

John P. Cahill
Commissioner

DEC

Division of Mineral Resources

New York State
Oil, Gas and Mineral Resources
1999

New York State Department of Environmental Conservation

George E. Pataki, *Governor*

John P. Cahill, *Commissioner*

Division Mission Statement

The Division of Mineral Resources is responsible for ensuring the environmentally sound, economic development of New York's non-renewable energy and mineral resources for the benefit of current and future generations.

This report was produced by the
NYS Department of Environmental Conservation

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and
Mineral Resources

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DIRECTOR'S CORNER

Gregory H. Sovas

Calendar year 1999 was a great year for the Division of Mineral Resources. The Trenton-Black River play received and continues to attract national attention. Some sixty wells were drilled to this formation, with 15 wells producing almost 3 billion cubic feet of gas, or close to 20% of the state's natural gas production. Those wells produced for only part of the year because of pipeline constraints. There appears to be a great future for the Trenton-Black River in New York, as deep drilling has intensified during 2000.

Competition for leases has produced many questions from landowners who find themselves in the enviable position of realizing new-found income from beneath their land.

Our website continues to be utilized by more and more people, including potential new investors interested in drilling statistics and production information. We are averaging more than 130 users per day spending approximately twelve minutes per session.

This year was the first time that we secured additional funding for our Mined Land Reclamation Program. An additional \$1 million was made available to hire much needed staff for the mined land program and to pay for the support costs of the program staff. The program now has 26 employees in eight regional offices (no one in NYC) and the central office here in Albany. The support monies have been direly needed to pay for gasoline, travel, supplies and materials, and equipment. With this dedicated funding made available for the mining program, we can now use our general fund monies for our oil and gas regulatory program allowing staff to attend training, national and state meetings, and in general, promoting the professionalism of the oil and gas staff. Additionally, we continue to pursue funding strategies for plugging abandoned wells.

The Mined Land Reclamation Program had its third national reclamation award winner, Porter Concrete from Waverly, NY. Porter Concrete also won our 1999 State Mined Land Reclamation Award.

Our most successful oil and gas lease sale in history occurred in 1999, bringing in over \$3 million for the rights to over 13,000 acres. To date, both East Resources and Fairman Drilling, and Columbia Natural Resources have drilled wells on these leased acres. We intend to hold another much anticipated lease sale for an additional 23,000 acres sometime in early 2001.

After more than thirty-two years with the Department of Environmental Conservation and over twenty years as the director of Mineral Resources, I will be leaving state government in January 2001 to pursue other opportunities. I have always tried to be objective with our regulated industries and made myself available to all. We have put in place a fair and consistent regulatory program that recognizes the value of investment in New York State as well as the need for prompt decision-making. My experience has been that companies are willing to comply with our environmental regulations so long as they can expect and receive timely decisions.

Perhaps the most important accomplishment during my tenure was to recruit and retain excellent professionals that complemented the skills and abilities of our core staff. We have, in place, a very professional team of varied backgrounds, skills, and experience to assure an orderly succession of leadership for years to come. Their loyalty to the Division and to the DEC is unparalleled.

I have truly enjoyed the many relationships that I have had with our oil and gas and mining industry members as well as the many friendships that have developed through our interstate and national efforts with my counterparts. Finally, I have the greatest respect for the independent businessmen willing to invest their own time and money to succeed in this great state. Hopefully, I have helped them in some way to succeed. My thanks to all.

Please visit our website at <http://www.dec.state.ny.us/website/dmn> for information on all of our mineral resources programs.

EXECUTIVE SUMMARY

New York State Oil, Gas and Mineral Resources - 1999 is the sixteenth annual report published by the Department of Environmental Conservation's Division of Mineral Resources. Drilling statistics for the year are calculated from well completion reports submitted to this Division by the operators. Statistics were compiled on July 28, 2000 and at that time 79 percent of the registered operators, or 755 of 956 operators, had filed required Annual Well Reports.

OIL and GAS HIGHLIGHTS

- L Reported production of natural gas decreased approximately 3.5 percent to 16.1 billion cubic feet compared with 1998's reported production of 16.7 billion cubic feet.
- L Production of oil was 192,959 barrels, a decrease of 11 percent from 1998's reported production of 217,154 barrels.
- L Average wellhead prices paid in 1999 were \$2.19 per thousand cubic feet of gas and \$16.18 per barrel of oil.
- L Market value of reported oil and gas was an estimated \$37.9 million. Landowners received approximately \$4.73 million in royalties.
- L New York operators spudded 101 wells during 1999, an increase of 27 wells from 1998.
- L Gas well completions decreased from 41 gas wells completed in 1998 to 28 gas wells completed in 1999.
- L The most successful competitive lease sale ever conducted in New York State history netted \$3,027,580 in bonus bids for the State.
- L Regional staff issued 125 drilling permits in 1999.
- L Oil well completions increased from 7 oil wells in 1998 to 28 oil wells completed in 1999.
- L Reported oil and gas production generated an estimated \$1.14 million in real property tax revenues.
- L Total State revenues from permits and leasing of State lands were \$3,396,011 in 1999.
- L Oil and Gas staff performed 2,968 inspections and traveled 88,058 miles during 1999.
- L Market value of solution salt mining in New York for 1999 was \$100 million.
- L Steuben County remained the second highest producing county this year with production of 2.521 billion cubic feet of gas from only 32 wells.
- L Trenton/Black River exploration during 1999 was extraordinary. Commercially productive wells were confined to Northern Steuben County.

MINERAL HIGHLIGHTS

- L In 1999 the Division was responsible for 2,489 surface and underground mines affecting 47,907 acres.
- L Mined Land staff issued 502 permits, 83 new and 419 renewals during 1999. Fifty-four additional mines completed final reclamation.

L Estimated value of the minerals mined in New York State during 1999 was \$1.5 billion.

L Mined Land staff in 1999 approved the reclamation of 4,815 acres of affected land.

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PERMITS & COMPLETIONS

Eric B. Shyer

PERMITS

Division staff issued 125 drilling permits in 1999: 74 gas well permits, 32 oil well permits, 8 stratigraphic well permits and 11 brine well permits (Table 1). A complete listing (Table 11) of the issued permits, which includes town, owner, API number, well name, issue date and spud date, is included on page 22 of this report. A ten year comparison of drilling permits issued versus completions is shown in Chart 1.

COMPLETIONS

There were 87 oil, gas, brine and stratigraphic wells completed in New York counties during 1999. An individual listing of the completed 1999 wells (Table 12) is included on page 26 of this report. Well type codes are listed on page 19. Map 4 on page 6 shows the location and type of wells completed, while map 5 on page 7 illustrates what formations were completed.

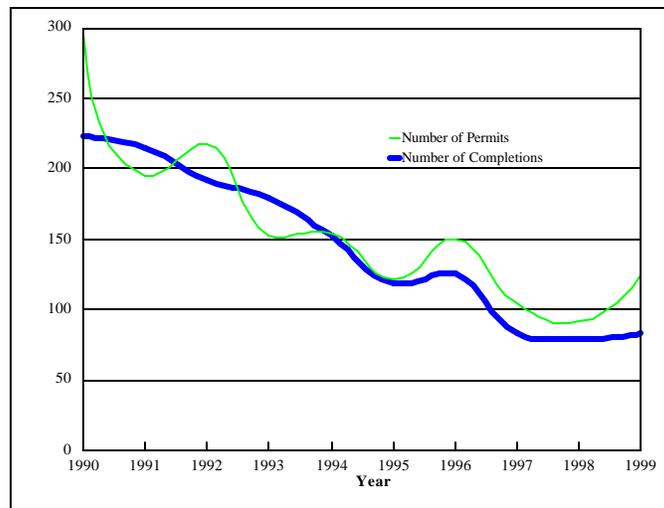


Chart 1. Drilling Permits Issued vs Completions, 1990 - 1999.

| County | Well Permit Type | Number Permitted | County | Well Permit Type | Number Permitted |
|-------------|------------------|------------------|------------|------------------|------------------|
| Allegany | Gas | 1 | Livingston | Strat | 6 |
| | Oil | 6 | Madison | Gas | 6 |
| Broome | Gas | 1 | Onondaga | Gas | 1 |
| Cattaraugus | Gas | 15 | Schuyler | Brine | 1 |
| | Oil | 16 | | Gas | 7 |
| Cayuga | Gas | 1 | Steuben | Gas | 5 |
| Chautauqua | Gas | 4 | Tioga | Oil | 9 |
| | Oil | 1 | | Strat | 2 |
| Chemung | Gas | 2 | Tompkins | Gas | 5 |
| Cortland | Gas | 7 | Wyoming | Brine | 10 |
| Erie | Gas | 3 | Yates | Gas | 15 |
| Genesee | Gas | 1 | | | |
| | | | | Total | 125 |

Table 1. Permitted Well Types, 1999.

PRODUCTION OF OIL & NATURAL GAS

Eric B. Shyer

In 1999, New York’s production of oil decreased to 192,959 barrels, a fall of 12 percent from 1998. One possible reason for the decline is that during the last two years 118 oil wells were plugged while only 24 oil wells were completed. That’s only one oil well drilled for every five oil wells plugged despite an almost five dollars a barrel increase in wellhead prices for oil during 1999.

The average producing New York oil well yielded less than one seventh of a barrel (42 gallons) of oil per day or about six gallons per day in 1999, far below the traditional “stripper” definition of 10 barrels per day. Oil production figures are based on the oil buyers’ reports.

Table 2 details the top ten gas producing counties in New York, while Table 3 lists the top ten oil and gas producing companies, respectively, for 1999. Map 2 on page 4 shows oil production in New York State by town. Chart 2 illustrates New York oil production for the last ten years.

New York's 1999 reported gas production is 16.1 billion cubic feet (bcf), and production distribution is shown on Map 3, by town, on page 5. This production volume does not account for gas produced by well owners who have neglected to

file 1999 Annual Well Reports. Approximately 20 percent of well owners of record have not yet filed, which is a violation of current regulations.

Steuben County produced 2.4 bcf of gas from the Black River from only 13 wells - an average of 186 mmcf per active well. Chart 3 on page 3 shows New York gas production for the last ten years.

TOP TEN GAS PRODUCING COUNTIES, 1999

| County | Gas (MCF) | No. of Active Wells | Average MCF/Well |
|-------------|-----------|---------------------|------------------|
| Chautauqua | 6,528,153 | 3,063 | 2,131 |
| Steuben | 2,521,125 | 32 | 78,785 |
| Erie | 1,234,962 | 829 | 1,490 |
| Cattaraugus | 1,188,079 | 527 | 2,254 |
| Cayuga | 1,178,447 | 295 | 3,995 |
| Broome | 971,663 | 14 | 69,405 |
| Genesee | 797,417 | 451 | 1,768 |
| Seneca | 569,631 | 136 | 4,188 |
| Wyoming | 427,214 | 241 | 1,773 |
| Allegany | 247,938 | 56 | 4,427 |

Table 2. Top Ten Gas Producing Counties, 1999.

TOP TEN OIL & GAS PRODUCING COMPANIES, 1999

| OIL | | GAS | |
|----------------------------|------------------|-----------------------------|------------------|
| Company | Production (BBL) | Company | Production (MCF) |
| East Resources, Inc. | 20,499 | Columbia Natural Resources | 3,823,674 |
| CNG Transmission Corp. | 19,916 | Belden & Blake Corporation | 3,076,629 |
| Richardson Petroleum Corp. | 19,211 | Great Lakes Energy Partners | 1,912,134 |
| Woods Oil Company, Inc. | 14,217 | Seneca Resources Corp. | 786,820 |
| Synergy Oil & Gas, Inc. | 13,399 | United States Gypsum Co. | 725,650 |
| Klein, Roger, A. | 5,516 | Nornew, Inc. | 662,344 |
| A. J. Lease Account | 5,383 | Lenape Resources, Inc. | 490,185 |
| Otis Eastern Service, Inc. | 5,291 | Stedman Energy, Inc. | 365,042 |
| Resource America, Inc. | 4,780 | Resource America, Inc. | 238,929 |
| Copper Ridge Co. | 4,670 | OI Auburn, Inc. | 236,130 |

Table 3. Top Ten Oil & Gas Producing Companies, 1999.

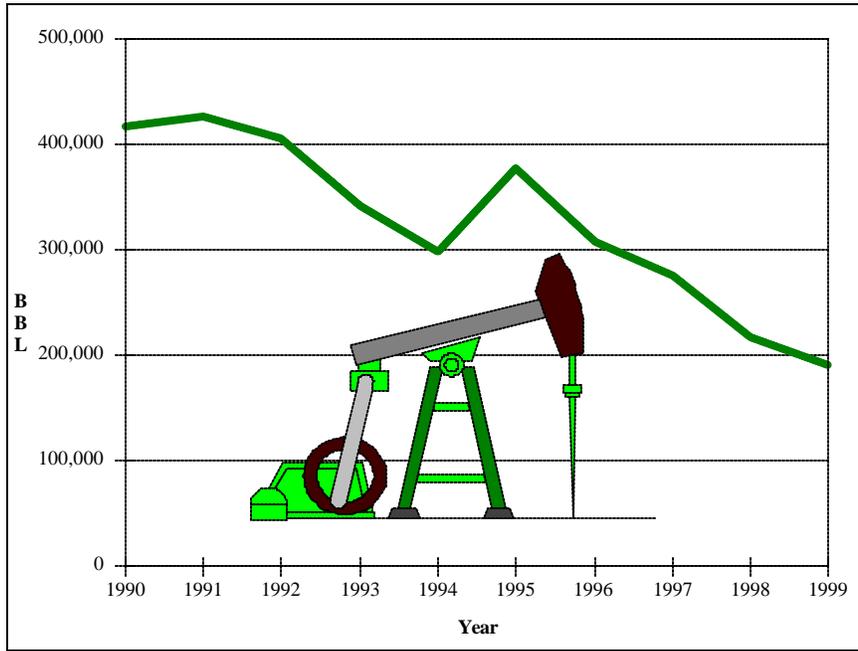


Chart 2. New York Oil Production, 1990 - 1999.

