Technical Aspects of CS for HB 308 (Version E) (part II – issues 2, 4, 5, & 6)

Dan E. Dickinson CPA

House Resources Committee Feb 15, 2010

2.15.2010

6 Changes in CSHB 308

- Interest rate is lower of fed funds +2 or 11% (February 8, 2010 Testimony)
- Interest not due on retroactive regs changes prior to implementation
- Change progressivity from .4% to .2% (February 8, 2010 Testimony)
- Tax rate tied to resident hire
- 30% credit for well work
- Restore 3 year statute of limitations

Structure of CS for HB 308

Structure of CS For HB 308 26-LS1328/E Key Provision						Need																				
																										2011
section:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Eff Dt
Interest rate is lower																										
of fed funds + 2 or																										
11%						6																			25	
Interest not due on																										
retroactive regs																										
changes prior to																										
implementation							7							14											25	
Change progressivity																										
from .4 % to .2 %											11													24		
Housekeeping -																										
reference to interest	1				5	6		8	9	10		12	13			16		18	19		21	22			25	
Tax rate tied to																										
Resident hire		2	3	4											15			18					23		25	
30% credit for well																										
work																	17							24		
Restore 3 year statute																										
of limitations																				20					25	

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How is interest calculated?

- Production Tax is due on last day of the month following the month of production (AS 43.55.020 (a)).
- Amount of tax due change because of because of audit, revised reporting by taxpayer, retroactive revision of tariff due to a regulatory order in a rate case, retroactive change in regulations.
- Interest is charged back to when original tax is due.
- In a settlement Department can compromise amount of tax and amount of Penalty. (AS 43.55.070) – No mention of interest.

Regulations required retroactive to July 2007*

- In 2007 reforms ("ACES") Department charged with a number of specific responsibilities for regulations, as well as general implementation.
 - AS 43.55.150 "the department shall determine the reasonable cost of transportation, using the fair market value of like transportation, the fair market value of equally efficient and available modes of transportation or other reasonable methods.
 - AS 43.55.165(a) "...a producer's lease expenditures for a calendar year are ... costs ...allowed by the department by regulation..."
 - Production tax is a yearly tax however, effective dates of most of 2007 reform was July 1, 2007, so ways of combining two half years had to be implemented.
 - New reporting requirements (AS 43.55.030 & .040)
 - *New rules for exploration credits (AS 43.55.025)

Status of Regulations Affecting Returns after July 2007

			ion Draft		Public Com Draft		Adopted
Project One - Reporting Requirem	1 nent	2	3	4	1	2	
15 AAC 55. 520 Reporting					Feb-08		May '08 effective as of June '08
Project Two - NS PV, Civil Penaltic	es, Mid Y	ear Statu	ıtory Cha	nges, CI r	eporting		
35 sections Project Three - Exploration Credit		Oct-08	Nov-08		Apr-08 S	Sep-08	Sep '09 effective as of Oct '09
6 sections Project Four - Lease Expenditures	s				Aug-08 J	un-09	Nov '09 effective as of Dec '09
10 Sections Project Five - Reasonable Transpo	Jan-08	Mar-08	Sep-08				Jan '10 effective as of Feb '10
5 sections 6. Other Projects	Mar-08	May-08	Jan-09		Feb-10		
15 AAC 55. 173 NS Gas PV	Feb-08				Apr-08		Aug '08 effective as of Oct 1 '08
Facility Sharing Credit Safeguards "Affiliated" definition PV of oil	Oct-08 Nov-08 Jan-09	Nov-08	Feb-09	Jul-09	Jan-10		

Interest on Retroactive Regulatory Changes

- Governor Parnell's approach in AS 43.55.020(i):
 - Requires interest waiver not discretionary
 - More thorough explicitly recognizes that the absence of regulations is not the absence of any rules
 - Explicitly retroactive deals with the 2007 -2010 regulatory delay
 - Does not require restructuring AS 43.05.225 (thus eliminates half the provisions in the CS for HB 308)
 - (although in current CS Version E, section 6, page 3 line 5 requires in the insertion of an "a" in any case.)

