

## Tables (16)

Name	Type	Schema
<b>In_Zone2</b>		CREATE TABLE In_Zone2 ( UWI TEXT, Grid_Name TEXT, Top_X_Offset REAL, Top_Y_Offset REAL, Top_Depth REAL, Top_TVD REAL, Base_X_Offset REAL, Base_Y_Offset REAL, Base_Depth REAL, Base_TVD REAL, Angle_Top REAL, Angle_Base REAL )
UWI	TEXT	"UWI" TEXT
Grid_Name	TEXT	"Grid_Name" TEXT
Top_X_Offset	REAL	"Top_X_Offset" REAL
Top_Y_Offset	REAL	"Top_Y_Offset" REAL
Top_Depth	REAL	"Top_Depth" REAL
Top_TVD	REAL	"Top_TVD" REAL
Base_X_Offset	REAL	"Base_X_Offset" REAL
Base_Y_Offset	REAL	"Base_Y_Offset" REAL
Base_Depth	REAL	"Base_Depth" REAL
Base_TVD	REAL	"Base_TVD" REAL
Angle_Top	REAL	"Angle_Top" REAL
Angle_Base	REAL	"Angle_Base" REAL
<b>In_Zone2_Percentages</b>		CREATE TABLE In_Zone2_Percentages ( UWI TEXT, Zone_Name TEXT, Zone_Type TEXT, Total_Lateral_Length REAL, Top_X_Offset REAL, Top_Y_Offset REAL, Base_X_Offset REAL, Base_Y_Offset REAL, YESO___500 REAL, YESO___400 REAL, YESO___300 REAL, YESO___200 REAL, YESO___700 REAL, YESO___100 REAL, YESO REAL, Above_All REAL )
UWI	TEXT	"UWI" TEXT
Zone_Name	TEXT	"Zone_Name" TEXT
Zone_Type	TEXT	"Zone_Type" TEXT
Total_Lateral_Length	REAL	"Total_Lateral_Length" REAL
Top_X_Offset	REAL	"Top_X_Offset" REAL
Top_Y_Offset	REAL	"Top_Y_Offset" REAL
Base_X_Offset	REAL	"Base_X_Offset" REAL
Base_Y_Offset	REAL	"Base_Y_Offset" REAL
YESO___500	REAL	"YESO___500" REAL
YESO___400	REAL	"YESO___400" REAL
YESO___300	REAL	"YESO___300" REAL
YESO___200	REAL	"YESO___200" REAL
YESO___700	REAL	"YESO___700" REAL
YESO___100	REAL	"YESO___100" REAL
YESO	REAL	"YESO" REAL
Above_All	REAL	"Above_All" REAL
<b>Production</b>		CREATE TABLE Production ( UWI TEXT, Vintage REAL, PerfInterval_FT INTEGER, FracStages REAL, AverageStageSpacing_FT REAL, TotalFluidPumped_BBL REAL, FluidIntensity_BBLPerFT REAL, Proppant_LBS REAL, ProppantIntensity_LBSPerFT REAL, First3MonthProd_BOEPer1000FT REAL, First3MonthGas_MCFPer1000FT REAL, First3MonthProd_MCFPer1000FT REAL, First3MonthOil_BBLPer1000FT REAL, First6MonthProd_BOEPer1000FT REAL, First6MonthGas_MCFPer1000FT REAL, First6MonthProd_MCFPer1000FT REAL, First6MonthOil_BBLPer1000FT REAL, First9MonthProd_BOEPer1000FT REAL,

Name	Type	Schema
		First9MonthGas_MCFPer1000FT REAL, First9MonthProd_MCFPer1000FT REAL, First9MonthOil_BBLPer1000FT REAL, First12MonthProd_BOEPer1000FT REAL, First12MonthGas_MCFPer1000FT REAL, First12MonthProd_MCFPer1000FT REAL, First12MonthOil_BBLPer1000FT REAL, First12MonthWater_BBL REAL, Zone_Name TEXT, Zone_Type TEXT, Top_X_Offset REAL, Top_Y_Offset REAL, Base_X_Offset REAL, Base_Y_Offset REAL )
UWI	TEXT	"UWI" TEXT
Vintage	REAL	"Vintage" REAL
PerfInterval_FT	INTEGER	"PerfInterval_FT" INTEGER
FracStages	REAL	"FracStages" REAL
AverageStageSpacing_FT	REAL	"AverageStageSpacing_FT" REAL
