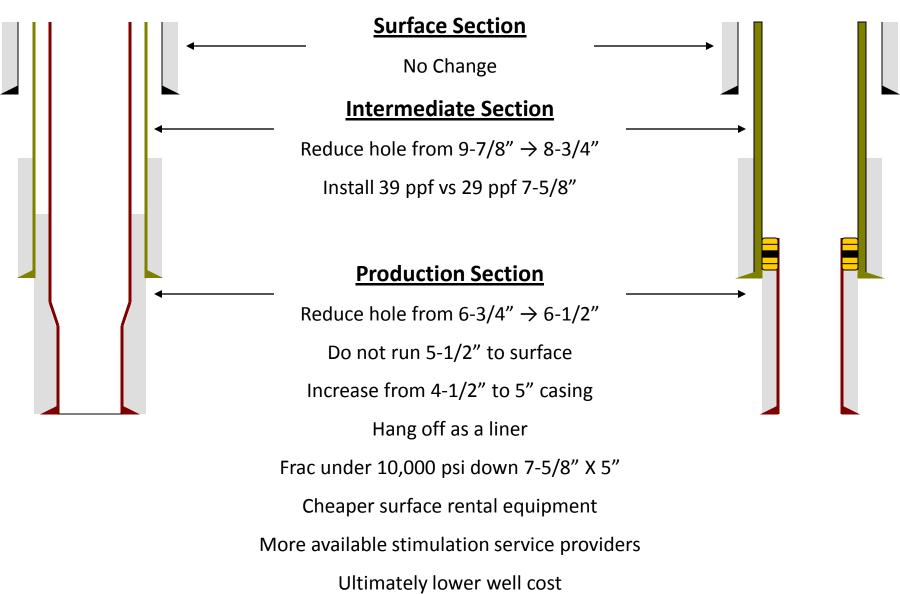




New Well Design Concept

- Stronger 7-5/8" intermediate casing
- Frac down / produce up production liner and intermediate casing
- Lower stimulation pressures
 - Reduce equipment failures and resulting downtime
 - Open door for additional stimulation providers and competition
- Associates well with our restricted rate program
 - Delay well cleanout until future remediation becomes necessary
 - More economic by combining two operations later in life
- Potential for reducing AFE by \$0.5 \$1.0 mm