Gov Parnell's suggestion on interest from retroactive regs

- *Section 1. AS 43.55.020 is amended by adding a new subsection to read:
- (i) Notwithstanding any contrary provision of AS 43.05.225 or (g) or (h) of this section, if the amount of a tax payment, including an installment payment, due under (a) (a) (1) (4) of this section is affected by the retroactive application of a regulation adopted under this chapter, the department shall determine whether the retroactive application of the regulation caused an underpayment or an overpayment of the amount due and adjust the interest due on the affected payment as follows:
 - (1) if an underpayment of the amount due occurred, the department shall waive interest that would otherwise accrue for the underpayment before the first day of the second month following the month in which the regulation become effective, if the department determines that
 - (A) the producer's underpayment resulted because the regulation was not in effect when the payment was due; and
 - (B) the producer made a good faith estimate of its tax obligation in light of the regulations then in effect when the payment was due, and paid the estimated tax;
 - (2) if an overpayment of the amount due occurred and the department determines that the producer's overpayment resulted because the regulation was not in effect when the payment was due, the obligation for a refund for the overpayment does not begin to accure [accrue] interest earlier than the following, as applicable:
 - (A) except as otherwise provided under (B) of this paragraph, the first day of the second month following the month in which the regulation became effective;
 - (B) 90 days after an amended statement under AS 34.55.030(a) and an application to request a refund of production tax paid is filed, if the overpayment was for a period for which an amended statement under AS 43.55.030(a) was required to be filed before the regulation became effective.

Interest on Retroactive Regulatory Changes

- Possible upgrades to Governor's Language:
- Don't require a departmental determination of good faith by the producer in each case. Assume it, and allow the department to prove otherwise if it finds egregious behavior.
- AS 43.55.020 (a)(1)-(3) are monthly "installment payments of estimated tax" using 1/12th of estimated credits and 1/12th estimated lease expenditures - so
 - No true up caused by retroactive regs except for annual true up already required under AS 43.55.020
 (a) (4) and
 - First first day of month more than 90 days after effective date of regs.

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- Tax rate tied to Resident Hire
- 30% credit for well work
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Rate tied to Resident Hire

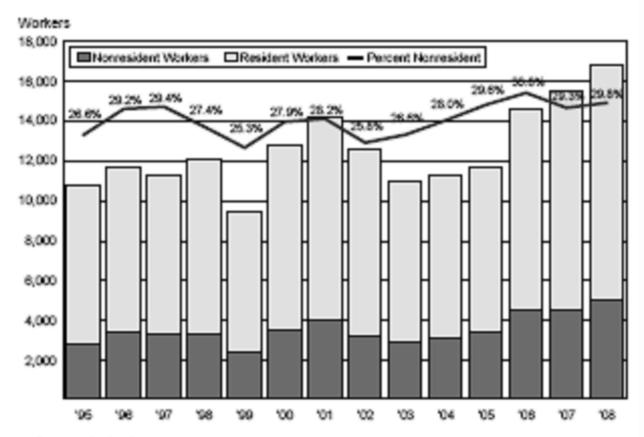
- General Approach (section 15)
- Base Tax rate (in AS 43.55.011(e)) is 25%, and Taxpayers makes monthly payments at that rate
- Any direct labor that is a lease expenditure is accounted for as Resident or non-Resident.
- At the end of the year total hours of labor are used to calculate a ratio for the year: or resident hire %
- New effective rate is calculated:
 - 20% for a 100% Resident Hire ratio up to
 - 25% (current law) for an 80% Resident Hire ratio.
- Taxpayer can then apply for a rebate of the difference for the prior year.
- Note: effective date should be beginning of a year.

