

UPSTREAM OIL AND GAS BLUEPRINT



**COGNOS PERFORMANCE
BLUEPRINT
IMPLEMENTATION
GUIDE**

**A WEB-BASED PERFORMANCE
MANAGEMENT APPLICATION**

EXECUTIVE SUMMARY

This Application Brief demonstrates a best practices performance management framework for managing upstream oil and gas projections using Cognos 8 Planning and Cognos 8 BI. Implementing this *Blueprint* will enable forward-looking visibility into production, revenue, expenses, and capital expenditures at the well, field, or area level. The *Cognos Upstream Oil and Gas Blueprint* is designed to reconcile with company-wide strategic plans, so that all parts of the organization are planning from a single set of financial goals and business objectives.



OVERVIEW

The oil and gas industry is often divided into three major sectors: upstream, midstream, and downstream. This particular *Blueprint* addresses performance management in the upstream sector, which includes searching for potential oil and gas fields, drilling exploratory wells, and operating the wells that recover and bring the crude oil or raw natural gas to the surface.

The upstream oil and gas sector is characterized by rapidly increasing demand, increased reliance on unconventional sources, rig shortages, and resource nationalization. The emergence of the “digital oilfield” has driven a need for integration. Systems of record that collect large amounts of data are often geographically dispersed and may classify the same items differently, adding additional complexity to reporting and analyzing results.

Operations across various regions and countries with different reporting standards have also made consolidation difficult. A volatile pricing environment and difficulty in predicting future political and legislative environments require that companies be able to forecast the impact of any unforeseen changes quickly. Business analysts need to be able to analyze the impact of various scenarios on their financial results to ensure that the appropriate reaction to this new information is taken quickly and effectively, and makes the best use of the resources available.

The *Cognos Upstream Oil and Gas Planning Blueprint* addresses the many challenges that affect the planning process, and assists in the planning, managing, and evaluation of operating plans by:

- Retrieving key data from various source systems into a single view of the entire organization
- Incorporating commodity-pricing driver assumptions that feed into the plan for consistency across the business
- Enabling scenario planning that produces scenarios based on different operating assumptions
- Standardizing data across all regions and operations for ease of consolidation and reporting.

BLUEPRINT BENEFITS

The *Cognos Upstream Oil and Gas Blueprint* provides a performance management framework—including planning, metrics, and reporting—that allows the upstream oil and gas sector to plan production, revenue, expenses, and capital expenditures at the well, field, or area level. The *Blueprint* is designed to reconcile company-wide strategic plans, so that all parts of the organization are planning with a single set of financial goals and business objectives.

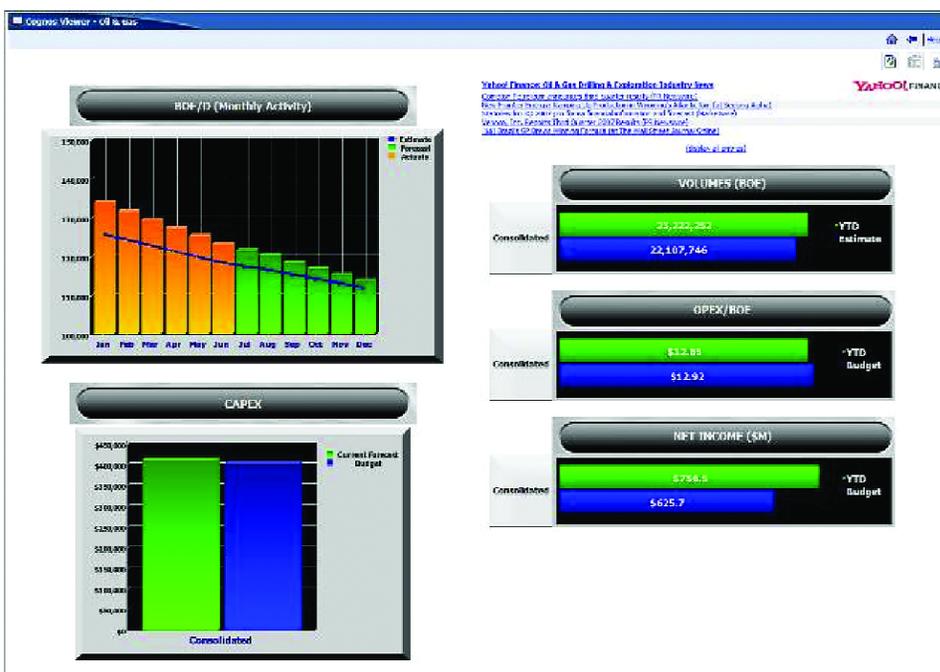
The *Blueprint* provides the flexibility for meeting the various challenges in the upstream oil and gas sector. Customers benefit from proven practices in model design that greatly reduce investment in implementation time and resources. Using the predefined data model, customers can focus on applying the technology to solve business problems, rather than dealing with fundamental process analysis and technical design.

The capabilities of the *Blueprint* allow you to:

- Access various systems of record to obtain both projected and historical volumes, as well as financial data needed as a starting point for the budget or forecast process
- Identify operating expense and production variances, trends, anomalies, and opportunities, and model the effect of drivers against various scenarios
- Structure data and reporting to comply with Sarbanes-Oxley and other regulatory compliance initiatives
- Integrate operational and financial planning in real time for immediate insight into resource requirements and future consolidated business results for various scenarios
- Understand the impact of increased or decreased production volumes on cash flow, distributions, and financial statements
- Incorporate exchange rate assumptions to roll up to a consolidated forecast in the company's local currency
- Conduct what-if modeling that allows managers to analyze the impact of changes in operating costs, exchange rates, commodity prices, and the effects of other scenarios
- Engage in break-back distribution of production, revenue, and expense targets across fields and areas
- Compare incremental increases in production volumes related to capital expenditures
- Forecast field expenses at gross and net levels
- Manage royalties and provide insight into the impact of royalty rates on profitability
- Integrate workflow to manage and consolidate plans with a visual scorecard, so that the status of the planning process can be easily determined and actions can be taken to complete the planning process
- Streamline reconciliation with company-wide strategic financial plans, managing consistency between top-down and bottom-up plans
- Summarize calculated metrics and link them to scorecards and reports to measure financial performance at any level of the organizational hierarchy of plans compared to actual or budget values.

