

UNITED STATES DEPARTMENT OF INTERIOR

U.S. GEOLOGICAL SURVEY

1995 National Assessment of United States Oil and Gas Resources: Province Incremental  
Cost Schedules

by

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### TABLE OF CONVERSIONS TO SI UNITS

multiply unit	by	to obtain metric unit
barrel	0.159	cubic meter
cubic foot	0.02832	cubic meter
foot	0.3048	meter

### Unit Abbreviations

BBO .....Billions of barrels of oil

MMBO..... Millions of barrels of oil

MMBOE...Millions of barrels of oil equivalent

TCF ...Trillions cubic feet gas

mcf ....Thousands cubic feet gas

bbl ..... Barrels

# 1995 National Assessment of United States Oil and Gas Resources: Province incremental cost functions

By Emil D. Attanasi

## Summary

This report provides the incremental cost schedules for technically recoverable resources in undiscovered conventional oil and gas fields, continuous-type oil and gas accumulations, and coalbed gas accumulations that were evaluated in the economic component of the 1995 National Assessment of US oil and gas resources. Previous publications presented only the regional cost functions or selected provinces. Discussion in this report is limited to defining the resources assessed, showing the locations of assessed provinces, and outlining the procedure and assumptions used to compute the province level incremental cost functions.

## Introduction

The National Assessment of oil and gas resources by the US Geological Survey (USGS) postulates a set of scientifically based estimates of recoverable volumes of oil and gas that could be added to the proved reserves of the United States. The geologic component of the National Assessment (USGS Circular 1118, 1995, Gautier and others, 1996) developed estimates of hydrocarbons that are producible using current technology but without reference to economic profitability, while the economic component (Attanasi, 1998) presents costs of finding, developing, and producing the assessed resources at the regional level. This report presents the complete set of province level incremental cost schedules or functions.

The functions show the unit costs required for transforming technically recoverable resources assessed in undiscovered conventional fields and unconventional oil and gas accumulations into producible proved reserves. The *incremental cost functions* show costs as a function of the cumulative volume of resources transformed. Costs include finding, development, production, and also a return on investment. The computation of the incremental cost functions requires that the "full cost" of the marginal unit of resources added to producible reserves equal well head price.<sup>1</sup> The cost functions show for various prices, volumes of resources that the industry is capable of adding to *proved reserves or cumulative production* rather than predicting what the industry will actually supply.

Actual additions and market supply are the outcome of optimizations of numerous supplier decisions over geographically diverse regions and hydrocarbon sources that assure market supply at lowest costs. This report provides a baseline to compare costs when examining alternative supply regions, alternative sources for oil and gas, and alternative technologies. Coalbed gas and conventional gas, for example, have different production technologies that characterize discovery, development, and production costs.

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<sup>1</sup> These functions are often referred to in the popular literature as marginal cost or price-supply functions or resource cost functions. However, they differ from the economist's marginal cost or supply functions in that resource quantities are not expressed in terms of rate of resource supply, that is, the number of barrels per year but rather in terms of cumulative barrels added to reserves or production.

These differences are accounted for as resources are put on a common basis by the incremental cost functions.

The methodology and results of the geologic analysis are described in USGS Circular 1118 and in Gautier and others (1996). The methodology and regional results for the economic component are described in Attanasi (1998)<sup>2</sup>. Because the purpose of this report is to provide details of the province level costs, the discussion is limited to defining the resources assessed, displaying the locations of assessed provinces, and outlining the procedure and assumptions used to compute the province level incremental cost functions.

### Resources Assessed

Geologists assessed the numbers and size distribution of undiscovered oil and gas fields of at least 1 million barrels of oil or 6 billion cubic feet of gas at the play level. Smaller fields were assessed at the province level with a statistical projection technique (see Root and Attanasi, 1993). Technically recoverable unconventional resources in identified continuous-type oil and gas accumulations and coalbed gas accumulations were also assessed by geologists.

Technology and costs associated with development and production of oil accumulations differ from those of gas accumulations so it was important to classify the source of hydrocarbons by type. Fields and accumulations having at least 20,000 cubic feet of gas per barrel of crude oil were classified as gas fields and accumulations; otherwise, they were classified as oil.

Commodities assessed were crude oil, natural gas (associated and non-associated), and natural gas liquids from associated and non-associated gas. All gas quantities are expressed as *dry gas*, that is, gas that has been stripped of natural gas liquids. Gas dissolved in geopressured brines, oil in tar deposits, and oil shales are excluded from the analysis. Gas from low-permeability "tight" sandstone reservoirs, oil and gas from shale reservoirs, and coalbed gas were assessed. Projections of future additions to proved reserves of discovered conventional fields (inferred reserves) were prepared using statistical extrapolations of historical trends.

The economic analysis evaluated the assessed technically recoverable oil and gas in conventional undiscovered fields at the province level because the small field assessment was prepared at the province level. The continuous-type oil and gas accumulations assessed by geologists were also evaluated as part of the economic component. Field growth projections (inferred reserves) were not part of the economic evaluation.

*Undiscovered technically recoverable resources* are volumes of resources hypothesized to exist on the basis of geologic knowledge, data on past discoveries, or theory, in undiscovered accumulations outside of known fields. Estimated resource quantities are producible using current recovery technology but without reference to economic viability. Posited *undiscovered accumulation sizes* include all components of field growth that might occur during field development and production. *Conventional*

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<sup>2</sup> For a detailed description of the methodologies for the economic evaluations of coalbed gas see Attanasi and Rice (1995), of continuous-type accumulations see Attanasi, Schmoker, and Quinn (1995), of undiscovered conventional fields in the onshore and State offshore areas of the lower 48 states see Attanasi, Gautier, and Root, and of undiscovered conventional fields in the onshore and State offshore areas of Alaska see Attanasi and Bird (1996).

*accumulations* are oil and gas accumulations that are typically bounded by a downdip water contact and from which oil, gas, and natural gas liquids (NGL) can be extracted using traditional development and production practices. *Accumulations assessed by geologists as occurring outside of existing fields were considered for the purposes of the economic analysis as separate and discrete new fields.* The onshore and State offshore areas of the United States were divided into eight regions and further subdivided into a total of 71 provinces (figure 1). For the 71 provinces, about 460 conventional plays were assessed.

*Continuous-type* hydrocarbon accumulations are pervasive throughout a large area or region. They do not owe their existence to the buoyancy of hydrocarbons in water as do conventional accumulations. Coalbed gas was assessed separately although it is also a form of continuous-type accumulation. Continuous-type accumulations have no downdip hydrocarbon-water contact whereas conventional accumulations have well-defined hydrocarbon-water contacts and seals that hold the hydrocarbons. A dominant characteristic of the reservoir rock of a continuous-type accumulation is that it is everywhere oil or gas charged. Other geologic characteristics include positioning of the accumulation downdip from water-saturated rocks, low reservoir permeability, abnormal (high or low) pressures, and close association of the reservoir with the source rocks from which hydrocarbons were generated. These accumulations are contained in sandstone, siltstone, shale, chalk, or coal but their areal extent and heterogeneity remain uncertain.

Figure 1 shows the locations, numeric codes, and boundaries of the USGS petroleum provinces and regions. Province numeric codes and names of each are provided in table 1. Table 1 also shows the mean value estimates of the assessed technically recoverable volumes of oil, gas, and natural gas liquids in undiscovered conventional fields, in continuous-type accumulations, and coalbed gas accumulations.

## Incremental Cost Functions

### *Undiscovered conventional oil and gas fields*

The geologic assessment provided undiscovered conventional oil and gas field size-frequency distributions from which quantities of economic oil, associated gas, associated gas liquids, non-associated gas, and non-associated gas liquids were computed. Incremental cost functions were prepared at the province level using the *expected or mean value* of the assessed size-frequency distributions of undiscovered accumulations grouped by 5000 foot depth interval. The size frequency distributions of new discoveries (by field-type and depth) were projected for successive increments of wildcat wells using a set of finding rate functions and the geologic assessment. A standard application of discounted cash flow (DCF) analysis determined commercial developability of newly discovered fields. The net after-tax cash flow consisted of revenues from the production of oil and/or gas less the operating costs, investment costs in the year incurred, and all taxes. All new discoveries of a particular size and depth class are assumed to be developed and added to producible reserves if the representative field is found to be commercially developable, that is, if it has an after-tax net present value greater than zero. The discount rate included the cost of capital and the industry's required return.

Finding rate functions predicted, for each increment of wildcat drilling, a size-frequency distribution of oil and gas discoveries. Average sizes of successive discoveries

became smaller and/or were found in deeper horizons; resulting in increasing finding costs. Increments of 50 wildcat wells (or 20 wildcat wells for State offshore areas) were assumed drilled until the exploration cost associated with the wildcat well increment is equal to or greater than the after-tax net present value of the commercially developed fields discovered by that increment of wildcat wells. For each increment of wildcat drilling, the allocation or targeting of wildcat wells to specific depth intervals maximized the after-tax net present value of the oil and gas discovered. As prices/incremental costs are allowed to increase, additional increments of wildcat wells are economic to drill and the marginal economic field size declines, adding more commercially developable fields. Both effects add to producible reserves. The basis for expressing the estimates of recoverable undiscovered petroleum as a function of well head price is that incremental units of exploration, development, and production effort will not take place unless the revenues expected to be received from the eventual production will cover the incremental costs, including a normal return on the incremental investment.

#### *Unconventional resources: continuous-type and coalbed gas accumulations*

The geologic assessment began with the partitioning of the postulated play areas in to equal area cells. In continuous-type plays cell spacing corresponded to the median drainage area of production wells in the play. For coalbed gas plays cell area corresponded to well spacing set by the state regulatory commission. Geologists interpreted past drilling results and production records to assess technically recoverable resources in remaining untested cells.

The results of the geologic assessment were expressed in terms of a size-frequency distribution of productive untested cells, where "cell size " here means volumes of hydrocarbons expected to be recovered. For calculating incremental costs, the geologic play assessments were transformed into the *expected* size-frequency distributions of untested (productive) cells computed in 5000 foot depth intervals. To determine the part of the cell frequency-size distribution of each 5000 foot depth interval within a play that is commercially developable, a cash flow analysis was applied to each cell-size category. After evaluation of all the cell-size classes within a specific depth interval, if the computed after-tax net present value of the aggregate developable cells is sufficient to cover the costs of drilling all cells, that is, the cost of exploration, then the aggregate resources in the commercially developable wells are added to reserves. Otherwise, drilling is not justified and resources are not added to reserves. Calculations were repeated assuming progressively higher well head prices and results were aggregated from depth intervals to the play level and then to the province level to arrive at incremental cost functions.

#### *General Economic Assumptions*

Listed below are the general assumptions common to the economic analysis of the assessed conventional undiscovered resources and unconventional resources in continuous-type accumulations and in coalbed gas accumulations. Additional details of the assumptions relating to the evaluation of specific resources are summarized in Attanasi (1998) and in open-file reports on specific resources and regions (Attanasi and Rice, 1995, Attanasi and others, 1995, Attanasi and others, 1996, Attanasi and Bird, 1996).

1. Economic analysis was applied to the mean or expected value of the hydrocarbons assessed.
2. Industry behavior was assumed to be rational, that is, investment will not be undertaken unless full operating costs, investment costs, and the costs of capital can be recovered.
3. A 12 percent after-tax rate of return is used as a hurdle rate or required rate of return for new investment to be undertaken. The cash-flow analysis was specific to individual projects and ignored tax preference items and minimum income taxes that might be important from a corporate accounting stance. Cost levels prevailing in 1993 were assumed. The analysis was prepared in terms of constant real dollars.
4. Federal taxes are based on the 1986 Tax Reform Act and the 1993 revisions. State tax rates are as of 1993.
5. For onshore areas assumed royalty payments to the resource owner amounted to 12.5 percent of gross revenues and for State offshore areas the royalty rate was 16.67 percent.
6. Dry gas (gas without natural gas liquids) prices are assumed to be two-thirds the price of oil when expressed on an energy equivalent basis, where 1 barrel of oil is equivalent to 6,000 cubic feet of gas. The well-head price of natural gas liquids was assumed to be three-fourths the per-barrel price of crude oil.
7. By-product revenues from associated gas and natural gas liquids are credited to the primary products of crude oil or non-associated natural gas in the calculation of incremental cost functions.
8. Resources evaluated for Northern Alaska are based on Lower 48 West Coast prices, ie., that costs included delivery to the US Lower 48 West Coast.

#### *Province incremental cost functions*

Table 2 presents the province level cost functions starting at prices levels of \$9 per barrel (\$1.00 per thousand cubic feet of gas) to rising to \$30 per barrels (\$3.33 per thousand cubic feet of gas). Provinces evaluated but not shown because minimum incremental costs were higher than \$30 per barrel and \$3.33 per thousand cubic feet of gas included Eastern Oregon-Washington (5), Sonoma-Livermore (8)<sup>3</sup>, Idaho-Snake River Downwarp (17), Western Great Basin (18), Southern Arizona-Southwestern New Mexico (25), Southwestern Montana (29), Park Basins (38), Palo Duro Basin (43), Marathon Thrust Belt (46), Cincinnati Arch (66), Blue Ridge Thrust (68), Piedmont (69). The small volumes of assessed technically recoverable resources assigned to Central Alaska (2) also did not warrant further economic evaluation. Data presented in table 2 for Southwest Wyoming province (37) for NGL in conventional oil fields correct Attanasi (1998).