TotalFluidPumped_BBL	REAL	"TotalFluidPumped_BBL" REAL
FluidIntensity_BBLPerFT	REAL	"FluidIntensity_BBLPerFT" REAL
Proppant_LBS	REAL	"Proppant_LBS" REAL
ProppantIntensity_LBSPerFT	REAL	"ProppantIntensity_LBSPerFT" REAL
First3MonthProd_BOEPer1000FT	REAL	"First3MonthProd_BOEPer1000FT" REAL
First3MonthGas_MCFPer1000FT	REAL	"First3MonthGas_MCFPer1000FT" REAL
First3MonthProd_MCFPer1000FT	REAL	"First3MonthProd_MCFPer1000FT" REAL
First3MonthOil_BBLPer1000FT	REAL	"First3MonthOil_BBLPer1000FT" REAL
First6MonthProd_BOEPer1000FT	REAL	"First6MonthProd_BOEPer1000FT" REAL
First6MonthGas_MCFPer1000FT	REAL	"First6MonthGas_MCFPer1000FT" REAL
First6MonthProd_MCFPer1000FT	REAL	"First6MonthProd_MCFPer1000FT" REAL
First6MonthOil_BBLPer1000FT	REAL	"First6MonthOil_BBLPer1000FT" REAL
First9MonthProd_BOEPer1000FT	REAL	"First9MonthProd_BOEPer1000FT" REAL
First9MonthGas_MCFPer1000FT	REAL	"First9MonthGas_MCFPer1000FT" REAL
First9MonthProd_MCFPer1000FT	REAL	"First9MonthProd_MCFPer1000FT" REAL
First9MonthOil_BBLPer1000FT	REAL	"First9MonthOil_BBLPer1000FT" REAL
First12MonthProd_BOEPer1000FT	REAL	"First12MonthProd_BOEPer1000FT" REAL
First12MonthGas_MCFPer1000FT	REAL	"First12MonthGas_MCFPer1000FT" REAL
First12MonthProd_MCFPer1000FT	REAL	"First12MonthProd_MCFPer1000FT" REAL
First12MonthOil_BBLPer1000FT	REAL	"First12MonthOil_BBLPer1000FT" REAL
First12MonthWater_BBL	REAL	"First12MonthWater_BBL" REAL
Zone_Name	TEXT	"Zone_Name" TEXT
Zone_Type	TEXT	"Zone_Type" TEXT
Top_X_Offset	REAL	"Top_X_Offset" REAL
Top_Y_Offset	REAL	"Top_Y_Offset" REAL
Base_X_Offset	REAL	"Base_X_Offset" REAL
Base_Y_Offset	REAL	"Base_Y_Offset" REAL
<b>SW_Well</b>		CREATE TABLE SW_Well ( UWI TEXT, Dip_Az REAL, Dip_Crv REAL, Dip_Mag REAL, Guas_Crv REAL, MIG REAL, Max_Crv REAL, Mean_Crv REAL, Median REAL, Min_Curv REAL, Most_Neg REAL, Mos_Pos REAL, Dip_Sem REAL, Sem REAL, Shape_Inx REAL, Strike REAL, Triagulation REAL, Trace_mix REAL, Zone_Name TEXT, Zone_Type TEXT, Top_X_Offset REAL, Top_Y_Offset REAL, Base_X_Offset REAL, Base_Y_Offset REAL )
UWI	TEXT	"UWI" TEXT
Dip_Az	REAL	"Dip_Az" REAL

Name	Type	Schema
Dip_Crv	REAL	"Dip_Crv" REAL
Dip_Mag	REAL	"Dip_Mag" REAL
Guas_Crv	REAL	"Guas_Crv" REAL
MIG	REAL	"MIG" REAL
Max_Crv	REAL	"Max_Crv" REAL
Mean_Crv	REAL	"Mean_Crv" REAL
Median	REAL	"Median" REAL
Min_Curv	REAL	"Min_Curv" REAL
Most_Neg	REAL	"Most_Neg" REAL
Mos_Pos	REAL	"Mos_Pos" REAL
Dip_Sem	REAL	"Dip_Sem" REAL
Sem	REAL	"Sem" REAL
Shape_Inx	REAL	"Shape_Inx" REAL
Strike	REAL	"Strike" REAL
Triangulation	REAL	"Triangulation" REAL
Trace_mix	REAL	"Trace_mix" REAL
Zone_Name	TEXT	"Zone_Name" TEXT
Zone_Type	TEXT	"Zone_Type" TEXT
Top_X_Offset	REAL	"Top_X_Offset" REAL
Top_Y_Offset	REAL	"Top_Y_Offset" REAL
Base_X_Offset	REAL	"Base_X_Offset" REAL