THE BLUEPRINT IN ACTION

The *Cognos Upstream Oil and Gas Blueprint* provides information in a customized set of reports. The screenshot shows a dashboard with the charts relevant to a decision-maker. From this dashboard, the manager can access the full range of relevant reports, analyses, and plans. All the charts provide the capability of drilling through to more detailed analyses, and include up-to-date information from source systems. Dashboards are customized to the different roles and responsibilities found within an oil and gas company, and show the relevant information for each stakeholder.



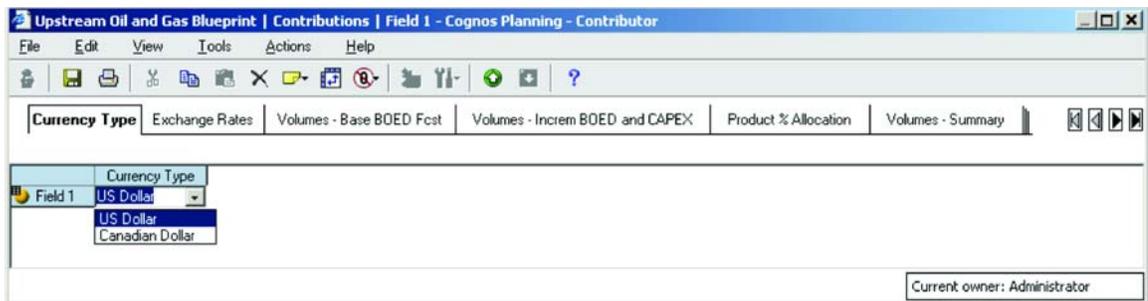
With a dashboard like the one above an executive can see that operating expenses are trending higher than planned. The executive would then have the capability to drill-down to the level of detail desired in order to identify the source of the problem and create a subsequent action plan. A reservoir engineer could update their assumptions and the executive would immediately be able to see the impact on the overall forecast. Additionally, the executive could identify the impact of different scenarios on the entire company. What happens if net operating expenses increase by 10 percent, for example? What if net prices increase an additional 10 percent? Will we be able to accelerate our drilling schedule? Should we alter our hedging strategy? Using a financial summary dashboard, the executive can immediately see the impact of these and other changes on performance.

Planning Model

The *Cognos Upstream Oil and Gas Blueprint* is made up of volume, expense, and revenue forecasting components which feed into a Cash Flow tab, which compiles profit and loss and cash flow data.

Currency Type

Currency Type is the first tab in the model. This tab allows the user to choose a local currency from a drop down list for their field.



Exchange Rates

Exchange rates are shown for informational purposes. These would be pre-populated by the administrator and would be locked from editing by the users.

The screenshot shows the 'Exchange Rates' tab in the software. The window title is 'Upstream Oil and Gas Blueprint | Contributions | Field 1 - Cognos Planning - Contributor'. The 'Exchange Rates' tab is selected, showing a table of exchange rates for US Dollar and Canadian Dollar from January to December, plus a Full Year total. The current owner is 'Administrator'.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Full Year
US Dollar	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Canadian Dollar	0.9569	0.9569	0.9569	0.9569	0.9569	0.9569	0.9569	0.9569	0.9569	0.9569	0.9569	0.9569	0.9569

Volumes – Base BOED Fcst

The Volumes – Base BOED Fcst tab holds Actual base volume data for Actual months and would be populated by the user for forecast months. Base BOED is volume-related to the current infrastructure.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	FY	FY Avg
Base	16,528	16,323	16,121	15,921	15,724	15,529	15,336	15,146	14,958	14,773	14,589	14,409	185,356	15,441

Current owner: Administrator

Volumes – Increm BOED and CAPEX

The Increm BOED and CAPEX tab is used to capture capital expenditures and expected incremental volume related to capital projects. Actuals would be pre-populated and forecast months need to be populated by the field users. A project description can be entered and a project type can be selected from a drop down list of project types.

	Project Description	Project Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
TOTAL	Capex		1,000	1,000	15,500	2,400	2,600	14,500	2,300	2,000	1,000	3,500
	BOED		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
FIELD 1 CARRYOVER	Project 113	WORKOVER	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	BOED		500	500	500	500	500	500	500	500	500	500
FIELD 1 OPTIMIZATION	110	MAINTENANCE	0	0	2,500	0	0	0	0	0	0	2,500
	BOED		0	0	0	0	0	0	0	0	0	0
FIELD 1 SWEETENING UNIT	Project 117	WORKOVER	0	0	0	1,000	1,000	1,000	1,000	1,000	0	0
	BOED		500	500	500	500	500	500	500	500	500	500
FIELD 1 RECOMPLETION	Project 118	RECOMPLETION	0	0	12,000	0	0	12,000	0	0	0	0
	BOED		0	0	0	0	0	0	0	0	0	0
FIELD 1 REACTIVATION	Project 116	FAC	0	0	0	400	600	500	300	0	0	0
	BOED		0	0	0	0	0	0	0	0	0	0
FIELD 1 SEISMIC			0	0	0	0	0	0	0	0	0	0
	BOED		0	0	0	0	0	0	0	0	0	0
FIELD 1 WATER TANK			0	0	0	0	0	0	0	0	0	0
	BOED		0	0	0	0	0	0	0	0	0	0

Current owner: Administrator

Product % Allocation

Since the Base and Incremental Volumes are forecast in total, the Product % Allocation tab is used to allocate those volumes across the various product types. For forecast months, the volume breakout proportions are entered here and the volumes are then allocated according to breakout in the Volumes – Summary tab.

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor													
File Edit View Tools Actions Help													
Volumes - Base BOED Fcst Volumes - Increm BOED and CAPEX Product % Allocation Volumes - Summary Working Interest													
Current Forecast Field 1													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Full Year
Total	1.000	12.000											
Oil	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	3.360
Gas	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	0.560	6.720
NGL Subtotal	0.160	1.920											
Butane	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.360
Condensate	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.240
Ethane	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.240
Pentane	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.360
Propane	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.240
NGL Other	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.480

Volumes – Summary

This tab shows the breakout of Base and Incremental volumes across product types. The data can be viewed by BOED, Imperial Volumes or BOE.