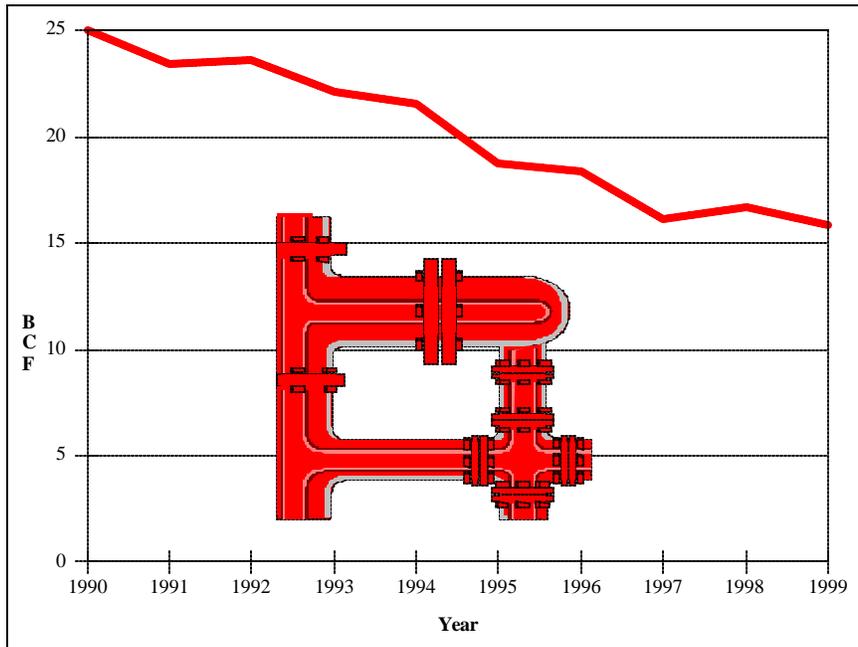
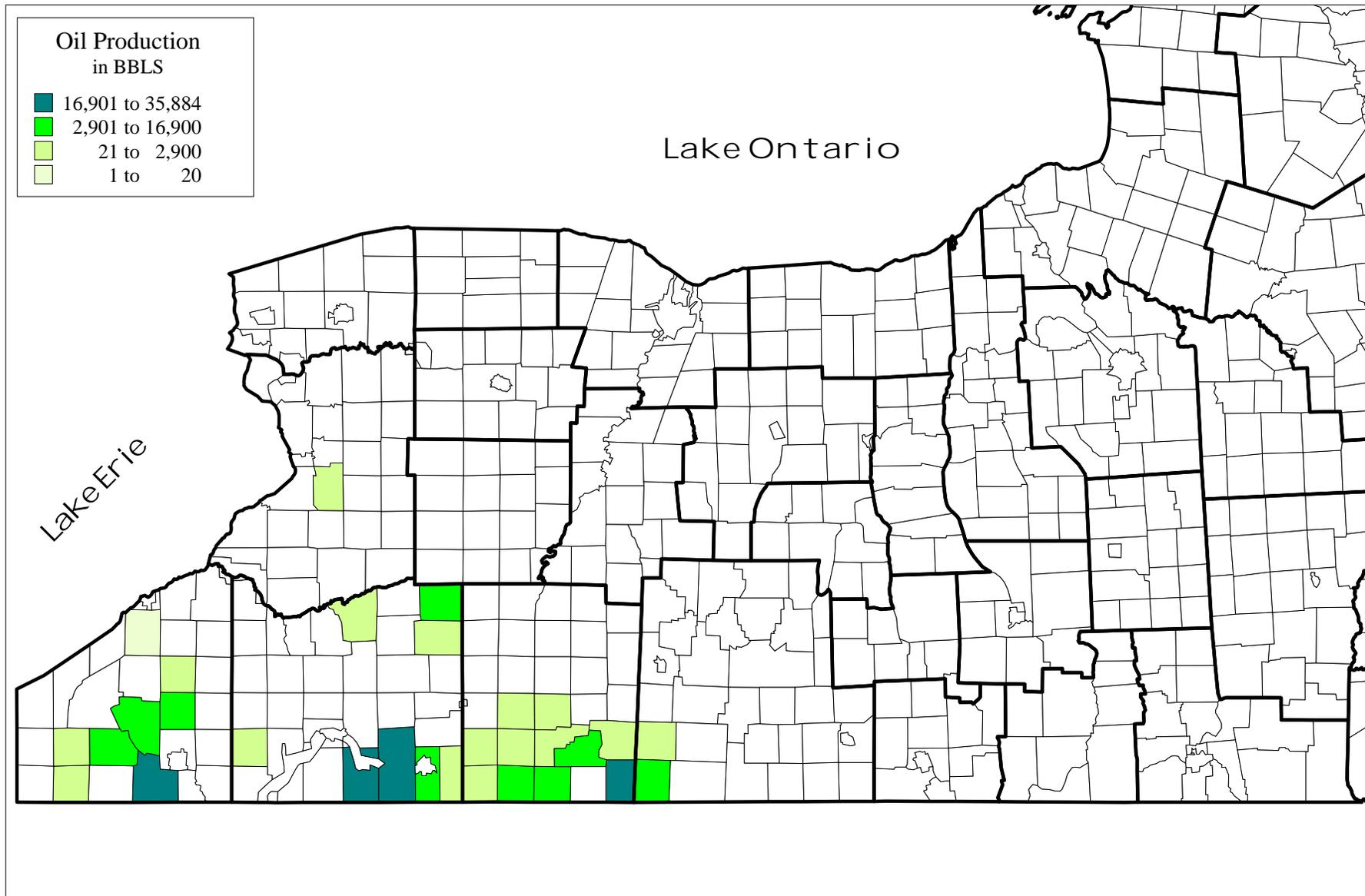
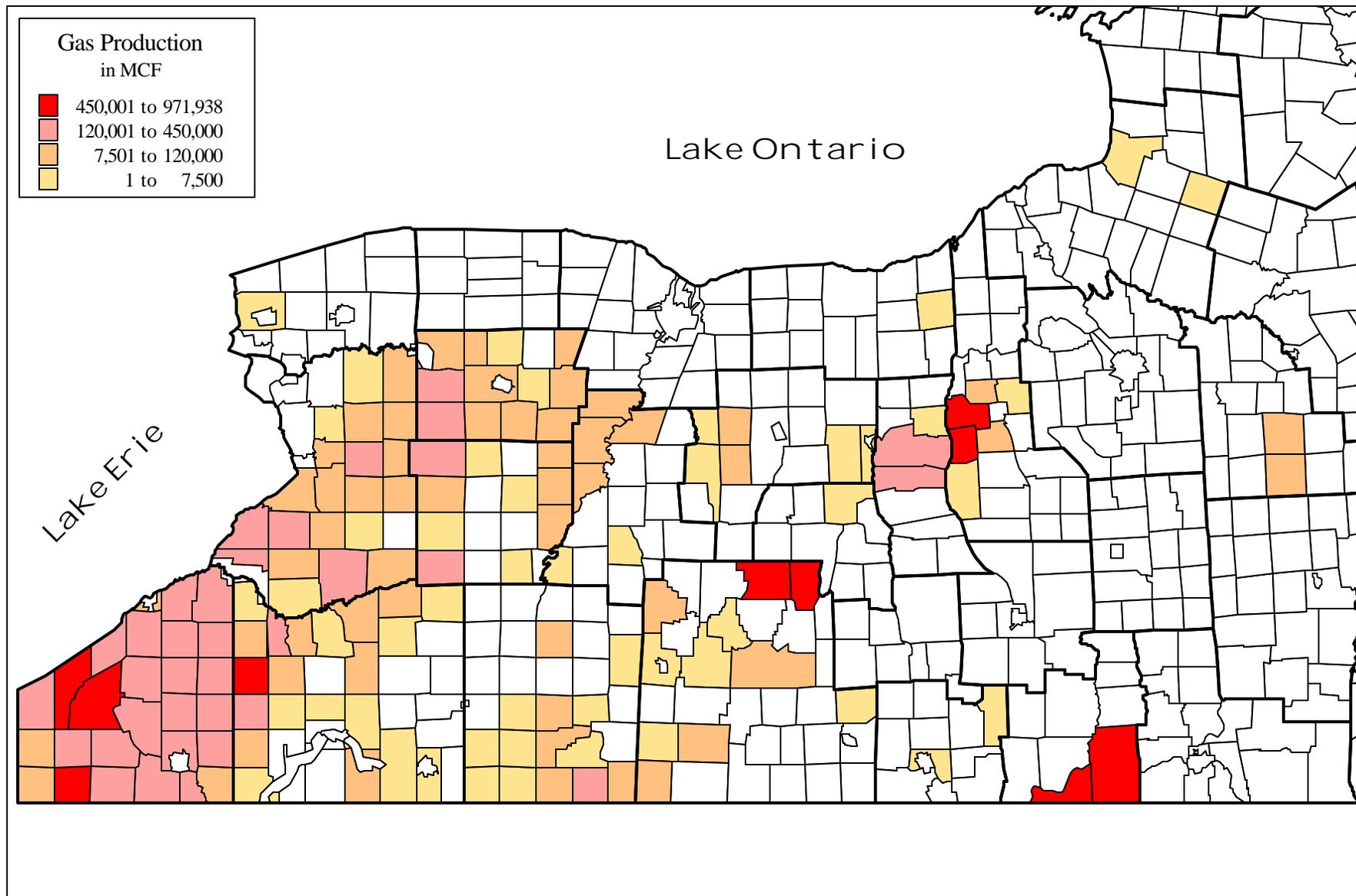


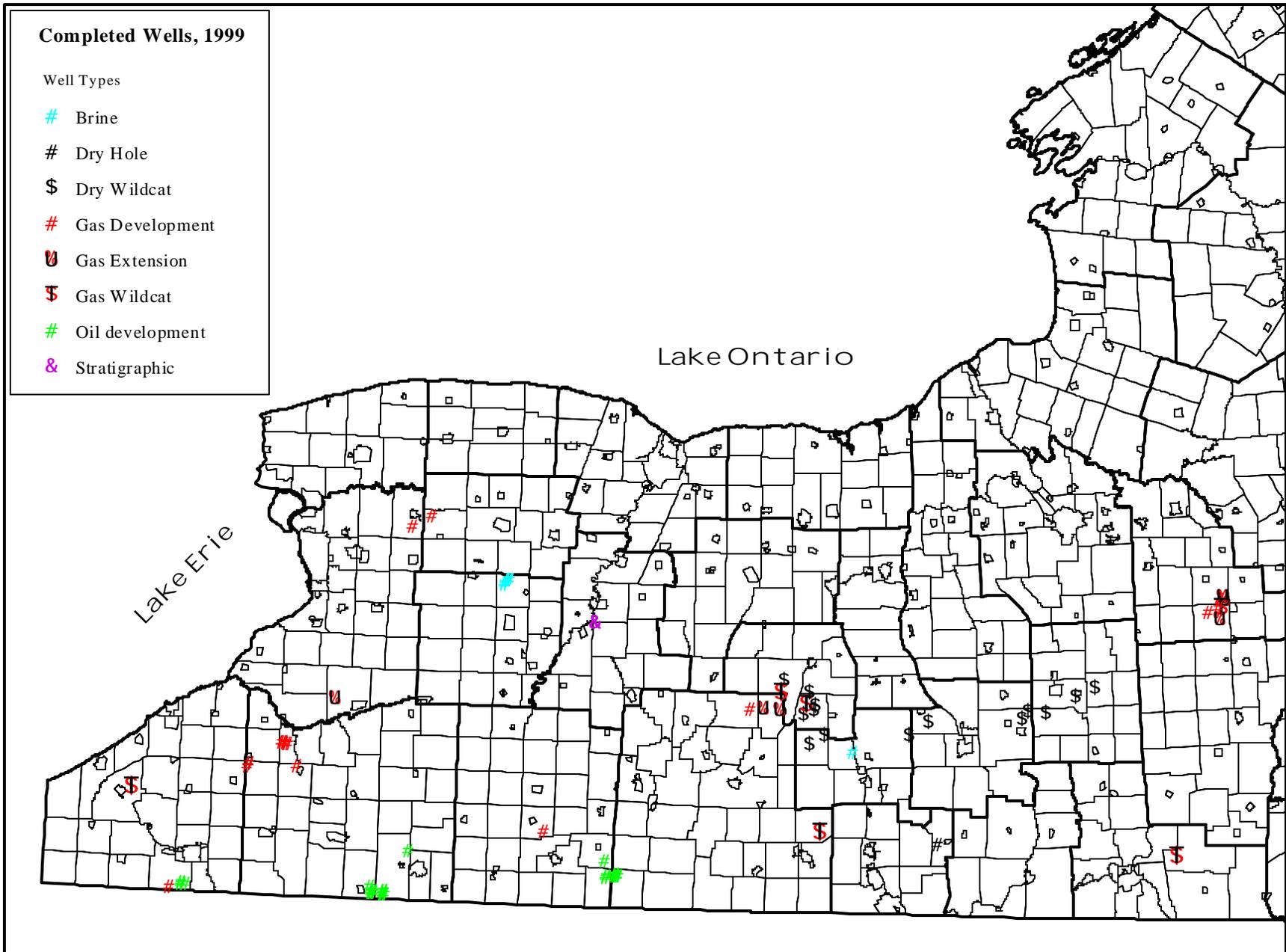
Chart 3. New York Gas Production, 1990 - 1999.