Well Design: Current vs Concept



Haynesville: AFE Breakdown



	FGIT		and all wh	holly-owned	CORPC subsidiaries	JINAIJ	PETROHA	WK Son Conference	
OPERATOR		/					AFE NO.		
Petrohawk Operatin	o Company	,					110DC95641		
WELL NAME		PROPOSED FORMATION			DATE				
Jestma LLC 14H #1			Haynesville	Shale	May 12, 2010				
FIELD/PROSPECT		BOTTOM HOLE			CLASSIFICATION				
Elm Grove	204' FSL	& 1065' FE	L Sec 11	250' FSL & 1140' FEL			Development		
COUNTY/PARISH STATE LEGAL DESCRIPTION				1	PROPOSED MD	TVD	LATERAL LENGTH		
Bossier Louisiana Sec 14-16N-11W				16,181	11,313	4,791			
AND THE REAL PROPERTY OF				DF	RILLING	CO	MPLETION	A Y I TAN DI	
INT	ANGIBLES	The second second	The second	ACCT/SUB	AMOUNT	ACCT/SUB	AMOUNT	TOTAL	
DAYS	RATE	DAYS	RATE	10.830	A STATE OF	10.840		Contractor Character	
Drilling Rig		42.0	22,600	01/02	904,000	-		904,000	
Completion Rig				C.D.S. S. S. S.	ALL STREET	05	350,000	350,000	
Rig Mobilization/Demobi	lization			06	70,000	06	. 0	70,00	
Permitting/Surveying/Sta		07	30,000	07	0	30,00			
Location/ Roads/ Pits/etc	C.			08	350,000	08	30,000	380,00	
Fuel/Water/Power/Lubrid	cants			09	140,000	09	315,000	455,00	
Overhead		10	10,000	10	5,000	15,00			
Drilling Mud/Completion Fluids/Chemicals				11	220,600	11	0	220,60	
Cement & Cement Service				12	170,000	12	0	170,000	
Coring/DST				13	0	discost-bel (ch	Survey the grades		
Stimulation/Sand Control						14	2,840,000	2,840,00	
Production Testing					ALC: NO DECISION	15	30,000	30,00	
Directional Drilling				16	214,000	a Theory and	Physics and starting the	214,00	
Mud Logging				17	0				
Open Hole Wireline Service				18	20,000		New Construction of the State o	20,00	
Cased Hole Wireline Service				19	0	19	227,000	227,00	
Transportation/Trucking				20	86,000	20	15,000	101,00	
Bits/Stabilizers/Reamers etc.				21	82,500	21	0	82,50	
Surface Rentals				22	92,000	22	180,000	272,00	
Downhole Rentals		23	63,000	23	30,000	93,00			
Supervision-Engineering/Geology/Consulting				24	208,000	24	120,000	328,00	
Contract Services/Labor		25	190,000	25	195,000	385,00			
Insurance		26	5,400			5,40			
Environmental/Pit Dispo	pliance	29	31,500	29	67,500	99,00			
Contingencies/Misc Cos		30	153,100	30	220,200	373,30			
Land/Legal/Damages		31	175,000	31	0	175,00			
	IN CONTRACTOR	Land	1348 P.4			10.840	FACILITIES		
Construction Contract S		S. Sector (Fig.		39	200,000	200,00			
Wells Killed by Frac - W	1. SP/198	A Standard Stand	40	0					
Wells Killed by Frac - C		NEX HOLD	Colors for second	41	0				
Wells Killed by Frac - Lit			Contract of Marine	42	0				
Wells Killed by Frac - Fl		7 2010	A DAY ISANAS	43	0				
TOT		The short we	\$3,215,100		\$4,824,700	\$8,039,80			

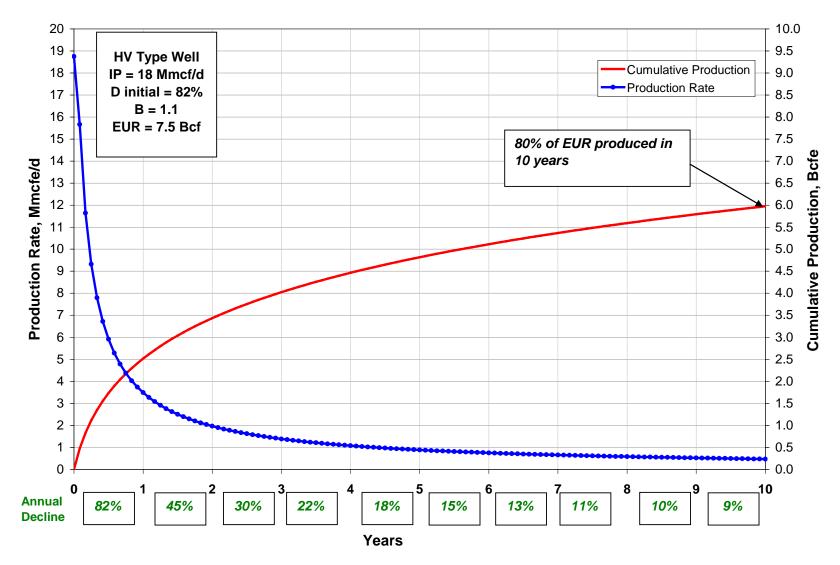
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Haynesville: AFE Breakdown



