FORMULA REPORT

Variable	Variable expression	Object name	Table	Column	Comment
Contract					
AACQ		ra0+sum(ra1,ra2,ra3,ra4,ra5,ra6)-sum(rb1,rb2,rb3)			
_c_id	2				
_a0	getData(CODE=ACQ)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_a1	getData(CODE=RDQ)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_a2	getData(CODE=RUQ)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_a3	getData(CODE=FM)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_a4	getData(CODE=MGQ)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_a5	getData(CODE=UFQ)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_a6	getData(CODE=FQ)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_b1	getData(CODE=RUQX)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_b2	getData(CODE=RDQX)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
_b3	getData(CODE=AQS)		PD_CODE_CONTRACT_ATTRIBUTE	ID	
ra0	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_a0)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
ra1	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_a1)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
ra2	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_a2)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
ra3	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_a3)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
ra4	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_a4)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
ra5	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_a5)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
ra6	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_a6)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
rb1	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_b1)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
rb2	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_b2)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
rb3	getData(CONTRACT_ID=_c_id,ATTRIBUTE_ID=_b3)		PD_CONTRACT_DATA	ATTRIBUTE_VALUE	
MATLAB					
Forecast		forecast			
d_from	2015-05-01				
d_to	2015-05-31				

	Variable	Variable expression		Object name	Table	Column	Comment
MATLAB							
Forecast				forecast			
	data	getData(OCCUR_DATE>=d_from,OCCUR_DATE<=d_to,EU_ID=@OBJECT_ID)			energy_unit_data_value	EU_DATA_GRS_VOL	
	forecast	matlab(pdforecast,1)					
Product Delivery							
Calculate mass tonnes from volume barrel				V_BLMR_ITEM_VALUE*2			
	V_BLMR_ITEM_VALUE	getData(ID=V_BLMR_ID)			SHIP_CARGO_BLMR	ITEM_VALUE	
	V_BLMR_ID	getData(ID=@OBJECT_ID)			SHIP_CARGO_BLMR_DATA	BLMR_ID	
Test Get API				VF			
	VF	getData(SG=36.300,OBS_TEMP=73.100)			API_6A	VOL_FACTOR	
Save Manual Input		SHIP_CARGO_BLMR_DATA	ITEM_VALUE	A			
	A	getData(ID=@OBJECT_ID)			SHIP_CARGO_BLMR_DATA	BLMR_ID	
Workflow							
test				_GOR+_GWR			
	_GOR	getEUTestAlloc(@OBJECT_ID,@OCCUR_DATE,GOR)		CTP Oil Prod (less cond BOE)	FLOW_DATA_VALUE	FL_DATA_GRS_VOL	
	_GWR	getEUTestAlloc(@OBJECT_ID,@OCCUR_DATE,GWR)		CTP OIL Produced	FLOW_DATA_VALUE	FL_DATA_GRS_VOL	
	_GWR1	getEUTestAlloc(@OBJECT_ID,@OCCUR_DATE,GWR)			FLOW_DATA_VALUE	FL_DATA_GRS_VOL	
ZAAFRANE_FLOW							
Water Export		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A-B			
	A	getData(OCCUR_DATE=@OCCUR_DATE,FLOW_ID=@VAR_OBJECT_ID)			FLOW_DAY_VALUE	FL_DATA_GRS_VOL	
	B	getData(OCCUR_DATE=@OCCUR_DATE,FLOW_ID=@VAR_OBJECT_ID)			FLOW_DAY_VALUE	FL_DATA_NET_VOL	
Separator Gas Capacity		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A			
	A	700000					
Flow to Storage Oil Capacity		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A			
	A	1400					
Well Potential OIl		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A			
	A	1400					
Separator Oil Capacity		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A			

Variable	Variable expression				Object name	Table	Column	Comment
ZAAFRANE_FLOW								
Separator Oil Capacity		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A				
A	800							
Well Potential Gas		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A				
A	760000							
Compressor Capacity		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A				
A	800000							
OII Production Planned		FLOW_DATA_VALUE	FL_DATA_GRS_VOL	A+B				
B	getData(OCCUR_DATE=@OCCUR_DATE,EU_ID=@VAR_OBJECT_ID,FLOW_PHASE=1,EVENT_TYPE=1)					ENERGY_UNIT_DATA_PLAN	EU_DATA_GRS_VOL	
A	getData(OCCUR_DATE=@OCCUR_DATE,EU_ID=@VAR_OBJECT_ID,FLOW_PHASE=1,EVENT_TYPE=1)					ENERGY_UNIT_DATA_PLAN	EU_DATA_GRS_VOL	