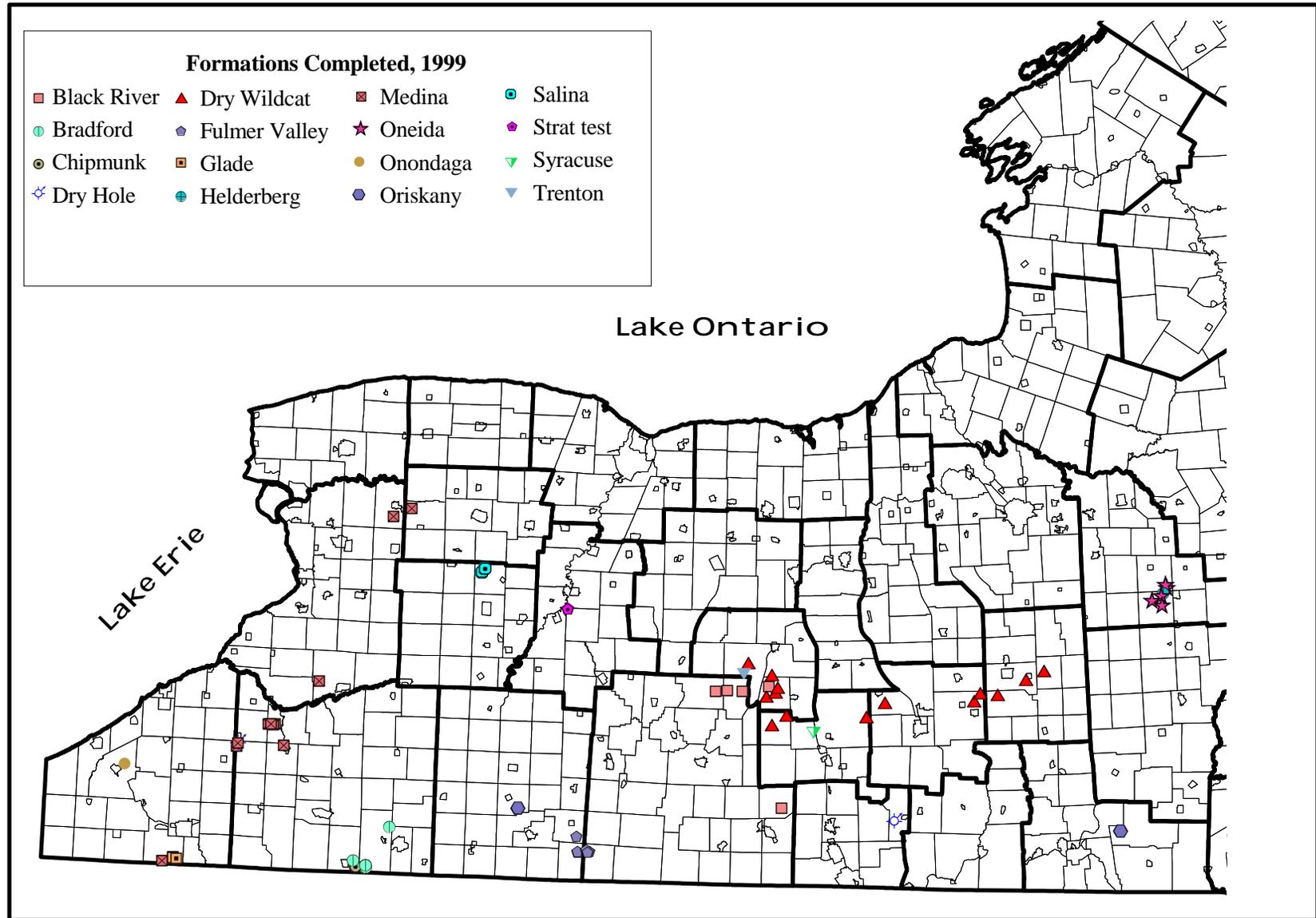
Map 2. New York State Oil Production by Town, 1999.



Map 3. New York State Gas Production by Town, 1999.



Map 4. Well Types Completed in New York State, 1999



Map 5. Formations Completed in 1999.

MARKET VALUE

Clemsford Pollydore

The market value of New York State's reported oil and gas production for 1999 was estimated at \$37.85 million. Average wellhead price for gas was obtained from royalty payments made to the state for leases on state lands, while the average wellhead price for oil was obtained from American Refining Group. Table 4 lists the average wellhead prices for oil and gas for the years 1990 to 1999.

Wellhead oil prices for 1999 averaged \$16.18 per barrel, an increase of \$4.22 per barrel from 1998's average price. Prices rose from a low of \$10.00 per barrel in February to \$22.34 per barrel in December. Market value of the state's 1999 reported production of 192,959 barrels was approximately \$3.11 million.

The average price for natural gas at the wellhead was \$2.19 per mcf, a decrease of \$0.27 per mcf.

The market value of the reported produced gas was approximately \$34.74 million. Chart 4 illustrates the market value of oil and gas for the years 1990 to 1999.

Property Tax Revenues

Estimated real property tax revenues attributable to reported 1999 oil and gas production were approximately \$1.14 million. Taxes from natural gas and oil production were calculated to be \$1.04 million and \$93,405 respectively.

Leasing Royalties

Statewide, all landowners who had producing oil and gas leases during 1999 received approximately one-eighth of the market value of \$37.85 million, or approximately \$4.73 million in royalties.

| AVERAGE WELLHEAD PRICE of OIL & GAS, 1990 - 1999 | | |
|--|---------------|---------------|
| YEAR | OIL \$/BBL | GAS \$/MCF |
| 1990 | \$23.00 | \$2.23 |
| 1991 | \$19.68 | \$2.15 |
| 1992 | \$18.95 | \$2.25 |
| 1993 | \$17.09 | \$2.40 |
| 1994 | \$15.39 | \$2.35 |
| 1995 | \$16.29 | \$2.30 |
| 1996 | \$18.29 | \$2.21 |
| 1997 | \$17.46 | \$2.56 |
| 1998 | \$11.96 | \$2.46 |
| 1999 | \$16.18 | \$2.19 |

Table 4. Average Wellhead Price.

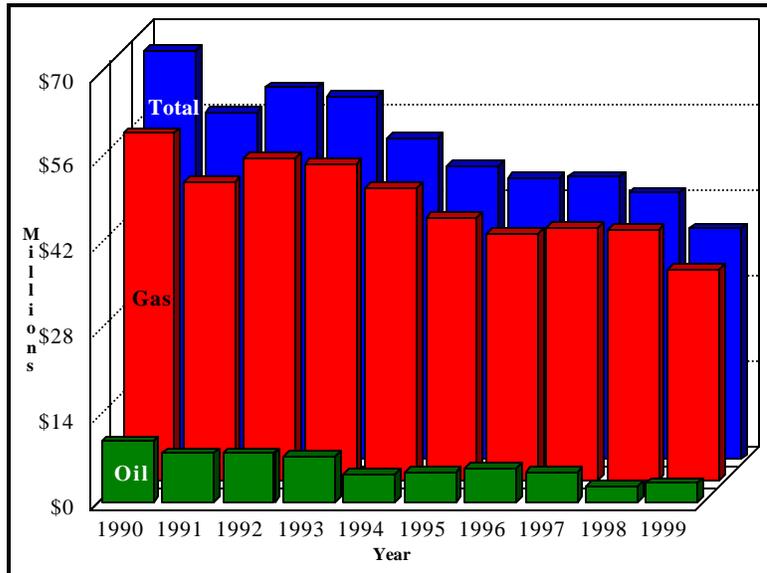


Chart 4. Market Value of New York Oil and Gas, 1990 - 1999.

RESOURCE DEVELOPMENT REVENUES

Chris Reed

The Division of Mineral Resources collects revenues from oil and gas activity under the Oil, Gas and Solution Mining Law. In 1999, total oil and gas revenues were \$3,396,011; permits and fees were \$161,780; fines and penalties were \$27,825 and leasing revenues from state lands were \$3,206,406. Total revenues increased 535 percent over the 1998 total of \$535,123 due to an unprecedented industry response to a competitive oil and gas lease offering for state land and an increase in drilling permits issued for deep wells.

State Land Leasing and Revenues

The most successful competitive lease sale ever conducted in New York State history was held in May of 1999 for 11 parcels of State lands encompassing 13,061 acres of State Reforestation Areas in Steuben, Schuyler and Chemung Counties. This sale netted \$3,027,580 in bonus bids for the State and drew a record bonus bid of \$312.54 per acre for 6,900 acres of Schuyler State Reforestation Area No. 2. A second sale has been initiated for 23,000 acres of State Reforestation Areas in Schuyler and Steuben Counties.

Major natural gas discoveries in central New York have stimulated oil and gas operator interest. Deep tests being drilled in the western and central parts of the state along with horizontal drilling have led to increased leasing activity.

At year end 1999, the Division managed 84 leases covering 61,472 acres of state land for an increase of 27 percent from the 1998 year-end total of 48,410 acres. Production royalties generated from 17,197 acres of this land totaled \$65,771. The remaining 44,275 acres yielded \$3,140,635 from bonus money, delay rentals and storage fees.

Total revenues from the onshore leasing program in 1999 were \$3,206,406, an increase of 1,047 percent from the \$279,523 earned in 1998. This increase is due primarily to additional acreage being leased.

Obtaining Leasing Information

Information on county maps showing the location of State acreage within a county and printouts of available acreage can be obtained by contacting the Division's leasing staff in Albany. The Department of Environmental Conservation is the designated agent for development of hydrocarbon leases on all eligible state lands. Leasing of state park lands and lands under the waters of Lake Ontario is prohibited. Lands underlying Lake Erie may be leased for only gas development; oil exploration and production is prohibited. Persons wishing to lease state lands may nominate tracts to be put up for competitive public bid. The minimum bid is five dollars per acre and each parcel nominated must be accompanied by a bid guarantee deposit. The bid guarantee is \$500 per nominated area plus \$1 per acre and is applied toward the bonus bid or refunded if the nominating party is out-bid. Noncompetitive leases may be granted for small parcels of state owned land in order to consolidate drilling or production units controlled by a single entity.

All hydrocarbon leases must have the approval of the State agency with jurisdiction over the land. Special stipulations are included in most drilling leases for protection of endangered species, archeological sites, recreational sites, and wetlands.

SOLUTION SALT MINING**Peter S. Briggs**

Five solution mining facilities in New York (see map 6 on page 17) produced 2.14 billion gallons of saturated brine, or about 2.5 million metric tons of salt, in 1999. Operators of these facilities injected 2.17 billion gallons of fresh and recycled plant process water into bedded salt zones of the Upper Silurian Salina Group to recover the brine. Brine withdrawals for 1999 represent a slight increase compared to 1998's figure of 2.10 billion gallons. The value of New York's 1999 solution salt mining production is estimated at \$100 million.

The 144 operating wells reported in 1999 include injection wells, withdrawal wells, wells equipped for both injection and withdrawal, and standby wells. Table 5 gives the status of operating wells at each facility. Solution miners in New York withdraw brine from both single-well and multi-well caverns. Operators of multi-well caverns sometimes alternate wells between injection and

withdrawal in order to balance dissolution (which occurs mostly at the injection well), thereby controlling the size and shape of the caverns. Other techniques used to maximize salt production while obtaining cavern stability include hydrofracturing, horizontal drilling and roof padding.

U.S. Salt, Cargill, and Morton produced brine to supply on-site evaporation plants which manufacture and package table salt, water conditioning salt, and salt for other uses. Texas Brine's fields supply two chemical manufacturing plants in Niagara Falls via 60-mile-long brine pipelines. In 1999, solution miners accounted for over 50 percent of New York's total mined salt production, with the remainder extracted by conventional underground mining. According to statistics compiled by the U.S. Geological Survey, New York typically ranks third among the states in total annual salt production volume.

STATUS OF SOLUTION SALT MINING IN NEW YORK, 1999

| OPERATOR | COUNTY | TOWN | PLUGGED WELLS | OPERATING WELLS | YEAR STARTED |
|-----------------|---------------|---------------------------------------|--------------------------|----------------------------|-------------------------|
| U.S. Salt | Schuyler | Reading | 61 | 10 | 1893 |
| Cargill | Schuyler | Dix | 13 | 13 | 1898 |
| Morton | Wyoming | Castile & Gainesville | 24 | 17 | 1884 |
| Texas Brine | Wyoming | Middlebury (Dale field) | 79 | 55 | 1970 |
| Texas Brine | Wyoming | Middlebury (Wyoming Village field) | 11 | 49 | 1984 |
| Total | | | 188 | 144 | |

Table 5. Status of Solution Salt Mining in New York, 1999.

REGION 8 REVIEW

Randy Nemecek - Region 8 Minerals Manager

Trenton/Black River exploration during 1999 was extraordinary. Commercially productive wells were confined to Northern Steuben County. However, successful wells were drilled in the Towns of Cohocton and Hornby in Steuben County and the Town of Jerusalem in Yates County. In addition to these discoveries, operators continued to pursue Trenton/ Black River prospects in Cortland, Onondaga, Schuyler and Yates Counties.

The Trenton/Black River play has attracted national attention as we received calls and visits from company representatives on a daily basis. In addition to industry interest, we continued to receive a heavy volumes of calls from landowners asking questions regarding the leasing process. Although the Department does not become involved in these private matters, it is a good opportunity to discuss the Department's role in oil and gas operations. Staff was also invited to participate in meetings with local governments, special interest groups and public service organizations such as County Cornell Cooperative Extensions.

It is no secret that when a successful Trenton/Black River well is drilled the potential exists for a large flare, arrival of fire departments for safety purposes and significant noise and activity on site. Successful wells received a fair amount of media attention and the news of a big well travels fast in the community.

It is important that operators maintain lines of communication with local governments and inform their lessors of the type of activity that could be expected from drilling and drill-through operations. Explaining and dealing with issues at the beginning of a drilling project improves public relations which can pay substantial dividends when dealing with local governments and landowners.