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor															
File Edit View Tools Actions Help															
Volumes - Base BOED Fcst Volumes - Increm BOED and CAPEX Product % Allocation Volumes - Summary Working Interest Opex - Detail Opex - Summary															
Current Forecast Field 1 BOED															
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	FY	FY Avg
Total	Base	16,528	16,323	16,121	15,921	15,724	15,529	15,336	15,146	14,958	14,773	14,589	14,409	185,356	15,441
	Incremental	1,000	1,100	12,200	1,017										
	Consol	17,528	17,323	17,121	16,921	16,724	16,529	16,336	16,146	15,958	15,773	15,689	15,509	197,556	16,458
Oil	Base	5,509	5,441	5,374	5,307	5,241	5,176	4,294	4,241	4,188	4,136	4,085	4,034	57,027	4,747
	Incremental	333	333	333	333	333	333	280	280	280	280	308	308	3,736	311
	Consol	5,843	5,774	5,707	5,640	5,575	5,510	4,574	4,521	4,468	4,416	4,393	4,342	60,763	5,058
Gas	Base	5,509	5,441	5,374	5,307	5,241	5,176	8,588	8,482	8,377	8,273	8,170	8,069	82,006	6,846
	Incremental	333	333	333	333	333	333	560	560	560	560	616	616	5,472	457
	Consol	5,843	5,774	5,707	5,640	5,575	5,510	9,148	9,042	8,937	8,833	8,786	8,685	87,478	7,303
NGL Subtotal	Base	5,509	5,441	5,374	5,307	5,241	5,176	2,454	2,423	2,393	2,364	2,334	2,305	46,322	3,848
	Incremental	333	333	333	333	333	333	160	160	160	160	176	176	2,992	249
	Consol	5,843	5,774	5,707	5,640	5,575	5,510	2,614	2,583	2,553	2,524	2,510	2,481	49,314	4,096
Butane	Base	918	907	896	884	874	863	460	454	449	443	438	432	8,018	666
	Incremental	56	56	56	56	56	56	30	30	30	30	33	33	519	43
	Consol	974	962	951	940	929	918	490	484	479	473	471	465	8,537	709
Condensate	Base	918	907	896	884	874	863	307	303	299	295	292	288	7,126	591
	Incremental	56	56	56	56	56	56	20	20	20	20	22	22	457	38
	Consol	974	962	951	940	929	918	327	323	319	315	314	310	7,583	629
Ethane	Base	918	907	896	884	874	863	307	303	299	295	292	288	7,126	591
	Incremental	56	56	56	56	56	56	20	20	20	20	22	22	457	38
	Consol	974	962	951	940	929	918	327	323	319	315	314	310	7,583	629
Propane	Base	918	907	896	884	874	863	460	454	449	443	438	432	8,018	666
	Incremental	56	56	56	56	56	56	30	30	30	30	33	33	519	43
	Consol	974	962	951	940	929	918	490	484	479	473	471	465	8,537	709
NGL Other	Base	918	907	896	884	874	863	613	606	598	591	584	576	8,910	741
	Incremental	56	56	56	56	56	56	40	40	40	40	44	44	581	48
	Consol	974	962	951	940	929	918	653	646	638	631	628	620	9,491	790

Current owner: Administrator

Working Interest

The Working Interest % is entered on the Working Interest tab. In this *Blueprint* Model, we assumed that net volumes are entered in the volume tabs, but that gross OPEX is entered in the OPEX tabs. In order to calculate the OPEX associated with our example company, we need to multiply the gross OPEX by the working interest % that the company has in each field.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Working Interest %	0.8000	0.8000	0.8000	0.8000	0.8000	0.8000	0.8000	0.8000	0.8000	0.8000	0.8000	0.8000

OPEX – Detail

The OPEX – Detail tab is used to collect forecast OPEX data at the account level by month. The data can either be entered at the Gross OPEX level or as Gross OPEX per BOE.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
OPEX - OPERATED									
5200.100 GATHERING REVENUE	(3,975)	(3,975)	(3,975)	(3,975)	(3,975)	(3,975)	(3,975)	(3,975)	(3,975)
5200.110 COMPRESSION REVENUE	(19,874)	(9,937)	(9,937)	(19,874)	(9,937)	(9,937)	(9,937)	(9,937)	(9,937)
5200.130 OIL TREATING REVENUE	(5,962)	(5,962)	(5,962)	(5,962)	(5,962)	(5,962)	(5,962)	(5,962)	(5,962)
5200.140 OTHER PROC INCOME	(26,376)	(22,358)	(16,932)	(27,187)	(40,399)	(27,986)	(27,986)	(27,986)	(27,986)
PROC INCOME	(56,186)	(42,231)	(36,805)	(56,997)	(60,272)	(47,859)	(47,859)	(47,859)	(47,859)
5500.110 POWER HEDGING REVENUE/LOSS	(13,241)	(35,110)	(28,903)	(46,774)	(9,662)	(28,642)	(28,642)	(28,642)	(28,642)
6200.110 ELECTRICAL WIRES	453,983	410,130	485,109	302,753	600,135	400,305	400,305	400,305	400,305
6200.120 ELECTRICAL POWER	706,968	1,037,880	809,969	731,947	737,721	757,772	757,772	757,772	757,772
6200.130 OTHER POWER	29,331	83,170	142,023	121,639	203,331	75,265	75,265	75,265	75,265
POWER	1,177,040	1,496,071	1,408,198	1,109,566	1,531,524	1,204,700	1,204,700	1,204,700	1,204,700
6840.110 FEES-PROCESSING	11,946	46,912	55,140	25,238	42,583	44,556	44,556	44,556	44,556
6840.120 FEES-EMULSION PROCESSING	39,358	18,273	25,674	25,773	26,987	23,407	23,407	23,876	24,344
6840.130 FEES-GATHERING	28,128	42,508	78,628	61,924	52,770	45,323	45,323	45,323	45,323
6840.140 OTHER PROC FEES	31,809	15,305	13,885	35,006	15,926	27,332	27,332	27,332	27,332
PROC FEES	111,241	122,997	173,327	147,941	138,266	140,618	140,618	141,087	141,555
6870.110 THIRD PARTY PROCESSING FEES	22,921	22,921	22,921	22,921	22,921	22,921	22,921	22,921	22,921
6870.120 OTHER THIRD PARTY FEES	10,341	10,341	47,493	13,537	145,839	127,887	127,887	127,887	127,887
3RD PARTY FEES	10,341	10,341	47,493	13,537	145,839	150,808	150,808	150,808	150,808
6880.110 OVERHEAD - NON OP	57,125	91,779	126,884	48,346	115,440	78,982	78,982	78,982	78,982
6880.120 OTHER NON OP	(3,856)	1,483	13,228	6,635	32,401	59,417	59,417	59,417	59,417
NONOP	96,870	136,863	258,019	104,976	462,439	440,014	440,014	440,014	440,014
6910.110 LEASE RENTALS	9,937	9,937	9,937	9,937	9,937	9,937	9,937	9,937	9,937
6910.120 DAMAGES	17,130	9,839	12,984	14,290	9,772	6,165	6,165	6,165	6,165
6910.130 BUSINESS & PROPERTY TAX	424	0	339	0	0	626	626	626	626
6910.140 INSURANCE	849	1,270	1,320	319	136	3,729	3,729	3,729	3,729
6910.150 OTHER INDIRECT	(24,958)	971	26,289	20,513	17,041	8,745	8,745	9,008	9,270
INDIRECT	3,382	22,016	50,868	45,059	36,887	29,202	29,202	29,464	29,727
TOTAL OPEX - OPERATED	1,342,688	1,746,057	1,901,101	1,364,081	2,254,683	1,917,483	1,917,483	1,918,213	1,918,944