Base_Y_Offset	REAL	"Base_Y_Offset" REAL
<b>SW_Zone</b>		CREATE TABLE SW_Zone ( UWI TEXT, Top_Depth REAL, Base_Depth REAL, Dip_Azimuth REAL, Dip_Curvature REAL, Dip_Magnitude REAL, Gaussian_Curvature REAL, MIG REAL, Maximum_Curvature REAL, Mean_Curvature REAL, Median REAL, Minimum_Curvature REAL, Most_Negative_Curvature REAL, Most_Positive_Curvature REAL, Semblance___Dip_Steered REAL, Semblance REAL, Shape_Index REAL, Strike_Curvature REAL, Trace_Mix_Triangulation REAL, Trace_Mix REAL, Zone_Name TEXT, Zone_Type TEXT, Angle_Top TEXT, Angle_Base TEXT, Top_X_Offset REAL, Top_Y_Offset REAL, Base_X_Offset REAL, Base_Y_Offset REAL )
UWI	TEXT	"UWI" TEXT
Top_Depth	REAL	"Top_Depth" REAL
Base_Depth	REAL	"Base_Depth" REAL
Dip_Azimuth	REAL	"Dip_Azimuth" REAL
Dip_Curvature	REAL	"Dip_Curvature" REAL
Dip_Magnitude	REAL	"Dip_Magnitude" REAL
Gaussian_Curvature	REAL	"Gaussian_Curvature" REAL
MIG	REAL	"MIG" REAL
Maximum_Curvature	REAL	"Maximum_Curvature" REAL
Mean_Curvature	REAL	"Mean_Curvature" REAL
Median	REAL	"Median" REAL
Minimum_Curvature	REAL	"Minimum_Curvature" REAL
Most_Negative_Curvature	REAL	"Most_Negative_Curvature" REAL
Most_Positive_Curvature	REAL	"Most_Positive_Curvature" REAL
Semblance___Dip_Steered	REAL	"Semblance___Dip_Steered" REAL
Semblance	REAL	"Semblance" REAL
Shape_Index	REAL	"Shape_Index" REAL

Name	Type	Schema
Strike_Curvature	REAL	"Strike_Curvature" REAL
Trace_Mix_Triangulation	REAL	"Trace_Mix_Triangulation" REAL
Trace_Mix	REAL	"Trace_Mix" REAL
Zone_Name	TEXT	"Zone_Name" TEXT
Zone_Type	TEXT	"Zone_Type" TEXT
Angle_Top	TEXT	"Angle_Top" TEXT
Angle_Base	TEXT	"Angle_Base" TEXT
Top_X_Offset	REAL	"Top_X_Offset" REAL
Top_Y_Offset	REAL	"Top_Y_Offset" REAL
Base_X_Offset	REAL	"Base_X_Offset" REAL
Base_Y_Offset	REAL	"Base_Y_Offset" REAL
<b>Stage_Information</b>		CREATE TABLE Stage_Information ( UWI TEXT, Top_Depth REAL, Base_Depth REAL, Opening_WH_Pressure_MPa REAL, Close_WH_Pressure_MPa REAL, Breakdown_Pressure_Mpa REAL, Min__Pressutr_MPa REAL, Max__Pressure_MPa REAL, CRV_Max REAL, Avg__Pressure_MPa REAL, ISIP_MPa REAL, Min__Fluid_m3_min REAL, Max__Fluid_m3_min REAL, Avg__Fluid_m3_min REAL, Pad_Volume_m3 REAL, Flush_Volume_m3 REAL, Pump_Down_m3 REAL, Clean__Volume_m3 REAL, Slurry_Volume_m3 REAL, Produced_Volume_m3_ INTEGER, Acid_Volume_m3 INTEGER, Total_Proppant_Pumped_T REAL, Total_Proppant_In_Formation_T REAL, Max_Conc__Pumped_Kg_m3 INTEGER, Frac_Gradient_Mpa REAL, t__Perf_Clusters INTEGER, Rate_per_Cluster_m3_min_per_Cluster REAL, Zone_Name TEXT, Zone_Type TEXT, Angle_Top TEXT, Angle_Base TEXT, Top_X_Offset REAL, Top_Y_Offset REAL, Base_X_Offset REAL, Base_Y_Offset REAL )
UWI	TEXT	"UWI" TEXT
Top_Depth	REAL	"Top_Depth" REAL
Base_Depth	REAL	"Base_Depth" REAL