TANGIBLES					ACCT/SUB	AMOUNT	ACCT/SUB	AMOUNT	TOTAL
	LENGTH	SIZE	WEIGHT	GRADE	10.835	and the second second	10.845	CONTRACTOR OF THE	A Statistical Labor.
Conductor	80	16.0			02	10,000		A STATE PROVIDENT	10,000
Surface	2,150	10.75	40.5	J-55	03	47,600	1	and the state of the	47,600
Protection	10,300	7.625	29.7	P-110	04	277,600			277,600
Prod/Liner	5,591	4.5	15.1	P-110	06	107,000			107,000
Prod/Liner	10,590	5.5	23.0	P-110	06	286,600	State State	Contract Contractor	286,600
Tubing					denter stati		07	125,600	125,600
Packers/Other Subsurface Equipment				09	20,000	09	25,000	45,000	
Wellhead/Tree				12	50,000	Sale H Mine 19		50,000	
				MILCON AND AND		10.825	FACILITIES	0	
Flowline				Land the second	115 4 5 4 1. 193	08	36,000	36,000	
Artificial Lift					A ASSAULT A STATE	11	0	0	
Production Tree					her say him	12	65,000	65,000	
Meters / Production Controls				Charles The State	NAL SE MARK	13	18,000	18,000	
Separators				HARSDAD	A NUMBER OF STREET	14	30,000	30,000	
Heaters / Treaters / Dehy				A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR A CONTRACTOR A CONTRACTOR A CONTRACTOR A CONTRACT	IN THE REAL PROPERTY.	15	35,000	35,000	
Tanks				a share to be the	The second second	16	45,000	45,000	
Valves / Manifolds / Fittings / Connections					Children (Marine)		17	90,000	90,000
Compressor and Pumping Equipment						19	0	0	
Contingencies/Misc Costs 5%					20	39,900	20	33,500	73,400
TOTAL TANGIBLES						\$838,700		\$503,100	\$1,341,800
TOTAL WELL COST						\$4,053,800		\$5,327,800	\$9,381,600

Haynesville: Original 7.5 Bcf Type Curve



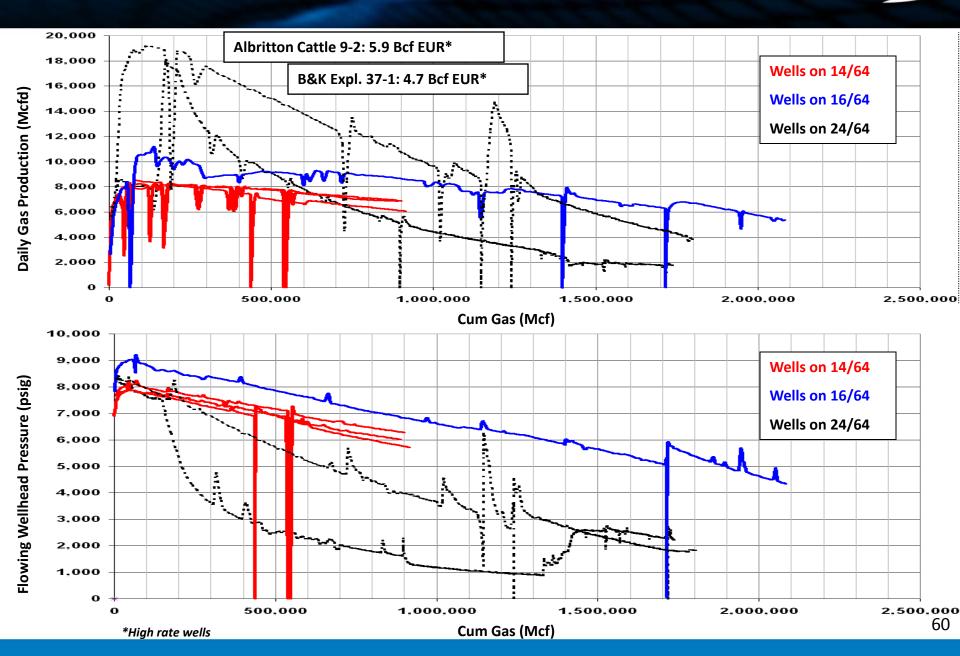
*Petrohawk's estimated type curve for wells produced typically on a 24/64" choke