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<sup>3</sup> The small amounts of economic technically recoverable resources are shown for this Sonoma-Livermore province (8) in Attanasi (1998) are incorrect and re-evaluation of this province shows no economically recoverable resources at or below \$30 per barrel or \$3.33 per mcf.

## References

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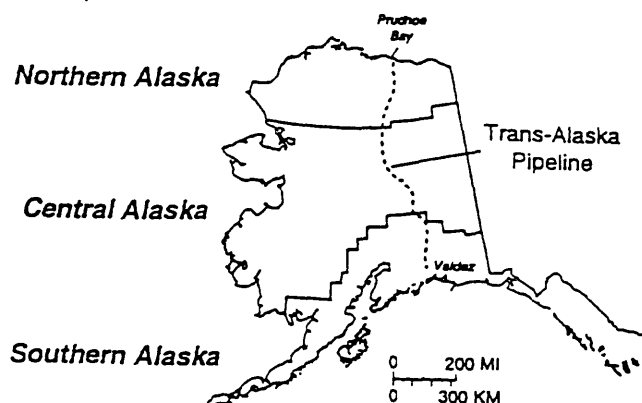
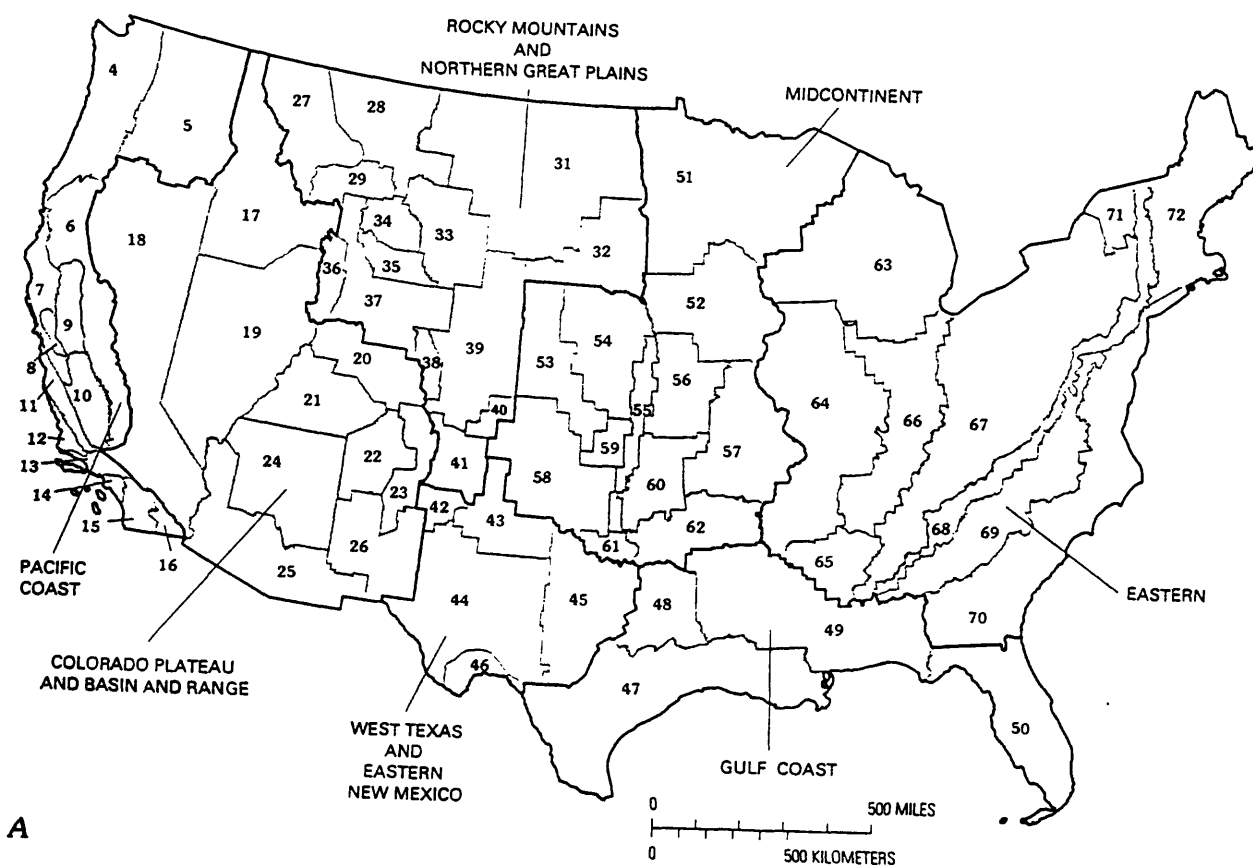


Figure 1. A. Petroleum regions and provinces in onshore and State offshore areas in the conterminous United States. Heavy lines are regional boundaries; lighter lines are province boundaries. B. Petroleum provinces of onshore and State offshore areas of Alaska. Regions and provinces are listed by name and numeric code in Table 1.

Table 1 Mean values of undiscovered technically recoverable oil, gas\*, and natural gas liquids (NGL) in conventional fields, mean value of technically recoverable oil, gas, and NGL in continuous-type accumulations and the mean value of gas in coalbed gas accumulations in onshore and State offshore areas of the United States as of January 1994.\*\* [BBO = billions of barrels of oil, TCF = trillions of cubic feet, BBL = billions of barrels of liquids]

PV. NAME No.	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS						COALBED GAS		
	OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS			GAS ACCUMULATIONS		
	OIL	GAS	NGL	GAS	NGL	BBO	OIL	GAS	NGL	GAS	NGL	TCF	GAS	NGL	TCF
1 Northern Alaska	7.399	5.933	.127	57.620	1.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2 Central Alaska	.063	.063	.000	2.700	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
3 Southern Alaska	.964	.964	.000	1.196	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL REG. 1-Alaska	8.426	6.960	.127	61.516	1.024	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
4 West Oregon-Wash.	0.025	.037	.002	.759	.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.697
5 East. Oregon-Wash.	.000	.000	.000	.392	.001	.000	.000	.000	.000	.000	.000	12.200	.122	.000	.000
7 Northern Coastal	.030	.010	.000	1.074	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
8 Sonoma-Livermore Bs.	.009	.009	.000	.053	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
9 Sacramento Bs.	.002	.000	.000	3.328	.009	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10 San Joaquin Bs.	1.214	2.027	.105	.537	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
11 Central Coastal	.493	.147	.005	.005	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
12 Santa Maria Bs.	.210	.123	.010	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
13 Ventura Basin	1.064	1.064	.034	.834	.033	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
14 Los Angeles Basin	.977	1.605	.056	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL REG. 2-Pacific Coast	4.024	5.022	.212	6.982	.043	.000	.000	.000	.000	.000	.000	12.200	.122	.000	.697
17 Idaho-Snake R. Downwarp	0.001	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18 W. Great Basin	.001	.000	.000	.005	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
19 E. Great Basin	.488	.078	.001	.261	.006	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20 Uinta-Piceance Bs.	.211	1.737	.064	2.791	.012	.094	.028	.000	.000	16.713	.096	10.705	.000	.000	.000
21 Paradox Bs.	.307	.750	.078	1.234	.009	.242	.194	.000	.000	.000	.000	.000	.000	.000	.000
22 San Juan Bs.	.162	.293	.006	.661	.025	.189	.094	.000	.000	21.060	.001	7.196	.000	.000	.000
23 Albuquerque-Santa Fe Rift	.045	.086	.003	.267	.016	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
24 N. Arizona	.065	.041	.002	.133	.013	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
25 S. Ariz.-S.W. New Mexico	.024	.002	.000	.203	.020	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL REG. 3-Colorado Plateau Basin & Range	1.304	2.987	.154	5.567	.101	.525	.316	.000	.000	37.773	.096	18.238	.000	.000	.000

Table 1 continued

PV. PV. NAME NO.	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS						COALBED GAS	
	OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS				
	OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	BBL	TCF	GAS
27 Montana Thrust Belt	0.004	0.004	0.000	1.919	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28 Central Montana	.268	.097	.002	.749	.000	.016	.013	.000	.000	41.270	.000	.000	.000	.000
29 S.W. Montana	.027	.025	.001	.382	.002	.000	.000	.000	.000	.000	.000	.000	.000	.000
31 Williston Bs.	.663	.720	.054	1.003	.125	.151	.128	.000	.000	1.894	.000	.000	.000	.000
33 Powder River Bs.	1.938	1.220	.077	.401	.024	.000	.000	.000	.000	.000	.000	.000	1.107	.000
34 Big Horn Bs.	.387	.069	.002	.553	.011	.000	.000	.000	.000	.000	.000	.000	.000	.000
35 Wind River Bs.	.155	.310	.008	.929	.006	.000	.000	.000	.000	.000	.000	.000	.426	.000
36 Wyoming Thrust Belt	.625	2.459	.383	8.222	.784	.000	.000	.000	.000	.000	.000	.000	.000	.000
37 S.W. Wyoming	.167	.333	.004	1.242	.022	.000	.000	.000	.000	119.171	1.732	.000	3.889	.000
38 Park Bs.	.030	.019	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
39 Denver Bs.	.228	.192	.020	.563	.006	.285	2.325	.000	.000	.831	.000	.000	.000	.000
40 Las Animas Arch	.137	.113	.003	.418	.011	.000	.000	.000	.000	.000	.000	.000	.000	.000
41 Raton B.-Sierra Grande Uplift	.000	.000	.000	.042	.001	.000	.000	.000	.000	.000	.000	.000	1.775	.000
TOTAL REG. 4-Rocky Mt. N. Great Plains	4.629	5.561	.554	16.423	.998	.452	2.466	.000	.000	163.165	1.732	.000	7.196	.000
43 Palo Duro Bs.	.033	.003	.000	.006	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
44 Permian Bs.	2.882	4.294	.441	12.108	.200	.000	.000	.000	.000	.000	.000	.000	.000	.000
45 Bend Arch- Ft. Worth Bs.	.638	.802	.048	1.350	.098	.000	.000	.000	.000	.000	.000	.000	.000	.000
46 Marathon Thrust Belt	.017	.045	.004	.104	.006	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL REG. 5-W.Texas & E. New Mexico	3.570	5.144	.493	1.3568	.304	.000	.000	.000	.000	.000	.000	.000	.000	.000
47 Western Gulf	2.287	6.124	.195	62.287	1.631	1.089	2.633	.000	.000	.000	.000	.000	.000	.000
49 Louisiana-Miss. Salt Bs.	2.685	4.008	.159	25.562	1.340	.000	.000	.000	.000	6.035	.151	.000	.000	.000
50 Florida Peninsula	.419	.040	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL REG. 6-Gulf Coast	5.391	10.172	.354	87.849	2.971	1.089	2.633	.000	.000	6.035	.151	.000	.000	.000

Table 1 continued

PV. NO.	PV. NAME	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS						COALBED GAS	
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS			GAS	
		OIL	GAS	NGL	GAS	NGL	NGL	OIL	GAS	NGL	GAS	NGL	NGL		
		BBO	TCF	BBL	TCF	BBL	BBL	BBO	TCF	BBL	TCF	BBL	BBL	TCF	TCF
51	Superior	0.053	0.032	0.000	0.387	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Cambridge Arch-														
	Central Kansas	.203	.286	.016	.128	.003	.000	.000	.000	.000	.000	.000	.000	.000	.000
55	Nemaha Uplift	.123	.352	.025	.123	.003	.000	.000	.000	.000	.000	.000	.000	.000	.000
56	Forest City Basin	.022	.066	.004	.000	.000	.000	.000	.000	.000	.000	.000	.000	.452	.000
58	Anadarko Basin	.383	1.808	.075	12.398	.143	.000	.000	.000	.000	.000	.000	.000	.000	.000
59	Sedgwick Basin	.061	.165	.014	.134	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	Cherokee Basin	.077	.133	.010	.052	.001	.000	.000	.000	.000	.000	.000	.000	1.914	.000
61	Southern Oklahoma	.241	.385	.019	.629	.007	.000	.000	.000	.000	.000	.000	.000	.000	.000
62	Arkoma Basin	.011	.018	.001	2.477	.093	.000	.000	.000	.000	.000	.000	.000	2.640	.000
	TOTAL REG. 7-Mid-														
	continent	1.174	3.245	.164	16.328	.251	.000	.000	.000	.000	.000	.000	.000	5.006	.000
63	Michigan Basin	1.113	1.995	0.136	4.152	0.146	.000	.000	.000	.000	18.870	.000	.000	.000	.000
64	Illinois Basin	.255	.192	.000	.312	.000	.000	.000	.000	.000	1.889	.000	.000	1.628	.000
65	Black Warrior Basin	.034	.017	.000	2.012	.008	.000	.000	.000	.000	.000	.000	.000	2.303	.000
66	Cincinnati Arch	.018	.018	.000	.000	.000	.000	.000	.000	.000	1.389	.000	.000	.000	.000
67	Appalachian Basin	.106	.121	.001	2.298	.003	.000	.000	.000	.000	61.015	.000	.000	14.846	.000
	Blue Ridge														
	Thrust Belt	.000	.000	.000	.030	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
69	Piedmont	.000	.000	.000	.390	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOTAL REG. 8-Eastern	1.526	2.343	.137	9.194	.157	.000	.000	.000	.000	83.357	.017	.000	18.777	.000
	TOTAL UNITED STATES	30.044	41.434	2.195	217.427	5.849	2.006	5.416	.000	.000	302.530	2.118	.000	49.914	.000

\* Gas quantities are dry and do not include NGL.