Although Trenton/Black River drilling accounts for most of the oil and gas activity with nearly 40 wells in Regions 7 and 8, operators continue to drill in the more traditional formations. During 1999, two Oriskany prospects were drilled in Broome and Steuben Counties. In addition, five wells were drilled in Madison County. Two oil wells were drilled in Steuben County, one Medina well in Genesee County and one solution salt well was drilled in Schuyler County. (See the listings of permitted wells on pg. 22, completed wells on pg. 26 and Map 4 on pg. 7 for details).

The new millennium started with more operators pursuing deep Trenton/ Black River production in frontier areas. It is safe to say that as of this writing, the year 2000 publication will contain the most interesting and exciting Region 6, 7 and 8 report yet.



The Ballam-Carter #1 being drilled by Columbia Natural Resources in the Town of Pulteney, Steuban County.



Columbia Natural Resources' Rehebien/ Call #1 "Raising the Mast" on Union Drilling's rig #38 in the Town of Dryden, Tompkins County.



Walters #623641 "Running Casing". Drilled by Columbia Natural Resources, Town of Jerusalem, Yates County.



Costanza #1 Town of Italy, Yates County being drilled by Beldan & Blake Corp. within a "Quality Deer Management Area."



Reclamation work in progress after drilling and completion of the Jimerson #1240 drilled by Pennsylvania General Energy in the Town of Hornby, Steuben County. Shown above is what is know as a "Christmas Tree".

REGION 9 YEARLY HIGHLIGHTS

Jack Dahl - Region 9 Minerals Manager

Drilling activity was up significantly when compared to 1998. The Olean office received 57 drilling and 124 plugging applications. Drilling applications increased by 21% which represents an additional 10 applications received. The rise in 1999 oil prices from their record low in 1998 resulted in a corresponding increase in oil wells drilled. Twenty-three oil wells were drilled in 1999 compared to only one last year.

Another area of increased activity was in the category of well transfers. The Region 9 office received over 1,600 transfer requests in 1999. This represents an increase of approximately 500 wells. Staff time was diverted from other projects to meet this unexpected workload.

Brine tank inspections continued as a special project in 1999. The relatively low product prices appear to have taken a great toll on equipment replacement. Many gas field brine tanks were found to be deteriorated to the point of literally falling in on themselves. Active brine tank leaks

were discovered during our inspections. As a result of the brine tank integrity violations, several consent orders were signed. Fines increased in 1999 to over \$20,000. A direct result of the consent orders and inspection program is that brine tanks are being replaced and the negative impacts of leaking brine are being eliminated. Improved reporting of equipment status by well tenders to their superiors has also occurred.

Our database of over 34,000 wells is growing as regional staff continue to do field work with GPS (global positioning system) equipment locating abandoned or "lost" wells. Researching early literature indicates that tens of thousands of wells which were drilled prior to regulation have not been reported or registered. These wells are from abandoned oil leases containing hundreds of wells for which the State has no completion, casing or production history. Region 9 staff located an additional 270 wells in 1999. The GPS project will continue each year to locate abandoned and/or unregistered wells.



DEC Region 9 Minerals employee Jim Rucinski utilizing GPS equipment to accurately record an abandoned oil well location - taken in Allentown, Allegany County.



A rusted brine tank in the Town of Sherman, Chautauqua County showing "daylight" which allowed brine water to leak out and kill the vegetation down-slope.

UNDERGROUND GAS STORAGE**Kathy Sanford****NATURAL GAS STORAGE****Active Fields**

Table 6 summarizes the 1999 year-end status of underground natural gas storage in New York and Table 7 details activity during the year at each storage field. New York's 22 underground natural gas storage reservoirs (see map 6 on page 17) were 82% full at the end of the reporting year, while year-end working gas in storage represented 63% of working capacity. Combined maximum daily deliverability from New York's natural gas storage fields held steady at 1.41 bcf.

During 1999, the Division processed two underground storage modification permits for capacity increases at existing fields. The modification permit for a 300-mmcf capacity increase at Steuben Gas Storage Company's Adrian Reef field was issued in May 1999. Redefinition of the reservoir and buffer zone boundaries at National Fuel Gas Supply Company's Zoar field resulted in a 361-mmcf increase in capacity, which was permitted in January 2000.

Inactive Fields

Two natural gas storage fields permitted in the mid-1990's remained inactive throughout 1999. The Federal Energy Regulatory Commission (FERC) approved abandonment by sale of one of those fields – the Avoca salt cavern storage project in Steuben County – in September 1999. Ownership and plugging responsibility for the thirteen wells associated with that project have since been transferred to New Avoca Gas Storage, LLC.

The other inactive permit, issued to Arlington Exploration Company for the Thomas Corners field in Steuben County, was transferred to Steuben Gas Storage Company in October 1999. In September 1999, FERC extended the in-service deadline for Thomas Corners field to July 2000.

New Application

Central New York Oil and Gas Company, LLC (CNYOG) submitted an application in November 1999 for an underground storage permit to convert the Stagecoach natural gas production field in Tioga County to storage service. An Oriskany reservoir discovered by Quaker State in 1986, the

Underground Natural Gas Storage, 1999 Summary

| | Onondaga | Oriskany | Medina | Salt Cavern | Total |
|---|-----------------|-----------------|---------------|--------------------|----------------|
| Number of storage fields | 2 | 9 | 10 | 1 | 22 |
| Total number of wells | 43 | 300 | 524 | 3 | 870 |
| Reservoir acreage | 2,473 | 25,841 | 42,630 | 4 | 70,948 |
| Total acreage | 7,112 | 57,051 | 102,946 | 4 | 167,113 |
| Total capacity (bcf) | 10.700 | 121.004 | 57.213 | 2.340 | 191.257 |
| Gas in storage at year-end (bcf) | 9.226 | 95.787 | 50.303 | 1.894 | 157.210 |
| Working capacity (bcf) | 6.863 | 56.727 | 26.000 | 1.450 | 91.040 |
| Year-end working gas (bcf) | 5.389 | 31.510 | 19.089 | 1.004 | 56.992 |
| Max. daily deliverability (mmcf/day) | 100.0 | 671.0 | 496.3 | 145.0 | 1,412.3 |

Table 6. Underground Gas Storage Summary, 1999.

Stagecoach field is nearly depleted after having produced more than 14 bcf of gas from 14 wells.

CNYOG proposes to convert two of three Stagecoach field reservoir compartments to high-deliverability, multi-cycle storage, using horizontal wells that will be drilled for injection and withdrawal of natural gas. CNYOG anticipates storing 16.75 bcf of gas, with an initial working gas capacity of 13.6 bcf and a potential daily withdrawal rate of 500 mmcf. Some of the capacity of the proposed Stagecoach storage field is intended to support a new 520 megawatt gas-fired electric power plant proposed by Twin Tier Power, LLC, an affiliate of CNYOG's parent company. The Stagecoach storage proposal is

currently under review by both NYSDEC and FERC. CNYOG hopes to begin injecting storage gas by August 2001.

LIQUEFIED PETROLEUM GAS STORAGE

New York's three LPG storage operators reported a combined total of 73.6 million gallons of liquefied petroleum gas stored in underground caverns at the end of 1999. This represents 50 percent of total storage capacity. The map on page 17 shows the location of the LPG storage fields.

Construction of the proposed Amoco facility

Underground Natural Gas Storage Field Activity, 1999

| Storage Operator | Storage Field | Total Wells | Total Storage | | Gas to Gas from | | DMD* (mmcf/day) |
|---------------------------------|-----------------|-------------|----------------|---------------|-----------------|-----------------|-----------------|
| | | | Capacity (bcf) | Storage (bcf) | Storage (bcf) | DMD* (mmcf/day) | |
| CNG Transmission Corp. | Woodhull | 51 | 35.9 | 11.9 | 16.1 | 357.0 | |
| Columbia Gas Transmission Corp. | Dundee | 135 | 11.0 | 3.1 | 3.3 | 77.0 | |
| | Greenwood | 7 | 3.6 | 0.1 | 0.1 | 5.0 | |
| | N. Greenwood | 2 | 3.2 | 0.4 | 0.6 | 8.6 | |
| Honeoye Storage Corp. | Honeoye | 39 | 8.7 | 2.9 | 3.2 | 40.0 | |
| National Fuel Gas Supply | Beech Hill | 41 | 23.0 | 4.4 | 4.7 | 66.0 | |
| | Bennington | 64 | 5.0 | 1.9 | 2.1 | 75.3 | |
| | Colden | 166 | 16.2 | 5.4 | 5.5 | 110.0 | |
| | Collins | 47 | 5.9 | 1.8 | 2.1 | 50.0 | |
| | Derby | 14 | 0.3 | 0.1 | 0.1 | 5.0 | |
| | E. Independence | 11 | 6.4 | 2.0 | 2.1 | 14.7 | |
| | Holland | 26 | 2.6 | 0.8 | 1.0 | 25.0 | |
| | Lawtons | 31 | 2.5 | 0.6 | 0.7 | 21.0 | |
| | Limestone | 14 | 19.8 | 1.0 | 1.1 | 37.0 | |
| | Nashville | 71 | 8.5 | 2.6 | 3.0 | 110.0 | |
| | Perrysburg | 40 | 3.9 | 1.2 | 1.5 | 35.0 | |
| | Sheridan | 26 | 3.7 | 0.8 | 0.9 | 25.0 | |
| | Tuscarora | 8 | 6.3 | 2.1 | 2.4 | 57.0 | |
| W. Independence | 31 | 11.8 | 4.1 | 3.7 | 48.7 | | |
| Zoar | 31 | 2.2 | 2.2 | 2.3 | 40.0 | | |
| NYS Electric & Gas | Seneca Lake | 3 | 2.3 | 1.3 | 0.9 | 145.0 | |
| Steuben Gas Storage Co. | Adrian Reef | 12 | 8.5 | 4.0 | 4.2 | 60.0 | |
| Totals | | 870 | 191.3 | 54.6 | 61.4 | 1412.3 | |

* Designed Maximum Deliverability

Table 7. Underground Natural Gas Storage Field Activity, 1999.

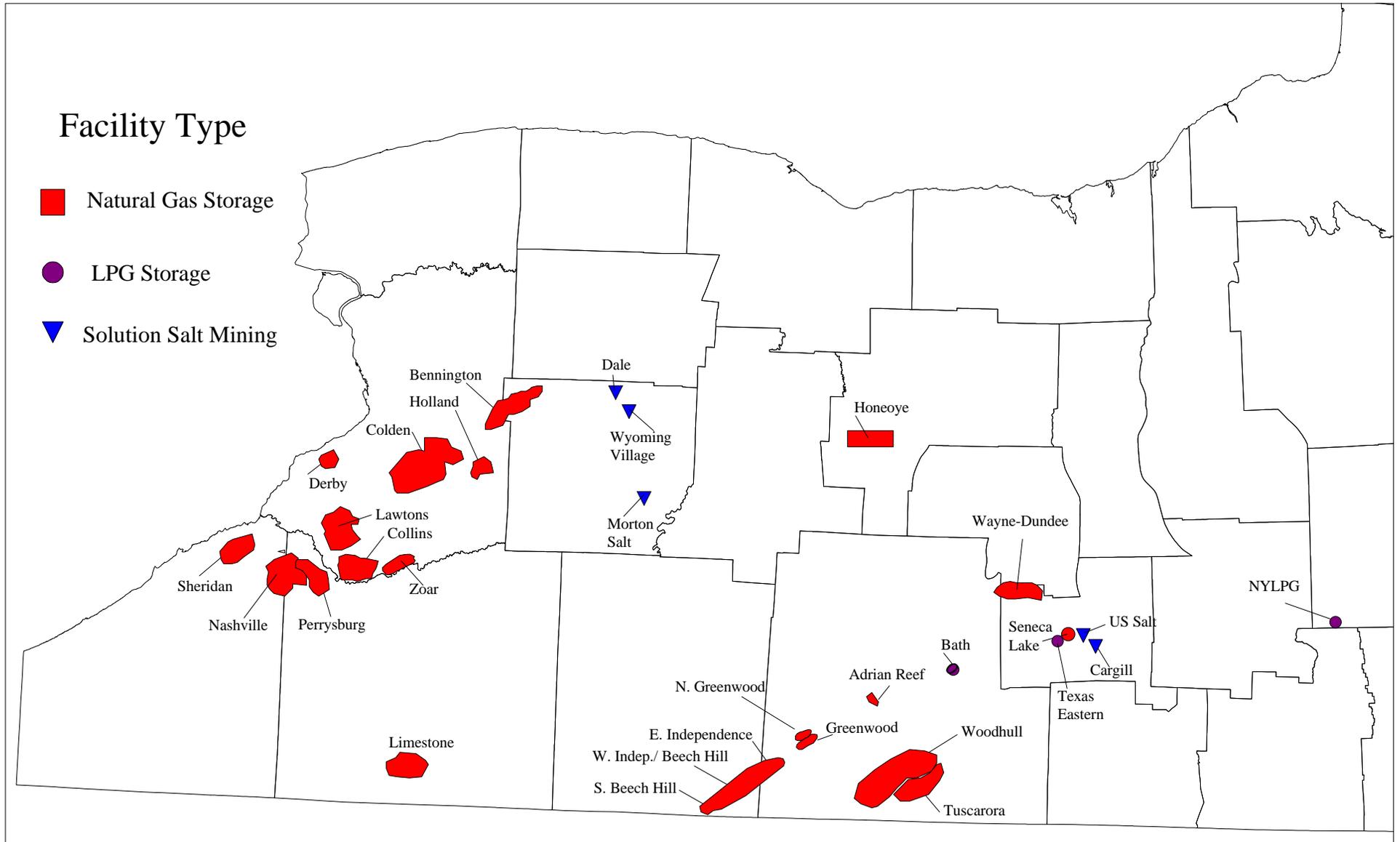
permitted in 1998 for Silver Springs, Wyoming County, remained postponed throughout 1999.