Opening_WH_Pressure_MPa	REAL	"Opening_WH_Pressure_MPa" REAL
Close_WH_Pressure_MPa	REAL	"Close_WH_Pressure_MPa" REAL
Breakdown_Pressure_Mpa	REAL	"Breakdown_Pressure_Mpa" REAL
Min__Pressutr_MPa	REAL	"Min__Pressutr_MPa" REAL
Max__Pressure_MPa	REAL	"Max__Pressure_MPa" REAL
CRV_Max	REAL	"CRV_Max" REAL
Avg__Pressure_MPa	REAL	"Avg__Pressure_MPa" REAL
ISIP_MPa	REAL	"ISIP_MPa" REAL
Min__Fluid_m3_min	REAL	"Min__Fluid_m3_min" REAL
Max__Fluid_m3_min	REAL	"Max__Fluid_m3_min" REAL
Avg__Fluid_m3_min	REAL	"Avg__Fluid_m3_min" REAL
Pad_Volume_m3	REAL	"Pad_Volume_m3" REAL
Flush_Volume_m3	REAL	"Flush_Volume_m3" REAL
Pump_Down_m3	REAL	"Pump_Down_m3" REAL
Clean__Volume_m3	REAL	"Clean__Volume_m3" REAL
Slurry_Volume_m3	REAL	"Slurry_Volume_m3" REAL
Produced_Volume_m3_	INTEGER	"Produced_Volume_m3_" INTEGER
Acid_Volume_m3	INTEGER	"Acid_Volume_m3" INTEGER
Total_Proppant_Pumped_T	REAL	"Total_Proppant_Pumped_T" REAL
Total_Proppant_In_Formation_T	REAL	"Total_Proppant_In_Formation_T" REAL
Max_Conc__Pumped_Kg_m3	INTEGER	"Max_Conc__Pumped_Kg_m3" INTEGER

Name	Type	Schema
Frac_Gradient_Mpa	REAL	"Frac_Gradient_Mpa" REAL
t__Perf_Clusters	INTEGER	"t__Perf_Clusters" INTEGER
Rate_per_Cluster_m3_min_per_Cluster	REAL	"Rate_per_Cluster_m3_min_per_Cluster" REAL
Zone_Name	TEXT	"Zone_Name" TEXT
Zone_Type	TEXT	"Zone_Type" TEXT
Angle_Top	TEXT	"Angle_Top" TEXT
Angle_Base	TEXT	"Angle_Base" TEXT
Top_X_Offset	REAL	"Top_X_Offset" REAL
Top_Y_Offset	REAL	"Top_Y_Offset" REAL
Base_X_Offset	REAL	"Base_X_Offset" REAL
Base_Y_Offset	REAL	"Base_Y_Offset" REAL
<b>UWIs</b>		CREATE TABLE UWIs ( UWI TEXT PRIMARY KEY, status TEXT DEFAULT 'Active', surface_x REAL DEFAULT NULL, surface_y REAL DEFAULT NULL, lateral REAL DEFAULT NULL, heel_x REAL DEFAULT NULL, heel_y REAL DEFAULT NULL, toe_x REAL DEFAULT NULL, toe_y REAL DEFAULT NULL, heel_md REAL DEFAULT NULL, toe_md REAL DEFAULT NULL, average_tvd REAL DEFAULT NULL, total_length REAL DEFAULT NULL, spud_date TEXT DEFAULT NULL )
UWI	TEXT	"UWI" TEXT
status	TEXT	"status" TEXT DEFAULT 'Active'
surface_x	REAL	"surface_x" REAL DEFAULT NULL
surface_y	REAL	"surface_y" REAL DEFAULT NULL
lateral	REAL	"lateral" REAL DEFAULT NULL
heel_x	REAL	"heel_x" REAL DEFAULT NULL
heel_y	REAL	"heel_y" REAL DEFAULT NULL
toe_x	REAL	"toe_x" REAL DEFAULT NULL
toe_y	REAL	"toe_y" REAL DEFAULT NULL
heel_md	REAL	"heel_md" REAL DEFAULT NULL
toe_md	REAL	"toe_md" REAL DEFAULT NULL
average_tvd	REAL	"average_tvd" REAL DEFAULT NULL
total_length	REAL	"total_length" REAL DEFAULT NULL
spud_date	TEXT	"spud_date" TEXT DEFAULT NULL
<b>Zones</b>		CREATE TABLE Zones ( ZoneName TEXT PRIMARY KEY, Type TEXT NOT NULL, TableName TEXT NOT NULL, -- Add this column UNIQUE(TableName) -- Ensure table names are unique )
ZoneName	TEXT	"ZoneName" TEXT