\*\* Provinces not listed include the Klamath-Sierra Nevada(6) and Salton Trough(16) where no resources were assigned, South Central New Mexico(26), Sioux Arch(32), Pedernal Uplift(42), Iowa Shelf(52), Ozark Uplift(57) where negligible resources were assessed and the San Diego-Oceanside(15) was assessed by Minerals Management Service. The assessment of the East Texas Basin(48) is included in the values shown for the Louisiana-Mississippi Salt Basins(49) and the assessment for the Salina Basin(54) is included in the values shown for the Sedgwick Basin(59).

Table 2. Estimated economic volumes of oil, gas, and natural gas liquids(NGL) in undiscovered conventional oil and gas fields, in continuous-type accumulations, and coalbed gas accumulations as of January 1994 in onshore and state offshore areas of the United States. [BBO = billions of barrels of oil, BBL = billions of barrels of liquids, TCF = trillions of cubic feet]

Pv. No.	Prices \$/bbl \$/mcf	NORTHERN ALASKA											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	NGL
		BBO	TCF	BBL	TCF	BBL	BBO	TCF	BBL	TCF	BBL	TCF	TCF
1	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	16	1.78	0.320	0.320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	17	1.89	0.402	0.402	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	18	2.00	0.592	0.592	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	19	2.11	0.920	0.878	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	20	2.22	0.964	0.923	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	21	2.33	1.288	1.187	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	22	2.44	1.369	1.242	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	23	2.56	1.626	1.463	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	24	2.67	1.940	1.691	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	25	2.78	2.232	1.937	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	26	2.89	2.463	2.119	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	27	3.00	2.507	2.162	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	28	3.11	2.874	2.448	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	29	3.22	3.099	2.609	0.053	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	30	3.33	3.332	2.777	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	SOUTHERN ALASKA											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	NGL
		BBO	TCF	BBL	TCF	BBL	BBO	TCF	BBL	TCF	BBL	TCF	TCF
3	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	10	1.11	0.063	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	11	1.22	0.068	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	12	1.33	0.117	0.000	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	13	1.44	0.183	0.000	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	14	1.56	0.225	0.000	0.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	15	1.67	0.231	0.000	0.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	16	1.78	0.318	0.000	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	17	1.89	0.319	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	18	2.00	0.320	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	19	2.11	0.386	0.000	0.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	20	2.22	0.388	0.000	0.157	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	21	2.33	0.391	0.000	0.159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	22	2.44	0.408	0.000	0.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	23	2.56	0.437	0.000	0.190	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	24	2.67	0.451	0.000	0.217	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	25	2.78	0.451	0.000	0.218	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	26	2.89	0.456	0.000	0.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	27	3.00	0.465	0.000	0.248	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	28	3.11	0.486	0.000	0.255	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	29	3.22	0.486	0.000	0.260	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	30	3.33	0.496	0.000	0.284	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	WESTERN OREGON-WASHINGTON											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	TCF	BBL	TCF	OIL	GAS	NGL	TCF	BBL	GAS
4	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	16	1.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	17	1.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	18	2.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	19	2.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	20	2.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	21	2.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	22	2.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	23	2.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	24	2.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	25	2.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	26	2.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	27	3.00	0.000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000
4	28	3.11	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	29	3.22	0.000	0.001	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.330
4	30	3.33	0.000	0.001	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.330

TABLE 2. CONTINUED

NORTHERN COASTAL															
Pv. No.	Prices	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS						COALBED GAS	
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS							
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS			
	\$/bbl \$/mcf	BBO	TCF	BBL	TCF	BBL	BBO	TCF	BBL	TCF	BBL	TCF			
7	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	16	1.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	17	1.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	18	2.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	19	2.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	20	2.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
7	21	2.33	0.001	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000			
7	22	2.44	0.001	0.001	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000			
7	23	2.56	0.001	0.001	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000			
7	24	2.67	0.002	0.001	0.000	0.054	0.000	0.000	0.000	0.000	0.000	0.000			
7	25	2.78	0.002	0.001	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000			
7	26	2.89	0.003	0.001	0.000	0.069	0.000	0.000	0.000	0.000	0.000	0.000			
7	27	3.00	0.003	0.001	0.000	0.082	0.000	0.000	0.000	0.000	0.000	0.000			
7	28	3.11	0.003	0.001	0.000	0.082	0.000	0.000	0.000	0.000	0.000	0.000			
7	29	3.22	0.003	0.001	0.000	0.083	0.000	0.000	0.000	0.000	0.000	0.000			
7	30	3.33	0.004	0.001	0.000	0.094	0.000	0.000	0.000	0.000	0.000	0.000			



TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	SACRAMENTO BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS			
		OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	COALBED	GAS		
		BBO	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF
9	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	11	1.22	0.000	0.000	0.111	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	12	1.33	0.000	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	13	1.44	0.000	0.000	0.227	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	14	1.56	0.000	0.000	0.232	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	15	1.67	0.000	0.000	0.379	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	16	1.78	0.000	0.000	0.442	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	17	1.89	0.000	0.000	0.620	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	18	2.00	0.000	0.000	0.740	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	19	2.11	0.000	0.000	0.848	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	20	2.22	0.000	0.000	0.903	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	21	2.33	0.000	0.000	1.012	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	22	2.44	0.000	0.000	1.157	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	23	2.56	0.000	0.000	1.274	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	24	2.67	0.000	0.000	1.325	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	25	2.78	0.000	0.000	1.427	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	26	2.89	0.000	0.000	1.492	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	27	3.00	0.000	0.000	1.523	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	28	3.11	0.000	0.000	1.604	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	29	3.22	0.000	0.000	1.736	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	30	3.33	0.000	0.000	1.779	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

SAN JOAQUIN BASIN													
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS			
		OIL	GAS	NGL	GAS	OIL	GAS	NGL	GAS	NGL	GAS	NGL	GAS
		BBO	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF
10	9	1.00	0.019	0.031	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	10	1.11	0.049	0.079	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	11	1.22	0.096	0.154	0.008	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	12	1.33	0.152	0.243	0.013	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	13	1.44	0.207	0.333	0.017	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	14	1.56	0.273	0.438	0.023	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	15	1.67	0.343	0.551	0.028	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	16	1.78	0.444	0.711	0.037	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	17	1.89	0.499	0.799	0.041	0.125	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	18	2.00	0.549	0.880	0.045	0.138	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	19	2.11	0.591	0.951	0.049	0.152	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	20	2.22	0.629	1.013	0.052	0.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	21	2.33	0.667	1.076	0.055	0.194	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	22	2.44	0.694	1.123	0.058	0.215	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	23	2.56	0.725	1.176	0.061	0.225	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	24	2.67	0.749	1.217	0.063	0.234	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	25	2.78	0.779	1.267	0.065	0.249	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	26	2.89	0.798	1.299	0.067	0.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	27	3.00	0.823	1.346	0.070	0.273	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	28	3.11	0.840	1.374	0.071	0.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	29	3.22	0.860	1.411	0.073	0.296	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	30	3.33	0.884	1.450	0.075	0.302	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	CENTRAL COASTAL BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBO	OIL	GAS	NGL	GAS	NGL	GAS
11	9	1.00	0.030	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	10	1.11	0.044	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	11	1.22	0.061	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	12	1.33	0.073	0.018	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	13	1.44	0.080	0.019	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	14	1.56	0.102	0.025	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	15	1.67	0.120	0.029	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	16	1.78	0.130	0.031	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	17	1.89	0.141	0.034	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	18	2.00	0.149	0.036	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	19	2.11	0.158	0.039	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	20	2.22	0.171	0.043	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	21	2.33	0.177	0.045	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	22	2.44	0.188	0.048	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	23	2.56	0.201	0.052	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	24	2.67	0.214	0.057	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	25	2.78	0.223	0.060	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	26	2.89	0.229	0.062	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	27	3.00	0.237	0.064	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	28	3.11	0.248	0.068	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	29	3.22	0.253	0.070	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	30	3.33	0.263	0.073	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	SANTA MARIA BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
12	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	16	1.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	17	1.89	0.008	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	18	2.00	0.008	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	19	2.11	0.008	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	20	2.22	0.014	0.009	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	21	2.33	0.015	0.009	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	22	2.44	0.015	0.009	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	23	2.56	0.020	0.012	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	24	2.67	0.020	0.012	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	25	2.78	0.025	0.015	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	26	2.89	0.025	0.015	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	27	3.00	0.032	0.020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	28	3.11	0.036	0.022	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	29	3.22	0.039	0.023	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	30	3.33	0.039	0.023	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	VENTURA BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	
		BBO	TCF	BBL	TCF	BBL	BBO	TCF	BBL	TCF	BBL	TCF	
13	9	1.00	0.239	0.008	0.057	0.002	0.000	0.000	0.000	0.000	0.000	0.000	
13	10	1.11	0.267	0.009	0.074	0.003	0.000	0.000	0.000	0.000	0.000	0.000	
13	11	1.22	0.298	0.009	0.104	0.004	0.000	0.000	0.000	0.000	0.000	0.000	
13	12	1.33	0.321	0.010	0.119	0.004	0.000	0.000	0.000	0.000	0.000	0.000	
13	13	1.44	0.342	0.012	0.146	0.006	0.000	0.000	0.000	0.000	0.000	0.000	
13	14	1.56	0.365	0.012	0.172	0.007	0.000	0.000	0.000	0.000	0.000	0.000	
13	15	1.67	0.392	0.013	0.196	0.008	0.000	0.000	0.000	0.000	0.000	0.000	
13	16	1.78	0.415	0.014	0.216	0.009	0.000	0.000	0.000	0.000	0.000	0.000	
13	17	1.89	0.443	0.014	0.242	0.010	0.000	0.000	0.000	0.000	0.000	0.000	
13	18	2.00	0.482	0.016	0.269	0.010	0.000	0.000	0.000	0.000	0.000	0.000	
13	19	2.11	0.501	0.016	0.291	0.012	0.000	0.000	0.000	0.000	0.000	0.000	
13	20	2.22	0.530	0.017	0.319	0.012	0.000	0.000	0.000	0.000	0.000	0.000	
13	21	2.33	0.557	0.018	0.337	0.014	0.000	0.000	0.000	0.000	0.000	0.000	
13	22	2.44	0.578	0.019	0.358	0.014	0.000	0.000	0.000	0.000	0.000	0.000	
13	23	2.56	0.602	0.020	0.375	0.015	0.000	0.000	0.000	0.000	0.000	0.000	
13	24	2.67	0.610	0.020	0.382	0.016	0.000	0.000	0.000	0.000	0.000	0.000	
13	25	2.78	0.632	0.020	0.406	0.016	0.000	0.000	0.000	0.000	0.000	0.000	
13	26	2.89	0.640	0.020	0.414	0.016	0.000	0.000	0.000	0.000	0.000	0.000	
13	27	3.00	0.669	0.022	0.435	0.017	0.000	0.000	0.000	0.000	0.000	0.000	
13	28	3.11	0.676	0.022	0.439	0.017	0.000	0.000	0.000	0.000	0.000	0.000	
13	29	3.22	0.688	0.022	0.450	0.018	0.000	0.000	0.000	0.000	0.000	0.000	
13	30	3.33	0.697	0.023	0.463	0.019	0.000	0.000	0.000	0.000	0.000	0.000	