BRINE DISPOSAL

The drilling of brine disposal wells greater than 500 feet deep is regulated by the Division of Mineral Resources. The underground injection for disposal of brine which originates from hydrocarbon production and construction of salt cavern storage facilities is regulated by the Department's Division of Water under its State

Pollutant Discharge Elimination System and the United States Environmental Protection Agency (USEPA) under its Underground Injection Control Class IID well program. Injection volumes reported by the Division are based on operators' reports to the USEPA.

In 1999, New York State had eleven wells classified as brine disposal wells. Six of the eleven wells were shut-in all year. The 1999 injection volume was 27,695 barrels, 55 percent of which was produced and reinjected at two underground gas storage facilities.



Map 6. Underground Gas Storage and Solution Salt Mining Fields, 1999.

MINED LAND RECLAMATION

Steven Potter

The Department of Environmental Conservation issued a total of 502 Mined Land Reclamation permits in 1999, 83 of which were for new mines. Another 54 mines were approved for final reclamation. Total acres reclaimed for the year were 576; this included 340 acres approved as part of final reclamation and 236 acres approved as part of concurrent reclamation. Reclamation objectives were as follows: agriculture - 140 acres; residential uses - 100 acres; industrial - 87 acres; water-based - 125 acres; basic reclamation - 124 acres.

Total value of reclamation financial security held by the Department is \$72,599,247. Total estimated market value of minerals is \$1.5 billion.

Number of Active Regulated Mines

| | Total | Industry |
|--------------------------|--------------|-----------------|
| | 2,489 | 1,839 |
| Acreage affected | 47,907 | 0 |
| Acreage reclaimed | 4,815 | 0 |

Number of Mines by Size

| | |
|----------------|-------------|
| Minor projects | 81 |
| 0-5 acres | 937 |
| 6-10 acres | 607 |
| 11-20 acres | 421 |
| 21-30 acres | 153 |
| > 31 acres | 290 |
| Total | 2489 |

Department staff set up a mining permit application seminar in Hancock to assist small scale bluestone miners with compliance issues surrounding the requirements of the Mined Land Reclamation Law. As a result of Department initiatives, more than 35 bluestone operations were brought into regulatory compliance during 1999.

Illegal bluestone operations and complaints surrounding these mines have been an issue for the department for years. Prior to the Division's initiative, only 13 bluestone mines had valid permits.

American Rock Salt, Inc., made significant progress in constructing their new underground salt mine in the Town of Groveland, Livingston County. Both production shafts reached the final depths of 1300 feet and commercial salt development has begun.

Porter's Concrete Service, in Waverley, was awarded the 1999 New York State Mined Land Reclamation Award at the New York State Fair in Syracuse. The award to Mr. Porter was based on his carefully planned mining and integration of business and personal goals with mine reclamation goals. Mr. Porter has fully reclaimed 111 acres out of the 215 acres that have been affected by mining.

Mr. Joseph Moskiewicz, Mined Land Reclamation Specialist in the Region 7 (Syracuse) office, was elected as president of the National Association of State Land Reclamation (NASLR) at the annual meeting held in Charleston, South Carolina. NASLR is a non-profit organization comprised of states and provinces dedicated to quality reclamation of lands affected by mining. Mr. Moskiewicz's term of office will run through September 2000.

OIL & GAS TABLES & STATISTICS

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Oil & Gas Production by Formation in Each County * 45

^ The following codes describe the well type :

- | | | |
|--|-----------------------------------|--|
| BR = Brine | GE = Gas Extension | RI = Reissued |
| CN = Completion Report Not Received | GW = Gas Wildcat | SG = Stratigraphic |
| DH = Dry Hole | IW = Water Injection | SI = Shut-in |
| DW = Dry Wildcat | xxL = Horizontally Drilled | ST = Storage |
| EX = Expired | xxM = Sidetracked well | TA = Temp. Abandoned - by Application |
| GD = Gas Development | OD = Oil Development | TR = Transfer |

* The statistics for these tables have been derived from information supplied by the producers in their annual production reports to the Division of Mineral Resources. Closing date for compilation of statistics was July 28, 2000.

**DIVISION OF MINERAL RESOURCES
OIL AND GAS STATISTICS *
(1990 - 1999)**

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | Rev. 1996 | Rev. 1997 | Rev. 1998 | Prelim. 1999 |
|--|------------|------------|------------|------------|------------|------------|--------------|--------------|--------------|-----------------|
| ANNUAL PRODUCTION | | | | | | | | | | |
| OIL (1000 BBLs) | 417 | 426 | 406 | 341 | 299 | 304 | 309 | 276 | 217 | 193 |
| GAS (MMCF) | 25,112 | 23,438 | 23,582 | 22,145 | 21,543 | 19,291 | 18,242 | 16,194 | 16,607 | 16,126 |
| WELL STATISTICS | | | | | | | | | | |
| OIL | 3,906 | 3,619 | 3,761 | 3,783 | 3,670 | 3,208 | 3,464 | 3,478 | 3,739 | 3,463 |
| GAS | 5,536 | 5,757 | 5,866 | 5,986 | 6,019 | 6,216 | 5,869 | 5,741 | 5,903 | 5,756 |
| INACTIVE OIL | 1,752 | 1,362 | 939 | 1,137 | 1,326 | 1,117 | 1,650 | 1,265 | 1,590 | 1,165 |
| INACTIVE GAS | 955 | 707 | 563 | 505 | 561 | 667 | 565 | 709 | 579 | 583 |
| STORAGE | 854 | 869 | 865 | 865 | 876 | 866 | 868 | 867 | 885 | 885 |
| ACTIVE BRINE | 63 | 64 | 52 | 80 | 83 | 70 | 64 | 65 | 79 | 87 |
| INACTIVE BRINE ! | 28 | 29 | 16 | 140 | 80 | 52 | 61 | 70 | 57 | 57 |
| WATER INJECTION | 1,274 | 875 | 835 | 859 | 923 | 783 | 668 | 554 | 471 | 223 |
| P&A (DURING YEAR) | 961 | 376 | 244 | 263 | 248 | 219 | 233 | 187 | 169 | 138 |
| NUMBER OF WELLS | 15,329 | 13,658 | 13,141 | 13,618 | 13,786 | 13,198 | 13,442 | 12,936 | 13,472 | 12,357 |
| DRILLING AND COMPLETIONS | | | | | | | | | | |
| 1. TOTAL WELLS SPUDDED | 221 | 213 | 205 | 134 | 133 | 112 | 144 | 91 | 74 | 101 |
| 2. TOTAL WILDCATS | 12 | 10 | 5 | 5 | 2 | 3 | 4 | 3 | 25 | 23 |
| 3. Discoveries | 6 | 5 | 1 | 2 | 1 | 3 | 3 | 2 | 5 | 6 |
| Oil Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Gas Wildcat | 6 | 5 | 1 | 2 | 1 | 3 | 4 | 1 | 5 | 7 |
| 4. TOTAL DRY HOLES | 16 | 17 | 17 | 19 | 7 | 2 | 4 | 3 | 20 | 21 |
| 5. Oil | | | | | | | | | | |
| Development | 43 | 51 | 71 | 26 | 34 | 20 | 71 | 29 | 7 | 25 |
| Extension | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. Gas | | | | | | | | | | |
| Development | 132 | 124 | 73 | 97 | 50 | 28 | 31 | 20 | 30 | 15 |
| Extension | 10 | 4 | 1 | 1 | 1 | 0 | 0 | 1 | 6 | 6 |
| 7. INJECTION | 1 | 0 | 0 | 2 | 0 | 14 | 0 | 0 | 0 | 0 |
| 8. DISPOSAL | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 9. STRATIGRAPHIC | 3 | 0 | 0 | 2 | 41 | 20 | 0 | 0 | 0 | 6 |
| 10. SERVICE | 0 | 1 | 1 | 4 | 0 | 2 | 2 | 0 | 0 | 0 |
| 11. BRINE | 12 | 1 | 15 | 14 | 6 | 14 | 3 | 12 | 19 | 7 |
| 12. STORAGE | 0 | 12 | 13 | 4 | 0 | 7 | 8 | 1 | 3 | 0 |
| 13. Total Completions (3,4,5,6,7,8,9,10,11,12) | 223 | 215 | 192 | 171 | 140 | 110 | 125 | 68 | 90 | 87 |
| FOOTAGE (1000's) Vertical Wells | 564 | 644 | 469 | 477 | 318 | 244 | 313 | 207 | 276 | 261 |
| Deviated Wells | 8 | 32 | 17 | 14 | 4 | 0 | 21 | 3 | 28 | 43 |
| 14. Total Footage Drilled | 572 | 676 | 486 | 491 | 322 | 244 | 334 | 210 | 304 | 304 |
| PROVEN RESERVES AT YEAR END | | | | | | | | | | |
| GAS (MMCF) | | | | | | | | | | |
| A. IN SITU | 266,410 | 265,320 | 252,988 | 245,843 | 232,867 | 219,084 | 205,522 | 192,546 | 189,342 | 65,160 |
| B. IN STORAGE RESERVOIRS | 141,900 | 150,694 | 150,800 | 153,400 | 154,200 | 159,500 | 171,100 | 154,496 | 165,112 | 157,210 |
| C. TOTAL | 408,310 | 416,014 | 403,788 | 399,243 | 387,067 | 378,584 | 376,622 | 347,042 | 354,454 | 354,454 |
| OIL (1000 BBLs) | | | | | | | | | | |
| | 2,001 | 2,100 | 2,962 | 2,900 | 2,800 | 2,850 | 2,900 | 2,645 | 2,428 | 846 |

! Includes unplugged Tully Valley Brine Wells for 1993 & 1994.

* Statistics for lines 2 - 15 are based upon received completions reports from the operators. Statistics computed on July 28, 2000.

Table 9. Division of Mineral Resources Oil and Gas Statistics, 1990 - 1999.

WILDCATS & FIELD EXTENSIONS, NEW YORK STATE, 1999**WILDCATS**

| Well Name | API # | Operator | County | Formation | TD Result |
|--------------------------|-----------------|-----------------------------|---------------|------------------|------------------|
| Wicks 1 | 31-007-22807 | Cabot Oil & Gas Corp. | Broome | Oriskany | 5,016 Discovery |
| Hall 400 | 31-013-11876 | Belden & Blake Corporation | Chautauqua | Onondaga | 2,363 Discovery |
| Bilodeau 1 | 31-023-22805 | Columbia Natural Resources | Cortland | | 7,260 D&A* |
| Sherman 1 | 31-023-22818 | Columbia Natural Resources | Cortland | | 2,716 D&A* |
| Underwood 1 | 31-023-22798 | Columbia Natural Resources | Cortland | | 7,240 D&A* |
| White Eagle Farms M-99-7 | 31-053-22802 | Nornew, Inc | Madison | Helderberg | 1,128 Discovery |
| Dell-Stilwell 1 | 31-097-22794 | Columbia Natural Resources | Schuyler | | 7,650 D&A* |
| Forte 1 | 31-097-21725 | Columbia Natural Resources | Schuyler | | 8,275 D&A* |
| Rumsey 1 | 31-097-22799 | Columbia Natural Resources | Schuyler | | 8,050 D&A* |
| S & D Farms 1-B | 31-101-22758-01 | Columbia Natural Resources | Steuben | Black River | 7,468 Discovery |
| Jimerson 1240 | 31-101-22771 | Pennsylvania General Energy | Steuben | Black River | 9,710 Discovery |
| Wise #1 | 31-101-22765-01 | Columbia Natural Resources | Steuben | | 7,642 D&A* |
| Wolcott #1-623284 | 31-101-22760-01 | Columbia Natural Resources | Steuben | | 7,916 D&A* |
| Duddlestone 1 | 31-109-22767 | Columbia Natural Resources | Tompkins | | 7,454 D&A* |
| Wolf 1 | 31-109-21711 | Columbia Natural Resources | Tompkins | | 2,153 D&A* |
| Agliata 1 | 31-123-22790-01 | Columbia Natural Resources | Yates | | 7,020 D&A* |
| Knapp 2 | 31-123-22773 | Columbia Natural Resources | Yates | | 7,598 D&A* |
| Knapp 3 | 31-123-22774 | Columbia Natural Resources | Yates | | 7,101 D&A* |
| Martin-Repacki 1 | 31-123-22795 | Columbia Natural Resources | Yates | | 7,836 D&A* |
| Martin-Repacki 1-A | 31-123-22795-01 | Columbia Natural Resources | Yates | | 7,422 D&A* |
| Silk 1 | 31-123-22776 | Columbia Natural Resources | Yates | Black River | 7,179 Discovery |
| Walters 1-A | 31-123-22775-01 | Columbia Natural Resources | Yates | | 6,041 D&A* |
| Zimmerman 1 | 31-123-22796 | Columbia Natural Resources | Yates | | 7,445 D&A* |

FIELD EXTENSIONS

| Well Name | API # | Operator | County | Formation | TD Field |
|---------------------|-----------------|------------------------------|---------------|------------------|---------------------------|
| Hofmann Unit 1 | 31-029-23297 | U S Energy Development Corp. | Erie | Medina | 3,058 Concord |
| Hillage M-99-3 | 31-053-21729 | Nornew, Inc. | Madison | Oneida | 2,615 Bradley Brook |
| Smith M-99-15 | 31-053-22817 | Nornew, Inc. | Madison | Oneida | 3,143 Bradley Brook |
| White Eagle Farms 1 | 31-053-21727 | Nornew, Inc. | Madison | Oneida | 2,936 Bradley Brook |
| Ballam-Carter 1 | 31-101-22769 | Columbia Natural Resources | Steuben | Black River | 7,581 Glodes Corners Road |
| Egressi 1 | 31-101-22772 | Columbia Natural Resources | Steuben | Black River | 7,152 Glodes Corners Road |
| Covert 2 | 31-101-22768 | Columbia Natural Resources | Steuben | Black River | 7,385 Glodes Corners Road |
| Radigan 1-A | 31-101-21703-01 | Columbia Natural Resources | Steuben | Black River | 6,698 Glodes Corners Road |
| Wolcott 1-A | 31-101-22760-01 | Columbia Natural Resources | Steuben | Black River | 7,916 Pine Hill |

* Dry & Abandoned

Table 10. Wildcats & Field Extensions, New York State, 1999.

