UTAH GEOLOGICAL SURVEY
a division of
Utah Department of Natural Resources

Plate 21
Utah Geological Survey Open-File Report 600
Well Database and Maps of Salt Cycles and Potash Zones of Paradox Basin, Utah

Transverse Cross Section

San Juan County — W — E — San Juan County

Tie well to longitudinal master section

4303711247	4303711355	4303710970	4303730211	4303710699	4303710436	4303730147
Texas Company	Pure Oil Co	Reynolds Mining Corp	Husky Oil Ltd	Gulf Oil Corp	British Amer Oil Prd	Westcoast Oil & Gas Co
1	1	1	6-15	1	1	1
T32S R19E S28	T30S R20E S19	T29.5S R20E S35	T29S R21E S15	T28S R22E S34	T28S R23E S17	T28S R23E S10

Relative Depth (ft): -1800, -1500, -1200, -900, -600, -300, 0, 300, 600, 900, 1200, 1500, 1800, 2100, 2400, 2700, 3000, 3300, 3600, 3900, 4200

Neutron Log · Sonic Log · Neutron Log · Sonic Log · Resistivity Log · Sonic Log · Sonic Log

Salt 2
Salt 3
Gothic
Salt 4
Salt 5
Chimney Rock
Salt 6
Salt 7
Salt 8
Salt 9
Salt 10
A Marker
Salt 11
Salt 13
B Marker
Salt 14
Salt 15
Salt 16
Salt 17
Salt 18
Salt 19
C Marker
Salt 20
Salt 21
Cane Creek
Leadville Limestone

Well Database and Maps of Salt Cycles and Potash Zones of the Paradox Basin, Utah
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2012

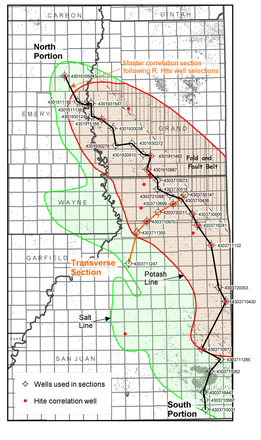
Vertical Exaggeration 20:1

0 6000 12000 18000 24000 30000 ft
0 9000 m
0 9 km
0 5 miles

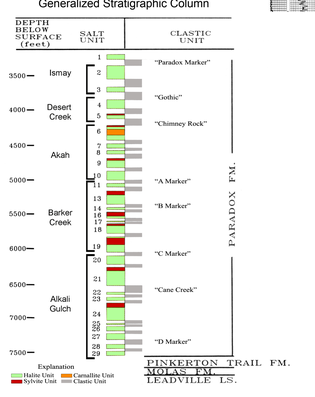
EXPLANATION

- Salt cycle with potentially economic potash zones (labeled according to Hite nomenclature; only zones S5, S6, S9, S13, S16, S18, and S19 color filled; other salt cycles may contain potash zones)
- Potash zones in S5, S9, S13, S16, S18, and S19
- Carnallite potash zone in S6
- Key marker bed
- Mississippian limestone (arbitrarily shown as 200 ft thick)

Location of Transverse Cross Section



Generalized Stratigraphic Column



Cross Section in Structural Aspect