Type	TEXT	"Type" TEXT NOT NULL
TableName	TEXT	"TableName" TEXT NOT NULL
<b>directional_surveys</b>		CREATE TABLE directional_surveys ( id INTEGER PRIMARY KEY AUTOINCREMENT, UWI TEXT NOT NULL, md REAL NOT NULL, -- Measured Depth tvd REAL NOT NULL, -- True Vertical Depth "X Offset" REAL NOT NULL, "Y Offset" REAL NOT NULL, "Cumulative Distance" REAL NOT NULL, FOREIGN KEY (UWI) REFERENCES UWIs(UWI) )
id	INTEGER	"id" INTEGER
UWI	TEXT	"UWI" TEXT NOT NULL
md	REAL	"md" REAL NOT NULL
tvd	REAL	"tvd" REAL NOT NULL
X Offset	REAL	"X Offset" REAL NOT NULL
Y Offset	REAL	"Y Offset" REAL NOT NULL

Name	Type	Schema
Cumulative Distance	REAL	"Cumulative Distance" REAL NOT NULL
<b>model_properties</b>		<pre> CREATE TABLE model_properties (   scenario_id INTEGER NOT NULL,   UWI TEXT NOT NULL,   max_oil_production REAL DEFAULT 0,   max_gas_production REAL DEFAULT 0,   max_oil_production_date TEXT DEFAULT '0000-00-00',   max_gas_production_date TEXT DEFAULT '0000-00-00',   one_year_oil_production REAL DEFAULT 0,   one_year_gas_production REAL DEFAULT 0,   di_oil REAL DEFAULT 0,   di_gas REAL DEFAULT 0,   oil_b_factor REAL DEFAULT 0,   gas_b_factor REAL DEFAULT 0,   min_dec_oil REAL DEFAULT 0,   min_dec_gas REAL DEFAULT 0,   model_oil TEXT DEFAULT '',   model_gas TEXT DEFAULT '',   economic_limit_type TEXT DEFAULT '',   economic_limit_date TEXT DEFAULT '0000-00-00',   oil_price REAL DEFAULT 0,   gas_price REAL DEFAULT 0,   oil_price_dif REAL DEFAULT 0,   gas_price_dif REAL DEFAULT 0,   discount_rate REAL DEFAULT 0,   working_interest REAL DEFAULT 0,   royalty REAL DEFAULT 0,   tax_rate REAL DEFAULT 0,   capital_expenditures REAL DEFAULT 0,   operating_expenditures REAL DEFAULT 0,   net_price_oil REAL DEFAULT 0,   net_price_gas REAL DEFAULT 0,   gas_model_status TEXT DEFAULT '',   oil_model_status TEXT DEFAULT '',   q_oil_eur REAL DEFAULT 0,   q_gas_eur REAL DEFAULT 0,   q_oil_eur_normalized REAL DEFAULT 0,   q_gas_eur_normalized REAL DEFAULT 0,   EFR_oil REAL DEFAULT 0,   EFR_gas REAL DEFAULT 0,   EUR_oil_remaining REAL DEFAULT 0,   EUR_gas_remaining REAL DEFAULT 0,   npv REAL DEFAULT 0,   npv_discounted REAL DEFAULT 0,   payback_months REAL DEFAULT 0,   parent_wells REAL DEFAULT 0,   PRIMARY KEY (scenario_id, UWI) ); </pre>
scenario_id	INTEGER	"scenario_id" INTEGER NOT NULL
UWI	TEXT	"UWI" TEXT NOT NULL
max_oil_production	REAL	"max_oil_production" REAL DEFAULT 0
max_gas_production	REAL	"max_gas_production" REAL DEFAULT 0
max_oil_production_date	TEXT	"max_oil_production_date" TEXT DEFAULT '0000-00-00'
max_gas_production_date	TEXT	"max_gas_production_date" TEXT DEFAULT '0000-00-00'
one_year_oil_production	REAL	"one_year_oil_production" REAL DEFAULT 0