Rates in CS HB 308 proposed 43.055.022 (b)

For Resident Hire Ratios		Rebate of amount under			
equal or		AS	Tax Rate in AS	Rebate as	Effective
above	but below	43.55.011(e)(1)	43.55.011(e)(1)	% of PTV	Tax Rate
70.0%	72.5%	0.0%	25.0%	0.0%	25.0%
72.5%	75.0%	0.0%	25.0%	0.0%	25.0%
75.0%	77.5%	0.0%	25.0%	0.0%	25.0%
80.0%	82.5%	2.0%	25.0%	0.5%	24.5%
82.5%	85.0%	4.0%	25.0%	1.0%	24.0%
85.0%	87.5%	6.0%	25.0%	1.5%	23.5%
87.5%	90.0%	8.0%	25.0%	2.0%	23.0%
90.0%	92.5%	10.0%	25.0%	2.5%	22.5%
92.5%	95.0%	12.0%	25.0%	3.0%	22.0%
95.0%	97.5%	14.0%	25.0%	3.5%	21.5%
97.5%	100.0%	16.0%	25.0%	4.0%	21.0%
100.0%		20.0%	25.0%	5.0%	20.0%

Non Resident Workers

6 Oil Industry Number and Percent Nonresident Workers Alaska 1995-2008



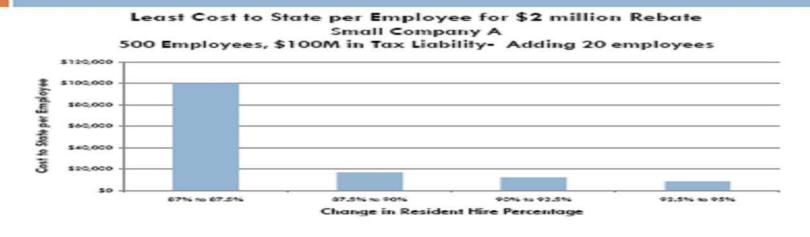
Note: Private Sector Only

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

Source: Nonresidents Working in Alaska, 2008, State of Alaska, Dept of Labor and Workforce Development (Jan 2010) http://www.labor.state.ak.us/research/reshire/nonres.pdf

DOR Presentation 2/10/2010 Tables 5-8





Change in rebate (dollars) is constant per category

% 2%

2%

2%

Change in employees is small in first category - large in all the rest

	slide	Small Change	BIG CHANGE	BIG CHANGE	BIG CHANGE
Company A	6	87.0% - 87.5%	87.5% - 90.0%	90.0% - 92.5%	92.5% - 95.0%
Company B	7	82.0% - 82.5%	82.5% - 85.0%	85.0% - 87.5%	87.5% - 90.0%
Company C	8	79.5% - 80.0%	80.0% - 82.5%	82.5% - 85.0%	85.0% - 87.5%
Range		0.50%	2.50%	2.50%	2.50%
Resulting Do	llars per e	employee:			
		Big	Small	Small	Small

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DOR

2/10/2010

Resident Hire -- What will it cost per job?

- "In an extreme example, [according to DOR] hiring just one Alaskan could mean \$30 million in tax savings" (Anchorage Daily News 2/11/2010, backpage (A-14))
- True: the bracket vs. formula issue
- DOR emphasized small employment change yielding large tax change – also true that large employment changes may not effect tax – formula fixes this feature.
- DOR emphasized employment changes about 80% however- Currently at 70%; no tax change until 80% achieved – formula preserves this feature

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Resident Hire – What will it cost per job?

All figures in Millions of Dollars:	
FY2008 Estimated PTV (\$millions)	\$ 16,837.7
FY2009 Estimated PTV (\$millions)	9,313.1
Average for CY 2009	13,075.4
Assumption: One company is responsible for half	6,537.7
AS 43.55.011(e)(1) taxes at 25%	1,634.4
If one incremental employee (hour) moves taxpayer by	
one bracket in between 80 - 97.5% then effect is (.5%)	32.7

Function of "brackets rate applied to base" Opposite effect also occurs.

70.00%

79.98%

Resident Hire – What will it cost per job?

Opposite effect also occurs.