Gross Opex	
BOE	
Gross Opex per BOE	
Avg Wt%	
Net Opex	

Upstream Oil and Gas Blueprint | Contributions | Field 1 - Cognos Planning - Contributor

File Edit View Tools Actions Help

Product % Allocation Volumes - Summary Working Interest **Opex - Detail** Opex - Summary Price Differentials Revenue, Royalties Cash Flow

Current Forecast Field 1 Gross Opex per BOE

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5200.100 GATHERING REVENUE	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
5200.110 COMPRESSION REVENUE	(0.04)	(0.02)	(0.02)	(0.04)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
5200.130 OIL TREATING REVENUE	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
5200.140 OTHER PROC INCOME	(0.05)	(0.05)	(0.03)	(0.05)	(0.08)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)
PROC INCOME	(0.10)	(0.09)	(0.07)	(0.11)	(0.12)	(0.10)	(0.09)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)
5900.110 POWER HEDGING REVENUE/LOSS	(0.02)	(0.07)	(0.05)	(0.09)	(0.02)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)
6200.110 ELECTRICAL WIRES	0.84	0.85	0.91	0.60	1.16	0.81	0.79	0.80	0.84	0.82	0.85	0.83
6200.120 ELECTRICAL POWER	1.30	2.14	1.53	1.44	1.42	1.53	1.50	1.51	1.58	1.55	1.61	1.58
6200.130 OTHER POWER	0.05	0.17	0.27	0.24	0.39	0.15	0.15	0.15	0.16	0.15	0.16	0.16
POWER	2.17	3.08	2.65	2.19	2.95	2.43	2.38	2.41	2.52	2.46	2.56	2.51
6840.110 FEES-PROCESSING	0.02	0.10	0.10	0.05	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09
6840.120 FEES-EMULSION PROCESSING	0.07	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
6840.130 FEES-GATHERING	0.05	0.09	0.15	0.12	0.10	0.09	0.09	0.09	0.09	0.09	0.10	0.09
6840.140 OTHER PROC FEES	0.06	0.03	0.03	0.07	0.03	0.06	0.05	0.05	0.06	0.06	0.06	0.06
PROC FEES	0.20	0.25	0.33	0.29	0.27	0.28	0.28	0.28	0.30	0.29	0.30	0.30
6870.110 THIRD PARTY PROCESSING FEES	0.04	0.05	0.04	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
6870.120 OTHER THIRD PARTY FEES	0.02	0.02	0.09	0.03	0.28	0.26	0.25	0.26	0.27	0.26	0.27	0.27
3RD PARTY FEES	0.02	0.02	0.09	0.03	0.28	0.30	0.30	0.30	0.32	0.31	0.32	0.31
6880.110 OVERHEAD - NON OP	0.11	0.19	0.24	0.10	0.22	0.16	0.16	0.16	0.16	0.16	0.17	0.16
6880.120 OTHER NON OP	(0.01)	0.00	0.02	0.01	0.06	0.12	0.12	0.12	0.12	0.12	0.13	0.12
NONOP	0.18	0.28	0.49	0.21	0.89	0.89	0.87	0.88	0.92	0.90	0.93	0.92
6910.110 LEASE RENTALS	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6910.120 DAMAGES	0.03	0.02	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
6910.130 BUSINESS & PROPERTY TAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6910.140 INSURANCE	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
6910.150 OTHER INDIRECT	(0.05)	0.00	0.05	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
INDIRECT	0.01	0.05	0.10	0.09	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06
TOTAL OPEX - OPERATED	2.47	3.60	3.58	2.69	4.35	3.87	3.79	3.83	4.01	3.93	4.08	4.00
...	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5100.100 WAREHOUSE HANDLING FEES	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)

Current owner: Administrator

OPEX – Summary

The OPEX – Summary tab takes the information entered in the Opex Detail tab and rolls it up to summary account subtotals. Data can still be viewed by Gross OPEX, Gross OPEX per BOE, and Net OPEX.