TABLE 2. CONTINUED

LOS ANGELES BASIN													
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED											
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
		BBO	TCF	BBL	TCF	BBL		BBO	TCF	BBL	TCF	BBL	TCF
14	9	1.00	0.037	0.061	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	10	1.11	0.068	0.112	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	11	1.22	0.122	0.204	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	12	1.33	0.166	0.279	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	13	1.44	0.218	0.364	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	14	1.56	0.280	0.469	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	15	1.67	0.338	0.569	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	16	1.78	0.397	0.667	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	17	1.89	0.441	0.739	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	18	2.00	0.472	0.794	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	19	2.11	0.504	0.846	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	20	2.22	0.523	0.879	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	21	2.33	0.552	0.926	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	22	2.44	0.574	0.961	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	23	2.56	0.582	0.975	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	24	2.67	0.598	1.001	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	25	2.78	0.628	1.050	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	26	2.89	0.639	1.069	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	27	3.00	0.648	1.085	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	28	3.11	0.665	1.112	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	29	3.22	0.671	1.122	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	30	3.33	0.695	1.159	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	EASTERN GREAT BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
		BBO	TCF	BBL	TCF	BBL		BBO	TCF	BBL	TCF	BBL	TCF
19	9	1.00	0.031	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	10	1.11	0.044	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	11	1.22	0.077	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	12	1.33	0.114	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	13	1.44	0.136	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	14	1.56	0.161	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	15	1.67	0.176	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	16	1.78	0.192	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	17	1.89	0.212	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	18	2.00	0.225	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	19	2.11	0.238	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	20	2.22	0.246	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	21	2.33	0.261	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	22	2.44	0.271	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	23	2.56	0.281	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	24	2.67	0.287	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	25	2.78	0.293	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	26	2.89	0.302	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	27	3.00	0.307	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	28	3.11	0.314	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	29	3.22	0.319	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	30	3.33	0.323	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	UINTA-PICEANCE BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	GAS
20	9	1.00	0.113	1.002	0.038	0.088	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	10	1.11	0.114	1.011	0.038	0.119	0.001	0.000	0.000	0.000	0.000	0.000	0.000
20	11	1.22	0.124	1.104	0.042	0.148	0.001	0.000	0.000	0.000	0.000	0.000	0.000
20	12	1.33	0.134	1.173	0.044	0.287	0.001	0.000	0.000	0.000	0.735	0.005	0.000
20	13	1.44	0.137	1.193	0.045	0.383	0.002	0.000	0.000	0.000	0.741	0.005	0.000
20	14	1.56	0.147	1.262	0.047	0.556	0.002	0.000	0.000	0.000	0.744	0.006	0.000
20	15	1.67	0.159	1.300	0.048	0.700	0.003	0.000	0.000	0.000	0.749	0.006	0.000
20	16	1.78	0.153	1.339	0.050	0.842	0.004	0.000	0.000	0.000	1.831	0.014	0.000
20	17	1.89	0.164	1.370	0.051	1.031	0.004	0.000	0.000	0.000	1.836	0.014	3.506
20	18	2.00	0.169	1.395	0.051	1.112	0.005	0.000	0.000	0.000	1.845	0.014	4.229
20	19	2.11	0.172	1.414	0.052	1.186	0.005	0.000	0.000	0.000	1.850	0.014	4.488
20	20	2.22	0.175	1.432	0.053	1.348	0.006	0.000	0.000	0.000	2.031	0.015	4.488
20	21	2.33	0.177	1.451	0.053	1.438	0.006	0.000	0.000	0.000	2.041	0.015	4.488
20	22	2.44	0.181	1.467	0.054	1.486	0.006	0.000	0.000	0.000	2.044	0.015	4.488
20	23	2.56	0.183	1.483	0.054	1.536	0.007	0.000	0.000	0.000	2.048	0.015	4.548
20	24	2.67	0.184	1.488	0.055	1.650	0.007	0.000	0.000	0.000	2.052	0.015	4.548
20	25	2.78	0.186	1.502	0.055	1.706	0.007	0.000	0.000	0.000	2.054	0.015	5.773
20	26	2.89	0.187	1.512	0.055	1.766	0.008	0.000	0.000	0.000	2.057	0.015	5.773
20	27	3.00	0.188	1.516	0.056	1.782	0.008	0.000	0.000	0.000	2.070	0.015	6.151
20	28	3.11	0.191	1.534	0.056	1.824	0.008	0.000	0.000	0.000	2.140	0.016	7.954
20	29	3.22	0.192	1.542	0.056	1.950	0.008	0.000	0.000	0.000	2.144	0.016	8.506
20	30	3.33	0.193	1.546	0.056	1.963	0.009	0.000	0.000	0.000	2.146	0.016	8.506



TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	PARADOX BASIN									
		CONVENTIONAL UNDISCOVERED					CONTINUOUS-TYPE ACCUMULATIONS				
		OIL FIELDS		GAS FIELDS		OIL FIELDS		GAS FIELDS		OIL FIELDS	
		OIL	GAS	NGL	TCF	OIL	GAS	NGL	TCF	OIL	GAS
		BBO	TCF	BBL	TCF	BBO	GAS	BBL	TCF	BBO	TCF
21	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	10	1.11	0.005	0.001	0.008	0.000	0.000	0.000	0.000	0.000	0.000
21	11	1.22	0.020	0.004	0.034	0.000	0.000	0.000	0.000	0.000	0.000
21	12	1.33	0.026	0.005	0.042	0.000	0.000	0.000	0.000	0.000	0.000
21	13	1.44	0.034	0.007	0.063	0.000	0.000	0.000	0.000	0.000	0.000
21	14	1.56	0.051	0.011	0.105	0.000	0.000	0.000	0.000	0.000	0.000
21	15	1.67	0.066	0.014	0.133	0.000	0.000	0.000	0.000	0.000	0.000
21	16	1.78	0.081	0.018	0.169	0.000	0.000	0.000	0.000	0.000	0.000
21	17	1.89	0.092	0.020	0.194	0.000	0.000	0.000	0.000	0.000	0.000
21	18	2.00	0.099	0.022	0.213	0.000	0.000	0.000	0.000	0.000	0.000
21	19	2.11	0.115	0.026	0.260	0.000	0.000	0.000	0.000	0.000	0.000
21	20	2.22	0.123	0.028	0.284	0.000	0.000	0.000	0.000	0.000	0.000
21	21	2.33	0.131	0.030	0.304	0.000	0.000	0.000	0.000	0.000	0.000
21	22	2.44	0.142	0.033	0.334	0.000	0.000	0.000	0.000	0.000	0.000
21	23	2.56	0.147	0.034	0.349	0.002	0.166	0.000	0.000	0.000	0.000
21	24	2.67	0.157	0.037	0.392	0.002	0.166	0.000	0.000	0.000	0.000
21	25	2.78	0.166	0.039	0.410	0.002	0.166	0.000	0.000	0.000	0.000
21	26	2.89	0.173	0.040	0.431	0.002	0.166	0.000	0.000	0.000	0.000
21	27	3.00	0.177	0.041	0.454	0.002	0.166	0.000	0.000	0.000	0.000
21	28	3.11	0.181	0.043	0.468	0.002	0.166	0.000	0.000	0.000	0.000
21	29	3.22	0.187	0.044	0.487	0.002	0.166	0.000	0.000	0.000	0.000
21	30	3.33	0.188	0.045	0.492	0.002	0.180	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

SAN JUAN BASIN													
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS			
		OIL	GAS	NGL	GAS	OIL	GAS	NGL	GAS	NGL	GAS		
		BBO	TCF	BBL	TCF	BBO	TCF	BBL	TCF	BBL	TCF	BBL	TCF
22	9	1.00	0.006	0.012	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	3.329
22	10	1.11	0.011	0.024	0.000	0.033	0.001	0.000	0.000	0.000	8.137	0.000	3.329
22	11	1.22	0.021	0.046	0.001	0.071	0.002	0.000	0.000	0.000	8.172	0.000	3.329
22	12	1.33	0.028	0.061	0.001	0.096	0.003	0.000	0.000	0.000	8.188	0.000	3.329
22	13	1.44	0.038	0.080	0.001	0.141	0.005	0.000	0.000	0.000	8.210	0.000	3.329
22	14	1.56	0.049	0.102	0.002	0.164	0.006	0.000	0.000	0.000	8.217	0.000	3.329
22	15	1.67	0.055	0.113	0.002	0.205	0.007	0.000	0.066	0.000	8.224	0.000	4.995
22	16	1.78	0.060	0.122	0.002	0.224	0.008	0.000	0.066	0.000	8.231	0.000	5.970
22	17	1.89	0.073	0.146	0.002	0.256	0.009	0.000	0.072	0.000	8.237	0.000	5.970
22	18	2.00	0.079	0.154	0.003	0.294	0.011	0.000	0.072	0.000	8.749	0.000	5.970
22	19	2.11	0.085	0.165	0.003	0.320	0.012	0.000	0.072	0.000	8.753	0.000	5.970
22	20	2.22	0.088	0.168	0.003	0.346	0.013	0.000	0.072	0.000	8.762	0.000	5.970
22	21	2.33	0.095	0.183	0.003	0.360	0.013	0.000	0.072	0.000	8.767	0.000	5.970
22	22	2.44	0.104	0.195	0.004	0.388	0.014	0.000	0.072	0.000	11.439	0.001	5.970
22	23	2.56	0.106	0.198	0.004	0.394	0.015	0.000	0.073	0.000	11.447	0.001	5.970
22	24	2.67	0.109	0.203	0.004	0.408	0.015	0.000	0.073	0.000	11.458	0.001	5.970
22	25	2.78	0.112	0.207	0.004	0.435	0.016	0.000	0.073	0.000	11.464	0.001	5.970
22	26	2.89	0.114	0.209	0.004	0.441	0.017	0.000	0.073	0.000	11.471	0.001	5.970
22	27	3.00	0.120	0.221	0.004	0.450	0.017	0.000	0.073	0.000	11.664	0.001	5.970
22	28	3.11	0.121	0.223	0.004	0.458	0.017	0.000	0.073	0.000	11.672	0.001	7.195
22	29	3.22	0.125	0.228	0.004	0.463	0.018	0.000	0.073	0.000	11.675	0.001	7.267
22	30	3.33	0.127	0.231	0.004	0.481	0.018	0.000	0.074	0.000	11.681	0.001	7.267

TABLE 2. CONTINUED

ALBUQUERQUE-SANTA FE RIFT													
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS			
		OIL	GAS	NGL	TCF	BBL	TCF	BBL	TCF	NGL	TCF	BBL	TCF
23	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	16	1.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	17	1.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	18	2.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	19	2.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	20	2.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	21	2.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	22	2.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	23	2.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	24	2.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	25	2.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	26	2.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	27	3.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	28	3.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	29	3.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	30	3.33	0.002	0.003	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	NORTHERN ARIZONA											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
		BBO	TCF	BBL	TCF	BBL		BBO	TCF	BBL	TCF	BBL	TCF
24	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	16	1.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	17	1.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	18	2.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	19	2.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24	20	2.22	0.003	0.002	0.000	0.007	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	21	2.33	0.003	0.002	0.000	0.007	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	22	2.44	0.003	0.002	0.000	0.007	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	23	2.56	0.003	0.002	0.000	0.007	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	24	2.67	0.003	0.002	0.000	0.007	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	25	2.78	0.005	0.003	0.000	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	26	2.89	0.005	0.003	0.000	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	27	3.00	0.005	0.003	0.000	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	28	3.11	0.005	0.003	0.000	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	29	3.22	0.007	0.004	0.000	0.013	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	30	3.33	0.007	0.004	0.000	0.013	0.001	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	MONTANA THRUST BELT											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	BBO	TCF	NGL	BBL	TCF	OIL	BBO	TCF	NGL	BBL	TCF
27	9	1.00	0.000	0.000	0.000	0.235	0.001	0.000	0.000	0.000	0.000	0.000	0.000
27	10	1.11	0.000	0.000	0.000	0.241	0.001	0.000	0.000	0.000	0.000	0.000	0.000
27	11	1.22	0.000	0.000	0.000	0.532	0.002	0.000	0.000	0.000	0.000	0.000	0.000
27	12	1.33	0.000	0.000	0.000	0.538	0.002	0.000	0.000	0.000	0.000	0.000	0.000
27	13	1.44	0.000	0.000	0.000	0.657	0.002	0.000	0.000	0.000	0.000	0.000	0.000
27	14	1.56	0.000	0.000	0.000	0.657	0.002	0.000	0.000	0.000	0.000	0.000	0.000
27	15	1.67	0.000	0.000	0.000	0.750	0.002	0.000	0.000	0.000	0.000	0.000	0.000
27	16	1.78	0.000	0.000	0.000	0.837	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	17	1.89	0.000	0.000	0.000	0.840	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	18	2.00	0.001	0.000	0.000	0.914	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	19	2.11	0.001	0.001	0.000	0.982	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	20	2.22	0.001	0.001	0.000	0.982	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	21	2.33	0.001	0.001	0.000	0.983	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	22	2.44	0.001	0.001	0.000	1.039	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	23	2.56	0.001	0.001	0.000	1.092	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	24	2.67	0.001	0.001	0.000	1.092	0.003	0.000	0.000	0.000	0.000	0.000	0.000
27	25	2.78	0.001	0.001	0.000	1.134	0.004	0.000	0.000	0.000	0.000	0.000	0.000
27	26	2.89	0.001	0.001	0.000	1.180	0.004	0.000	0.000	0.000	0.000	0.000	0.000
27	27	3.00	0.001	0.001	0.000	1.181	0.004	0.000	0.000	0.000	0.000	0.000	0.000
27	28	3.11	0.001	0.001	0.000	1.182	0.004	0.000	0.000	0.000	0.000	0.000	0.000
27	29	3.22	0.001	0.001	0.000	1.218	0.004	0.000	0.000	0.000	0.000	0.000	0.000
27	30	3.33	0.001	0.001	0.000	1.254	0.004	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	CENTRAL MONTANA											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBO	GAS	NGL	TCF	GAS	NGL	TCF
28	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	14	1.56	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	15	1.67	0.015	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28	16	1.78	0.021	0.007	0.000	0.000	0.000	0.000	0.000	0.000	4.395	0.000	0.000
28	17	1.89	0.025	0.009	0.000	0.000	0.070	0.000	0.000	0.000	5.012	0.000	0.000
28	18	2.00	0.033	0.012	0.000	0.000	0.092	0.000	0.000	0.000	5.012	0.000	0.000
28	19	2.11	0.042	0.015	0.000	0.000	0.121	0.000	0.000	0.000	5.012	0.000	0.000
28	20	2.22	0.052	0.019	0.000	0.000	0.150	0.000	0.000	0.000	5.020	0.000	0.000
28	21	2.33	0.060	0.021	0.001	0.000	0.183	0.000	0.000	0.000	5.020	0.000	0.000
28	22	2.44	0.071	0.026	0.001	0.000	0.204	0.000	0.000	0.000	5.020	0.000	0.000
28	23	2.56	0.078	0.028	0.001	0.000	0.225	0.000	0.000	0.000	5.020	0.000	0.000
28	24	2.67	0.086	0.031	0.001	0.000	0.264	0.000	0.000	0.000	5.030	0.000	0.000
28	25	2.78	0.091	0.033	0.001	0.000	0.277	0.000	0.000	0.000	5.040	0.000	0.000
28	26	2.89	0.096	0.035	0.001	0.000	0.297	0.000	0.000	0.000	5.059	0.000	0.000
28	27	3.00	0.107	0.038	0.001	0.000	0.309	0.000	0.000	0.000	5.068	0.000	0.000
28	28	3.11	0.112	0.040	0.001	0.000	0.325	0.000	0.000	0.000	5.238	0.000	0.000
28	29	3.22	0.117	0.042	0.001	0.000	0.361	0.000	0.000	0.000			
28	30	3.33	0.121	0.043	0.001	0.000	0.373	0.000	0.000	0.000	5.241	0.000	0.000