one_year_gas_production	REAL	"one_year_gas_production" REAL DEFAULT 0
di_oil	REAL	"di_oil" REAL DEFAULT 0
di_gas	REAL	"di_gas" REAL DEFAULT 0
oil_b_factor	REAL	"oil_b_factor" REAL DEFAULT 0
gas_b_factor	REAL	"gas_b_factor" REAL DEFAULT 0
min_dec_oil	REAL	"min_dec_oil" REAL DEFAULT 0
min_dec_gas	REAL	"min_dec_gas" REAL DEFAULT 0
model_oil	TEXT	"model_oil" TEXT DEFAULT ''
model_gas	TEXT	"model_gas" TEXT DEFAULT ''
economic_limit_type	TEXT	"economic_limit_type" TEXT DEFAULT ''
economic_limit_date	TEXT	"economic_limit_date" TEXT DEFAULT '0000-00-00'
oil_price	REAL	"oil_price" REAL DEFAULT 0
gas_price	REAL	"gas_price" REAL DEFAULT 0
oil_price_dif	REAL	"oil_price_dif" REAL DEFAULT 0
gas_price_dif	REAL	"gas_price_dif" REAL DEFAULT 0
discount_rate	REAL	"discount_rate" REAL DEFAULT 0
working_interest	REAL	"working_interest" REAL DEFAULT 0
royalty	REAL	"royalty" REAL DEFAULT 0

Name	Type	Schema
tax_rate	REAL	"tax_rate" REAL DEFAULT 0
capital_expenditures	REAL	"capital_expenditures" REAL DEFAULT 0
operating_expenditures	REAL	"operating_expenditures" REAL DEFAULT 0
net_price_oil	REAL	"net_price_oil" REAL DEFAULT 0
net_price_gas	REAL	"net_price_gas" REAL DEFAULT 0
gas_model_status	TEXT	"gas_model_status" TEXT DEFAULT "
oil_model_status	TEXT	"oil_model_status" TEXT DEFAULT "
q_oil_eur	REAL	"q_oil_eur" REAL DEFAULT 0
q_gas_eur	REAL	"q_gas_eur" REAL DEFAULT 0
q_oil_eur_normalized	REAL	"q_oil_eur_normalized" REAL DEFAULT 0
q_gas_eur_normalized	REAL	"q_gas_eur_normalized" REAL DEFAULT 0
EFR_oil	REAL	"EFR_oil" REAL DEFAULT 0
EFR_gas	REAL	"EFR_gas" REAL DEFAULT 0
EUR_oil_remaining	REAL	"EUR_oil_remaining" REAL DEFAULT 0
EUR_gas_remaining	REAL	"EUR_gas_remaining" REAL DEFAULT 0
npv	REAL	"npv" REAL DEFAULT 0
npv_discounted	REAL	"npv_discounted" REAL DEFAULT 0
payback_months	REAL	"payback_months" REAL DEFAULT 0
parent_wells	REAL	"parent_wells" REAL DEFAULT 0
<b>prod_rates_all</b>		CREATE TABLE "prod_rates_all" ( "UWI" TEXT, "date" TEXT, "gas_volume" REAL, "q_gas" REAL, "error_gas" REAL, "oil_volume" REAL, "q_oil" REAL, "error_oil" REAL, "cumulative_oil_volume" REAL, "cumulative_gas_volume" REAL, "oil_revenue" REAL, "gas_revenue" REAL, "total_revenue" REAL, "discounted_revenue" REAL, "scenario_id" INTEGER )
UWI	TEXT	"UWI" TEXT
date	TEXT	"date" TEXT
gas_volume	REAL	"gas_volume" REAL
q_gas	REAL	"q_gas" REAL
error_gas	REAL	"error_gas" REAL
oil_volume	REAL	"oil_volume" REAL
q_oil	REAL	"q_oil" REAL
error_oil	REAL	"error_oil" REAL
cumulative_oil_volume	REAL	"cumulative_oil_volume" REAL
cumulative_gas_volume	REAL	"cumulative_gas_volume" REAL
oil_revenue	REAL	"oil_revenue" REAL
gas_revenue	REAL	"gas_revenue" REAL
total_revenue	REAL	"total_revenue" REAL
discounted_revenue	REAL	"discounted_revenue" REAL
