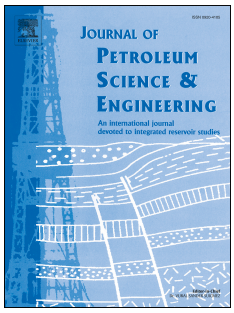
Accepted Manuscript



A methodology for wellbore stability analysis of drilling into presalt formations: A case study from southern Iran

Raoof Gholami, Minou Rabiei, Brent Aadnoy, Vamgh Rasouli

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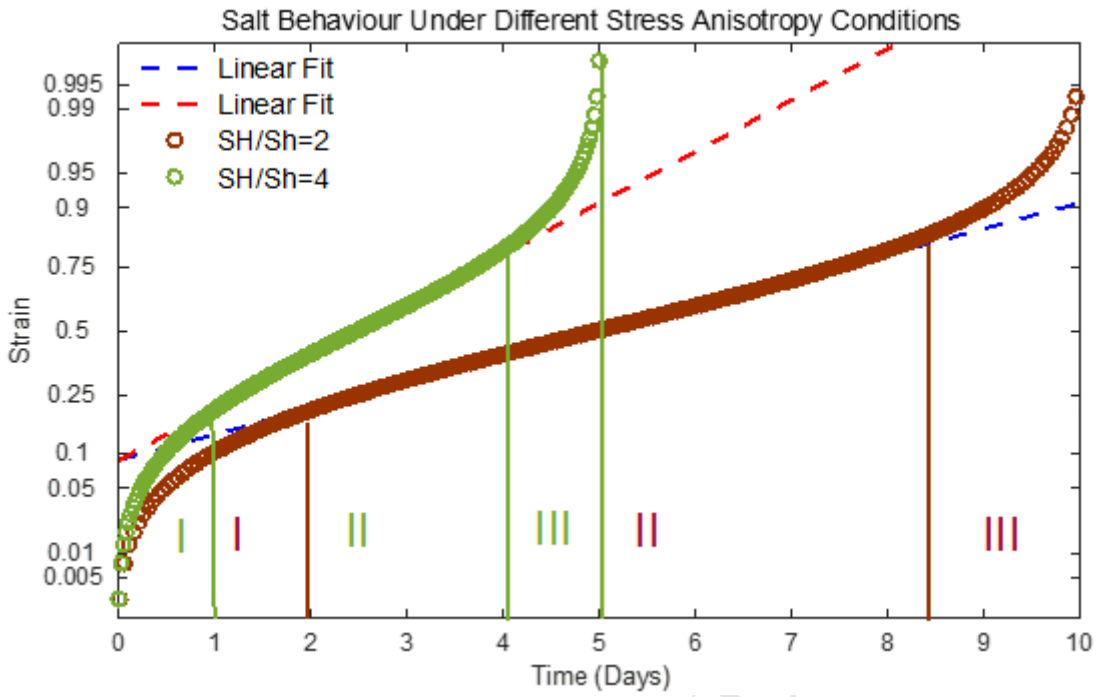
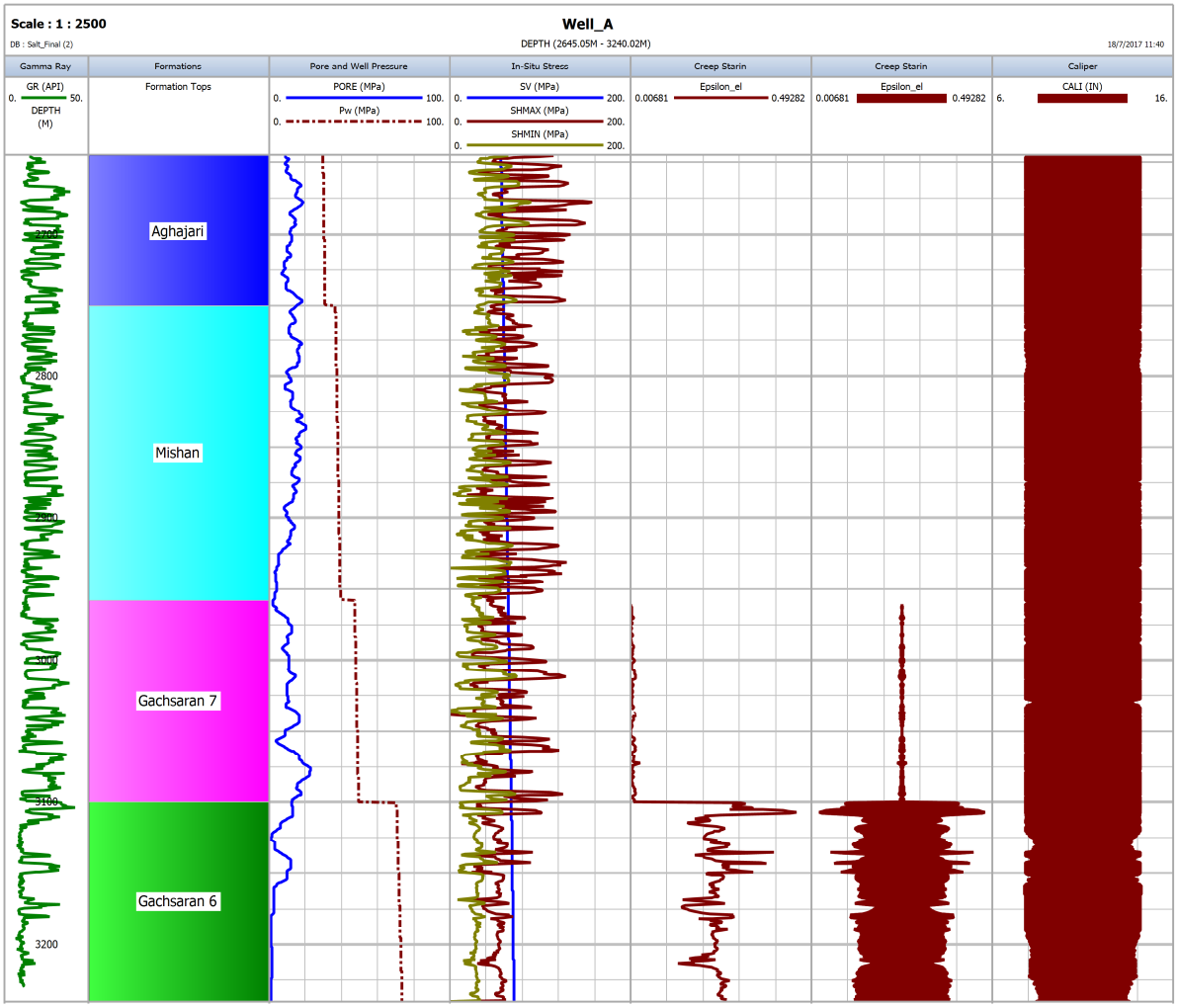

Salt Behaviour Under Different Stress Anisotropy Conditions
Linear Fit
Linear Fit
SH/Sh=2
SH/Sh=4
Strain
0.995
0.99
0.95
0.9
0.75
0.5
0.25
0.1
0.05
0.01
0.005
I
I
II
III
II
III
0
1
2
3
4
5
6
7
8
9
10
Time (Days)


Scale : 1 : 2500
Well_A
DB : Salt_Final (2)
DEPTH (2645.05M - 3240.02M)
18/7/2017 11:40
Gamma Ray
Formations
Pore and Well Pressure
In-Situ Stress
Creep Starin
Creep Starin
Caliper
GR (API)
0.
50.
DEPTH
(M)
Formation Tops
PORE (MPa)
0.
100.
Pw (MPa)
0.
100.
SV (MPa)
0.
200.
SHMAX (MPa)
0.
200.
SHMIN (MPa)
0.
200.
Epsilon_el
0.00681
0.49282
Epsilon_el
0.00681
0.49282
CALI (IN)
6.
16.
Aghajari
Mishan
Gachsaran 7
Gachsaran 6
2800
3200

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