TABLE 2. CONTINUED

WILLISTON BASIN													
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS			
		OIL	GAS	NGL	GAS	OIL	GAS	NGL	GAS	NGL	GAS		
		BBO	TCF	BBL	TCF	BBO	TCF	BBL	TCF	BBL	TCF		
31	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	12	1.33	0.013	0.016	0.001	0.054	0.008	0.000	0.000	0.000	0.000	0.000	0.000
31	13	1.44	0.013	0.016	0.001	0.061	0.008	0.000	0.000	0.000	0.000	0.000	0.000
31	14	1.56	0.029	0.034	0.003	0.103	0.014	0.000	0.000	0.000	0.000	0.000	0.000
31	15	1.67	0.054	0.063	0.005	0.173	0.024	0.000	0.000	0.000	0.000	0.000	0.000
31	16	1.78	0.086	0.098	0.007	0.202	0.029	0.000	0.000	0.000	0.000	0.000	0.000
31	17	1.89	0.106	0.121	0.009	0.246	0.035	0.000	0.000	0.000	0.000	0.000	0.000
31	18	2.00	0.130	0.146	0.011	0.270	0.038	0.000	0.000	0.000	0.000	0.000	0.000
31	19	2.11	0.160	0.178	0.013	0.351	0.050	0.000	0.000	0.000	0.000	0.000	0.000
31	20	2.22	0.173	0.193	0.014	0.365	0.052	0.000	0.000	0.000	0.000	0.000	0.000
31	21	2.33	0.193	0.213	0.016	0.389	0.055	0.000	0.000	0.000	0.000	0.000	0.000
31	22	2.44	0.220	0.241	0.018	0.401	0.057	0.000	0.000	0.000	0.000	0.000	0.000
31	23	2.56	0.253	0.280	0.021	0.416	0.060	0.000	0.000	0.000	0.000	0.000	0.000
31	24	2.67	0.264	0.291	0.022	0.428	0.061	0.000	0.000	0.000	0.000	0.000	0.000
31	25	2.78	0.279	0.307	0.023	0.494	0.071	0.000	0.000	0.000	0.000	0.000	0.000
31	26	2.89	0.287	0.316	0.023	0.502	0.072	0.000	0.000	0.000	0.000	0.000	0.000
31	27	3.00	0.320	0.355	0.026	0.515	0.074	0.000	0.000	0.000	0.000	0.000	0.000
31	28	3.11	0.348	0.383	0.028	0.522	0.075	0.000	0.000	0.000	0.000	0.000	0.000
31	29	3.22	0.358	0.394	0.029	0.531	0.076	0.000	0.000	0.000	0.000	0.000	0.000
31	30	3.33	0.368	0.405	0.030	0.540	0.077	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	POWDER RIVER BASIN													
		CONVENTIONAL UNDISCOVERED							CONTINUOUS-TYPE ACCUMULATIONS						
		OIL FIELDS			GAS FIELDS				OIL ACCUMULATIONS				GAS ACCUMULATIONS		
		OIL	GAS	NGL	TCF	BBL	TCF	BBL	OIL	GAS	NGL	TCF	BBL	GAS	NGL
33	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	12	1.33	0.030	0.019	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	13	1.44	0.136	0.083	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	14	1.56	0.233	0.141	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	15	1.67	0.367	0.222	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	16	1.78	0.458	0.277	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	17	1.89	0.536	0.324	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	18	2.00	0.666	0.400	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	19	2.11	0.728	0.439	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	20	2.22	0.788	0.475	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	21	2.33	0.819	0.495	0.031	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	22	2.44	0.931	0.559	0.035	0.012	0.012	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	23	2.56	0.971	0.585	0.037	0.023	0.023	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	24	2.67	0.999	0.603	0.038	0.033	0.033	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.534
33	25	2.78	1.028	0.621	0.039	0.044	0.044	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.534
33	26	2.89	1.052	0.637	0.040	0.054	0.054	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.534
33	27	3.00	1.105	0.674	0.042	0.060	0.060	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.534
33	28	3.11	1.202	0.729	0.046	0.067	0.067	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.534
33	29	3.22	1.224	0.745	0.047	0.073	0.073	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.534
33	30	3.33	1.242	0.756	0.047	0.078	0.078	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.534



TABLE 2. CONTINUED

BIG HORN BASIN													
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS			
		OIL	GAS	NGL	BBL	TCF	BBL	OIL	GAS	NGL	TCF	BBL	TCF
34	9	1.00	0.064	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	10	1.11	0.094	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	11	1.22	0.108	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	12	1.33	0.123	0.009	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	13	1.44	0.138	0.011	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	14	1.56	0.155	0.014	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	15	1.67	0.162	0.015	0.000	0.041	0.001	0.000	0.000	0.000	0.000	0.000	0.000
34	16	1.78	0.193	0.022	0.001	0.051	0.001	0.000	0.000	0.000	0.000	0.000	0.000
34	17	1.89	0.215	0.026	0.001	0.080	0.001	0.000	0.000	0.000	0.000	0.000	0.000
34	18	2.00	0.229	0.030	0.001	0.106	0.001	0.000	0.000	0.000	0.000	0.000	0.000
34	19	2.11	0.240	0.032	0.001	0.125	0.002	0.000	0.000	0.000	0.000	0.000	0.000
34	20	2.22	0.254	0.035	0.001	0.138	0.002	0.000	0.000	0.000	0.000	0.000	0.000
34	21	2.33	0.259	0.037	0.001	0.149	0.002	0.000	0.000	0.000	0.000	0.000	0.000
34	22	2.44	0.268	0.040	0.001	0.178	0.003	0.000	0.000	0.000	0.000	0.000	0.000
34	23	2.56	0.273	0.041	0.001	0.202	0.003	0.000	0.000	0.000	0.000	0.000	0.000
34	24	2.67	0.284	0.043	0.001	0.210	0.003	0.000	0.000	0.000	0.000	0.000	0.000
34	25	2.78	0.292	0.045	0.001	0.217	0.003	0.000	0.000	0.000	0.000	0.000	0.000
34	26	2.89	0.296	0.046	0.001	0.223	0.004	0.000	0.000	0.000	0.000	0.000	0.000
34	27	3.00	0.299	0.047	0.001	0.253	0.004	0.000	0.000	0.000	0.000	0.000	0.000
34	28	3.11	0.302	0.048	0.001	0.260	0.004	0.000	0.000	0.000	0.000	0.000	0.000
34	29	3.22	0.305	0.049	0.001	0.265	0.004	0.000	0.000	0.000	0.000	0.000	0.000
34	30	3.33	0.317	0.051	0.001	0.285	0.005	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	WIND RIVER BASIN													
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS							
		OIL FIELDS		GAS FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS	
		OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS
		BBO	TCF	BBL	TCF	BBL	TCF	BBO	TCF	BBL	TCF	BBL	TCF	BBL	TCF
35	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	10	1.11	0.013	0.041	0.001	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	11	1.22	0.013	0.042	0.001	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	12	1.33	0.013	0.042	0.001	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	13	1.44	0.022	0.070	0.002	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	14	1.56	0.030	0.095	0.003	0.062	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	15	1.67	0.030	0.095	0.003	0.062	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	16	1.78	0.036	0.113	0.003	0.074	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	17	1.89	0.037	0.115	0.003	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	18	2.00	0.048	0.134	0.004	0.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	19	2.11	0.052	0.147	0.004	0.146	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	20	2.22	0.052	0.148	0.004	0.146	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	21	2.33	0.058	0.155	0.004	0.177	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	22	2.44	0.063	0.159	0.004	0.209	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35	23	2.56	0.070	0.171	0.005	0.243	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.349
35	24	2.67	0.072	0.180	0.005	0.254	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.349
35	25	2.78	0.077	0.185	0.005	0.278	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.349
35	26	2.89	0.080	0.188	0.005	0.299	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.349
35	27	3.00	0.083	0.197	0.005	0.306	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.398
35	28	3.11	0.085	0.199	0.005	0.326	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.398
35	29	3.22	0.087	0.201	0.005	0.340	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.398
35	30	3.33	0.088	0.201	0.005	0.343	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.398

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	WYOMING THRUST BELT											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	TCF
36	9	1.00	0.346	1.453	0.227	4.326	0.432	0.000	0.000	0.000	0.000	0.000	0.000
36	10	1.11	0.386	1.612	0.252	4.882	0.486	0.000	0.000	0.000	0.000	0.000	0.000
36	11	1.22	0.419	1.740	0.272	5.288	0.522	0.000	0.000	0.000	0.000	0.000	0.000
36	12	1.33	0.434	1.798	0.281	5.528	0.545	0.000	0.000	0.000	0.000	0.000	0.000
36	13	1.44	0.456	1.877	0.293	5.908	0.578	0.000	0.000	0.000	0.000	0.000	0.000
36	14	1.56	0.468	1.920	0.300	6.034	0.588	0.000	0.000	0.000	0.000	0.000	0.000
36	15	1.67	0.477	1.956	0.305	6.179	0.601	0.000	0.000	0.000	0.000	0.000	0.000
36	16	1.78	0.493	2.010	0.314	6.334	0.615	0.000	0.000	0.000	0.000	0.000	0.000
36	17	1.89	0.501	2.038	0.318	6.491	0.629	0.000	0.000	0.000	0.000	0.000	0.000
36	18	2.00	0.506	2.055	0.321	6.576	0.635	0.000	0.000	0.000	0.000	0.000	0.000
36	19	2.11	0.515	2.087	0.326	6.634	0.640	0.000	0.000	0.000	0.000	0.000	0.000
36	20	2.22	0.524	2.118	0.330	6.732	0.649	0.000	0.000	0.000	0.000	0.000	0.000
36	21	2.33	0.531	2.144	0.334	6.824	0.659	0.000	0.000	0.000	0.000	0.000	0.000
36	22	2.44	0.535	2.157	0.336	6.890	0.665	0.000	0.000	0.000	0.000	0.000	0.000
36	23	2.56	0.540	2.173	0.339	6.948	0.670	0.000	0.000	0.000	0.000	0.000	0.000
36	24	2.67	0.544	2.189	0.342	6.998	0.674	0.000	0.000	0.000	0.000	0.000	0.000
36	25	2.78	0.549	2.204	0.344	7.054	0.679	0.000	0.000	0.000	0.000	0.000	0.000
36	26	2.89	0.554	2.222	0.347	7.089	0.682	0.000	0.000	0.000	0.000	0.000	0.000
36	27	3.00	0.555	2.226	0.348	7.140	0.688	0.000	0.000	0.000	0.000	0.000	0.000
36	28	3.11	0.558	2.234	0.348	7.169	0.691	0.000	0.000	0.000	0.000	0.000	0.000
36	29	3.22	0.561	2.245	0.350	7.212	0.694	0.000	0.000	0.000	0.000	0.000	0.000
36	30	3.33	0.565	2.262	0.353	7.237	0.697	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	SOUTHWEST WYOMING									
		CONVENTIONAL UNDISCOVERED					CONTINUOUS-TYPE ACCUMULATIONS				
		OIL FIELDS		GAS FIELDS		GAS FIELDS		OIL FIELDS		GAS FIELDS	
		OIL	BBO	GAS	TCF	NGL	BBL	OIL	BBO	GAS	TCF
37	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	14	1.56	0.006	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	15	1.67	0.010	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	16	1.78	0.016	0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37	17	1.89	0.019	0.051	0.001	0.000	0.000	0.000	0.000	0.000	0.000
37	18	2.00	0.023	0.053	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	19	2.11	0.028	0.071	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	20	2.22	0.034	0.081	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	21	2.33	0.042	0.098	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	22	2.44	0.047	0.113	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	23	2.56	0.052	0.121	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	24	2.67	0.055	0.127	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	25	2.78	0.061	0.136	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	26	2.89	0.063	0.142	0.001	0.001	0.000	0.000	0.000	0.000	0.000
37	27	3.00	0.070	0.156	0.002	0.002	0.000	0.000	0.000	0.000	0.000
37	28	3.11	0.072	0.157	0.002	0.002	0.000	0.000	0.000	0.000	0.000
37	29	3.22	0.078	0.168	0.002	0.002	0.000	0.000	0.000	0.000	0.000
37	30	3.33	0.079	0.172	0.002	0.002	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

