CSSB305 (FIN) COST ALLOCATION SENSITIVITY

Methodology

- Model Assumptions:
    - One year snapshot
    - 4.5 Bcf/d and 500 Mbbl/d
        - (additional sensitivity of 4.5 Bcf/d and 200 Mbbl/d)
    - Total Opex = $2.2 Bn and Total Capex = $2.2 Bn

- Ran multiple cases varying oil price from 40 to 200 $/bbl and gas price parity from 6 to 26
- Ran the above cases for each of BOE, PoP and calculated the difference

Total Tax CSSB305 (FIN)
PoP less BOE Cost Allocation

Oil: 500 Mbbl/d and Gas: 4.5 Bcf/d
Capex: $2.2Bn and Opex: $2.2Bn

Gas Price Parity

Oil Price ($/bbl)

	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
6	0.0	(0.1)	(0.1)	(0.1)	(0.1)	(0.0)	(0.0)	(0.0)	0.0	0.0	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
8	(0.5)	(0.1)	(0.2)	(0.3)	(0.3)	(0.3)	(0.2)	(0.2)	(0.0)	(0.0)	0.0	0.0	0.1	0.1	(0.1)	(0.1)	(0.1)
10	(0.5)	(0.5)	(0.4)	(0.4)	(0.5)	(0.5)	(0.6)	(0.6)	(0.2)	(0.2)	(0.1)	(0.1)	(0.1)	(0.0)	(0.0)	0.0	0.0
12	(0.5)	(0.7)	(0.8)	(0.7)	(0.6)	(0.7)	(0.7)	(0.8)	(0.5)	(0.4)	(0.3)	(0.3)	(0.2)	(0.2)	(0.2)	(0.2)	(0.1)
14	(0.5)	(0.7)	(1.0)	(1.0)	(0.9)	(0.8)	(0.9)	(1.0)	(0.6)	(0.6)	(0.6)	(0.5)	(0.4)	(0.4)	(0.3)	(0.3)	(0.3)
16	(0.5)	(0.7)	(1.0)	(1.3)	(1.2)	(1.1)	(1.0)	(1.1)	(0.7)	(0.6)	(0.7)	(0.7)	(0.7)	(0.6)	(0.5)	(0.5)	(0.5)
18	(0.5)	(0.7)	(1.0)	(1.3)	(1.5)	(1.4)	(1.4)	(1.3)	(0.8)	(0.7)	(0.7)	(0.7)	(0.8)	(0.8)	(0.8)	(0.7)	(0.6)
20	(0.5)	(0.7)	(1.0)	(1.3)	(1.5)	(1.7)	(1.6)	(1.6)	(1.0)	(0.8)	(0.8)	(0.8)	(0.8)	(0.8)	(0.9)	(0.9)	(0.9)
22	(0.5)	(0.7)	(1.0)	(1.3)	(1.5)	(1.7)	(1.9)	(1.9)	(1.3)	(1.0)	(0.8)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(1.0)
24	(0.5)	(0.7)	(1.0)	(1.3)	(1.5)	(1.7)	(1.9)	(2.1)	(1.6)	(1.2)	(1.1)	(0.9)	(0.9)	(0.9)	(1.0)	(1.0)	(1.0)
26	(0.5)	(0.7)	(1.0)	(1.3)	(1.5)	(1.7)	(1.9)	(2.1)	(1.8)	(1.4)	(1.3)	(1.1)	(1.0)	(1.0)	(1.0)	(1.0)	(1.1)

PoP > BOE   PoP = BOE   PoP < BOE

Total Tax CSSB305 (FIN)
PoP less BOE Cost Allocation

Oil: 200 Mbbl/d and Gas: 4.5 Bcf/d
Capex: $2.2Bn and Opex: $2.2Bn

Gas Price Parity

Oil Price ($/bbl)

	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
6	0.0	0.0	(0.1)	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	0.0	0.0	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
8	0.0	(0.0)	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.1)	(0.0)	0.0	0.0	0.0	0.1	(0.0)	(0.0)	(0.0)
10	0.0	(0.0)	(0.3)	(0.2)	(0.3)	(0.4)	(0.4)	(0.5)	(0.3)	(0.1)	(0.1)	(0.1)	(0.1)	(0.0)	(0.0)	(0.0)	0.0
12	0.0	(0.0)	(0.3)	(0.6)	(0.5)	(0.5)	(0.6)	(0.6)	(0.6)	(0.4)	(0.3)	(0.2)	(0.2)	(0.2)	(0.2)	(0.1)	(0.1)
14	0.0	(0.0)	(0.3)	(0.6)	(0.9)	(0.8)	(0.7)	(0.8)	(0.7)	(0.6)	(0.5)	(0.5)	(0.5)	(0.3)	(0.3)	(0.3)	(0.3)
16	0.0	(0.0)	(0.3)	(0.6)	(0.9)	(1.1)	(1.1)	(0.9)	(0.9)	(0.8)	(0.6)	(0.6)	(0.6)	(0.6)	(0.6)	(0.5)	(0.4)
18	0.0	(0.0)	(0.3)	(0.6)	(0.9)	(1.3)	(1.4)	(1.3)	(1.1)	(0.9)	(0.8)	(0.7)	(0.7)	(0.7)	(0.7)	(0.8)	(0.7)
20	0.0	(0.0)	(0.3)	(0.6)	(0.9)	(1.3)	(1.7)	(1.6)	(1.5)	(1.2)	(0.9)	(0.8)	(0.8)	(0.8)	(0.8)	(0.8)	(0.9)
22	0.0	(0.0)	(0.3)	(0.6)	(0.9)	(1.3)	(1.8)	(1.9)	(1.8)	(1.5)	(1.2)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)
24	0.0	(0.0)	(0.3)	(0.6)	(0.9)	(1.3)	(1.8)	(2.1)	(2.0)	(1.8)	(1.6)	(1.2)	(1.0)	(1.0)	(1.0)	(1.0)	(1.0)
26	0.0	(0.0)	(0.3)	(0.6)	(0.9)	(1.3)	(1.8)	(2.2)	(2.3)	(2.1)	(1.8)	(1.5)	(1.3)	(1.2)	(1.1)	(1.1)	(1.1)

PoP > BOE   PoP = BOE   PoP < BOE

Gas Tax CSSB305 (FIN)
PoP less BOE Cost Allocation

Oil: 500 Mbbl/d and Gas: 4.5 Bcf/d
Capex: $2.2Bn and Opex: $2.2Bn

Gas Price Parity

Oil Price ($/bbl)

	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.0	0.2	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4
10	0.0	0.0	0.2	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7
12	0.0	0.0	0.1	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8
14	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.6	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.8	0.8
16	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.8	0.8
18	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7
20	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.7	0.7	0.6	0.6	0.6	0.6
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7

PoP > BOE   PoP = BOE   PoP < BOE

Gas Tax CSSB305 (FIN)
PoP less BOE Cost Allocation

Oil: 200 Mbbl/d and Gas: 4.5 Bcf/d
Capex: $2.2Bn and Opex: $2.2Bn

Gas Price Parity

Oil Price ($/bbl)

	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
6	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.0	0.0	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3
10	0.0	0.0	0.0	0.2	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
12	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6
14	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7
16	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.6	0.6	0.5	0.5	0.5	0.6	0.7	0.7
18	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.6	0.6	0.6
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.7	0.7
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.7
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7

PoP > BOE   PoP = BOE   PoP < BOE