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor										
File Edit View Tools Actions Help										
Product % Allocation Volumes - Summary Working Interest Opex - Detail OPEX - Summary Price Differentials Revenue, Royalties Cash Flow										
Current Forecast Field 1 Gross Opex										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Volumes - BOED	17,528.26	17,323.31	17,120.90	16,921.00	16,723.58	16,528.61	16,336.05	16,145.88	15,958.08	15,772.60
...										
\$OPEX/BOE	13.44	15.66	14.50	14.02	15.35	15.23	14.83	14.90	15.43	15.11
...										
TOTAL OPEX	7,305,297	7,595,955	7,696,894	7,116,980	7,956,927	7,552,496	7,507,913	7,456,622	7,387,674	7,386,750
...										
OPERATING LABOR	(15,616)	(15,265)	(15,519)	(15,376)	(15,424)	(15,280)	(15,329)	(15,289)	(15,160)	(15,194)
CONSULTING	8,460	8,881	8,784	8,712	8,631	8,563	8,487	8,418	8,355	8,283
INSTRUMENT, ELECTRICAL	229,994	227,036	215,098	223,775	222,656	224,462	219,289	221,891	221,348	217,720
FUEL	237,521	242,554	242,554	247,881	247,848	247,815	253,620	253,598	253,577	271,229
CHEMICALS	647,059	630,202	625,388	615,182	607,264	596,536	589,379	581,275	570,933	565,947
TRUCKING	786,240	786,240	786,240	781,942	784,616	784,542	784,567	779,353	779,268	780,367
COMPRESSOR MAINTENANCE	39,012	39,012	39,012	39,012	39,012	39,012	39,012	39,012	39,012	39,012
GENERAL MAINTENANCE	202,017	199,686	200,583	199,328	199,149	197,894	197,715	197,537	196,282	196,103
EQUIPMENT RENTALS	132,421	132,421	132,421	132,421	132,421	132,421	132,421	132,421	132,421	132,421
TURNAROUNDS	1,431,285	1,402,620	1,392,979	1,378,318	1,362,691	1,341,633	1,333,345	1,317,489	1,297,114	1,305,035
WASTE, SPILLS	4,770	4,770	4,770	4,770	4,770	4,770	4,770	4,770	4,770	4,770
OFFICE, VEHICLES	583,770	567,303	562,591	552,823	545,201	534,925	528,037	520,298	510,349	505,592
ROAD, LEASE	(31,516)	(31,516)	(31,516)	(31,516)	(31,516)	(31,516)	(31,516)	(31,516)	(31,516)	(31,516)
WELL SERV, WORKOVERS	2,196,219	2,140,476	2,114,967	2,092,442	2,067,767	2,036,817	2,010,334	1,989,020	1,966,722	1,938,309
MISCELLANEOUS	(624,290)	(619,783)	(617,821)	(612,078)	(608,104)	(602,843)	(598,963)	(595,129)	(590,006)	(586,263)
TESTING, EHS, REGULATORY	135,262	135,262	135,262	135,262	135,262	135,262	135,262	135,262	135,262	135,262
POWER	1,177,040.01	1,496,070.83	1,408,198.37	1,109,565.71	1,531,524.37	1,204,699.58	1,204,699.58	1,204,699.58	1,204,699.58	1,204,699.58
PROC INCOME	(56,186.10)	(42,230.92)	(36,805.45)	(56,996.94)	(60,272.10)	(47,859.10)	(47,859.10)	(47,859.10)	(47,859.10)	(47,859.10)
PROC FEES	111,241.19	122,997.26	173,326.72	147,941.22	138,265.62	140,618.42	140,618.42	141,086.57	141,554.72	142,022.87
3RD PARTY FEES	10,340.58	10,340.58	47,493.45	13,537.26	145,839.06	150,807.52	150,807.52	150,807.52	150,807.52	150,807.52
NONDP	96,870.40	136,863.23	258,019.44	104,975.60	462,439.20	440,014.19	440,014.19	440,014.19	440,014.19	440,014.19
INDIRECT	3,381.78	22,016.06	50,868.32	45,058.55	36,886.58	29,201.96	29,201.96	29,464.32	29,726.67	29,989.03

Gross Opex
 Gross Opex per BOE
 Net Opex

Price Differentials

The Price Differentials tab allows the user to enter any variations from market prices that are expected for their field for oil and gas products. We assume that no differentials are needed for the other natural gas liquid products and, therefore, hide these rows from input.

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor													
File Edit View Tools Actions Help													
Volumes - Summary Working Interest Opex - Detail Opex - Summary Price Differentials Revenue, Royalties Cash Flow													
Current Forecast Field 1													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Market Price	Oil	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89	74.89
	Gas	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04
	Butane	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	Condensate	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	Ethane	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	Pentane	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	Propane	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	NGL Other	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
Differential	Oil	(0.75)	(0.75)	(0.75)	(0.75)	(0.75)	(0.75)	(0.75)	(0.75)	(0.75)	(0.75)	(0.75)	(0.75)
	Gas	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)
Price	Oil	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14
	Gas	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94
	Butane	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	Condensate	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	Ethane	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	Pentane	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	Propane	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96
	NGL Other	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96

Revenue, Royalties

In the Revenue, Royalties tab, revenue is calculated based on the volumes and prices that were previously entered in other tabs. Royalty revenue can be calculated by entering either total revenue dollars or a Royalty % which is then multiplied by Revenue to calculate Royalty amounts.

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor									
File Edit View Tools Actions Help									
Product % Allocation Volumes - Summary Working Interest Opex - Detail Opex - Summary Price Differentials Revenue, Royalties Cash Flow									
Current Forecast Field 1									
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	rej
Total	Consolidated Imperial Volumes	1,449,003	1,293,474	1,415,328	1,353,680	1,382,483	1,322,289	1,924,387	1,901,985
	Revenue	\$22,103,637	\$22,313,604	\$22,280,605	\$22,428,586	\$22,832,005	\$22,622,263	\$20,778,922	\$20,537,036
	Price	\$13.97	\$13.97	\$13.97	\$13.97	\$13.97	\$13.97	\$10.80	\$10.80
	Royalty \$	426,374	437,653	428,764	439,765	447,635	443,762	623,368	616,111
	Royalty %	0.02	0.02	0.02	0.02	0.02	0.03	0.03	
Oil	Actual/Fcst Flag	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast
	Consolidated Imperial Volumes	181,125	161,684	176,916	169,210	172,810	165,286	141,797	140,146
	Revenue	\$11,446,895	\$11,555,632	\$11,538,543	\$11,615,178	\$11,824,098	\$11,715,478	\$10,512,824	\$10,390,445
	Price	\$74.14	\$74.14	\$74.14	\$74.14	\$74.14	\$74.14	\$74.14	\$74.14
	Royalty \$	220,808	226,649	222,046	227,743	231,818	229,813	315,385	311,713
	Royalty %	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
Gas	Actual/Fcst Flag	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast
	Consolidated Imperial Volumes	1,086,752	970,105	1,061,496	1,015,260	1,036,862	991,716	1,701,563	1,681,755
	Revenue	\$10,492,988	\$10,592,663	\$10,576,997	\$10,647,246	\$10,838,757	\$10,739,188	\$10,107,285	\$9,989,627
	Price	\$5.94	\$5.94	\$5.94	\$5.94	\$5.94	\$5.94	\$5.94	\$5.94
	Royalty \$	202,407	207,762	203,542	208,764	212,500	210,662	303,219	299,689
	Royalty %	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
NGL Subtotal	Consolidated Imperial Volumes	181,125	161,684	176,916	169,210	172,810	165,286	81,027	80,084
	Revenue	\$163,754	\$165,310	\$165,065	\$166,162	\$169,150	\$167,596	\$158,813	\$156,964
	Price	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96
	Royalty \$	3,159	3,242	3,176	3,258	3,316	3,288	4,764	4,709
	Royalty %	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
Butane	Actual/Fcst Flag	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast
	Consolidated Imperial Volumes	30,188	26,947	29,496	28,202	28,802	27,548	15,193	15,016
	Revenue	\$28,617	\$28,889	\$28,846	\$29,038	\$29,560	\$29,289	\$29,777	\$29,431
	Price	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96
	Royalty \$	552	567	555	569	580	575	893	883
	Royalty %	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
Condensate	Actual/Fcst Flag	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast
	Consolidated Imperial Volumes	30,188	26,947	29,496	28,202	28,802	27,548	10,128	10,010
	Revenue	\$28,617	\$28,889	\$28,846	\$29,038	\$29,560	\$29,289	\$19,852	\$19,620
	Price	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96	\$1.96
	Royalty \$	552	567	555	569	580	575	596	589
	Royalty %	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03