DENVER BASIN														
			CONVENTIONAL UNDISCOVERED					CONTINUOUS-TYPE ACCUMULATIONS					COALBED GAS	
Pv. No.	Prices		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS					
			OIL	GAS	NGL	TCF	BBL	OIL	GAS	NGL	GAS	NGL	GAS	
	\$/bbl	\$/mcf	BBO	TCF	BBL	TCF	BBL	BBO	TCF	BBL	TCF	BBL	TCF	
39	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	16	1.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	17	1.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	18	2.00	0.004	0.003	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	19	2.11	0.013	0.009	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	20	2.22	0.016	0.012	0.001	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39	21	2.33	0.022	0.016	0.001	0.012	0.001	0.035	0.343	0.000	0.000	0.000	0.000	
39	22	2.44	0.026	0.020	0.002	0.024	0.001	0.035	0.344	0.000	0.000	0.000	0.000	
39	23	2.56	0.031	0.025	0.002	0.041	0.001	0.035	0.344	0.000	0.000	0.000	0.000	
39	24	2.67	0.036	0.030	0.003	0.058	0.001	0.035	0.348	0.000	0.608	0.000	0.000	
39	25	2.78	0.040	0.033	0.003	0.069	0.001	0.035	0.349	0.000	0.613	0.000	0.000	
39	26	2.89	0.045	0.038	0.004	0.079	0.001	0.035	0.349	0.000	0.614	0.000	0.000	
39	27	3.00	0.057	0.047	0.005	0.090	0.001	0.035	0.350	0.000	0.622	0.000	0.000	
39	28	3.11	0.066	0.054	0.005	0.105	0.002	0.040	0.397	0.000	0.623	0.000	0.000	
39	29	3.22	0.073	0.060	0.006	0.115	0.002	0.040	0.397	0.000	0.623	0.000	0.000	
39	30	3.33	0.077	0.063	0.006	0.124	0.002	0.040	0.398	0.000	0.631	0.000	0.000	

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	LAS ANIMAS ARCH											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	OIL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS
		BBO	TCF	BBL	TCF	BBL	BBL	BBO	TCF	BBL	TCF	BBL	TCF
40	9	1.00	0.028	0.024	0.001	0.069	0.002	0.000	0.000	0.000	0.000	0.000	0.000
40	10	1.11	0.040	0.034	0.001	0.107	0.003	0.000	0.000	0.000	0.000	0.000	0.000
40	11	1.22	0.050	0.042	0.001	0.142	0.004	0.000	0.000	0.000	0.000	0.000	0.000
40	12	1.33	0.061	0.051	0.001	0.173	0.004	0.000	0.000	0.000	0.000	0.000	0.000
40	13	1.44	0.065	0.054	0.001	0.186	0.005	0.000	0.000	0.000	0.000	0.000	0.000
40	14	1.56	0.071	0.060	0.002	0.214	0.006	0.000	0.000	0.000	0.000	0.000	0.000
40	15	1.67	0.078	0.065	0.002	0.226	0.006	0.000	0.000	0.000	0.000	0.000	0.000
40	16	1.78	0.085	0.071	0.002	0.245	0.006	0.000	0.000	0.000	0.000	0.000	0.000
40	17	1.89	0.088	0.073	0.002	0.258	0.007	0.000	0.000	0.000	0.000	0.000	0.000
40	18	2.00	0.092	0.077	0.002	0.275	0.007	0.000	0.000	0.000	0.000	0.000	0.000
40	19	2.11	0.098	0.081	0.002	0.282	0.007	0.000	0.000	0.000	0.000	0.000	0.000
40	20	2.22	0.100	0.083	0.002	0.289	0.008	0.000	0.000	0.000	0.000	0.000	0.000
40	21	2.33	0.102	0.084	0.002	0.302	0.008	0.000	0.000	0.000	0.000	0.000	0.000
40	22	2.44	0.103	0.085	0.002	0.308	0.008	0.000	0.000	0.000	0.000	0.000	0.000
40	23	2.56	0.105	0.087	0.002	0.313	0.008	0.000	0.000	0.000	0.000	0.000	0.000
40	24	2.67	0.108	0.089	0.002	0.319	0.008	0.000	0.000	0.000	0.000	0.000	0.000
40	25	2.78	0.109	0.090	0.002	0.319	0.008	0.000	0.000	0.000	0.000	0.000	0.000
40	26	2.89	0.112	0.093	0.002	0.330	0.009	0.000	0.000	0.000	0.000	0.000	0.000
40	27	3.00	0.112	0.093	0.002	0.330	0.009	0.000	0.000	0.000	0.000	0.000	0.000
40	28	3.11	0.113	0.094	0.002	0.338	0.009	0.000	0.000	0.000	0.000	0.000	0.000
40	29	3.22	0.114	0.094	0.002	0.342	0.009	0.000	0.000	0.000	0.000	0.000	0.000
40	30	3.33	0.116	0.096	0.002	0.346	0.009	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

RATON BASIN-SIERRA GRANDE UPLIFT															
Pv. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS						COALBED GAS	
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS			GAS	
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL			
41	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
41	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
41	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
41	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.528	0.000	
41	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.528	0.000	
41	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.528	0.000	
41	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.708	0.000	
41	16	1.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.782	0.000	
41	17	1.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.782	0.000	
41	18	2.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.782	0.000	
41	19	2.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.826	0.000	
41	20	2.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.826	0.000	
41	21	2.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.826	0.000	
41	22	2.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.826	0.000	
41	23	2.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.826	0.000	
41	24	2.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.826	0.000	
41	25	2.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.826	0.000	
41	26	2.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.686	0.000	
41	27	3.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.686	0.000	
41	28	3.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.709	0.000	
41	29	3.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.709	0.000	
41	30	3.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.709	0.000	

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	PERMIAN BASIN									
		CONVENTIONAL UNDISCOVERED					CONTINUOUS-TYPE ACCUMULATIONS				
		OIL FIELDS		GAS FIELDS		OIL BBO	OIL ACCUMULATIONS		GAS TCF	GAS ACCUMULATIONS	
		OIL	GAS	NGL	NGL		OIL	GAS		NGL	GAS
		BBO	TCF	BBL	TCF	BBL	BBO	TCF	BBL	TCF	BBL
44	9	1.00	0.571	0.857	0.089	1.533	0.034	0.000	0.000	0.000	0.000
44	10	1.11	0.804	1.207	0.125	2.272	0.050	0.000	0.000	0.000	0.000
44	11	1.22	1.040	1.558	0.161	3.003	0.065	0.000	0.000	0.000	0.000
44	12	1.33	1.254	1.879	0.194	3.553	0.076	0.000	0.000	0.000	0.000
44	13	1.44	1.408	2.107	0.217	4.040	0.086	0.000	0.000	0.000	0.000
44	14	1.56	1.572	2.352	0.243	4.512	0.096	0.000	0.000	0.000	0.000
44	15	1.67	1.666	2.493	0.257	4.914	0.103	0.000	0.000	0.000	0.000
44	16	1.78	1.744	2.608	0.269	5.270	0.109	0.000	0.000	0.000	0.000
44	17	1.89	1.848	2.760	0.284	5.546	0.113	0.000	0.000	0.000	0.000
44	18	2.00	1.950	2.914	0.300	5.889	0.120	0.000	0.000	0.000	0.000
44	19	2.11	2.003	2.992	0.308	6.269	0.126	0.000	0.000	0.000	0.000
44	20	2.22	2.073	3.092	0.318	6.478	0.130	0.000	0.000	0.000	0.000
44	21	2.33	2.134	3.182	0.327	6.670	0.135	0.000	0.000	0.000	0.000
44	22	2.44	2.169	3.234	0.333	6.847	0.138	0.000	0.000	0.000	0.000
44	23	2.56	2.204	3.285	0.338	7.060	0.143	0.000	0.000	0.000	0.000
44	24	2.67	2.269	3.384	0.348	7.328	0.145	0.000	0.000	0.000	0.000
44	25	2.78	2.295	3.421	0.352	7.489	0.149	0.000	0.000	0.000	0.000
44	26	2.89	2.326	3.468	0.357	7.786	0.151	0.000	0.000	0.000	0.000
44	27	3.00	2.371	3.530	0.363	7.945	0.153	0.000	0.000	0.000	0.000
44	28	3.11	2.389	3.557	0.366	8.074	0.154	0.000	0.000	0.000	0.000
44	29	3.22	2.406	3.583	0.368	8.199	0.154	0.000	0.000	0.000	0.000
44	30	3.33	2.421	3.604	0.371	8.300	0.156	0.000	0.000	0.000	0.000



TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	BEND ARCH-FT WORTH BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS			
		OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS
		BBO	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF
45	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	14	1.56	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45	15	1.67	0.022	0.024	0.001	0.054	0.021	0.001	0.000	0.000	0.000	0.000	0.000
45	16	1.78	0.034	0.037	0.002	0.091	0.007	0.000	0.000	0.000	0.000	0.000	0.000
45	17	1.89	0.049	0.058	0.003	0.135	0.010	0.000	0.000	0.000	0.000	0.000	0.000
45	18	2.00	0.072	0.086	0.005	0.181	0.013	0.000	0.000	0.000	0.000	0.000	0.000
45	19	2.11	0.086	0.104	0.006	0.218	0.016	0.000	0.000	0.000	0.000	0.000	0.000
45	20	2.22	0.101	0.123	0.007	0.257	0.019	0.000	0.000	0.000	0.000	0.000	0.000
45	21	2.33	0.123	0.148	0.009	0.311	0.022	0.000	0.000	0.000	0.000	0.000	0.000
45	22	2.44	0.164	0.198	0.012	0.367	0.027	0.000	0.000	0.000	0.000	0.000	0.000
45	23	2.56	0.185	0.224	0.013	0.418	0.030	0.000	0.000	0.000	0.000	0.000	0.000
45	24	2.67	0.203	0.245	0.015	0.456	0.033	0.000	0.000	0.000	0.000	0.000	0.000
45	25	2.78	0.223	0.270	0.016	0.504	0.036	0.000	0.000	0.000	0.000	0.000	0.000
45	26	2.89	0.242	0.295	0.018	0.550	0.040	0.000	0.000	0.000	0.000	0.000	0.000
45	27	3.00	0.260	0.317	0.019	0.592	0.043	0.000	0.000	0.000	0.000	0.000	0.000
45	28	3.11	0.290	0.354	0.021	0.630	0.046	0.000	0.000	0.000	0.000	0.000	0.000
45	29	3.22	0.312	0.384	0.023	0.667	0.048	0.000	0.000	0.000	0.000	0.000	0.000
45	30	3.33	0.327	0.403	0.024	0.699	0.051	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

