

Bell Lake North Field Compared to Bell Lake Middle Field - Demonstrating Field Separation

Bell Lake North Field vs. Bell Lake Middle

Conoco Bell Lake North #6
Bell Lake North

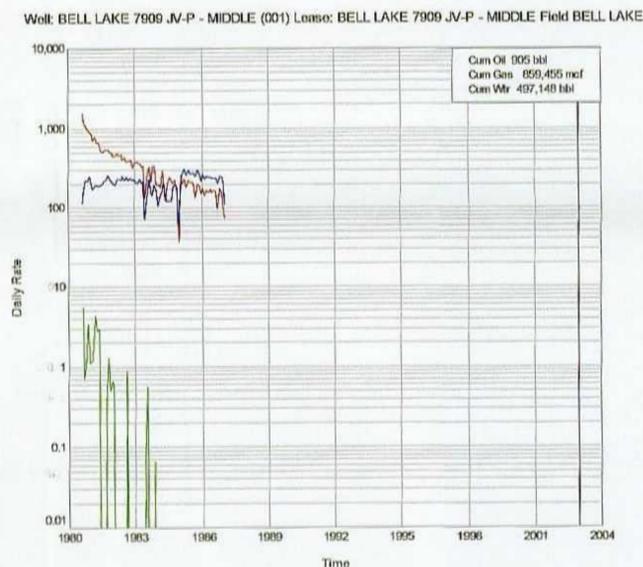
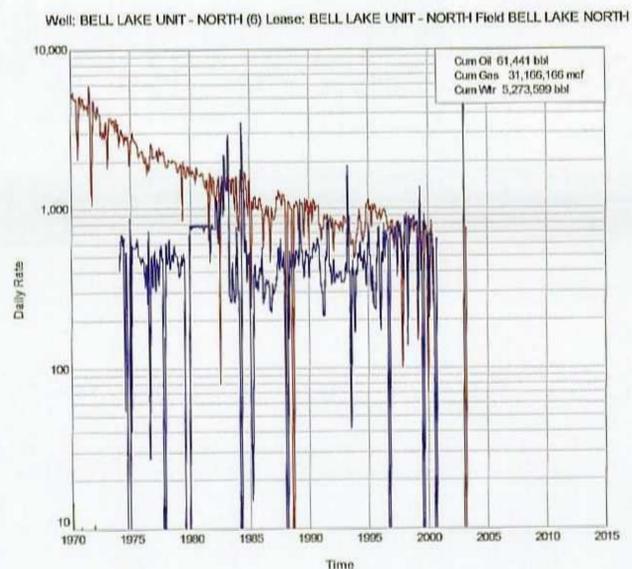
BTA Bell Lake #1 7909 JV-P
Bell Lake Middle

Observation	Fact	Conclusions		
OBHP	6400 psi	6072 psi	they have different BHP	Fields are separated
Current BHP	3820 psi	850 psi	different last reported BHP	Fields are separated
Water prod	5,000,000 bbls	497,148 bbls	they have different cum volumes	Fields are separated
Water rates	800 bwpd	200 bwpd	they produced at different rates	Fields are separated
BHP vs. Time	see data below - fields deplete differently		they have different pressure history	Fields are separated
Gas prod history	Pressure supported see decline curve & BHP data	Depletion drive see decline curve & BHP data	they have different decline curve shapes and drive mechanisms	Fields are separated
Prod Interference	this well did not indicate interference when the later BTA well was drilled		they are not competing for the same reserves	Fields are separated

BELL LAKE NORTH AND BELL LAKE MIDDLE ARE SEPARATED BECAUSE:

- The Original Bottom Hole Pressures are Different
- The current BHP are different, the BTA well is depleted, while the Conoco BLN #6 is still capable of production with 3820 psi BHP last reported
- The water production rates and profiles are different.....indicating different aquifers and/or separate reservoir drive support
- The Bottom-Hole Pressure vs. Time plots are different, this indicates different reservoir drive mechanisms
 - see production Decline Curves, The profiles between The two fields are different.
- The Decline Curves do not exhibit any interference tendencies or reserve competition.