Assumption: Company employees and contractors are 1/2 the workforce (2009 Total Workforce of 13,000, so Company has 6,500)

(1) A company this big will be close to the average so 70% Resident

13,000,000

13,000,000

Total Workers	Workers	Ratio	Tax rate
6,500	4,550	70.00%	25.0%
	649		
6,500	5,199	79.98%	25.0%
Total Warker	Dooidont		
		Ratio	Tax rate
	6,500	6,500 4,550 649 6,500 5,199 Total Worker Resident	6,500 4,550 70.00% 649 6,500 5,199 79.98% Total Worker Resident

Resident

9,100,000

1,298,000

10,398,000

"need to be at 80% to start the conversation"

year one

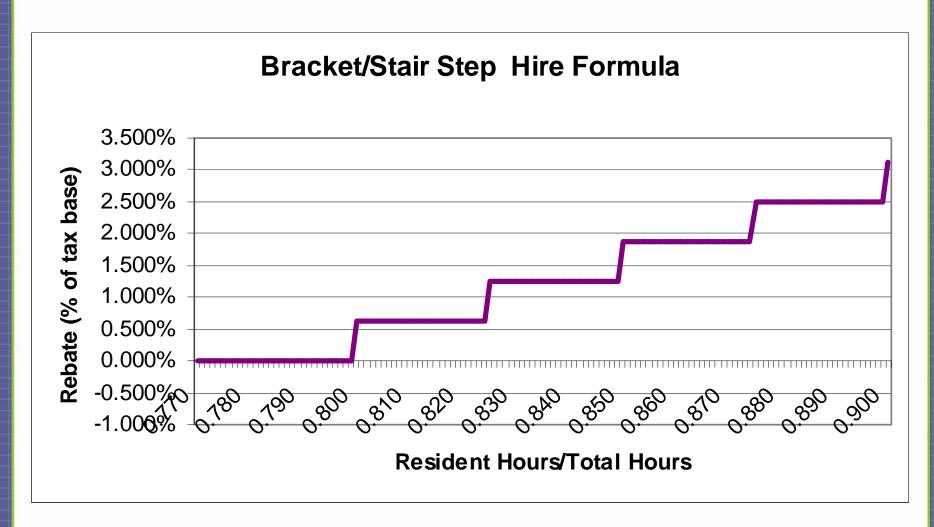
year two

add

25.0%

25.0%

Resident Hire – What will it cost per job?



Resident Hire – What will it cost per job?

Opposite effect also occurs.

Assumption: Company employees and contractors are 1/2 the workforce (2009 Total Workforce of 13,000, so Company has 6,500) (2)

		Resident		
	Total Workers	Workers	Ratio	Tax rate
year one	6500	5200	80.00%	24.5%
add		162		
year two	6500	5362	82.49%	24.5%
	Total Worker	Resident		
	Hours	Worker Hours	Ratio	Tax rate
year one	13,000,000	10,400,000	80.00%	24.5%
add		324,000		
year two	13,000,000	10,724,000	82.49%	24.5%

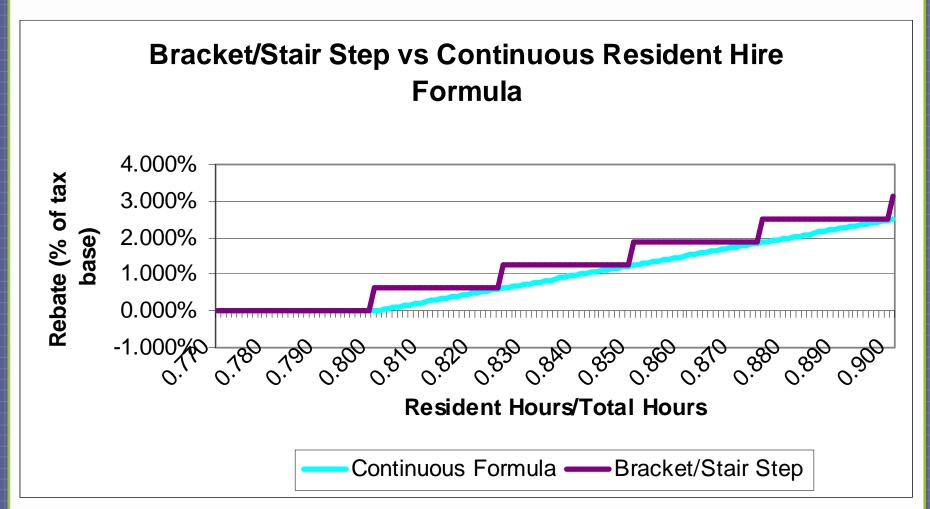
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Stair Step versus Continuous Function