scenario_id	INTEGER	"scenario_id" INTEGER
<b>saved_dca</b>		CREATE TABLE saved_dca ( id INTEGER PRIMARY KEY, curve_name TEXT NOT NULL, UWI TEXT, max_oil_production REAL NULL, max_gas_production REAL NULL, max_oil_production_date TEXT DEFAULT NULL, max_gas_production_date TEXT DEFAULT NULL, one_year_oil_production REAL NULL, one_year_gas_production REAL NULL, di_oil REAL NULL, di_gas REAL NULL, gas_b_factor REAL DEFAULT NULL, min_dec_gas REAL DEFAULT NULL, oil_b_factor REAL DEFAULT NULL, min_dec_oil REAL DEFAULT NULL, model_oil TEXT DEFAULT NULL, model_gas TEXT DEFAULT NULL, economic_limit_type TEXT DEFAULT 'Net Dollars',

Name	Type	Schema
		economic_limit_date TEXT DEFAULT NULL, oil_price REAL DEFAULT NULL, gas_price REAL DEFAULT NULL, oil_price_dif REAL DEFAULT NULL, gas_price_dif REAL DEFAULT NULL, discount_rate REAL DEFAULT NULL, working_interest REAL DEFAULT NULL, royalty REAL DEFAULT NULL, tax_rate REAL DEFAULT NULL, capital_expenditures REAL DEFAULT NULL, operating_expenditures REAL DEFAULT NULL, net_price_oil REAL DEFAULT NULL, net_price_gas REAL DEFAULT NULL )
id	INTEGER	"id" INTEGER
curve_name	TEXT	"curve_name" TEXT NOT NULL
UWI	TEXT	"UWI" TEXT
max_oil_production	REAL	"max_oil_production" REAL
max_gas_production	REAL	"max_gas_production" REAL
max_oil_production_date	TEXT	"max_oil_production_date" TEXT DEFAULT NULL
max_gas_production_date	TEXT	"max_gas_production_date" TEXT DEFAULT NULL
one_year_oil_production	REAL	"one_year_oil_production" REAL
one_year_gas_production	REAL	"one_year_gas_production" REAL
di_oil	REAL	"di_oil" REAL
di_gas	REAL	"di_gas" REAL
gas_b_factor	REAL	"gas_b_factor" REAL DEFAULT NULL
min_dec_gas	REAL	"min_dec_gas" REAL DEFAULT NULL
oil_b_factor	REAL	"oil_b_factor" REAL DEFAULT NULL
min_dec_oil	REAL	"min_dec_oil" REAL DEFAULT NULL
model_oil	TEXT	"model_oil" TEXT DEFAULT NULL
model_gas	TEXT	"model_gas" TEXT DEFAULT NULL
economic_limit_type	TEXT	"economic_limit_type" TEXT DEFAULT 'Net Dollars'
economic_limit_date	TEXT	"economic_limit_date" TEXT DEFAULT NULL
oil_price	REAL	"oil_price" REAL DEFAULT NULL
gas_price	REAL	"gas_price" REAL DEFAULT NULL
oil_price_dif	REAL	"oil_price_dif" REAL DEFAULT NULL
gas_price_dif	REAL	"gas_price_dif" REAL DEFAULT NULL
discount_rate	REAL	"discount_rate" REAL DEFAULT NULL
working_interest	REAL	"working_interest" REAL DEFAULT NULL
royalty	REAL	"royalty" REAL DEFAULT NULL
tax_rate	REAL	"tax_rate" REAL DEFAULT NULL
capital_expenditures	REAL	"capital_expenditures" REAL DEFAULT NULL
operating_expenditures	REAL	"operating_expenditures" REAL DEFAULT NULL
net_price_oil	REAL	"net_price_oil" REAL DEFAULT NULL
net_price_gas	REAL	"net_price_gas" REAL DEFAULT NULL