Current owner: Administrator

Cash Flow

The Cash Flow tab summarizes all information that was entered in the model into a profit and loss statement and cash flow calculation. This data can be viewed in local currency or US dollars.

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor										
File Edit View Tools Actions Help										
Product % Allocation Volumes - Summary Working Interest Opex - Detail Opex - Summary Price Differentials Revenue, Royalties Cash Flow										
Current Forecast US Dollar Field 1										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
VOLUMES - IMPERIAL										
Oil - bbl	181,125	161,684	176,916	169,210	172,810	165,286	141,797	140,146	134,048	136,9
Gas - mcf	1,086,752	970,105	1,061,496	1,015,260	1,036,862	991,716	1,701,563	1,681,755	1,608,574	1,642.8
Butane - bbl	30,188	26,947	29,486	28,202	28,802	27,548	15,193	15,016	14,362	14.6
Condensate - bbl	30,188	26,947	29,486	28,202	28,802	27,548	10,128	10,010	9,575	9.7
Ethane - bbl	30,188	26,947	29,486	28,202	28,802	27,548	10,128	10,010	9,575	9.7
Natural Gas Liquids - bbl	30,188	26,947	29,486	28,202	28,802	27,548	20,257	20,021	19,150	19.5
Pentane - bbl	30,188	26,947	29,486	28,202	28,802	27,548	15,193	15,016	14,362	14.6
Propane - bbl	30,188	26,947	29,486	28,202	28,802	27,548	10,128	10,010	9,575	9.7
BOED	17,528	17,323	17,121	16,921	16,724	16,529	16,336	16,146	15,958	15.7
BOE Volumes	543,376	485,053	530,748	507,630	518,431	495,858	506,418	500,522	478,742	488.9
PRICES										
Oil Prices	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.
Gas Prices	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.
Butane Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.
Condensate Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.
Ethane Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.
Natural Gas Liquids Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.
Pentane Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.
Propane Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.
REVENUE										
Oil Revenue	11,446,895	11,555,632	11,538,543	11,615,178	11,824,098	11,715,478	10,512,824	10,390,445	9,938,307	10,150.2
Gas Revenue	10,492,988	10,592,663	10,576,997	10,647,246	10,838,757	10,739,188	10,107,285	9,989,627	9,554,930	9,758.6
Butane Revenue	28,617	28,889	28,846	29,038	29,560	29,289	29,777	29,431	28,150	28.7
Condensate Revenue	28,617	28,889	28,846	29,038	29,560	29,289	19,852	19,620	18,767	19.1
Ethane Revenue	19,078	19,259	19,231	19,359	19,707	19,526	19,852	19,620	18,767	19.1
Natural Gas Liquids Revenue	39,746	40,124	40,064	40,330	41,056	40,679	39,703	39,241	37,533	38.3
Pentane Revenue	28,617	28,889	28,846	29,038	29,560	29,289	29,777	29,431	28,150	28.7
Propane Revenue	19,078	19,259	19,231	19,359	19,707	19,526	19,852	19,620	18,767	19.1
TOTAL REVENUE	22,103,637	22,313,604	22,280,605	22,428,586	22,832,005	22,622,263	20,778,922	20,537,036	19,643,370	20,062.2

Current owner: Administrator

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor										
File Edit View Tools Actions Help										
Product % Allocation Volumes - Summary Working Interest Opex - Detail Opex - Summary Price Differentials Revenue, Royalties Cash Flow										
Current Forecast US Dollar Field 1										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
ROYALTIES										
Oil Royalties	220,808	226,649	222,046	227,743	231,818	229,813	315,385	311,713	298,149	304.5
Gas Royalties	202,407	207,762	203,542	208,764	212,500	210,662	303,219	299,689	286,648	292.7
Butane Royalties	552	567	555	569	580	575	893	883	845	8.
Condensate Royalties	552	567	555	569	580	575	596	589	563	5.
Ethane Royalties	368	378	370	380	386	383	596	589	563	5.
Natural Gas Liquids Royalties	767	787	771	791	805	798	1,191	1,177	1,126	1.1
Pentane Royalties	552	567	555	569	580	575	893	883	845	8.
Propane Royalties	368	378	370	380	386	383	596	589	563	5.
TOTAL ROYALTIES	426,374	437,653	428,764	439,765	447,635	443,762	623,368	616,111	589,301	601.8