Solution – Continuous function (with rounding)

- Rebate equal to tax base (PTV) times
- Higher of ((Resident Hours/Total hours) or .8)
- Less .8
- That transforms Resident Hire rates between 80% and 100% into a series from 0% to 20%

2. Stair Step versus Continuous Function



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Problem of "no reporting of nonresident wages"

	Actual	Rounded					
FY2008 Estimated PTV (\$millions) FY2009 Estimated PTV (\$millions) Average for CY 2009	\$ 16,837.7 9,313.1 13,075.4	10,000					
AS 43.55.011(e)(1) taxes at 25% Maximum Rebate (20% of taxes, 5% of base)	3,268.8 653.8	2,500 500					
Non Resident Workers in industry in 2008 Average Wages (2008) per worker (\$million) Total Non- Resident Wages	5043 0.083601 422	5,000 0.100000 500					
Effect of not claiming Non resident wages as lease expense (25%) (\$millions)	105.4	125					
So by simply not reporting or deducting the 5043 non residents Decrease in taxes: (\$millions) 548.4 375							

Sources: State of Alaska, Dept. of Labor and Workforce Development, Nonresidents Working in Alaska, 2008 (Jan 2010), derivations from figures in Dept of Revenue, Revenue Sources Book (Fall 2009)

Some solutions to "no reporting of nonresident wages"

- 1. Shift the scale so maximum tax savings are not \$500 million by \$100 million and tax rate could range from 24% to 25%.
- 2. Require that for any labor to be allowed as a lease expense, all the labor from that company must be calculated in Resident Hire calculation (with additional rules for pass through).
- 3. Focus on new hires only, and specific dollar rebate for every new resident hire.
- 4. Given structure of industry, have the DOR determine a tax rate every year based on the Resident Hire Ratios of 10 (20?) largest employers in the industry or largest generators of lease expenditures.

Structure of Industry in Alaska

- Producers (taxpayers) have employees & hire
 - Operator who has employees & hires
 - Contractors, and buys "stuff"
- According to the Dept of Labor & Workforce Development (2008) employment in
- Oil and gas (direct) 4,055
- Oilfield Services 12,875
- Total 16,930

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Who are the 15 Tax Production Tax Filers (2009)?

	1	2	3	4	5	6	7 -10			
	CP	BP	EM	Anadarko	Chevron	Pioneer	4 Others(1)	Total		
Production in	Millions of B	bls a day								
PBU & Sat	0.1317	0.0962	0.1328	-	0.0042	-	0.0001	0.365		
KRU & Sat	0.0785	0.0558	0.0006	-	0.0071	-	-	0.142		
North Star	-	0.0270	-	-	-	-	-	0.027		
Alpine & Sat	0.0827	-	-	0.0233	-	-	-	0.106		
Endicott	0.0004	0.0074	0.0045	-	0.0017	-	0.0001	0.014		
Milne	-	0.0310	-	-	-	-	-	0.031		
Oooguruk	-	-	-	-	-	0.0028	0.0012	0.004		
Total bbl/day	0.2933	0.2174	0.1379	0.0233	0.0130	0.0028	0.0013	0.689		
MM bbl/yr	107.0	79.4	50.3	8.5	4.8	1.0	0.5	251.5		
% of NS	43%	32%	20%	3%	2%	0%	0%	100%		
Cook Inlet 200	09					Cook Inlet	Production			
							oil	4.0		
	10% of prod	duction					gas (boe)	24.9		
	1/2 of 1% o	f tax due to	AS 43.55	5.011(j) and	(k) limitation	ns	Total CI	28.9		
							Total AK	280.43		
Cook Inlet:						(1) Others				
11	Aurora					7	Nana			
	*Chevron (h	neritage Un	ocal & Ch	evron)		8	Doyen			
	*CP (heritaç	ge Arco and	d Phillips)			9	Forest &			
12	Pacific Ene	rgy (acquire	ed Forest	interests)		10	ENI			
13 Marathon										
14	14 ML&P									
	*EM (heritage	ge Mobil &	XTO)							
15	Pioneer (La	wrenceville	·, III)							

Source: DNR Division of Oil and Gas 2006 & 2009 Annual Reports, DOR, Fall 2009 Revenue Sources Book

Who are the 15 Tax Production Tax Filers?