- In 1980 when the BTA Bell Lake 7909 was drilled, interference or production depletion is not evidenced on the BLN #6 decline curve below.



- Based on all the information noted above, clearly these wells produce from separate reservoirs.

Pressure History of the wells in each field - Demonstrating Field Separation

BTA Bell Lake #1 7909 JV-P Sec 18
Bell Lake Middle

Conoco Bell Lake #6 Sec 6
Bell Lake North

Date	BHP
May-80	6072 OCD Case #6962 R-6464
Aug-80	4999 PI - Dwights
Jul-80	4270 PI - Dwights
Aug-82	3110 PI - Dwights
Sep-83	3318 PI - Dwights
Aug-84	1237 PI - Dwights
Jul-85	988 PI - Dwights
Jul-86	850 PI - Dwights
Jul-87	16 PI - Dwights

This well is depleting as evidenced
by decreasing BHP and the decline curve.

Date	BHP
Jun-60	6400 DST, OCD Case #6962 R-6464
Aug-79	6039 PI - Dwights
Jan-80	PI - Dwights
Sep-81	PI - Dwights
Sep-82	PI - Dwights
Oct-83	6080 PI - Dwights
Jan-84	PI - Dwights
Jan-85	PI - Dwights
Sep-86	6014 PI - Dwights
Oct-95	4047 PI - Dwights
Nov-96	4047 PI - Dwights
Sep-97	3736 PI - Dwights
Jul-98	3820 PI - Dwights

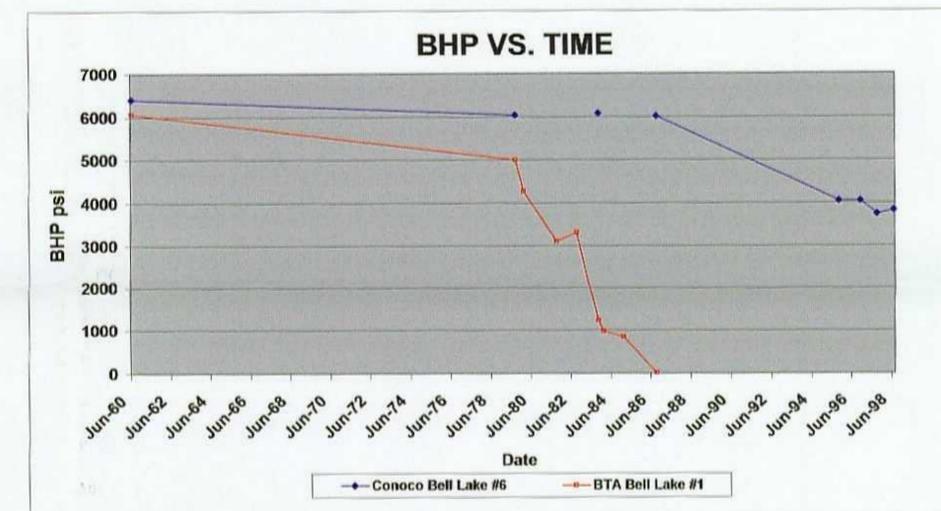
This well exhibits pressure support,
based on BHP and decline curve.

Based on the publicly available pressure data, plotted here, Bell Lake North Field is clearly producing from a separate pool/reservoir than Bell Lake Middle.

OBHP for N. Bell Lake was 6400 psi and the plot here indicates water drive pressure support. The decline curve for N. Bell Lake also indicates a water drive pressure support mechanism.

OBHP for Bell Lake Middle was 6072 psi (falling quickly) the plot here indicates pressure depletion. Limited water drive is observed. The decline curve for Bell Lake Middle also indicates lack of water drive.

Further evidence of reservoir separation is provided by the differences in cumulative water produced and producing water rates. N. Bell Lake last produced 800 bwpd with cumulative 5 million bbls wtr. Bell Lake Middle last produced 250 bwpd with cumulative 500,000 bbls wtr.



- Based on the pressure information noted above, clearly these wells produce from separate reservoirs.

- The BTA well has depleted, while the Conoco BLN #6 well still reports 4000 psi BHP.