



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

COMMINGLING ORDER CTB-530

BP America Production Company
501 Westlake Park Blvd, Rm 5.172
Houston, Texas 77079

Attention: Amy T. Spang

The above named company is hereby authorized to commingle, measure and sell off-lease gas production from the following Lea County leases. All production is from the Jalmat-Tansil-Yates-Seven Rivers Pool (Gas 79240).

McDonald WN State Well No.s 3, 4, 5, 6, 32, and 39
Dedicated to all of Section 36, Township 22 South, Range 36 East NMPM

Rodman Jones Well No. 6
Dedicated to the NW/4, Section 35, Township 22 South, Range 36 East NMPM

Ethel Shipley Owens Well No. 1
Dedicated to the SW/4, Section 26, Township 22 South, Range 36 East NMPM

Curran Jones WN Well No. 1, 2, and 10
Dedicated to the N/2, Section 34, Township 22 South, Range 36 East NMPM

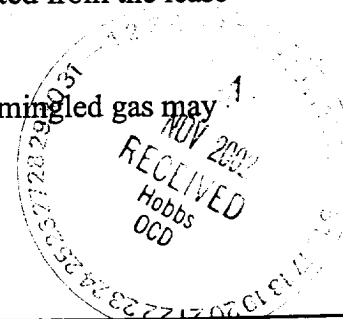
Shipley Gas WN Well No. 1
Dedicated to the SW/4, Section 27, Township 22 South, Range 36 East NMPM

Shipley A WN Well No. 6
Dedicated to the NW/4, Section 27, Township 22 South, Range 36 East NMPM

Allocation gas meters shall be installed on each lease to be commingled and regularly calibrated for accuracy. Each lease's gas sales, production, and BTU values shall be calculated using data collected from allocation rate meters, total CDP sales, lost gas, fuel gas, and periodic BTU tests. Compressor fuel gas usage shall be calculated for each lease based on that lease's ratio of the total of all the allocation meters feeding that compressor.

For reporting purposes, individual well production numbers shall be calculated from the lease totals using periodic well tests.

No liquids shall be commingled. The measurement and sales point for commingled gas may occur off lease.



algorithm called *Longest Common Subsequence Rules* and *Longest Common Subsequence Pattern* for finding the common subsequence in the two strings.

Algorithm 1: Longest Common Subsequence

Input: Two strings S_1 and S_2

Output: LCS

Example