Haynesville: Production Practices are the Next Driver of Improvement

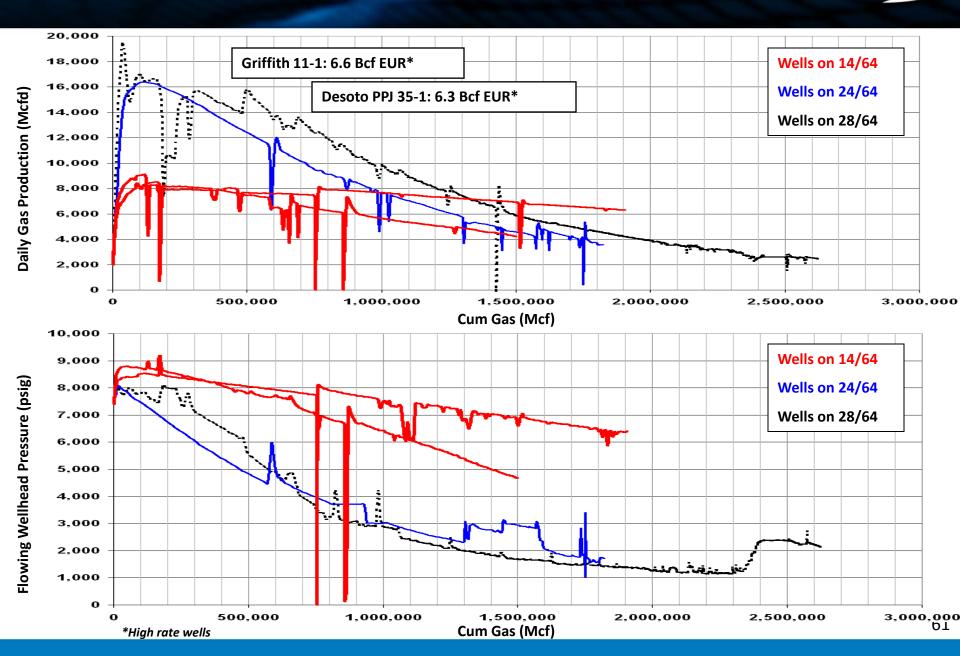
Risks associated with high rate production practices

- Embedment
- Fines migration
- Proppant deformation
- Benefits from utilizing restricted rate production practices
 - Decrease 1st year decline from ~80-85% to ~45-50%
 - Decrease base PDP decline
 - More stable production growth
 - Potentially a significant increase in EUR which offsets the slightly diminished PV as a result of deferred production
 - Deferral of capital necessary for field wide compression
 - Decrease in amine plant capacity required as a result of stabilizing production growth

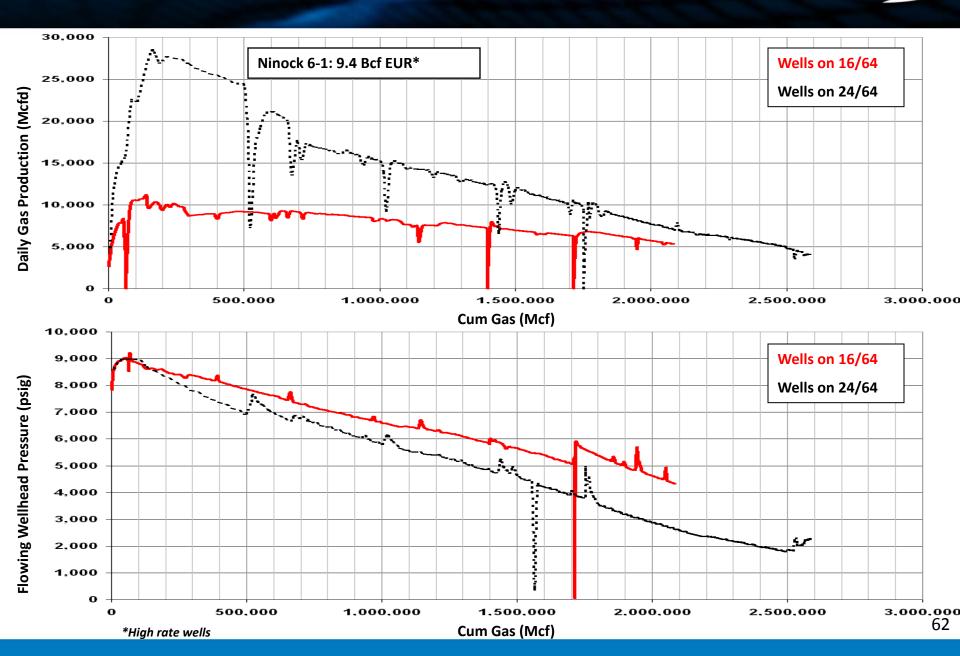
Haynesville: 4-6 Bcf Restricted Rate Data



