

NATURAL GAS AND OIL TECHNOLOGY PARTNERSHIP

-----bringing department of energy national laboratories capabilities to the petroleum industry-----

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EVALUATION FORM E&P ENVIRONMENTAL TECHNOLOGY PROPOSALS February 25, 2004

Organization: _____ Name: _____

We are seeking industry evaluation of the following projects. The Department of Energy uses this information in determining funding priorities. Feel free to make any comments, suggestions, and/or changes in the space provided for each proposal below. Also, please assign a relative priority for each project on the table on the last page. Please note that the order in which the proposals are listed and presented has been randomized within the topical groups and no significance should be associated with the order.

You can be assured that your input will be considered carefully. We sincerely thank you for your input and help.

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EP01 Use of Ionic Liquids in Produced Water Clean Up (ORNL, TBA) DOE FY04 funding requested
- \$250K

EP04 Managing Coal Bed Methane Produced Water for Beneficial Uses, Initially Using the San Juan and Raton Basins as a Model (Energen Resources et al, SNL) DOE FY04 funding requested - \$240K

EP13, Hydrophobic Membranes for Removal of Organic Impurities in Production Water, (Marathon Oil Co., LLNL), DOE FY04 funding requested - \$240K

EP 15 Modeling of Water Soluble Organic Content in Produced Water, (ChevronTexaco, ConocoPhillips, Shell, ORNL), DOE FY04 requested funding, \$250

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EP16, Characterizing the Formation of Secondary Organic Aerosols, (Western States Petroleum Assoc., IPAMS, UC Berkeley, LBNL) DOE funding requested- \$200K

EP18, Science-Based Methods to Assess Risks Attributable to Petroleum Residues Transferred from Soil to Vegetation, (ChevronTexaco, PERF, UC Berkeley, UC Davis, LBNL), DOE FY04 funding requested, \$200K.

EP02, Remote Sensing for Environmental Baseline and Monitoring, (USGS,ARS, UC Santa Cruz, ORNL, LLNL) Project completed – no FY04 funding requested.

RELATIVE PRIORITIES

No.	Title	Priority				
		Low				High
01	Use of Ionic Liquids in Produced Water Clean Up	1	2	3	4	5
04	Managing Coal Bed Methane Produced Water for Beneficial Uses	1	2	3	4	5
13	Hydrophobic Membranes for Removal of Organic Impurities in Production Water	1	2	3	4	5
15	Modeling of Water Soluble Organic Content in Produced Water	1	2	3	4	5
16	Characterizing the Formation of Secondary Organic Aerosols	1	2	3	4	5
18	Science-Based Methods to Assess Risks Attributable to Petroleum Residues Transferred from Soil to Vegetation	1	2	3	4	5
02	Remote Sensing for Environmental Baseline and Monitoring					

Please feel free to comment on the Partnership, this review and evaluation process, or any other topics in the space below and any continuation you may wish to attach.