Current owner: Administrator

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor										
File Edit View Tools Actions Help										
Product % Allocation Volumes - Summary Working Interest Opex - Detail Opex - Summary Price Differentials Revenue, Royalties Cash Flow										
Current Forecast US Dollar Field 1										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
OPEX										
OPERATING LABOR	(12,492)	(12,212)	(12,416)	(12,300)	(12,339)	(12,224)	(12,263)	(12,231)	(12,128)	(12,157)
CONSULTING	6,768	7,104	7,027	6,970	6,905	6,851	6,790	6,734	6,684	6,6
INSTRUMENT, ELECTRICAL	183,995	181,629	172,078	179,020	178,124	179,569	175,431	177,513	177,078	174,1
FUEL	190,017	194,043	194,043	198,305	198,278	198,252	202,896	202,879	202,862	216,9
CHEMICALS	517,647	504,162	500,311	492,146	485,811	477,229	471,503	465,020	456,746	452,7
TRUCKING	628,992	628,992	628,992	625,554	627,693	627,633	627,654	623,483	623,414	624,2
COMPRESSOR MAINTENANCE	31,209	31,209	31,209	31,209	31,209	31,209	31,209	31,209	31,209	31,2
GENERAL MAINTENANCE	161,613	159,749	160,466	159,462	159,319	158,315	158,172	158,029	157,025	156,8
EQUIPMENT RENTALS	105,937	105,937	105,937	105,937	105,937	105,937	105,937	105,937	105,937	105,9
TURNAROUNDS	1,145,028	1,122,096	1,114,383	1,102,654	1,090,152	1,073,306	1,066,676	1,053,991	1,037,691	1,044,0
WASTE, SPILLS	3,816	3,816	3,816	3,816	3,816	3,816	3,816	3,816	3,816	3,8
OFFICE, VEHICLES	467,016	453,842	450,073	442,258	436,161	427,940	422,430	416,238	408,279	404,4
ROAD, LEASE	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,2
WELL SERV, WORKOVERS	1,756,976	1,712,361	1,691,974	1,673,954	1,654,214	1,629,453	1,608,267	1,591,216	1,565,378	1,560,6
MISCELLANEOUS	(499,432)	(495,827)	(494,257)	(489,662)	(486,483)	(482,274)	(479,170)	(476,104)	(472,005)	(469,0
TESTING, EHS, REGULATORY	108,210	108,210	108,210	108,210	108,210	108,210	108,210	108,210	108,210	108,2
POWER	941,632	1,196,857	1,126,559	887,653	1,225,219	963,760	963,760	963,760	963,760	963,7
PROC INCOME	(44,949)	(33,785)	(29,444)	(45,598)	(48,218)	(38,287)	(38,287)	(38,287)	(38,287)	(38,2
PROC FEES	88,993	98,398	138,661	118,353	110,612	112,495	112,495	112,869	113,244	113,6
3RD PARTY FEES	8,272	8,272	37,995	10,830	116,671	120,646	120,646	120,646	120,646	120,6
NONOP	77,496	109,491	206,416	83,980	369,951	352,011	352,011	352,011	352,011	352,0
INDIRECT	2,705	17,613	40,695	36,047	29,509	23,362	23,362	23,571	23,781	23,9
TOTAL OPEX	5,844,238	6,076,764	6,157,515	5,693,584	6,365,542	6,041,997	6,006,330	5,965,298	5,910,139	5,909,41
TOTAL NET INCOME	16,685,773	16,674,493	16,551,855	17,174,767	16,914,099	17,024,028	15,395,959	15,187,849	14,322,532	14,754,61
TOTAL CAPITAL	1,000	1,000	15,500	2,400	2,600	14,500	2,300	2,000	1,000	3,5
TOTAL NET CASHFLOW	16,684,773	16,673,493	16,536,355	17,172,367	16,911,499	17,009,528	15,393,659	15,185,849	14,321,532	14,751,11
OPEX/BOE	\$10.76	\$12.53	\$11.60	\$11.22	\$12.28	\$12.18	\$11.86	\$11.92	\$12.35	\$12.1
Netback/BOE	\$30.71	\$34.38	\$31.19	\$33.83	\$32.63	\$34.33	\$30.40	\$30.34	\$29.92	\$30.1

Current owner: Administrator

US Dollar
Exchange Rate
Local Currency

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor										
File Edit View Tools Actions Help										
Product % Allocation Volumes - Summary Working Interest Opex - Detail Opex - Summary Price Differentials Revenue, Royalties Cash Flow										
Current Forecast Local Currency Field 1										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
VOLUMES - IMPERIAL										
Oil - bbl	181,125	161,684	176,916	169,210	172,810	165,286	141,797	140,146	134,048	136,90
Gas - mcf	1,086,752	970,105	1,061,496	1,015,260	1,036,862	991,716	1,701,563	1,681,755	1,608,574	1,642,87
Butane - bbl	30,188	26,947	29,486	28,202	28,802	27,548	15,193	15,016	14,362	14,66
Condensate - bbl	30,188	26,947	29,486	28,202	28,802	27,548	10,128	10,010	9,575	9,77
Ethane - bbl	30,188	26,947	29,486	28,202	28,802	27,548	10,128	10,010	9,575	9,77
Natural Gas Liquids - bbl	30,188	26,947	29,486	28,202	28,802	27,548	20,257	20,021	19,150	19,55
Pentane - bbl	30,188	26,947	29,486	28,202	28,802	27,548	15,193	15,016	14,362	14,66
Propane - bbl	30,188	26,947	29,486	28,202	28,802	27,548	10,128	10,010	9,575	9,77
BOED	17,528	17,323	17,121	16,921	16,724	16,529	16,336	16,146	15,958	15,77
BOE Volumes	543,376	485,053	530,748	507,630	518,431	495,858	506,418	500,522	478,742	488,95
PRICES										
Oil Prices	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.14	74.1
Gas Prices	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.9
Butane Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.9
Condensate Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.9
Ethane Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.9
Natural Gas Liquids Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.9
Pentane Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.9
Propane Prices	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.9
REVENUE										
Oil Revenue	11,446,895	11,555,632	11,538,543	11,615,178	11,824,098	11,715,478	10,512,824	10,390,445	9,938,307	10,150,22
Gas Revenue	10,492,988	10,592,663	10,576,997	10,647,246	10,838,757	10,739,188	10,107,285	9,989,627	9,554,930	9,758,66
Butane Revenue	28,617	28,889	28,846	29,038	29,560	29,289	29,777	29,431	28,150	28,75
Condensate Revenue	28,617	28,889	28,846	29,038	29,560	29,289	19,852	19,620	18,767	19,16
Ethane Revenue	19,078	19,259	19,231	19,359	19,707	19,526	19,852	19,620	18,767	19,16
Natural Gas Liquids Revenue	39,746	40,124	40,064	40,330	41,056	40,679	39,703	39,241	37,533	38,33
Pentane Revenue	28,617	28,889	28,846	29,038	29,560	29,289	29,777	29,431	28,150	28,75
Propane Revenue	19,078	19,259	19,231	19,359	19,707	19,526	19,852	19,620	18,767	19,16
TOTAL REVENUE	22,103,637	22,313,604	22,280,605	22,428,586	22,832,005	22,622,263	20,778,922	20,537,036	19,643,370	20,062,22