PERMITS ISSUED DURING 1999

| TOWN | OWNER | API NUMBER | WELL NAME | ISSUE DATE | SPUD DATE |
|--------------------|----------------------------|------------------|----------------------|---------------|--------------|
| Allegany | | | | | |
| Andover | Otis Eastern Service, Inc. | 003 - 23296 | Joyce-Harris #2A | 05/17/1999 | 07/22/1999 |
| Andover | Otis Eastern Service, Inc. | 003 - 23314 | Horan Unit #1 | 08/31/1999 | **/**/**** |
| Andover | Otis Eastern Service, Inc. | 003 - 23317 | Dougherty P. #1 | 09/30/1999 | 11/03/1999 |
| Independence | Potter Oil Company | 003 - 22631 | Potter #14 | 08/20/1999 | 04/26/1997 |
| Independence | Potter Oil Company | 003 - 23313 | Potter #13 | 08/23/1999 | 09/20/1999 |
| Independence | Plants & Goodwin | 003 - 23321 | Chapin-Robbins #1 | 10/15/1999 | **/**/**** |
| Wirt | Plants & Goodwin | 003 - 23330 | Nelson #26 | 12/03/1999 | **/**/**** |
| Broome | | | | | |
| Colesville | Cabot Oil & Gas Corp. | 007 - 22807 | Wicks 1 | 10/07/1999 | 10/21/1999 |
| Cattaraugus | | | | | |
| Allegany | Quail Energy Corp. | 009 - 23287 | Mallory NR#1 | 04/16/1999 | 04/20/1999 |
| Allegany | Quail Energy Corp. | 009 - 23288 | Mallory NR#2 | 04/16/1999 | 05/17/1999 |
| Allegany | Quail Energy Corp. | 009 - 23289 | Mallory NR#3 | 04/16/1999 | 05/05/1999 |
| Allegany | Quail Energy Corp. | 009 - 23303 | Mallory NR#4 | 06/01/1999 | 07/15/1999 |
| Allegany | Quail Energy Corp. | 009 - 23304 | Mallory NR#5 | 06/01/1999 | 06/21/1999 |
| Allegany | Quail Energy Corp. | 009 - 23305 | Mallory NR#6 | 06/01/1999 | 07/05/1999 |
| Allegany | Quail Energy Corp. | 009 - 23337 | Mallory RO-CK 8 | 12/28/1999 | 01/10/2000 |
| Allegany | Quail Energy Corp. | 009 - 23333 | Mallory EST. RO-CK 7 | 01/03/2000 | 02/12/2000 |
| Ashford | Schweikert, William K. | 009 - 21860 | Schwerkert-Scharf #1 | 07/20/1999 | 04/16/1990 |
| Carrollton | Woods Oil Company, Inc. | 009 - 23298 | Woods #13 | 06/01/1999 | 06/12/1999 |
| Carrollton | Woods Oil Company, Inc. | 009 - 23299 | Woods #14 | 06/01/1999 | 06/07/1999 |
| Carrollton | Woods Oil Company, Inc. | 009 - 23300 | Woods #15 | 06/01/1999 | 06/04/1999 |
| Carrollton | Woods Oil Company, Inc. | 009 - 23301 | Woods #16 | 06/01/1999 | 06/02/1999 |
| Carrollton | Woods Oil Company, Inc. | 009 - 23302 | Woods #17 | 06/01/1999 | 06/15/1999 |
| Carrollton | Quail Energy Corp. | 009 - 23312 | Monighan RO-CK-2 | 08/18/1999 | 08/19/1999 |
| Carrollton | Quail Energy Corp. | 009 - 23315 | Monighan #RO-CK-3 | 09/03/1999 | **/**/**** |
| Carrollton | Quail Energy Corp. | 009 - 23316 | Monighan #RO-CK-1 | 09/03/1999 | **/**/**** |
| Dayton | Texas Keystone, Inc. | 009 - 23326 | Smeader #1 | 11/23/1999 | 12/09/1999 |
| Dayton | Texas Keystone, Inc. | 009 - 23327 | Smeader #2 | 11/23/1999 | 12/18/1999 |
| Dayton | Texas Keystone, Inc. | 009 - 23328 | Colvenbach #1 | 11/23/1999 | 01/06/2000 |
| Dayton | Texas Keystone, Inc. | 009 - 23329 | Colvenbach #2 | 11/23/1999 | 12/29/1999 |
| Dayton | Texas Keystone, Inc. | 009 - 23335 | Falk #2 | 12/24/1999 | 02/07/2000 |
| Dayton | Texas Keystone, Inc. | 009 - 23336 | Allen #1 | 12/24/1999 | 02/24/2000 |
| Leon | Nornew, Inc. | 009 - 22675 | Shetler M. #1 | 03/24/1999 | 09/13/1999 |
| Leon | Wilkes Energy, Inc. | 009 - 23319 | Green #1 | 10/05/1999 | 03/21/2000 |
| Leon | Nornew, Inc. | 009 - 23320 | Shetler, M #2A | 10/12/1999 | 10/13/1999 |
| Leon | Seneca Resources Corp. | 009 - 23331 | Pannella #7417 | 12/07/1999 | 03/22/2000 |
| Olean | CNG Transmission Corp. | 009 - 23306 - 00 | Quilan, J QW-3 | 06/15/1999 | **/**/**** |
| Persia | Texas Keystone, Inc. | 009 - 23324 | Allen #2 | 11/23/1999 | 01/17/2000 |
| Persia | Texas Keystone, Inc. | 009 - 23325 | Falk #1 | 11/23/1999 | 02/16/2000 |
| Persia | Texas Keystone, Inc. | 009 - 23334 | Ackley #1 | 12/24/1999 | 01/25/2000 |

PERMITS ISSUED DURING 1999

| TOWN | OWNER | API NUMBER | WELL NAME | ISSUE DATE | SPUD DATE |
|-------------------|-------------------------------|-----------------------|----------------------|-----------------------|----------------------|
| Cayuga | | | | | |
| Ira | RSE Partners-I, L.P. | 011 - 22810 - 00 | Townsend 1-14 | 10/07/1999 | **/**/**** |
| Chautauqua | | | | | |
| Busti | Stedman Energy, Inc. | 013 - 23322 | Curtis #1 | 10/22/1999 | 11/17/1999 |
| Chautauqua | Belden & Blake Corporation | 013 - 11876 | Hall 400 | 04/07/1999 | 04/20/1976 |
| Chautauqua | Belden & Blake Corporation | 013 - 11876 | Hall 400 | 11/03/1999 | 04/20/1976 |
| Gerry | Nornew, Inc. | 013 - 23245 | Reed, R #1 | 06/14/1999 | **/**/**** |
| North Harmo | Resource America, Inc. | 013 - 23323 - 01 | Carr 5-B | 10/29/1999 | **/**/**** |
| Chemung | | | | | |
| Van Etten | Potter-Mckean Resources | 015 - 04222 | Cotton & Hanlon 1 | 10/06/1999 | **/**/**** |
| Van Etten | Potter-Mckean Resources | 015 - 61600 | Cotton-Hanlon 1A | 10/06/1999 | 10/06/1999 |
| Cortland | | | | | |
| Cortlandville | Columbia Natural Resources | 023 - 22805 | Bilodeau 1 (623836) | 09/13/1999 | 10/28/1999 |
| Cortlandville | Columbia Natural Resources | 023 - 22806 | Norman 1 (623833) | 09/13/1999 | **/**/**** |
| Cortlandville | Columbia Natural Resources | 023 - 22805 - 01 | Bilodeau 1 (623836) | 12/01/1999 | 12/01/1999 |
| Solon | Columbia Natural Resources | 023 - 22798 | Underwood 1 (623835) | 08/17/1999 | 09/23/1999 |
| Solon | Columbia Natural Resources | 023 - 22798 - 01 | Underwood 1 (623835) | 10/12/1999 | 10/12/1999 |
| Solon | Columbia Natural Resources | 023 - 22815 | Polhemus 1 (623832) | 10/13/1999 | **/**/**** |
| Virgil | Columbia Natural Resources | 023 - 22818 | Sherman 1 (623635) | 10/27/1999 | 11/08/1999 |
| Erie | | | | | |
| Concord | U S Energy Development Corp. | 029 - 23297 | Hofmann Unit #1 | 05/21/1999 | 06/07/1999 |
| Concord | U S Energy Development Corp. | 029 - 23332 | Watz Unit #1 | 12/08/1999 | **/**/**** |
| Newstead | Subsea Oil & Gas, Inc. | 029 - 23318 | Krumpf #1 | 10/05/1999 | 11/16/1999 |
| Genesee | | | | | |
| Pembroke | Subsea Oil & Gas, Inc. | 037 - 22792 | Parks 1 | 07/22/1999 | 09/08/1999 |
| Livingston | | | | | |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22782 | 1 | 05/24/1999 | 07/16/1999 |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22783 | 2 | 05/24/1999 | 07/23/1999 |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22784 | 3 | 05/24/1999 | 07/12/1999 |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22785 | 4 | 05/24/1999 | 06/28/1999 |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22786 | 5 | 05/24/1999 | 07/02/1999 |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22787 | 6 | 05/24/1999 | 06/17/1999 |

PERMITS ISSUED DURING 1999

| TOWN | OWNER | API NUMBER | WELL NAME | ISSUE DATE | SPUD DATE |
|-----------------|-------------------------------|------------------|--------------------------|---------------|--------------|
| Madison | | | | | |
| Eaton | Nornew, Inc. | 053 - 21729 | Hillage M-99-3 | 09/14/1999 | 09/22/1999 |
| Lebanon | Nornew, Inc. | 053 - 22801 | Branagan M-99-11 | 09/14/1999 | **/**/**** |
| Lebanon | Nornew, Inc. | 053 - 22802 | White Eagle Farms M-99 | 09/14/1999 | 10/03/1999 |
| Lebanon | Nornew, Inc. | 053 - 22803 | Lodor M-99-2 | 09/14/1999 | 09/29/1999 |
| Lebanon | Nornew, Inc. | 053 - 22816 | Branagan M-99-11 | 10/06/1999 | 10/08/1999 |
| Lebanon | Nornew, Inc. | 053 - 22817 | Smith M-99-15 | 10/12/1999 | 10/13/1999 |
| Onondaga | | | | | |
| Lysander | RSE Partners-I, L.P. | 067 - 22809 - 00 | Bartoszewski 1-14 | 10/06/1999 | 11/01/1999 |
| Schuyler | | | | | |
| Hector | Columbia Natural Resources | 097 - 22793 | Cook 1 | 07/26/1999 | 11/02/1999 |
| Hector | Columbia Natural Resources | 097 - 22794 | Dell-Stilwell 1 (623749) | 09/21/1999 | 11/18/1999 |
| Hector | Columbia Natural Resources | 097 - 22794 - 01 | Dell-Stilwell 1 (623749) | 12/08/1999 | 12/09/1999 |
| Hector | Columbia Natural Resources | 097 - 22823 | Austic 1 (623809) | 12/20/1999 | **/**/**** |
| Reading | US Salt LLC | 097 - 22770 | Well 61 | 02/02/1999 | 04/06/1999 |
| Tyrone | Columbia Gas Trans Corp. | 097 - 01126 | Bannach 12431 | 05/06/1999 | 07/19/1999 |
| Tyrone | Columbia Natural Resources | 097 - 22799 | Rumsey 1 (623838) | 08/09/1999 | 10/07/1999 |
| Tyrone | Columbia Natural Resources | 097 - 22799 - 01 | Rumsey 1 (623838) | 10/20/1999 | 10/20/1999 |
| Steuben | | | | | |
| Cohocton | Columbia Natural Resources | 101 - 22758 - 01 | S & D Farms 623504 | 02/16/1999 | 02/16/1999 |
| Cohocton | Columbia Natural Resources | 101 - 22760 - 01 | Wolcott 623284 | 03/31/1999 | 04/19/1999 |
| Greenwood | Otis Eastern Service, Inc. | 101 - 22813 | Mckeown 1 | 10/13/1999 | 10/25/1999 |
| Hornby | Pennsylvania General Energy | 101 - 22771 | Jimerson 1240 | 01/21/1999 | 03/01/1999 |
| Hornby | Pennsylvania General Energy | 101 - 22814 | Howe 1300 | 10/13/1999 | 01/05/2000 |
| Prattsburg | Columbia Natural Resources | 101 - 22768 | Covert 2 | 01/19/1999 | 05/14/1999 |
| Pulteney | Columbia Natural Resources | 101 - 22769 | Ballam-Carter 1 | 01/05/1999 | 06/12/1999 |
| Pulteney | Columbia Natural Resources | 101 - 22772 | Egresi 1 | 02/03/1999 | 02/12/1999 |
| West Union | Richardson Petroleum Corp. | 101 - 22777 | Edwards II 1 | 05/20/1999 | 08/30/1999 |
| West Union | Richardson Petroleum Corp. | 101 - 22778 | Edwards II 2 | 05/20/1999 | 09/09/1999 |
| West Union | Richardson Petroleum Corp. | 101 - 22779 | Edwards II 3 | 05/20/1999 | 09/15/1999 |
| West Union | Yahn & Yahn | 101 - 22808 | Schultz 71 | 10/13/1999 | 10/14/1999 |
| West Union | Richardson Petroleum Corp. | 101 - 22780 | Edwards II 7 | 03/23/2000 | **/**/**** |
| West Union | Richardson Petroleum Corp. | 101 - 22781 | Edwards II 8 | 03/23/2000 | **/**/**** |
| Tioga | | | | | |
| Owego | Central New York Oil & Gas Co | 107 - 22820 | Rosenberger 1 | 12/16/1999 | **/**/**** |
| Owego | Central New York Oil & Gas Co | 107 - 22821 | CNYOG 1 | 12/16/1999 | **/**/**** |

