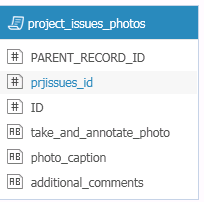
****

**custom tables in tnmp elasticube**

1. **Project Issue Photos**

The purpose of this custom table is to get the photos from the take\_and\_annotate\_photos table that are related to project issues sub form.

****

**sql query :**

SELECT

b.parent\_record\_id,a.id AS prjissues\_id, b.id, b.take\_and\_annotate\_photo,b.photo\_caption,b.additional\_comments from

[tpsiformdb.\_data441442\_tnmp\_substation\_project\_issues\_subform] a

LEFT JOIN

[tpsiformdb.\_data441442\_tnmp\_capture\_annotate\_photos\_subform] b

ON a.id = b.parent\_record\_id

AND b.PARENT\_PAGE\_ID=3471832 AND b.PARENT\_ELEMENT\_ID=278008716

This query does a left join between project issues subform table and photos table. It has hardcoded values for the project issues subform page id and the element id in the form.

The result shows the photo details related to project issues.

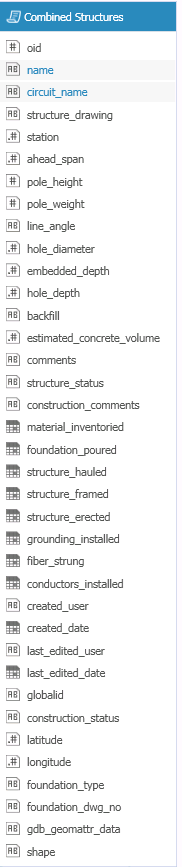
The custom tables substation\_safety\_photos, line\_issues\_photos have the same logic of retrieving photos from the photo table related to a sub form.

1. Combined Structures

This table is a result of union of two tables

[sde.longneck\_structures\_evw]

[sde.longneck\_climax\_structures\_evw]



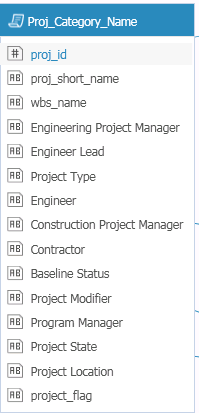
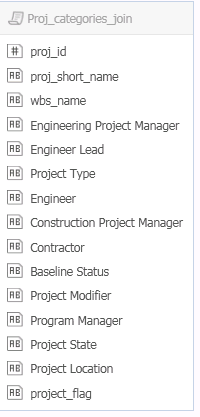
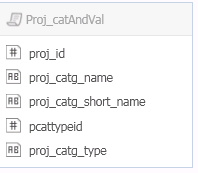
Sql query: SELECT \* FROM [sde.longneck\_structures\_evw]

UNION ALL

SELECT \* FROM [sde.longneck\_climax\_structures\_evw]

1. Project Category Name Table

The project category name table contains the information about a project, its name, engineer, and contractor, manager involved. Also status, location and type of each project.

1. Proj\_catAndVal

Sql query:

SELECT

res.\*,T.proj\_catg\_type

FROM

(SELECT

C.proj\_id,V. proj\_catg\_name,V.proj\_catg\_short\_name,c.PROJ\_CATG\_TYPE\_ID AS pcattypeid

FROM

Projpcat as C

JOIN

Pcatval as V

ON

C.Proj\_catg\_id = V.Proj\_catg\_id and c.proj\_catg\_type\_id=v.proj\_catg\_type\_id) AS res

INNER JOIN [PCATTYPE] AS T

ON res.pcattypeid=T.PROJ\_CATG\_TYPE\_ID

This query is a result of join between the Projpcat table and Pcatval table based on the project category id.

1. Proj\_categories\_join

Sql query:

SELECT

result.PROJ\_ID,result.PROJ\_SHORT\_NAME,W.wbs\_name, result.[Engineering Project Manager],

……. result.project\_flag

FROM

(SELECT P.PROJ\_ID,P.PROJ\_SHORT\_NAME,P.PROJECT\_FLAG,

t1.proj\_catg\_name AS [Engineering Project Manager],

…..t11.proj\_catg\_name as [Project Location]

FROM [PROJECT] AS P

left JOIN [Proj\_catAndVal] t1

ON P.PROJ\_ID=t1.PROJ\_ID

AND t1.PROJ\_CATG\_TYPE='Engineering Project Manager'

left JOIN [Proj\_catAndVal] t2

ON P.PROJ\_ID=t2.PROJ\_ID AND

t2.PROJ\_CATG\_TYPE='Engineer Lead'

.

.

.

left JOIN [Proj\_catAndVal] t11 ON P.PROJ\_ID=t11.PROJ\_ID AND t11.PROJ\_CATG\_TYPE='Project Location'

WHERE coalesce(

t1.proj\_catg\_name,

t2.PROJ\_CATG\_NAME,

t3.proj\_catg\_name,

t4.proj\_catg\_name,

t5.proj\_catg\_name,

t6.PROJ\_CATG\_NAME,

t7.proj\_catg\_name,

t8.proj\_catg\_name,

t9.proj\_catg\_name,

t10.PROJ\_CATG\_NAME,

t11.proj\_catg\_name

) is not NULL

) AS result

inner JOIN [PROJWBS] AS W

ON result.proj\_id = W.proj\_id

WHERE result.PROJECT\_FLAG='Y' AND result.PROJ\_SHORT\_NAME NOT LIKE '%TEMPLATE%' AND W.PROJ\_NODE\_FLAG='Y' AND W.wbs\_name NOT LIKE '%Template%'

AND result.PROJ\_SHORT\_NAME NOT LIKE '%- B%' AND result.PROJ\_SHORT\_NAME NOT LIKE '%TEST%' AND result.PROJ\_SHORT\_NAME NOT LIKE '%REVIEW%'

This project gets details of a project from the project table, it gets the project category names based on different category types for each project.

Also this result table is then joined with the project wbs table to get the wbs\_name.

There are certain conditions in the where clause to exclude test or template projects.

1. Proj\_Category\_Name:

SELECT J.\*

FROM [Proj\_categories\_join] AS J

This table selects the result from Proj\_categories\_join table and displays it.