	1	2	3	4	5	6	7 -10	
	CP	BP	EM	Anadarko	Chevron	Pioneer	4 Others(1)	Total
Production in	Millions of B	Bbls a day						
PBU & Sat	0.1317	0.0962	0.1328	-	0.0042	-	0.0001	0.365
KRU & Sat	0.0785	0.0558	0.0006	-	0.0071	-	-	0.142
North Star	-	0.0270	-	-	-	-	-	0.027
Alpine & Sat	0.0827	-	-	0.0233	-	-	-	0.106
Endicott	0.0004	0.0074	0.0045	-	0.0017	-	0.0001	0.014
Milne	-	0.0310	-	-	-	-	-	0.031
Oooguruk	-	-	-	-	-	0.0028	0.0012	0.004
Total bbl/day	0.2933	0.2174	0.1379	0.0233	0.0130	0.0028	0.0013	0.689
MM bbl/yr	107.0	79.4	50.3	8.5	4.8	1.0	0.5	251.5
% of NS	43%	32%	20%	3%	2%	0%	0%	100%
Cook Inlet 200	09					Cook Inlet	Production	
							oil	4.0
	10% of pro	duction					gas (boe)	24.9
	1/2 of 1% o	of tax due to	AS 43.55	5.011(j) and	(k) limitatio	ns	Total CI	28.9
							Total AK	280.43
Cook Inlet:						(1) Others		
11	Aurora					7	Nana	
	*Chevron (h	_		•			Doyen	
	*CP (herita		. ,				Forest &	
	Pacific Ene	rgy (acquire	ed Forest		10	ENI		
13 <mark>Marathon</mark>								
14	ML&P							
(covered
15	Pioneer (La	wrenceville	e, III)				by AS 43.55.0	24 credit

Source: DNR Division of Oil and Gas 2006 & 2009 Annual Reports, DOR, Fall 2009 Revenue Sources Book

Who are the Employers in the Oil and Gas Industry

 Recall EM, BP and CP are largest taxpayers – they would put pressure on employers to qualify for lower rate

Ranking in Top 100	Total Emplo	oyees		Non Resident %
5 ASRC	2250	2499	Oil Field Services	24.1%
8 CH2MHill	1750	1999	Oil Field Services	35.5%
9 BP Exploration			Oil & Gas Extraction	27.7%
17 Conoco Phillips	1000	1249	Oil & Gas Extraction	20.7%
36 Nabors Alaska Drilling	500	749	Oil Field Services	
43 Schlumberger Technologies			Oil Field Services	30.5%
49 Udelhoven Oilfied System Services			Oil Field Services	30.5%
52 Peak Oilfield Service Company	250	499	Oil Field Services	26.8%
69 Norcon			Oil Field Services	23.2%
73 Chevron			Oil & Gas Extraction	
78 Hallibturon			Oil Field Services	32.3%
95 Doyon Drilling			Oil Field Services	
Veritas Dgc Land Inc				47.9%
Baker Hughes Oilfield Operations Inc.				54.1%
NOTE Date National House House Note that		T		

NOTE: Does Not Include "Catering/Security", Engineering, Transportion, Communications, Construction

Sources: State of Alaska, Dept. of Labor and Workforce Development, <u>100 Largest Private Employers</u>, <u>2008</u> (Alaska Economic Trends, July 2009), <u>Nonresidents Working in Alaska</u>, <u>2008</u> (Jan 2010)

To be addressed by Regulations or Statute II

- Is the "overhead labor" that is replaced by a formula in 15 AAC 55.270 part of the resident labor calculation? (see DOR slides)
- If a contractor has a fixed price contract, or charges a fee that includes labor (such as for transportation, turnkey modules, any manufactured good) who determines, or how is it determined whether and to analyze the labor in that transaction for resident labor?
- Are billed professional services (say by an engineer)
 "labor" for the resident hire calculation.
- Should be effective on the first day of a year.