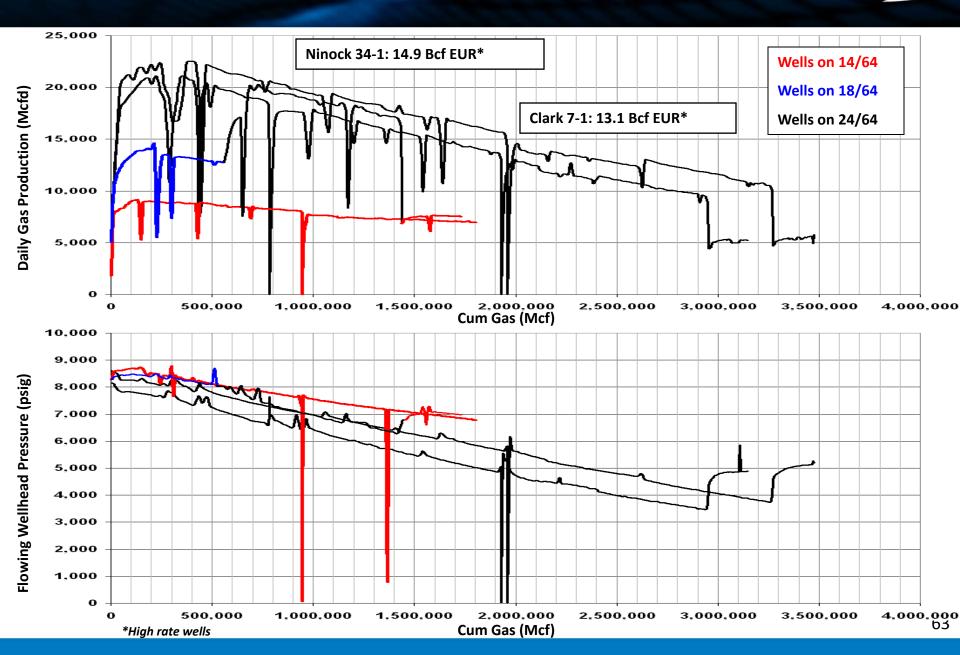
Haynesville: 6-8 Bcf Restricted Rate Data



Haynesville: 8-10 Bcf Restricted Rate Data

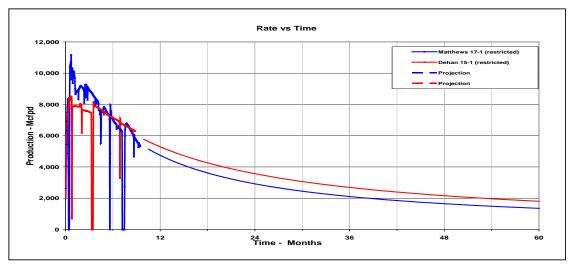


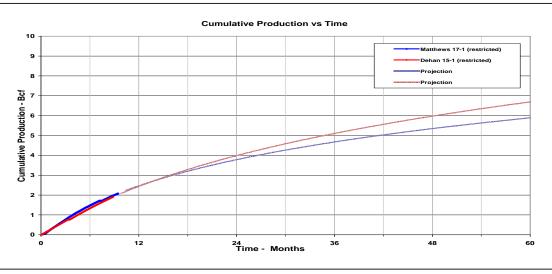
Haynesville: 10+ Bcf Restricted Rate Data



