For Approval Of

Name	Approved	Date
PA Eddy	LSP for PAE	1-19-84
PE Bramson	PEB	1-19-84

Project Number _____

Internal Distribution

PE Bramson
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VL McGhan
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File
LB

Date January 19, 1984

To Glen Manley

From ED Hilty EDH

Subject 1984 Well Maintenance Contract Work Estimates

My high and low estimates of the actual work hours required to complete the basic 1984 sample well remedial action contract are 360 and 310 hours.

The high estimate is arrived at by assuming the contractor will average the completion of one well per working day during this 45-well effort.

The low estimate is arrived at by taking into consideration that 30 of the 45 wells could possibly be satisfactorily rehabilitated at the rate of six, or possibly four hours per well. This might be possible because: 1) each of these wells is less than 100 feet deep, 2) past rehabilitation efforts did not indicate any "sanding" problems, 3) each well "makes" plenty of water, and 4) some of these wells are grouped in the same general areas.

Recent conversations with personal contacts in the drilling industry indicate 1984 hourly work rate charges of $45 to $55. I do not foresee any out of the ordinary special-work ($50 to $60 per hour) charges on this contract but we will undoubtedly run into some unanticipated work problems.

ELH:ks