To be addressed by Regulations or Statute I

- If tax was not paid due to limitations in AS 43.55.011(j),
 (k) and (o) CI or instate gas, can it be rebated?
- If tax was not paid due to applications of .023 Capitol and Loss Carry Forward Credits, .024 "Low Production" Credits and/or .025 Exploration Credits, can it be rebated?
- If times are tough and taxpayers have to pay the "alternative minimum tax" under AS 43.55.011(f), can that be rebated? It is a tax based on gross – but will still require the calculation of labor costs.
- If there is lots of investment activity and so that generates a loss – No resident hire issues if no tax base? Or should the rebate effect the loss carryforward. (Perverse incentive)

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Investment Credits

- Section 17 adds 30% well work credit to investment credits
- Under Current Law –
- 30% Credit for exploration wells (AS 43.55.025)
- 40% Credit for seismic work outside of existing unit,
 - or exploration wells 25 miles from existing unit, and
 - 3 miles from any prior well (or with certification from DNR that it is for a new target in the Cook Inlet)
 (AS 43.55.025)
- 20% Credit for any capital investment (AS 43.55.023(a))
- No change to Exploration Credits AS 43.55.025 under this bill

- How does this compare with Governor's "Well Credits" proposal
- -Both create a 30% credit for well work
- -Both include pertinent capex and opex
- -CS should be effective on the first day of a month (Gov's bill is July 1, 2010) year.
- Differences:
- CS for HB 308 places the credit among the .023 "<u>Tax</u> <u>Credits for certain losses and expenditures</u>" Governor's bill changes name of .025 from "<u>Exploration</u>" to "<u>Exploration and Development</u>" and places it there.
- Different definition of well related expense.
- (Other changes to AS 43.55.025 in Gov's bill)

Differences between AS .023 and .025

AS 43.55.023 – Tax credits for certain	AS 43.55.025 – Alternative tax credit for
loses and expenditures	oil and gas exploration
AS 43.55.023 deals with capital costs in	AS 43.55.025 deals only with exploration
(a), lease expenditures in (b), and both in	costs –by explorers. Administration
sections (c), (d), (e), (g), (h) and (j). (note –	suggests totally re-writing and re-titling to
(f) repealed and (i) and (k) deal only with	cover this work by explorers and
capital).	producers.
21 specific exclusions from lease	Prohibitions summed up in one paragraph
expenditures listed in AS 43.55.165 (e) (1)	(AS 43.55.025(b)(3)
-(21) including exclusion of 30 cents a	
barrel from any capital cost, and certain	
transactions with affiliates or related	
parties.	
Restrictions in AS 43.55.011(m) ("credits	AS 43.55.011(m) ("credits clawback") does
clawback") do not apply.	apply.

Question: Are we certain that the restructuring of AS 43.55.025 will not result in inadvertent changes to the rules?

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Definitions of well work compared

CS for HB 308 proposed AS	Governor's Language proposed AS
43.55.023(m)(3)	43.55.025(b) (3) and (4)
"Well-related expenditures" means	Development well expenditures are for
A lease expenditure	Goods, services and rentals of personal property reasonable required for
related to a well	
and includes a lease expenditure for the	Re-drilling, casing, cementing or logging,
purposes of sidetracking, well deepening,	Completing, workover operations or other
well recompletion, well workover,	operations intended to increase or enhance
	well production
	from known productive pool;
an injection well and well related seismic	And the well is not a service well [injector]
work and	or stratigraphic test well.
an intangible drilling and development cost	
authorized under 26 USC (IRC) as	
amended, and 26 CFR 1.612-4, regardless	
of the elections make under 26 USC	
263(C0 as amended	
up to the flange connecting the well head to	
the well line.	

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- Section 20 Restores statute of limitations to three years for production tax - time for the state to complete a production tax audit (or, agree to an extension with taxpayer or issue a blue sky assessment)
- Three year rule would begin with 2011 tax year
- Note: in the case of False or Fraudulent returns, or failure to file a return, may proceed "at any time"
- Prior to 2007, SOL was three years for all tax types under AS 43.05.260 –
- In 2007 production tax pulled out and extended to 6 years in AS 43.55.075

Thank You

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