

Ultramar

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Inter-Office Memorandum

Date: June 27, 1990

To: Jim Egger

Location: Houston

From: Brent Houser *JBH*

Subject: P.Q. Osudo State Com No. 1
Reserves Estimate

The P.Q. Osudo #1 was recently drilled and completed in the Upper Morrow sand. The well had 24' of pay with a virgin pressure of 6400 psi, but build-up tests indicated that the sand had very low permeability. In May, 1990, a fracture stimulation was performed on the Morrow with approximately 40,200# of 20-40 Interprop. The well was then tested at a rate of 1046 MCFPD at 3222 psi and had a CAOF of 3375 MCFPD. The well has not been placed on production because it is awaiting a gas line hook-up.

The reserves for the Upper Morrow were determined volumetrically assuming a net pay of 24', a drainage area of 80 acres, and a recovery of 40% of the OGIP. The gross reserves are estimated to be 1115 MMCF and 22,300 BBLS of condensate. UOGL has a working interest of 50% (37.5% NRI) giving us net reserves of 418 MMCF and 8363 BBLS.

JBH/ba
(0220K4)
cc: Mitchell Veh
Well File

Samson Exhibit 49
NMOCD Case Nos. 13492/13493
Submitted 8/10/06



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