WESTERN GULF													
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED					CONTINUOUS-TYPE ACCUMULATIONS					COALBED GAS	
		OIL FIELDS		GAS FIELDS		NGL	OIL ACCUMULATIONS		GAS ACCUMULATIONS		NGL	GAS	
		BBO	TCF	BBL	TCF		BBL	BBO	TCF	BBL			TCF
47	9	1.00	0.000	0.550	0.019	8.965	0.224	0.000	0.000	0.000	0.000	0.000	0.000
47	10	1.11	0.321	0.882	0.030	13.102	0.327	0.000	0.000	0.000	0.000	0.000	0.000
47	11	1.22	0.405	1.109	0.038	16.396	0.408	0.000	0.000	0.000	0.000	0.000	0.000
47	12	1.33	0.475	1.299	0.044	18.919	0.471	0.000	0.000	0.000	0.000	0.000	0.000
47	13	1.44	0.598	1.633	0.055	21.930	0.546	0.000	0.000	0.000	0.000	0.000	0.000
47	14	1.56	0.697	1.896	0.064	24.161	0.601	0.000	0.000	0.000	0.000	0.000	0.000
47	15	1.67	0.810	2.193	0.073	25.963	0.646	0.000	0.000	0.000	0.000	0.000	0.000
47	16	1.78	0.893	2.409	0.080	28.699	0.714	0.000	0.000	0.000	0.000	0.000	0.000
47	17	1.89	0.979	2.636	0.088	30.529	0.760	0.000	0.000	0.000	0.000	0.000	0.000
47	18	2.00	1.039	2.795	0.093	31.939	0.795	0.000	0.000	0.000	0.000	0.000	0.000
47	19	2.11	1.115	2.994	0.100	33.058	0.822	0.257	0.630	0.000	0.000	0.000	0.000
47	20	2.22	1.164	3.120	0.104	34.792	0.866	0.259	0.634	0.000	0.000	0.000	0.000
47	21	2.33	1.229	3.297	0.109	35.948	0.895	0.259	0.636	0.000	0.000	0.000	0.000
47	22	2.44	1.274	3.409	0.113	37.158	0.925	0.629	1.522	0.000	0.000	0.000	0.000
47	23	2.56	1.319	3.526	0.116	38.514	0.958	0.630	1.524	0.000	0.000	0.000	0.000
47	24	2.67	1.360	3.627	0.121	39.231	0.976	0.674	1.630	0.000	0.000	0.000	0.000
47	25	2.78	1.421	3.786	0.126	40.579	1.010	0.675	1.633	0.000	0.000	0.000	0.000
47	26	2.89	1.454	3.870	0.128	41.262	1.027	0.676	1.635	0.000	0.000	0.000	0.000
47	27	3.00	1.505	4.002	0.132	42.211	1.051	0.676	1.637	0.000	0.000	0.000	0.000
47	28	3.11	1.535	4.078	0.135	42.818	1.065	0.677	1.638	0.000	0.000	0.000	0.000
47	29	3.22	1.558	4.138	0.136	43.442	1.081	0.678	1.640	0.000	0.000	0.000	0.000
47	30	3.33	1.581	4.197	0.138	44.017	1.096	0.678	1.641	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	LOUISIANA-MISSISSIPPI SALT BASINS											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
		BBO	TCF	BBL	TCF	BBL		BBO	TCF	BBL	TCF	BBL	TCF
49	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49	10	1.11	0.012	0.016	0.001	0.162	0.006	0.000	0.000	0.000	3.477	0.087	0.000
49	11	1.22	0.050	0.068	0.002	0.584	0.022	0.000	0.000	0.000	3.480	0.087	0.000
49	12	1.33	0.071	0.096	0.003	0.819	0.031	0.000	0.000	0.000	3.864	0.097	0.000
49	13	1.44	0.095	0.131	0.005	1.080	0.040	0.000	0.000	0.000	3.868	0.097	0.000
49	14	1.56	0.173	0.249	0.008	1.758	0.070	0.000	0.000	0.000	5.210	0.130	0.000
49	15	1.67	0.273	0.401	0.014	2.674	0.110	0.000	0.000	0.000	5.214	0.130	0.000
49	16	1.78	0.338	0.497	0.017	3.206	0.127	0.000	0.000	0.000	5.217	0.130	0.000
49	17	1.89	0.393	0.581	0.020	3.814	0.156	0.000	0.000	0.000	5.371	0.134	0.000
49	18	2.00	0.474	0.706	0.025	4.959	0.187	0.000	0.000	0.000	5.373	0.134	0.000
49	19	2.11	0.564	0.843	0.029	5.897	0.231	0.000	0.000	0.000	5.373	0.134	0.000
49	20	2.22	0.634	0.953	0.032	6.455	0.258	0.000	0.000	0.000	5.375	0.134	0.000
49	21	2.33	0.695	1.049	0.036	7.703	0.293	0.000	0.000	0.000	5.378	0.134	0.000
49	22	2.44	0.805	1.206	0.041	8.515	0.327	0.000	0.000	0.000	5.501	0.138	0.000
49	23	2.56	0.907	1.360	0.046	9.147	0.349	0.000	0.000	0.000	5.504	0.138	0.000
49	24	2.67	0.962	1.443	0.049	10.456	0.388	0.000	0.000	0.000	5.507	0.138	0.000
49	25	2.78	1.014	1.520	0.052	10.828	0.407	0.000	0.000	0.000	5.510	0.138	0.000
49	26	2.89	1.104	1.649	0.056	11.392	0.432	0.000	0.000	0.000	5.512	0.138	0.000
49	27	3.00	1.148	1.767	0.059	12.050	0.458	0.000	0.000	0.000	5.514	0.138	0.000
49	28	3.11	1.184	1.767	0.060	12.404	0.484	0.000	0.000	0.000	5.516	0.138	0.000
49	29	3.22	1.218	1.816	0.063	12.883	0.509	0.000	0.000	0.000	5.519	0.138	0.000
49	30	3.33	1.303	1.949	0.067	13.192	0.532	0.000	0.000	0.000	5.520	0.138	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	FLORIDA PENINSULA											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
		BBO	TCF	BBL	TCF	BBL		BBO	TCF	BBL	TCF	BBL	TCF
50	9	1.00	0.125	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	10	1.11	0.182	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	11	1.22	0.188	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	12	1.33	0.188	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	13	1.44	0.207	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	14	1.56	0.207	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	15	1.67	0.209	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	16	1.78	0.210	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	17	1.89	0.242	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	18	2.00	0.253	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	19	2.11	0.254	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	20	2.22	0.268	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	21	2.33	0.274	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	22	2.44	0.278	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	23	2.56	0.278	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	24	2.67	0.278	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	25	2.78	0.285	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	26	2.89	0.289	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	27	3.00	0.289	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	28	3.11	0.290	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	29	3.22	0.290	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50	30	3.33	0.290	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

SUPERIOR													
Pv. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED					CONTINUOUS-TYPE ACCUMULATIONS					COALBED GAS	
		OIL FIELDS		GAS FIELDS			OIL ACCUMULATIONS		GAS ACCUMULATIONS			GAS	
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	
51	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	13	1.44	0.005	0.003	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	14	1.56	0.005	0.003	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	15	1.67	0.005	0.003	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	16	1.78	0.009	0.005	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	17	1.89	0.009	0.005	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	18	2.00	0.009	0.005	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	19	2.11	0.009	0.005	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	20	2.22	0.012	0.007	0.000	0.061	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	21	2.33	0.015	0.009	0.000	0.078	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	22	2.44	0.015	0.009	0.000	0.078	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	23	2.56	0.017	0.010	0.000	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	24	2.67	0.017	0.010	0.000	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	25	2.78	0.017	0.010	0.000	0.091	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	26	2.89	0.021	0.013	0.000	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	27	3.00	0.021	0.013	0.000	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	28	3.11	0.021	0.013	0.000	0.114	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	29	3.22	0.022	0.013	0.000	0.114	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51	30	3.33	0.023	0.014	0.000	0.124	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	CAMBRIDGE ARCH-CENTRAL KANSAS											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	TCF
53	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	15	1.67	0.003	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	16	1.78	0.007	0.010	0.001	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	17	1.89	0.016	0.023	0.001	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	18	2.00	0.024	0.033	0.002	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53	19	2.11	0.028	0.039	0.002	0.022	0.001	0.000	0.000	0.000	0.000	0.000	0.000
53	20	2.22	0.033	0.047	0.003	0.030	0.001	0.000	0.000	0.000	0.000	0.000	0.000
53	21	2.33	0.061	0.086	0.005	0.039	0.001	0.000	0.000	0.000	0.000	0.000	0.000
53	22	2.44	0.073	0.103	0.006	0.047	0.001	0.000	0.000	0.000	0.000	0.000	0.000
53	23	2.56	0.083	0.117	0.007	0.053	0.001	0.000	0.000	0.000	0.000	0.000	0.000
53	24	2.67	0.091	0.129	0.007	0.059	0.001	0.000	0.000	0.000	0.000	0.000	0.000
53	25	2.78	0.097	0.137	0.008	0.063	0.002	0.000	0.000	0.000	0.000	0.000	0.000
53	26	2.89	0.103	0.145	0.008	0.071	0.002	0.000	0.000	0.000	0.000	0.000	0.000
53	27	3.00	0.126	0.177	0.010	0.075	0.002	0.000	0.000	0.000	0.000	0.000	0.000
53	28	3.11	0.131	0.185	0.011	0.078	0.002	0.000	0.000	0.000	0.000	0.000	0.000
53	29	3.22	0.135	0.190	0.011	0.080	0.002	0.000	0.000	0.000	0.000	0.000	0.000
53	30	3.33	0.139	0.195	0.011	0.083	0.002	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	NEMAH UPLIFT											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	TCF
55	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	13	1.44	0.002	0.006	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	14	1.56	0.005	0.013	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	15	1.67	0.007	0.019	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	16	1.78	0.010	0.030	0.002	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	17	1.89	0.014	0.041	0.003	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	18	2.00	0.018	0.052	0.004	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	19	2.11	0.023	0.066	0.005	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55	20	2.22	0.029	0.083	0.006	0.021	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	21	2.33	0.032	0.092	0.006	0.025	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	22	2.44	0.038	0.110	0.008	0.028	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	23	2.56	0.041	0.117	0.008	0.030	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	24	2.67	0.045	0.131	0.009	0.034	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	25	2.78	0.049	0.142	0.010	0.038	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	26	2.89	0.052	0.152	0.011	0.041	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	27	3.00	0.056	0.163	0.011	0.044	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	28	3.11	0.059	0.169	0.012	0.046	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	29	3.22	0.061	0.175	0.012	0.050	0.001	0.000	0.000	0.000	0.000	0.000	0.000
55	30	3.33	0.062	0.180	0.013	0.053	0.001	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	FOREST CITY BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL FIELDS		GAS FIELDS		OIL FIELDS		GAS FIELDS	
		OIL	BBO	GAS	TCF	NGL	BBL	GAS	TCF	NGL	BBL	GAS	TCF
56	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	15	1.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	16	1.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	17	1.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	18	2.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	19	2.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	20	2.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	21	2.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	22	2.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	23	2.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	24	2.67	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	25	2.78	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	26	2.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	27	3.00	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	28	3.11	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	29	3.22	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56	30	3.33	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



TABLE 2. CONTINUED

ANADARKO BASIN													
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL OIL	GAS GAS	NGL NGL	GAS GAS	NGL NGL	OIL OIL	GAS GAS	NGL NGL	GAS GAS	NGL NGL	GAS GAS	NGL NGL
58	9	1.00	0.026	0.126	0.005	0.825	0.011	0.000	0.000	0.000	0.000	0.000	0.000
58	10	1.11	0.041	0.197	0.008	1.202	0.016	0.000	0.000	0.000	0.000	0.000	0.000
58	11	1.22	0.058	0.276	0.011	1.713	0.023	0.000	0.000	0.000	0.000	0.000	0.000
58	12	1.33	0.079	0.378	0.016	2.309	0.031	0.000	0.000	0.000	0.000	0.000	0.000
58	13	1.44	0.101	0.480	0.020	2.835	0.038	0.000	0.000	0.000	0.000	0.000	0.000
58	14	1.56	0.126	0.597	0.025	3.295	0.045	0.000	0.000	0.000	0.000	0.000	0.000
58	15	1.67	0.143	0.676	0.028	3.786	0.052	0.000	0.000	0.000	0.000	0.000	0.000
58	16	1.78	0.160	0.758	0.031	4.215	0.057	0.000	0.000	0.000	0.000	0.000	0.000
58	17	1.89	0.175	0.830	0.034	4.491	0.060	0.000	0.000	0.000	0.000	0.000	0.000
58	18	2.00	0.189	0.896	0.037	4.824	0.064	0.000	0.000	0.000	0.000	0.000	0.000
58	19	2.11	0.199	0.941	0.039	5.079	0.067	0.000	0.000	0.000	0.000	0.000	0.000
58	20	2.22	0.209	0.987	0.041	5.465	0.072	0.000	0.000	0.000	0.000	0.000	0.000
58	21	2.33	0.219	1.037	0.043	5.830	0.077	0.000	0.000	0.000	0.000	0.000	0.000
58	22	2.44	0.228	1.080	0.045	6.034	0.079	0.000	0.000	0.000	0.000	0.000	0.000
58	23	2.56	0.239	1.132	0.047	6.225	0.081	0.000	0.000	0.000	0.000	0.000	0.000
58	24	2.67	0.247	1.168	0.048	6.405	0.084	0.000	0.000	0.000	0.000	0.000	0.000
58	25	2.78	0.254	1.199	0.050	6.731	0.088	0.000	0.000	0.000	0.000	0.000	0.000
58	26	2.89	0.260	1.230	0.051	6.926	0.090	0.000	0.000	0.000	0.000	0.000	0.000
58	27	3.00	0.265	1.254	0.052	7.081	0.092	0.000	0.000	0.000	0.000	0.000	0.000
58	28	3.11	0.270	1.278	0.053	7.380	0.095	0.000	0.000	0.000	0.000	0.000	0.000
58	29	3.22	0.276	1.303	0.054	7.524	0.096	0.000	0.000	0.000	0.000	0.000	0.000
58	30	3.33	0.280	1.325	0.055	7.676	0.098	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	SEDGWICK BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
		BBO	TCF	BBL	TCF	BBL		BBO	TCF	BBL	TCF	BBL	TCF
59	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	14	1.56	0.002	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	15	1.67	0.004	0.012	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	16	1.78	0.006	0.017	0.001	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	17	1.89	0.010	0.026	0.002	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	18	2.00	0.012	0.031	0.003	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	19	2.11	0.015	0.039	0.003	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	20	2.22	0.019	0.051	0.004	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	21	2.33	0.021	0.057	0.005	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	22	2.44	0.027	0.072	0.006	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	23	2.56	0.028	0.075	0.006	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	24	2.67	0.030	0.081	0.007	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	25	2.78	0.033	0.089	0.008	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	26	2.89	0.034	0.091	0.008	0.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	27	3.00	0.036	0.096	0.008	0.059	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	28	3.11	0.036	0.098	0.008	0.061	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	29	3.22	0.038	0.102	0.009	0.064	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59	30	3.33	0.039	0.104	0.009	0.065	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

