

MINUTE ITEM

This Calendar Item No. C28 was approved as
Minute Item No. 28 by the California State Lands
Commission by a vote of 3 to 0 at its
12-03-07 meeting.

**INFORMATIONAL
CALENDAR ITEM
C28**

A 54, 55

12/03/07

W 16001

S 27, 28

W 10440

V. Duda

**STAFF REPORT ON THE
MONITORING OF POSSIBLE SUBSIDENCE,
LONG BEACH UNIT; WILMINGTON OIL FIELD,
LOS ANGELES COUNTY**

PARTY:

California State Lands Commission
100 Howe Avenue, Suite 100-South
Sacramento, CA 95825-8202

BACKGROUND:

The City of Long Beach conducts surveys twice each year, in May and November, for the purpose of monitoring changes in ground elevation of the Long Beach tidelands and adjacent areas. The Commission's staff reviews and interprets the benchmark elevation data from these semi-annual surveys. This report covers benchmarks surveyed in May 2007 and compares elevation changes that have occurred since completion of the previous survey in November 2006.

The Harbor district continued to remain stable, except for Pier S. An elevation loss of up to -0.056 feet (-0.67 inches) was observed on the northern edge of Pier S. This minor elevation change is due to ongoing waterflood adjustments during oil field development operations.

The curtailed Tar steam flood area west of Henry Ford Avenue showed a slight increase of 0.043 feet (0.52) inches in elevation. The implementation of increased water injection and production rates hastened heat withdrawal while maintaining reservoir pressures. The area is considered stabilized.

Elevations throughout the Civic Center, Central City, Alamitos Bay and Naples remained stable, The Central City experienced a localized elevation decrease of -

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0.05 to -0.08 feet (-0.60 to -0.96 inches). These minor changes were due to ongoing waterflood adjustments corresponding to a temporary focused development program. Significantly increased and realigned water injection is addressing the issue.

The Oil Islands remained stable during the period except for Island Grissom that declined -0.059 feet (-0.71 inches). This was due to ongoing waterflood adjustments during oil field development operations.

The results of the next regular elevation survey, to be conducted in November 2007, will be reported to the Commission after the data have been received and analyzed by the Commission's staff.

EXHIBIT:

A. Location Map

PERMIT STREAMLINING ACT DEADLINE:

N/A (not a "development project" subject to the Act)

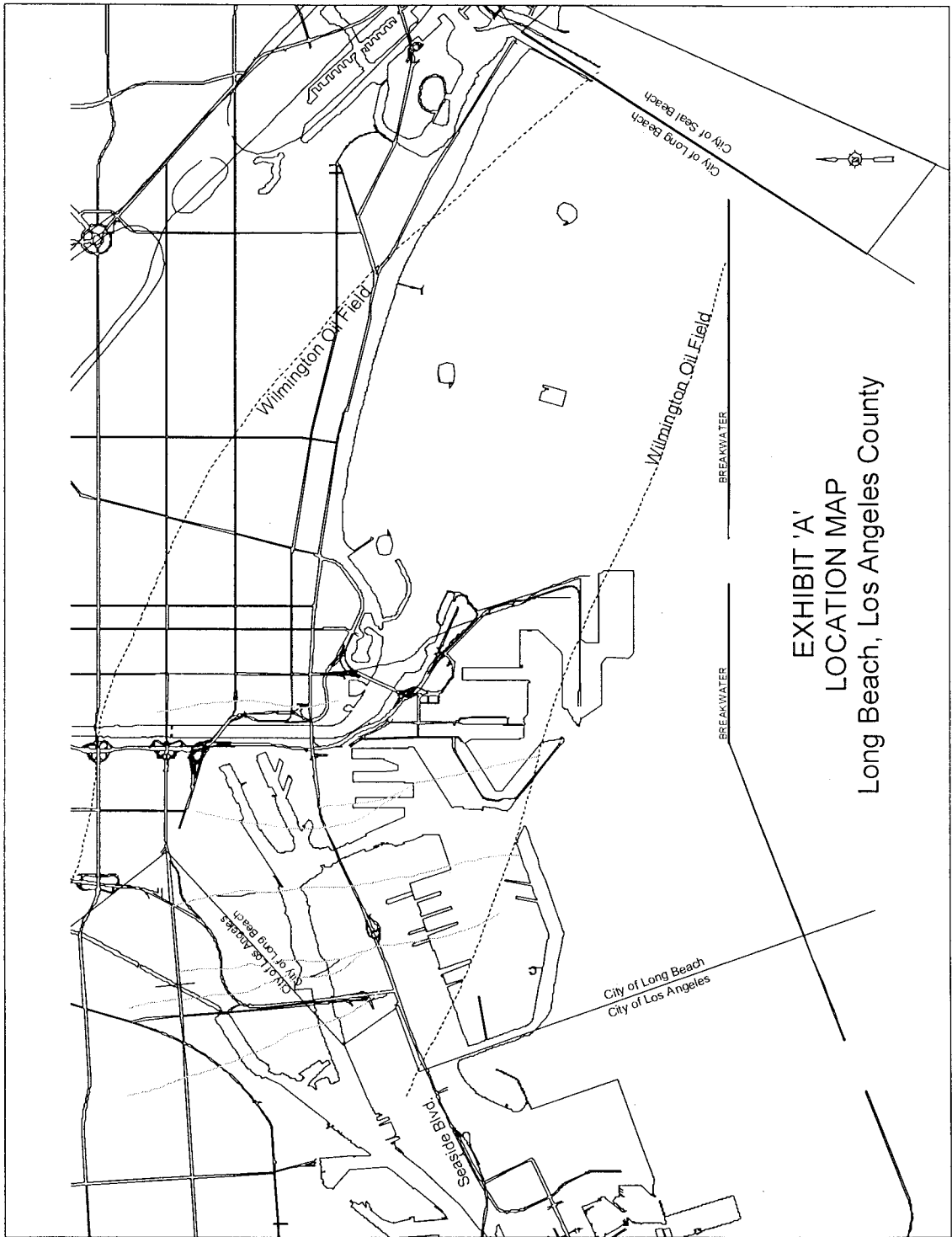


EXHIBIT 'A'
 LOCATION MAP
 Long Beach, Los Angeles County

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