PERMITS ISSUED DURING 1999

| TOWN | OWNER | API NUMBER | WELL NAME | ISSUE DATE | SPUD DATE |
|-----------------|----------------------------|------------------|--------------------|---------------|--------------|
| Tompkins | | | | | |
| Dryden | Columbia Natural Resources | 109 - 22788 - 00 | Call 1 (623698) | 07/02/1999 | **/**/**** |
| Dryden | Columbia Natural Resources | 109 - 22789 - 00 | Rehebein/Call 1 | 07/02/1999 | 07/20/1999 |
| Dryden | Columbia Natural Resources | 109 - 22789 - 01 | Rehebein/Call 1 | 08/30/1999 | 08/29/1999 |
| Dryden | Columbia Natural Resources | 109 - 21711 | Wolf 1 | 10/18/1999 | 11/03/1999 |
| Dryden | Columbia Natural Resources | 109 - 22819 | Sherman 1 (623808) | 11/30/1999 | **/**/**** |
| Wyoming | | | | | |
| Middlebury | Texas Brine Corp. | 121 - 23290 | Hooker #98 | 05/17/1999 | 08/22/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23291 | Hooker #113 | 05/17/1999 | 08/14/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23292 | Hooker #146 | 05/17/1999 | 07/21/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23293 | Hooker #147 | 05/17/1999 | 08/08/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23294 | Hooker #148 | 05/17/1999 | 08/02/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23295 | Hooker #149 | 05/17/1999 | 07/29/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23308 | Texas Brine #44 | 07/21/1999 | 08/31/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23309 | Texas Brine #43 | 07/21/1999 | 09/12/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23310 | Texas Brine #82 | 07/21/1999 | 09/22/1999 |
| Middlebury | Texas Brine Corp. | 121 - 23311 | Texas Brine #45 | 07/21/1999 | 09/06/1999 |
| Yates | | | | | |
| Barrington | Columbia Natural Resources | 123 - 22773 | Knapp 2 | 02/22/1999 | 05/01/1999 |
| Barrington | Columbia Natural Resources | 123 - 22774 | Knapp 3 | 02/22/1999 | 04/23/1999 |
| Barrington | Columbia Natural Resources | 123 - 22776 | Silk 1 (623638) | 05/04/1999 | 05/20/1999 |
| Barrington | Columbia Natural Resources | 123 - 22773 - 01 | Knapp 2 | 05/13/1999 | 05/14/1999 |
| Barrington | Columbia Natural Resources | 123 - 22791 | Bauer 1 (623781) | 06/09/1999 | 07/21/1999 |
| Barrington | Columbia Natural Resources | 123 - 22795 | Martin-Repacki 1 | 07/26/1999 | 08/26/1999 |
| Barrington | Columbia Natural Resources | 123 - 22796 | Zimmerman 1 | 07/26/1999 | 08/03/1999 |
| Barrington | Columbia Natural Resources | 123 - 22796 - 01 | Zimmerman 1 | 08/16/1999 | 02/02/2000 |
| Barrington | Columbia Natural Resources | 123 - 22795 - 01 | Martin-Repacki 1 | 09/09/1999 | 09/09/1999 |
| Barrington | Columbia Natural Resources | 123 - 22791 - 01 | Bauer 1 (623781) | 10/21/1999 | 02/21/2000 |
| Jerusalem | Columbia Natural Resources | 123 - 22775 - 00 | Walters 623641 | 03/23/1999 | 04/08/1999 |
| Jerusalem | Columbia Natural Resources | 123 - 22775 - 01 | Walters 623641 | 05/27/1999 | 06/07/1999 |
| Jerusalem | Columbia Natural Resources | 123 - 22797 | Bedient 1 (623788) | 08/02/1999 | 09/24/1999 |
| Milo | Columbia Natural Resources | 123 - 22790 | Agliata 1 (623780) | 06/09/1999 | 06/22/1999 |
| Milo | Columbia Natural Resources | 123 - 22790 - 01 | Agliata 1 (623780) | 07/08/1999 | 07/08/1999 |

Table 11. Permits Issued During 1999.

WELLS COMPLETED DURING 1999

| TOWN | OWNER | API NUMBER | WELL NAME | TD COMPL DATE | WELL FIELD/ TYPE POOL |
|--------------------|------------------------------|---------------|-------------------------|------------------|--------------------------|
| Allegany | | | | | |
| Amity | Vandermark Exploration, Inc. | 003 - 23252 | Ramsey #4 | 3,674 07/01/1999 | GD Gordon Brook |
| Andover | Otis Eastern Service, Inc. | 003 - 23296 | Joyce-Harris #2A | 1,851 09/13/1999 | OD Fulmer Valley |
| Independence | Potter Oil Company | 003 - 22631 | Potter #14 | 0 10/03/1999 | OD Beech Hill-Indep.# |
| Independence | Potter Oil Company | 003 - 23313 | Potter #13 | 2,300 09/28/1999 | OD Beech Hill-Indep.# |
| Broome | | | | | |
| Colesville | Cabot Oil & Gas Corp. | 007 - 22807 | Wicks 1 | 5,016 12/28/1999 | GW NPA* |
| Cattaraugus | | | | | |
| Allegany | Cal Ban Corp. | 009 - 22296 | Hanzel #4 | 1,219 07/23/1999 | OD Five Mile |
| Allegany | Quail Energy Corp. | 009 - 23287 | Mallory NR#1 | 1,940 07/07/1999 | OD Chipmunk |
| Allegany | Quail Energy Corp. | 009 - 23288 | Mallory NR#2 | 1,945 07/15/1999 | OD Chipmunk |
| Allegany | Quail Energy Corp. | 009 - 23289 | Mallory NR#3 | 1,905 07/19/1999 | OD Chipmunk |
| Allegany | Quail Energy Corp. | 009 - 23303 | Mallory NR#4 | 1,825 10/03/1999 | OD Chipmunk |
| Allegany | Quail Energy Corp. | 009 - 23304 | Mallory NR#5 | 1,948 09/20/1999 | OD Chipmunk |
| Allegany | Quail Energy Corp. | 009 - 23305 | Mallory NR#6 | 1,816 10/01/1999 | OD Chipmunk |
| Carrollton | Quail Energy Corp. | 009 - 23312 | Monighan RO-CK-2 | 1,145 09/03/1999 | OD Chipmunk |
| Carrollton | Woods Oil Company, Inc. | 009 - 23298 | Woods #13 | 1,525 07/20/1999 | OD Bradford |
| Carrollton | Woods Oil Company, Inc. | 009 - 23299 | Woods #14 | 1,615 07/15/1999 | OD Bradford |
| Carrollton | Woods Oil Company, Inc. | 009 - 23300 | Woods #15 | 1,641 07/13/1999 | OD Bradford |
| Carrollton | Woods Oil Company, Inc. | 009 - 23301 | Woods #16 | 1,703 07/08/1999 | OD Bradford |
| Carrollton | Woods Oil Company, Inc. | 009 - 23302 | Woods #17 | 1,343 07/22/1999 | OD Bradford |
| Leon | Nornew, Inc. | 009 - 22675 | Shetler M. #1 | 3,455 11/02/1999 | GD Lakeshore |
| Leon | Nornew, Inc. | 009 - 22708 | Shetler M #2 | 1,041 09/27/1999 | DH Lakeshore |
| Leon | Nornew, Inc. | 009 - 23320 | Shetler, M #2A | 3,435 11/02/1999 | GD Lakeshore |
| New Albion | Texas Keystone, Inc. | 009 - 23280 | Catt. Rod & Gun Club #2 | 3,955 05/05/1999 | GD Lakeshore |
| Persia | Texas Keystone, Inc. | 009 - 23281 | Burr#1 | 3,457 05/05/1999 | GD Lakeshore |
| Persia | Texas Keystone, Inc. | 009 - 23282 | Bowers #2 | 3,489 06/07/1999 | GD Lakeshore |
| Persia | Texas Keystone, Inc. | 009 - 23283 | Bowers #3 | 3,489 05/19/1999 | GD Lakeshore |
| Persia | Texas Keystone, Inc. | 009 - 23284 | Bowers #4 | 3,458 05/19/1999 | GD Lakeshore |
| Persia | Texas Keystone, Inc. | 009 - 23286 | Bowers #1 | 3,489 06/07/1999 | GD Lakeshore |
| Chautauqua | | | | | |
| Busti | Curtis & Son Oil, Inc. | 013 - 23239 | Blodgett-2 #18 | 743 06/24/1999 | OD Busti |
| Busti | Libra Petroleum Co. | 013 - 22600 | Crandall, L #34 | 700 09/20/1999 | OD Busti |
| Busti | Libra Petroleum Co. | 013 - 22684 | Crandall L #38 | 730 07/13/1999 | OD Busti |
| Busti | Stedman Energy, Inc. | 013 - 23322 | Curtis #1 | 4,551 12/10/1999 | GD Lakeshore |
| Chautauqua | Belden & Blake Corporation | 013 - 11876 | Hall 400 | 2,363 11/05/1999 | GW NPA* |
| Chemung | | | | | |
| Van Etten | Potter-Mckean Resources | 015 - 61600 | Cotton-Hanlon 1A | 457 10/06/1999 | DH |

WELLS COMPLETED DURING 1999

| TOWN | OWNER | API NUMBER | WELL NAME | TD COMPL DATE | WELL FIELD/ TYPE POOL |
|-------------------|-------------------------------|-----------------------|--------------------------|--------------------------|----------------------------------|
| Cortland | | | | | |
| Cortlandville | Columbia Natural Resources | 023 - 22805 | Bilodeau 1 (623836) | 7,263 11/23/1999 DW | Dry Wildcat |
| Solon | Columbia Natural Resources | 023 - 22798 | Underwood 1 (623835) | 7,250 10/11/1999 DW | Dry Wildcat |
| Virgil | Columbia Natural Resources | 023 - 22818 | Sherman 1 (623635) | 2,716 11/23/1999 DW | Dry Wildcat |
| Erie | | | | | |
| Concord | U S Energy Development Corp | 029 - 23297 | Hofmann Unit #1 | 3,058 06/24/1999 GE | Concord |
| Newstead | Subsea Oil & Gas, Inc. | 029 - 23318 | Krumpf #1 | 1,060 12/22/1999 GD | Alden-Lancaster |
| Genesee | | | | | |
| Pembroke | Subsea Oil & Gas, Inc. | 037 - 22792 | Parks 1 | 1,052 10/05/1999 GD | Alden-Lancaster |
| Livingston | | | | | |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22782 | 1 | 600 07/22/1999 SG | |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22783 | 2 | 815 07/28/1999 SG | |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22784 | 3 | 625 07/15/1999 SG | |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22785 | 4 | 600 07/02/1999 SG | |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22786 | 5 | 810 07/08/1999 SG | |
| Groveland | Frontier-Kemper/Flatiron (Jv) | 051 - 22787 | 6 | 600 06/25/1999 SG | |
| Madison | | | | | |
| Eaton | Nornew, Inc. | 053 - 21727 | White Eagle Farms 1 | 2,936 11/23/1999 GE | Bradley Brook |
| Eaton | Nornew, Inc. | 053 - 21729 | Hillage M-99-3 | 2,615 11/03/1999 GE | Bradley Brook |
| Lebanon | Nornew, Inc. | 053 - 22802 | White Eagle Farms M-99- | 1,128 11/02/1999 GW | NPA* |
| Lebanon | Nornew, Inc. | 053 - 22803 | Lodor M-99-2 | 2,864 11/09/1999 GD | Bradley Brook |
| Lebanon | Nornew, Inc. | 053 - 22816 | Branagan M-99-11 | 3,359 11/23/1999 GD | Lebanon |
| Lebanon | Nornew, Inc. | 053 - 22817 | Smith M-99-15 | 3,143 11/09/1999 GE | Bradley Brook |
| Schuyler | | | | | |
| Hector | Columbia Natural Resources | 097 - 22794 | Dell-Stilwell 1 (623749) | 7,650 12/08/1999 DW | Dry Wildcat |
| Reading | US Salt LLC | 097 - 22770 | Well 61 | 2,822 04/30/1999 BR | International Salt |
| Tyrone | Columbia Natural Resources | 097 - 21725 | Forte 1 | 8,275 06/16/1999 DW | Dry Wildcat |
| Tyrone | Columbia Natural Resources | 097 - 22799 | Rumsey 1 (623838) | 8,037 10/22/1999 DW | Dry Wildcat |
| Steuben | | | | | |
| Cohocton | Columbia Natural Resources | 101 - 22758 - 01 | S & D Farms 623504 | 0 05/03/1999 SI | NPA* |
| Cohocton | Columbia Natural Resources | 101 - 22760 - 01 | Wolcott 623284 | 7,818 10/13/1999 SI | NPA* |
| Hornby | Pennsylvania General Energy | 101 - 22771 | Jimerson 1240 | 9,710 04/13/1999 GW | Wilson Hollow |
| Prattsburg | Columbia Natural Resources | 101 - 22768 | Covert 2 | 7,395 06/30/1999 GD | Glodes Corners Roac |