CHEROKEE BASIN															
PV. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS						COALBED GAS	
		OIL FIELDS			GAS FIELDS			OIL FIELDS			GAS FIELDS				
		OIL	GAS	NGL	OIL	GAS	NGL	OIL	GAS	NGL	OIL	GAS	NGL	GAS	
60	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	12	1.33	0.002	0.004	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	13	1.44	0.004	0.008	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	14	1.56	0.008	0.015	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	15	1.67	0.010	0.018	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	16	1.78	0.011	0.021	0.002	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	17	1.89	0.014	0.025	0.002	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	18	2.00	0.015	0.028	0.002	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	19	2.11	0.019	0.035	0.003	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	20	2.22	0.022	0.042	0.003	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	21	2.33	0.025	0.046	0.003	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	22	2.44	0.027	0.049	0.004	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	23	2.56	0.029	0.053	0.004	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	24	2.67	0.030	0.056	0.004	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	25	2.78	0.033	0.061	0.005	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	26	2.89	0.034	0.063	0.005	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	27	3.00	0.035	0.065	0.005	0.018	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	28	3.11	0.036	0.067	0.005	0.018	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	29	3.22	0.038	0.070	0.005	0.019	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60	30	3.33	0.039	0.072	0.005	0.020	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	SOUTHERN OKLAHOMA											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
61	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	11	1.22	0.006	0.008	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	12	1.33	0.008	0.012	0.001	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	13	1.44	0.019	0.029	0.001	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	14	1.56	0.026	0.039	0.002	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	15	1.67	0.034	0.052	0.003	0.033	0.001	0.000	0.000	0.000	0.000	0.000	0.000
61	16	1.78	0.042	0.065	0.003	0.040	0.001	0.000	0.000	0.000	0.000	0.000	0.000
61	17	1.89	0.050	0.077	0.004	0.049	0.001	0.000	0.000	0.000	0.000	0.000	0.000
61	18	2.00	0.060	0.092	0.005	0.063	0.001	0.000	0.000	0.000	0.000	0.000	0.000
61	19	2.11	0.068	0.105	0.005	0.072	0.001	0.000	0.000	0.000	0.000	0.000	0.000
61	20	2.22	0.080	0.124	0.006	0.084	0.001	0.000	0.000	0.000	0.000	0.000	0.000
61	21	2.33	0.089	0.138	0.007	0.097	0.002	0.000	0.000	0.000	0.000	0.000	0.000
61	22	2.44	0.098	0.152	0.008	0.112	0.002	0.000	0.000	0.000	0.000	0.000	0.000
61	23	2.56	0.103	0.160	0.008	0.120	0.002	0.000	0.000	0.000	0.000	0.000	0.000
61	24	2.67	0.110	0.172	0.009	0.138	0.002	0.000	0.000	0.000	0.000	0.000	0.000
61	25	2.78	0.114	0.179	0.009	0.145	0.002	0.000	0.000	0.000	0.000	0.000	0.000
61	26	2.89	0.123	0.192	0.010	0.155	0.002	0.000	0.000	0.000	0.000	0.000	0.000
61	27	3.00	0.128	0.200	0.010	0.163	0.003	0.000	0.000	0.000	0.000	0.000	0.000
61	28	3.11	0.132	0.206	0.010	0.169	0.003	0.000	0.000	0.000	0.000	0.000	0.000
61	29	3.22	0.136	0.213	0.011	0.178	0.003	0.000	0.000	0.000	0.000	0.000	0.000
61	30	3.33	0.140	0.219	0.011	0.187	0.003	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

PV. No.	Prices \$/bbl \$/mcf	ARKOMA BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	TCF	BBL	NGL	OIL	GAS	NGL	GAS	NGL	COALBED GAS
		BBO	TCF	BBL	TCF	BBL	BBL	BBO	TCF	BBL	TCF	BBL	TCF
62	9	1.00	0.000	0.000	0.584	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	10	1.11	0.000	0.001	0.698	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	11	1.22	0.001	0.001	0.881	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	12	1.33	0.001	0.001	0.953	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	13	1.44	0.001	0.002	1.032	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	14	1.56	0.001	0.002	1.092	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	15	1.67	0.002	0.003	1.194	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	16	1.78	0.002	0.003	1.242	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	17	1.89	0.002	0.003	1.340	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62	18	2.00	0.002	0.003	1.360	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.268
62	19	2.11	0.002	0.003	1.399	0.052	0.000	0.000	0.000	0.000	0.000	0.000	0.270
62	20	2.22	0.003	0.004	1.471	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.273
62	21	2.33	0.003	0.004	1.472	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.275
62	22	2.44	0.003	0.004	1.517	0.056	0.000	0.000	0.000	0.000	0.000	0.000	0.275
62	23	2.56	0.003	0.005	1.543	0.057	0.000	0.000	0.000	0.000	0.000	0.000	2.017
62	24	2.67	0.003	0.005	1.589	0.059	0.000	0.000	0.000	0.000	0.000	0.000	2.021
62	25	2.78	0.003	0.005	1.611	0.060	0.000	0.000	0.000	0.000	0.000	0.000	2.096
62	26	2.89	0.003	0.005	1.638	0.061	0.000	0.000	0.000	0.000	0.000	0.000	2.101
62	27	3.00	0.004	0.006	1.655	0.062	0.000	0.000	0.000	0.000	0.000	0.000	2.102
62	28	3.11	0.004	0.006	1.695	0.063	0.000	0.000	0.000	0.000	0.000	0.000	2.106
62	29	3.22	0.004	0.006	1.697	0.063	0.000	0.000	0.000	0.000	0.000	0.000	2.107
62	30	3.33	0.004	0.006	1.740	0.065	0.000	0.000	0.000	0.000	0.000	0.000	2.109

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	MICHIGAN BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS	
		OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS
		BBO	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF
63	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63	10	1.11	0.003	0.004	0.003	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
63	11	1.22	0.022	0.028	0.023	0.001	0.023	0.000	0.000	0.000	0.000	0.000	0.000
63	12	1.33	0.045	0.063	0.087	0.003	0.087	0.000	0.000	0.000	0.000	0.000	0.000
63	13	1.44	0.064	0.091	0.146	0.005	0.146	0.000	0.000	0.000	0.000	0.000	0.000
63	14	1.56	0.080	0.115	0.195	0.007	0.195	0.000	0.000	0.000	0.000	0.000	0.000
63	15	1.67	0.103	0.146	0.242	0.009	0.242	0.000	0.000	0.000	0.000	0.000	0.000
63	16	1.78	0.128	0.180	0.311	0.011	0.311	0.000	0.000	0.000	0.000	0.000	0.000
63	17	1.89	0.155	0.221	0.385	0.014	0.385	0.000	0.000	0.000	0.000	0.000	0.000
63	18	2.00	0.176	0.252	0.453	0.016	0.453	0.000	0.000	0.000	0.000	0.000	0.000
63	19	2.11	0.202	0.289	0.512	0.018	0.512	0.000	0.000	0.000	0.000	0.000	0.000
63	20	2.22	0.219	0.314	0.591	0.021	0.591	0.000	0.000	0.000	0.000	0.000	0.000
63	21	2.33	0.234	0.336	0.668	0.024	0.668	0.000	0.000	0.000	0.000	0.000	0.000
63	22	2.44	0.246	0.355	0.721	0.026	0.721	0.000	0.000	0.000	0.000	0.000	0.000
63	23	2.56	0.262	0.379	0.778	0.027	0.778	0.000	0.000	0.000	0.000	0.000	0.000
63	24	2.67	0.272	0.395	0.832	0.029	0.832	0.000	0.000	0.000	0.000	0.000	0.000
63	25	2.78	0.290	0.419	0.875	0.031	0.875	0.000	0.000	0.000	0.000	0.000	0.000
63	26	2.89	0.298	0.432	0.919	0.032	0.919	0.000	0.000	0.000	0.000	0.000	0.000
63	27	3.00	0.306	0.443	0.956	0.033	0.956	0.000	0.000	0.000	0.000	0.000	0.000
63	28	3.11	0.313	0.453	1.050	0.037	1.050	0.000	0.000	0.000	0.000	0.000	0.000
63	29	3.22	0.319	0.462	1.088	0.038	1.088	0.000	0.000	0.000	0.000	0.000	0.000
63	30	3.33	0.325	0.470	1.120	0.039	1.120	0.000	0.000	0.000	13.672	0.000	0.000

TABLE 2. CONTINUED

ILLINOIS BASIN													
Pv. No.	Prices \$/bbl \$/mcf	CONVENTIONAL UNDISCOVERED											
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	BBL	OIL	GAS	NGL	GAS	NGL	GAS
64	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	14	1.56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	15	1.67	0.007	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	16	1.78	0.017	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	17	1.89	0.022	0.017	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	18	2.00	0.035	0.026	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	19	2.11	0.040	0.030	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	20	2.22	0.056	0.042	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	21	2.33	0.068	0.051	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	22	2.44	0.077	0.058	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	23	2.56	0.094	0.070	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	24	2.67	0.102	0.077	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	25	2.78	0.110	0.083	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	26	2.89	0.117	0.088	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	27	3.00	0.124	0.093	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	28	3.11	0.129	0.097	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	29	3.22	0.135	0.101	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64	30	3.33	0.140	0.105	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	BLACK WARRIOR BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS			GAS FIELDS			OIL ACCUMULATIONS			GAS ACCUMULATIONS		
		OIL	GAS	NGL	GAS	NGL	OIL	GAS	NGL	GAS	NGL	GAS	COALBED GAS
		BBO	TCF	BBL	TCF	BBL	BBO	TCF	BBL	TCF	BBL	TCF	
65	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
65	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
65	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
65	12	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
65	13	1.44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
65	14	1.56	0.001	0.001	0.103	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
65	15	1.67	0.001	0.001	0.104	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
65	16	1.78	0.001	0.001	0.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
65	17	1.89	0.002	0.001	0.176	0.001	0.000	0.000	0.000	0.000	0.000	0.000	
65	18	2.00	0.004	0.002	0.229	0.001	0.000	0.000	0.000	0.000	0.000	0.000	
65	19	2.11	0.004	0.002	0.230	0.001	0.000	0.000	0.000	0.000	0.000	0.000	
65	20	2.22	0.006	0.003	0.356	0.002	0.000	0.000	0.000	0.000	0.000	0.000	
65	21	2.33	0.006	0.003	0.369	0.002	0.000	0.000	0.000	0.000	0.000	0.000	
65	22	2.44	0.007	0.004	0.456	0.002	0.000	0.000	0.000	0.000	0.000	0.000	
65	23	2.56	0.009	0.004	0.504	0.002	0.000	0.000	0.000	0.000	0.000	0.000	
65	24	2.67	0.010	0.005	0.574	0.002	0.000	0.000	0.000	0.000	0.000	0.000	
65	25	2.78	0.011	0.006	0.607	0.003	0.000	0.000	0.000	0.000	0.000	0.000	
65	26	2.89	0.012	0.006	0.698	0.003	0.000	0.000	0.000	0.000	0.000	0.000	
65	27	3.00	0.013	0.007	0.731	0.003	0.000	0.000	0.000	0.000	0.000	0.000	
65	28	3.11	0.015	0.007	0.761	0.003	0.000	0.000	0.000	0.000	0.000	0.000	
65	29	3.22	0.016	0.008	0.819	0.003	0.000	0.000	0.000	0.000	0.000	0.000	
65	30	3.33	0.016	0.008	0.832	0.004	0.000	0.000	0.000	0.000	0.000	0.000	



TABLE 2. CONTINUED

Pv. No.	Prices \$/bbl \$/mcf	APPALACHIAN BASIN											
		CONVENTIONAL UNDISCOVERED						CONTINUOUS-TYPE ACCUMULATIONS					
		OIL FIELDS		GAS FIELDS		OIL ACCUMULATIONS		GAS ACCUMULATIONS		COALBED GAS			
		OIL	GAS	OIL	GAS	OIL	GAS	OIL	GAS	COALBED	GAS		
		BBO	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF	BBL	TCF
67	9	1.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	10	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	11	1.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	12	1.33	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	13	1.44	0.006	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	14	1.56	0.009	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	15	1.67	0.014	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	16	1.78	0.016	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	17	1.89	0.019	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	18	2.00	0.023	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	19	2.11	0.027	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	20	2.22	0.031	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	21	2.33	0.034	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	22	2.44	0.037	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	23	2.56	0.041	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	24	2.67	0.043	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	25	2.78	0.046	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	26	2.89	0.048	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	27	3.00	0.050	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	28	3.11	0.051	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	29	3.22	0.053	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67	30	3.33	0.055	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000