Haynesville: Forecasting Restricted Rate Wells

- Two oldest restricted rate wells (~9 months)
- High rate wells in the vicinity of these wells are ~6-8 Bcf EUR
- Current forecast yields ~6-7 Bcf produced in 5 years

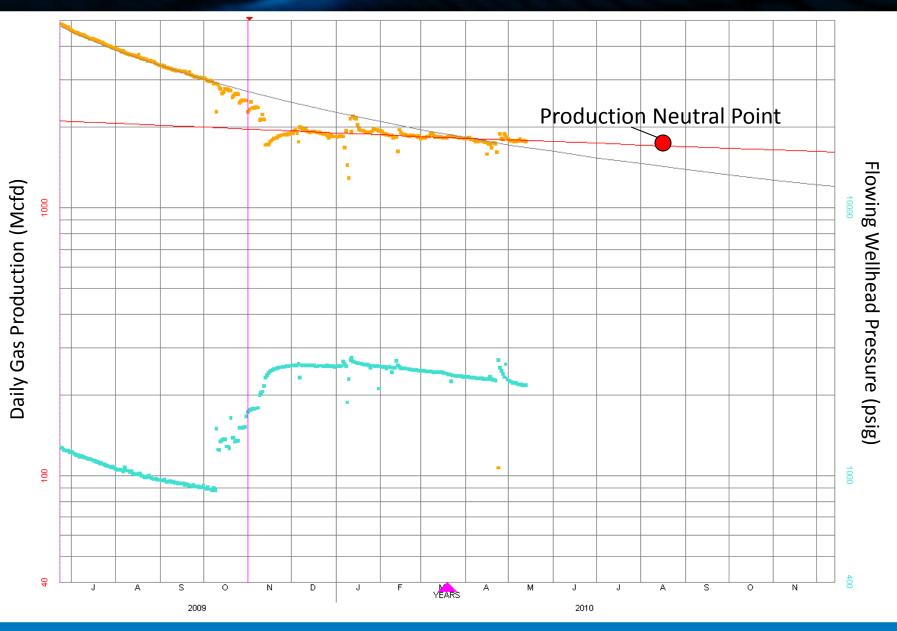




What more can be learned?

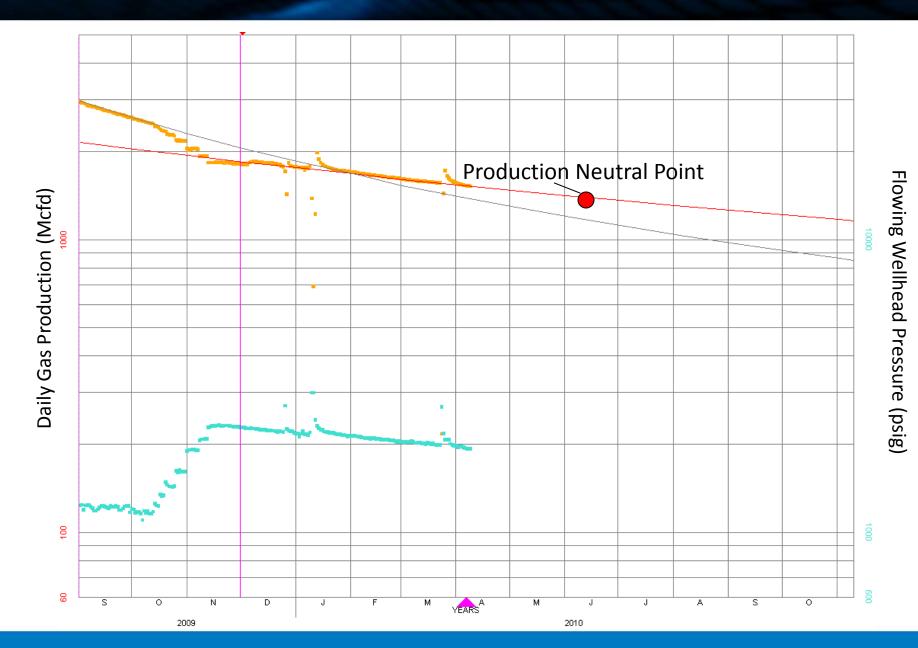
- Optimize each area of the field with the appropriate rate and flowing casing / tubing pressure
- Not only applicable to initial production, but also to existing wells
 - Restricting existing wells further delays the need for field-wide compression
 - Stabilizes base PDP decline
 - Could also result in higher EURs?

