Powder River Basin

West

East

Salt Creek Field

Howell Petroleum
2 WC 2
T. 40 N., R. 78 W., sec. 31

WC Field

Cabot/Washington Energy
22-13X Magnum
T. 40 N., R. 76 W., sec. 13

Porcupine Field

Diamond Shamrock
34-31 McGahey-Federal
T. 42 N., R. 70 E., sec. 31

Finn-Shurley Field

Western Production Co
10-10 Colen
T. 42 N., R. 65 W., sec. 10

15 miles

32 miles

33 miles

TSE

Frontier Fm
Wall Ck Mbr.

16

16

16 ?

19?

19

Turner Ss

pebble lag

RSE

16

2 ft m-gr ss, massive, sharp base

5200

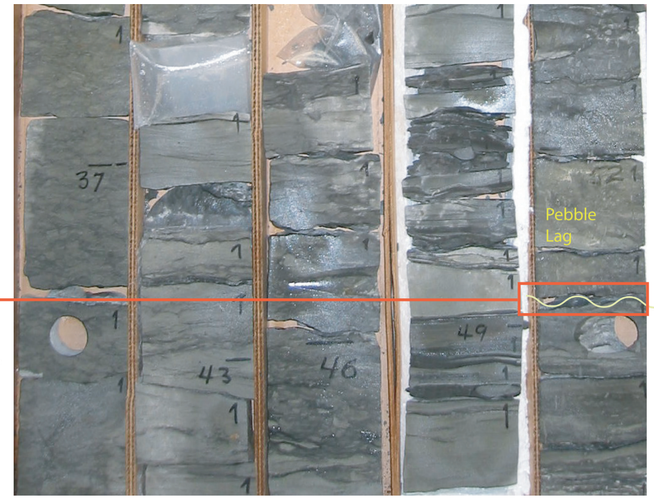
5300

Frontier Fm
Belle Fourche Mbr.

Frontier Fm
DST 12226-14062
2300 ft GCWB
650 ft GCM
2 cf gas

Production Test
47 BOPD
259 MCFGPD

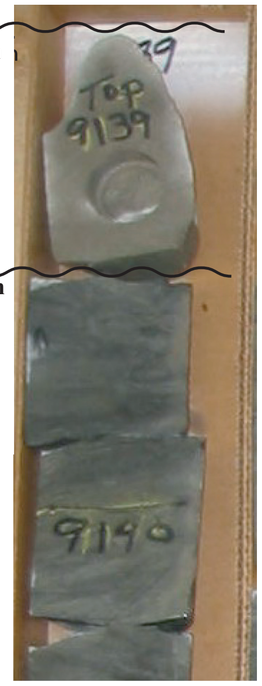
Belle Fourche Shale

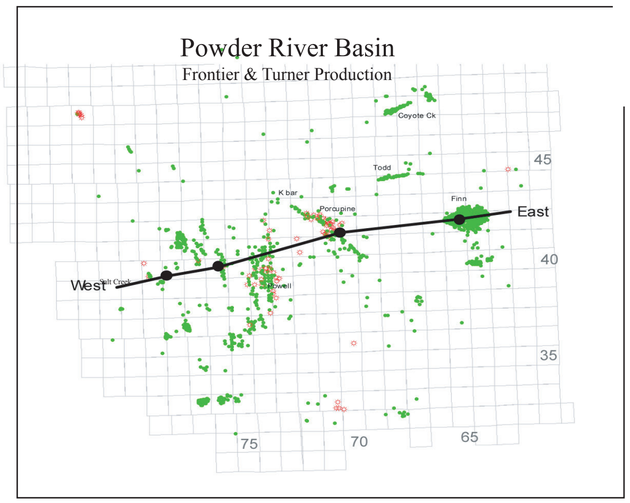


Trangressive erosion

Transgressive lag

Regressive erosion





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Chapter 1