Current owner: Administrator

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor										
File Edit View Tools Actions Help										
Product % Allocation Volumes - Summary Working Interest Opex - Detail Opex - Summary Price Differentials Revenue, Royalties Cash Flow										
Current Forecast Local Currency Field 1										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
ROYALTIES										
Oil Royalties	220,808	226,649	222,046	227,743	231,818	229,813	315,385	311,713	298,149	304,50
Gas Royalties	202,407	207,762	203,542	208,764	212,500	210,662	303,219	299,689	286,648	292,76
Butane Royalties	552	567	555	569	580	575	893	883	845	86
Condensate Royalties	552	567	555	569	580	575	596	589	563	57
Ethane Royalties	368	378	370	380	386	383	596	589	563	57
Natural Gas Liquids Royalties	767	787	771	791	805	798	1,191	1,177	1,126	1,15
Pentane Royalties	552	567	555	569	580	575	893	883	845	86
Propane Royalties	368	378	370	380	386	383	596	589	563	57
TOTAL ROYALTIES	426,374	437,653	428,764	439,765	447,635	443,762	623,368	616,111	589,301	601,86

Current owner: Administrator

Upstream Oil and Gas Blueprint Contributions Field 1 - Cognos Planning - Contributor										
File Edit View Tools Actions Help										
Product % Allocation Volumes - Summary Working Interest Opex - Detail Opex - Summary Price Differentials Revenue, Royalties Cash Flow										
Current Forecast Local Currency Field 1										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
OPEX										
OPERATING LABOR	(12,492)	(12,212)	(12,416)	(12,300)	(12,339)	(12,224)	(12,263)	(12,231)	(12,128)	(12,151)
CONSULTING	6,768	7,104	7,027	6,970	6,905	6,851	6,790	6,734	6,684	6,632
INSTRUMENT, ELECTRICAL	183,995	181,629	172,078	179,020	178,124	179,569	175,431	177,513	177,078	174,17
FUEL	190,017	194,043	194,043	198,305	198,278	198,252	202,896	202,879	202,862	216,98
CHEMICALS	517,647	504,162	500,311	492,146	485,811	477,229	471,503	465,020	456,746	452,75
TRUCKING	628,992	628,992	628,992	625,554	627,693	627,633	627,654	623,483	623,414	624,29
COMPRESSOR MAINTENANCE	31,209	31,209	31,209	31,209	31,209	31,209	31,209	31,209	31,209	31,20
GENERAL MAINTENANCE	161,613	159,749	160,466	159,462	159,319	158,315	158,172	158,029	157,025	156,88
EQUIPMENT RENTALS	105,937	105,937	105,937	105,937	105,937	105,937	105,937	105,937	105,937	105,93
TURNAROUNDS	1,145,028	1,122,096	1,114,383	1,102,654	1,090,152	1,073,306	1,066,676	1,053,991	1,037,691	1,044,02
WASTE, SPILLS	3,816	3,816	3,816	3,816	3,816	3,816	3,816	3,816	3,816	3,81
OFFICE_VEHICLES	467,016	453,842	450,073	442,258	436,161	427,940	422,430	416,238	408,279	404,47
ROAD_LEASE	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,213)	(25,21)
WELL SERV_WORROVERS	1,756,976	1,712,381	1,691,974	1,673,954	1,654,214	1,629,453	1,608,267	1,591,216	1,565,378	1,550,64
MISCELLANEOUS	(499,432)	(495,827)	(494,257)	(489,662)	(486,483)	(482,274)	(479,170)	(476,104)	(472,005)	(469,01)
TESTING_EHS_REGULATORY	108,210	108,210	108,210	108,210	108,210	108,210	108,210	108,210	108,210	108,21
POWER	941,632	1,196,857	1,126,559	887,653	1,225,219	963,760	963,760	963,760	963,760	963,76
PROC INCOME	(44,949)	(33,785)	(29,444)	(45,598)	(48,218)	(38,287)	(38,287)	(38,287)	(38,287)	(38,28)
PROC FEES	88,993	98,398	138,661	118,353	110,612	112,495	112,495	112,869	113,244	113,61
3RD PARTY FEES	8,272	8,272	37,995	10,830	116,671	120,646	120,646	120,646	120,646	120,64
NONOP	77,496	109,491	206,416	83,980	369,951	352,011	352,011	352,011	352,011	352,01
INDIRECT	2,705	17,613	40,695	36,047	29,509	23,362	23,362	23,571	23,781	23,99
TOTAL OPEX	5,844,238	6,076,764	6,157,515	5,693,584	6,365,542	6,041,997	6,006,330	5,965,298	5,910,139	5,909,40
TOTAL NET INCOME	16,685,773	16,674,493	16,551,855	17,174,767	16,914,099	17,024,028	15,395,959	15,187,849	14,322,532	14,754,69
TOTAL CAPITAL	1,000	1,000	15,500	2,400	2,600	14,500	2,300	2,000	1,000	3,50
TOTAL NET CASHFLOW	16,684,773	16,673,493	16,536,355	17,172,367	16,911,499	17,009,528	15,393,659	15,185,849	14,321,532	14,751,15
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Current owner: Administrator

A final word

The *Cognos Upstream Oil and Gas Blueprint* maximizes insight into production, capital expenditures, and financial performance, and allows decision-makers to build and continually fine-tune plans that achieve business goals. The standardized planning format that incorporates local currency maximizes the ease of planning for the both those responsible for submitting their plans and the managers assigned to review these plans. The result is more accurate planning, reduced data collection times, and automated consolidation into a total company view that leads to better decision-making.

Summary

With Cognos, oil and gas enterprises get an integrated, best-practices solution for performance management. As a result, many of the leading players in oil and gas have chosen Cognos, including five of the top seven global oil and gas companies worldwide.

To learn more about the *Cognos Upstream Oil and Gas Blueprint* or other blueprints, please visit <http://www.cognos.com/innovationcenter>.

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The Cognos Innovation Center was established in North America and Europe to advance the understanding of proven planning and performance management techniques, technologies, and practices. The Innovation Center is dedicated to transforming routine performance management practices into “next practices” that help cut costs, streamline processes, boost productivity, enable rapid response to opportunity, and increase management visibility.

Staffed globally by experts in planning, technology, and performance and strategy management, the Innovation Center partners with more than 600 Cognos customers, academics, industry leaders, and others seeking to accelerate adoption, reduce risk, and maximize the impact of technology-enabled performance management practices.

ABOUT COGNOS

Cognos is the world leader in reporting, enterprise planning, and performance management software. Founded in 1969, Cognos today serves more than 23,000 customers in over 135 countries. Cognos enterprise business intelligence solutions and services are also available from more than 3,000 worldwide partners and resellers.



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