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March 8, 2010

The Honorable Bert Stedman State Senate Alaska State Capitol, Room 516 Juneau, Alaska 99801-1182

Dear Senator Stedman:

Thank you for the opportunity to present to the Senate Finance Committee on February 23, 2010, regarding the State of Alaska's oil tax structure.

Questions raised during the committee discussion are answered below with additional details provided in the referenced attachments.

- Question 1: Does slide number 5, "North Slope Remaining Barrels," include heavy oil?
- Response: Yes, the slide is the sum of the ANS production forecast from the Department of Revenue's (DOR) fall 2008 forecast for the years 2010-2050. DOR included production from the West Sak heavy oil reservoir in this forecast. Please see Attachment 1.
- Question 2: Can you provide the inflation factors used to normalize North Slope expenditures on slide number 8?
- Response: Cambridge Energy Resources Associates' (CERA) inflation factors were used to normalize the hyperinflation experienced by the oil industry in concurrence with oil price changes. These are the same inflation factors used by the Department of Revenue (DOR) in their presentation to the Senate Resources Committee on February 4, 2010. The DOR presentation and the table of inflation factors used by ConocoPhillips to adjust expenditures on slide number 8 are shown on Attachments 2 through 4.

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- <u>Question 3:</u> For slide number 9, "Extending Core Field Lives," show capital split between maintenance/repair/replace and development.
- Response: Please see Attachment 5, a reformatted version of slide number 9 to a stacked bar chart that shows the increasing maintenance investment focused on extending the core fields' lives. This investment is represented by the increasing gray portion of the bars. The flat to decreasing red portion of the bars shows the investment in projects and drilling.

The next chart, Attachment 6, presents a break down of the gross capital investment in the core North Slope fields. The red portion of the bars indicates that capital investment in drilling and new projects has declined in recent years. The gray portion shows that capital investment in core field maintenance, repair and replacement activities has increased. These maintenance capital investments are necessary to prolong the lives of and mitigate production decline rates of the core fields.

Please don't hesitate to contact me if the Committee has further questions or requires additional information.

Sincerely,

Werdy Sking Wendy D. King

Attachments

cc: Brian Wenzel ConocoPhillips Alaska



Source: DOR production forecast 2010 – 2050 volumes





North Slope Remaining Barrels



2/4/2010

Alaska Department of Revenue



CERA Inflation Factors

Attachment #2



2/4/2010

Alaska Department of Revenue



Historical Trend – Worldwide

CERA Inflation Factors

Attachment #3

ConocoPhillips

CERA Inflation Factors

Attachment #4

2010	2009	2008	2007	<u>с</u>
202.0	230.0	197.8	167.4	CERA Ipstream Capital sts Index
1.21	1.37	1.18	1.00	Inflation Adjustment
166.6	181.7	168.1	150.6	CERA Upstream Operating Cost Index
1.11	1.21	1.12	1.00	Inflation Adjustment

ConocoPhillips

Source: ConocoPhillips internal

Maintenance investment essential



Core Field Investments Extend Field Life

Core field gross investments include capital and operating expense, \$MM

to extending field life

ConocoPhillips

Source: ConocoPhillips internal

Capital maintenance investment essential component of extending field life



Capital Portion of Core Field Investment

Core field gross investment on capital, \$MM

Development Capital Maintenance Capital