Haynesville: B & K Exploration #1H (4-6 Zone Well)



66

Haynesville: Hutchinson 9 #5H (6-8 Zone Well)

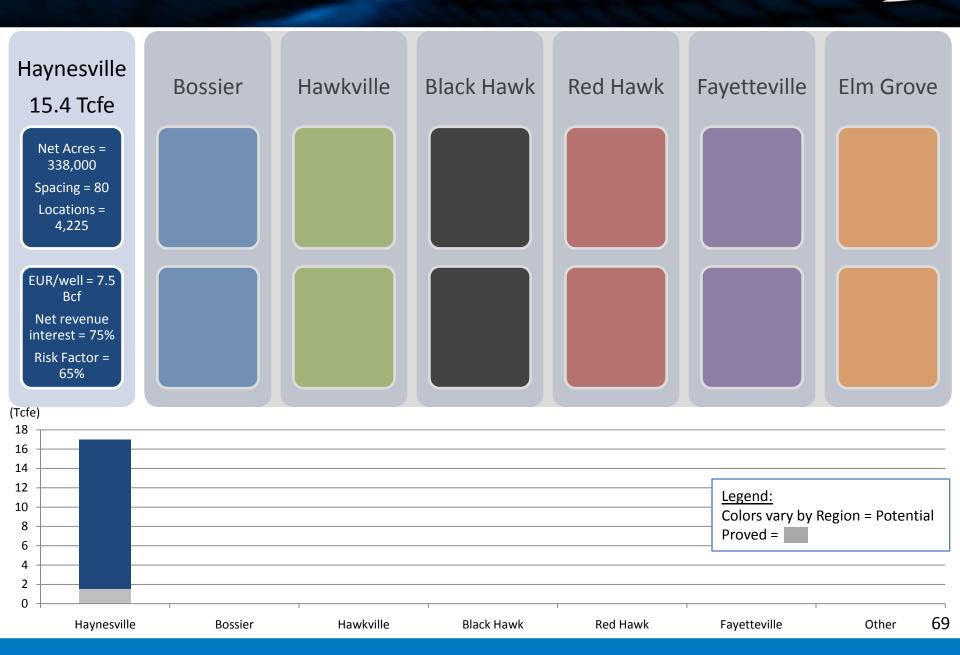


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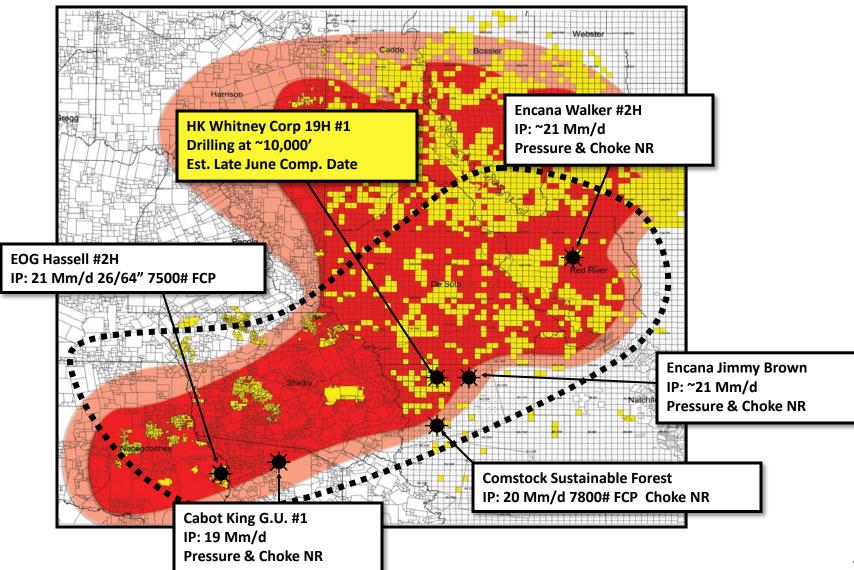
- Continued geological interpretation to better understand the distribution of rock quality
- Utilizing regional 3D data sets that, in conjunction with the geological knowledge, will more accurately identify areas of high quality reservoir
- Continued improvement in the drilling efficiencies
- Continued experimentation of the completion "recipe"
- Planning Group strategies:
 - Reservoir modeling to better understand drainage
 - Artificial lift
 - Pad drilling
 - Additional study of production optimization practices

