

Diagram Documentation

This ERD illustrates the relationships between tables in PostgreSQL database FNL_WellData

well_distance

final well_distance data will be joined with well_data table using PK

Field	Description	Type	Default	Other
well_id		varchar		PK
final_dist		numeric		

well_data

well_data is the primary table in the database to be utilized for ML model using Python

Field	Description	Type	Default	Other
well_id		varchar		PK, FK
lease_name		varchar		
operator_company		varchar		
county		varchar		
landing_zone		varchar		
date_completed		date		
lateral_len		numeric		
total_fluid		numeric		
total_proppant		numeric		
well_spacing		numeric		
fluid		numeric		
prop		numeric		
avg_ppg		numeric		
oil_eur		numeric		
gas_eur		numeric		
isopach		numeric		
porosity		numeric		
sw		numeric		
tvd		numeric		
fvf		numeric		
toc		numeric		

well_toc

TOC will be joined with well_data using PK

Field	Description	Type	Default	Other
well_id		varchar		PK, FK
toc		numeric		