<b>scenario_names</b>		CREATE TABLE scenario_names ( scenario_id INTEGER PRIMARY KEY AUTOINCREMENT, scenario_name VARCHAR(255) NOT NULL UNIQUE, active BOOLEAN NOT NULL DEFAULT 0 )
scenario_id	INTEGER	"scenario_id" INTEGER
scenario_name	VARCHAR(255)	"scenario_name" VARCHAR(255) NOT NULL UNIQUE
active	BOOLEAN	"active" BOOLEAN NOT NULL DEFAULT 0
<b>sqlite_sequence</b>		CREATE TABLE sqlite_sequence(name,seq)
name		"name"
seq		"seq"
<b>sum_of_errors</b>		CREATE TABLE sum_of_errors ( scenario_id INTEGER NOT NULL, UWI TEXT NOT NULL, sum_error_oil REAL DEFAULT



Name	Type	Schema
		NULL, sum_error_gas REAL DEFAULT NULL, PRIMARY KEY (scenario_id, UWI) )
scenario_id	INTEGER	"scenario_id" INTEGER NOT NULL
UWI	TEXT	"UWI" TEXT NOT NULL
sum_error_oil	REAL	"sum_error_oil" REAL DEFAULT NULL
sum_error_gas	REAL	"sum_error_gas" REAL DEFAULT NULL
<b>well_pads</b>		CREATE TABLE well_pads ( id INTEGER PRIMARY KEY AUTOINCREMENT, pad_name VARCHAR(255) UNIQUE, UWI VARCHAR(255), scenario_id INTEGER, start_date DATE, decline_curve_type VARCHAR(255), decline_curve VARCHAR(255), total_depth DECIMAL(10, 2), total_capex_cost DECIMAL(15, 2), total_opex_cost DECIMAL(15, 2), drill_time INTEGER, prod_type VARCHAR(50), oil_model_status INTEGER, gas_model_status INTEGER, pad_cost DECIMAL(15, 2), exploration_cost DECIMAL(15, 2), cost_per_foot DECIMAL(10, 2), distance_to_pipe DECIMAL(10, 2), cost_per_foot_to_pipe DECIMAL(10, 2), FOREIGN KEY (UWI) REFERENCES UWIs (UWI), FOREIGN KEY (scenario_id) REFERENCES scenario_names (id) )
id	INTEGER	"id" INTEGER
pad_name	VARCHAR(255)	"pad_name" VARCHAR(255) UNIQUE
UWI	VARCHAR(255)	"UWI" VARCHAR(255)
scenario_id	INTEGER	"scenario_id" INTEGER
start_date	DATE	"start_date" DATE
decline_curve_type	VARCHAR(255)	"decline_curve_type" VARCHAR(255)
decline_curve	VARCHAR(255)	"decline_curve" VARCHAR(255)
total_depth	DECIMAL(10, 2)	"total_depth" DECIMAL(10, 2)
total_capex_cost	DECIMAL(15, 2)	"total_capex_cost" DECIMAL(15, 2)
total_opex_cost	DECIMAL(15, 2)	"total_opex_cost" DECIMAL(15, 2)
drill_time	INTEGER	"drill_time" INTEGER
prod_type	VARCHAR(50)	"prod_type" VARCHAR(50)
oil_model_status	INTEGER	"oil_model_status" INTEGER
gas_model_status	INTEGER	"gas_model_status" INTEGER
pad_cost	DECIMAL(15, 2)	"pad_cost" DECIMAL(15, 2)
exploration_cost	DECIMAL(15, 2)	"exploration_cost" DECIMAL(15, 2)
cost_per_foot	DECIMAL(10, 2)	"cost_per_foot" DECIMAL(10, 2)
distance_to_pipe	DECIMAL(10, 2)	"distance_to_pipe" DECIMAL(10, 2)
cost_per_foot_to_pipe	DECIMAL(10, 2)	"cost_per_foot_to_pipe" DECIMAL(10, 2)

## Indices (0)

Name	Type	Schema
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## Views (0)

Name	Type	Schema
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## Triggers (0)

Name	Type	Schema
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