Resource Potential – Haynesville

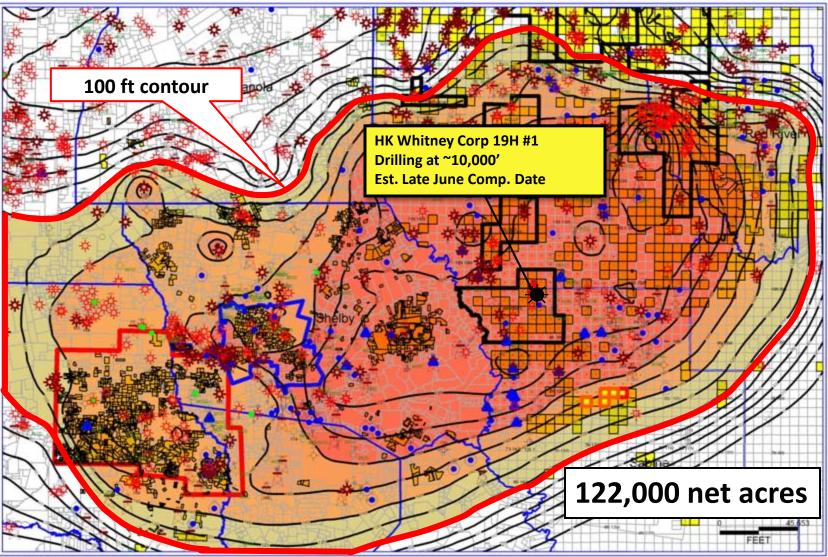


Lower Bossier Shale: Activity Map





Lower Bossier Shale: Net Isopach Map

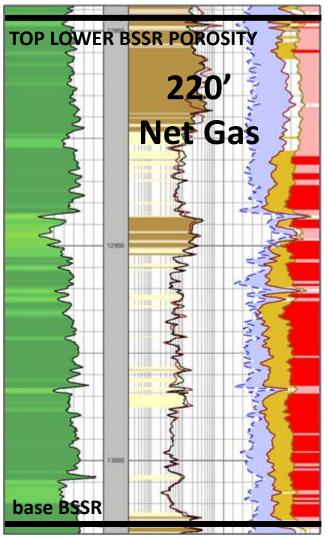


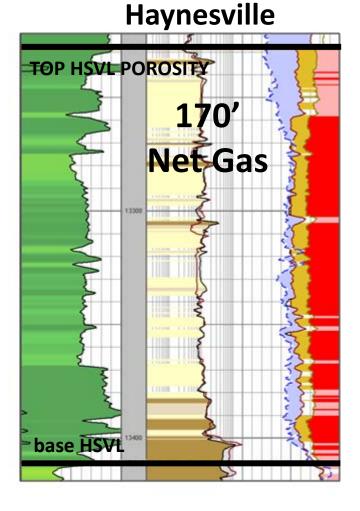
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Lower Bossier Shale: Bossier vs Haynesville



Bossier





EOG Hassel #1, Petrohawk 41.76% W.I.

Resource Potential – Bossier





Haynesville Shale and Bossier Shale Q&A