FIGURES FOR SOUTHERN LOST HILLS OILFIELD BASIN PLAN AMENDMENT DRAFT STAFF REPORT
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Asymmetric fold with erosion of Etchegoin and San Joaquin Formations with eastward deposition of Tulare Formation thinning onto the structure and thickening to the east.

Adapted From Medwedeff, 1989
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Tulare Formation—Hydrocarbon bearing, UIC steam injection (EOR) and water disposal in Northern area; Non-oil producing in Southern area

Etchegoin Sands—Hydrocarbon bearing, UIC steam injection (EOR) and water disposal in Northern area; Non-oil producing in Southern area

Reef Ridge Diatomite—Oil producing

Cahn—Oil producing

Adapted from California Oil & Gas Fields, Volume 1, DOGGR 1973
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Figure 1-8
Lower Tulare Isochore Thickness Contour Map

- Lost Hills Field Admin Boundary
- PLSS Sections

Isochore Thickness Contour Color Fill

Legend:
- 0'
- 50'
- 100'
- 150'
- 200'

Scale:
- 2 miles
Figure 1-9 Tulare Formation Type Log, Lost Hills Oilfield

Figure 1-9
Tulare Type Log
Lost Hills
Oilfield

- Upper Tulare
- Mid-Tulare Shale
- Lower Tulare
- Etchegoin
Figure 1-10 Mid-Tulare Shale Isochore Thickness Contour Map

Figure 1-10
Mid-Tulare Shale Isochore Map

- Lost Hills Field Admin Boundary
- PLSS Sections

Isochore Thickness Contour Color Fill

Legend:
- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70

Scale:
- N
- 2 miles
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Tulare Non-Reservoir Facies Air Perm Distribution

Legend
mD millidarcy

Source: Seneca Resources Corporation
Figure 1-25 Plot of Pump Test Results for Tisdale Wells 87WD-22 and 88WD-22 (Injection Well)

Legend
Test performed on 14 and 15 September 2017
During the test, water was injected into 88WD-22 and 87WD-22 was monitored.
psig - pounds per square inch of mercury

Source: Seneca Resources Corporation

Kennedy/Jenks Consultants
Aquifer De-Designation
Kern County, California
Pump Test Results
Tisdale 87WD-22 and 88WD-22

KJ 1665024:00
September 2017
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