WELLS COMPLETED DURING 1999

| TOWN | OWNER | API NUMBER | WELL NAME | TD COMPL DATE | WELL FIELD/ TYPE POOL |
|-----------------------|----------------------------|------------------|--------------------|------------------|--------------------------|
| Steuben (Cont) | | | | | |
| Pulteney | Columbia Natural Resources | 101 - 22769 | Ballam-Carter 1 | 7,581 09/09/1999 | GE Glodes Corners Roac |
| Pulteney | Columbia Natural Resources | 101 - 22772 | Egresi 1 | 7,152 07/12/1999 | GE Glodes Corners Roac |
| Pulteney | Columbia Natural Resources | 101 - 21703 - 01 | Radigan 1 | 7,257 02/09/1999 | GD |
| Pulteney | Columbia Natural Resources | 101 - 22765 - 01 | Wise 1 (623520) | 7,875 06/03/1999 | DW |
| West Union | Richardson Petroleum Corp. | 101 - 22777 | Edwards II 1 | 1,771 10/01/1999 | OD Beech Hill-Indep.# |
| West Union | Richardson Petroleum Corp. | 101 - 22778 | Edwards II 2 | 1,771 09/29/1999 | OD Beech Hill-Indep.# |
| West Union | Richardson Petroleum Corp. | 101 - 22779 | Edwards II 3 | 1,772 09/27/1999 | OD Beech Hill-Indep.# |
| West Union | Yahn & Yahn | 101 - 16162 | Burd 04 | 1,153 11/08/1999 | OD Beech Hill-Indep.# |
| West Union | Yahn & Yahn | 101 - 16163 | Burd 05 | 1,103 11/06/1999 | OD Beech Hill-Indep.# |
| West Union | Yahn & Yahn | 101 - 22808 | Schultz 71 | 1,180 10/28/1999 | OD Beech Hill-Indep.# |
| Tompkins | | | | | |
| Dryden | Columbia Natural Resources | 109 - 21711 | Wolf 1 | 2,153 11/08/1999 | DW Dry Wildcat |
| Dryden | Columbia Natural Resources | 109 - 22789 | Rehebein/Call 1 | 7,634 08/27/1999 | DW Dry Wildcat |
| Ulysses | Columbia Natural Resources | 109 - 22767 | Duddleston 623514 | 7,454 06/04/1999 | DW Dry Wildcat |
| Wyoming | | | | | |
| Middlebury | Texas Brine Corp. | 121 - 23290 | Hooker #98 | 1,585 11/11/1999 | BR Dale |
| Middlebury | Texas Brine Corp. | 121 - 23291 | Hooker #113 | 1,564 11/17/1999 | BR Dale |
| Middlebury | Texas Brine Corp. | 121 - 23292 | Hooker #146 | 1,593 11/03/1999 | BR Dale |
| Middlebury | Texas Brine Corp. | 121 - 23293 | Hooker #147 | 1,580 11/09/1999 | BR Dale |
| Middlebury | Texas Brine Corp. | 121 - 23294 | Hooker #148 | 1,590 11/08/1999 | BR Dale |
| Middlebury | Texas Brine Corp. | 121 - 23295 | Hooker #149 | 1,580 11/08/1999 | BR Dale |
| Yates | | | | | |
| Barrington | Columbia Natural Resources | 123 - 22773 | Knapp 2 | 7,598 07/13/1999 | DW Dry Wildcat |
| Barrington | Columbia Natural Resources | 123 - 22776 | Silk 1 (623638) | 7,179 11/10/1999 | GW NPA* |
| Barrington | Columbia Natural Resources | 123 - 22795 | Martin-Repacki 1 | 7,333 09/09/1999 | DW Dry Wildcat |
| Barrington | Columbia Natural Resources | 123 - 22796 | Zimmerman 1 | 7,535 08/16/1999 | DW Dry Wildcat |
| Barrington | Columbia Natural Resources | 123 - 22795 - 01 | Martin-Repacki 1 | 7,333 09/19/1999 | PA Dry Wildcat |
| Jerusalem | Columbia Natural Resources | 123 - 22775 | Walters 623641 | 6,849 04/19/1999 | DW Dry Wildcat |
| Jerusalem | Columbia Natural Resources | 123 - 22797 | Bedient 1 (623788) | 6,887 11/07/1999 | GW NPA* |
| Jerusalem | Columbia Natural Resources | 123 - 22775 - 01 | Walters 623641 | 6,849 07/02/1999 | SI NPA* |
| Milo | Columbia Natural Resources | 123 - 22790 | Agliata 1 (623780) | 7,417 07/07/1999 | DW Dry Wildcat |

* NPA - None Presently Assigned

Beech Hill-Independence.

Table 12. Wells completed During 1999.

1999 Oil and Gas Production by Town in Each County

| Town | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|---------------------------|-----------------------|----------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|--------------------------------------|
| Allegany County | | | | | | | | |
| Alfred | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Allen | 0 | 5,280 | 67 | 0 | 0 | 1 | 0 | 0 |
| Alma | 3,068 | 68,147 | 12,000 | 209 | 63 | 30 | 5 | 28 |
| Almond | 0 | 1,685 | 0 | 0 | 0 | 1 | 0 | 0 |
| Amity | 82 | 43,191 | 453 | 0 | 4 | 2 | 1 | 0 |
| Andover | 4,819 | 2,170 | 90 | 117 | 19 | 4 | 0 | 0 |
| Bolivar | 8,418 | 462 | 226,262 | 453 | 223 | 0 | 0 | 101 |
| Centerville | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Clarksville | 599 | 290 | 200 | 10 | 9 | 0 | 0 | 0 |
| Eden | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Friendship | 18 | 5 | 32 | 1 | 0 | 1 | 0 | 0 |
| Genesee | 1,094 | 320 | 1,084 | 83 | 74 | 3 | 4 | 20 |
| Greenwood | 130 | 0 | 7 | 3 | 0 | 0 | 0 | 0 |
| Independence | 13,753 | 51,387 | 43,235 | 247 | 18 | 3 | 0 | 20 |
| New Hudson | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Rushford | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Scio | 339 | 17,121 | 975 | 45 | 149 | 2 | 5 | 0 |
| Ward | 0 | 210 | 0 | 0 | 0 | 3 | 0 | 0 |
| Wellsville | 2,721 | 411 | 118 | 60 | 44 | 2 | 0 | 9 |
| Willing | 83 | 56,969 | 15 | 22 | 16 | 4 | 12 | 0 |
| Wirt | 968 | 290 | 1,482 | 120 | 49 | 1 | 1 | 0 |
| County Total | 36,092 | 247,938 | 286,020 | 1,370 | 668 | 58 | 33 | 178 |
| Broome County | | | | | | | | |
| Colesville | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Cattaraugus County | | | | | | | | |
| Allegany | 42,183 | 555 | 375,552 | 908 | 114 | 4 | 4 | 11 |
| Ashford | 2,310 | 26,667 | 4 | 0 | 0 | 15 | 4 | 0 |
| Carrollton | 44,976 | 57,866 | 6,393 | 631 | 105 | 5 | 0 | 16 |
| Conewango | 0 | 192,487 | 0 | 0 | 0 | 78 | 1 | 0 |
| Dayton | 0 | 53,706 | 639 | 0 | 0 | 45 | 1 | 0 |
| East Otto | 0 | 4,351 | 92 | 0 | 0 | 6 | 2 | 0 |
| Ellicottville | 0 | 6,793 | 0 | 0 | 0 | 16 | 0 | 0 |

1999 Oil and Gas Production by Town in Each County

| Town | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|----------------------------------|----------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Cattaraugus County (Cont) | | | | | | | | |
| Farmersville | 50 | 101 | 50 | 4 | 0 | 2 | 0 | 0 |
| Freedom | 3,073 | 5,557 | 1 | 1 | 1 | 8 | 6 | 0 |
| Great Valley | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Hinsdale | 15 | 0 | 1 | 4 | 0 | 0 | 0 | 0 |
| Leon | 0 | 376,697 | 116 | 0 | 0 | 73 | 4 | 0 |
| Little Valley | 0 | 200 | 0 | 0 | 0 | 2 | 0 | 0 |
| Machias | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Mansfield | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Napoli | 0 | 738 | 0 | 0 | 0 | 2 | 0 | 0 |
| New Albion | 0 | 8,819 | 0 | 0 | 0 | 8 | 6 | 0 |
| Olean | 25,061 | 54,163 | 1,783 | 122 | 86 | 5 | 0 | 6 |
| Otto | 0 | 83,223 | 163 | 0 | 0 | 57 | 3 | 0 |
| Perrysburg | 0 | 2,393 | 0 | 0 | 0 | 11 | 0 | 0 |
| Persia | 0 | 195,136 | 0 | 0 | 0 | 85 | 6 | 0 |
| Portville | 0 | 40 | 0 | 0 | 5 | 1 | 1 | 0 |
| Randolph | 314 | 91,028 | 0 | 1 | 0 | 83 | 2 | 0 |
| South Valley | 0 | 1,237 | 0 | 0 | 0 | 2 | 0 | 0 |
| Yorkshire | 0 | 26,322 | 1 | 0 | 0 | 18 | 3 | 0 |
| County Total | 117,982 | 1,188,079 | 384,795 | 1,671 | 311 | 527 | 46 | 33 |

Cayuga County

| | | | | | | | | |
|---------------------|----------|------------------|----------|----------|----------|------------|----------|----------|
| Aurelius | 0 | 582,356 | 0 | 0 | 0 | 141 | 0 | 0 |
| Cato | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Fleming | 0 | 94,899 | 0 | 0 | 0 | 22 | 1 | 0 |
| Ira | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Ledyard | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| Owasco | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| Scipio | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sennett | 0 | 5,124 | 0 | 0 | 0 | 2 | 0 | 0 |
| Springport | 0 | 488,040 | 0 | 0 | 0 | 114 | 1 | 0 |
| Summerhill | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Throop | 0 | 8,026 | 0 | 0 | 0 | 9 | 0 | 0 |
| County Total | 0 | 1,178,447 | 0 | 0 | 0 | 295 | 4 | 0 |

Chautauqua County

| | | | | | | | | |
|-------|---|-------|---|---|----|---|---|---|
| Alden | 0 | 5,951 | 0 | 0 | 0 | 2 | 0 | 0 |
| Alma | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 |

1999 Oil and Gas Production by Town in Each County

| Town | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|---------------------------------|---------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Chautauqua County (Cont) | | | | | | | | |
| Arkwright | 0 | 188,080 | 2,065 | 0 | 0 | 112 | 18 | 0 |
| Busti | 6,876 | 314,863 | 3,765 | 314 | 137 | 124 | 6 | 0 |
| Carroll | 0 | 121,091 | 136 | 0 | 3 | 51 | 3 | 0 |
| Charlotte | 0 | 134,356 | 883 | 0 | 0 | 92 | 13 | 0 |
| Chautauqua | 0 | 624,549 | 2,136 | 0 | 0 | 315 | 12 | 0 |
| Cherry Creek | 0 | 136,154 | 967 | 0 | 0 | 116 | 8 | 0 |
| Clymer | 2,088 | 393,287 | 1,120 | 2 | 2 | 115 | 11 | 0 |
| Dunkirk | 0 | 92,376 | 183 | 0 | 0 | 30 | 16 | 0 |
| Ellery | 3,684 | 365,693 | 5,234 | 8 | 0 | 112 | 9 | 0 |
| Ellicott | 20 | 146,962 | 587 | 0 | 0 | 54 | 2 | 0 |
| Ellington | 0 | 199,672 | 75 | 0 | 0 | 165 | 15 | 0 |
| French Creek | 0 | 37,681 | 0 | 0 | 0 | 56 | 10 | 0 |
| Gerry | 6,158 | 303,307 | 9,108 | 13 | 4 | 131 | 23 | 0 |
| Hanover | 0 | 132,112 | 2,504 | 0 | 0 | 73 | 10 | 0 |
| Harmony | 0 | 254,288 | 4,528 | 0 | 0 | 100 | 12 | 0 |
| Jamestown | 0 | 6,921 | 0 | 0 | 0 | 4 | 0 | 0 |
| Kiantone | 0 | 262,692 | 281 | 0 | 0 | 41 | 0 | 0 |
| Mina | 0 | 98,945 | 1,401 | 0 | 0 | 61 | 12 | 0 |
| North Harmony | 6,763 | 355,003 | 16,001 | 11 | 4 | 146 | 12 | 0 |
| Poland | 0 | 252,751 | 273 | 0 | 0 | 111 | 0 | 0 |
| Pomfret | 1 | 296,642 | 4,622 | 1 | 0 | 161 | 24 | 0 |
| Portland | 0 | 261,580 | 446 | 0 | 0 | 150 | 15 | 0 |
| Ripley | 0 | 243,481 | 1,364 | 0 | 0 | 153 | 9 | 0 |
| Sheridan | 0 | 189,800 | 2,386 | 0 | 0 | 83 | 12 | 0 |
| Sherman | 295 | 196,237 | 2,380 | 1 | 0 | 70 | 13 | 0 |
| Stockton | 0 | 230,430 | 1,839 | 0 | 0 | 105 | 8 | 0 |
| Villanova | 0 | 138,144 | 2,505 | 0 | 0 | 77 | 3 | 0 |
| Westfield | 0 | 545,105 | 3,620 | 0 | 0 | 253 | 13 | 0 |
| County Total | 25,885 | 6,528,153 | 70,409 | 350 | 195 | 3,063 | 289 | 0 |
| Chemung County | | | | | | | | |
| Elmira | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| Erin | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Van Etten | 0 | 95,934 | 0 | 0 | 0 | 5 | 1 | 0 |
| County Total | 0 | 95,937 | 0 | 0 | 0 | 6 | 2 | 0 |

1999 Oil and Gas Production by Town in Each County

| Town | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|------------------------|-----------------------|----------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|--------------------------------------|
| Cortland County | | | | | | | | |
| Cortlandville | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Solon | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Virgil | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Delaware County | | | | | | | | |
| Hancock | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Erie County | | | | | | | | |
| Alden | 0 | 61,380 | 125 | 0 | 0 | 44 | 6 | 0 |
| Aurora | 0 | 44,196 | 42 | 0 | 0 | 43 | 12 | 0 |
| Boston | 0 | 24,721 | 185 | 10 | 0 | 24 | 0 | 0 |
| Brant | 0 | 138,498 | 1,454 | 0 | 0 | 97 | 5 | 0 |
| Buffalo | 0 | 148 | 0 | 0 | 0 | 2 | 0 | 0 |
| Cheektowaga | 0 | 8,530 | 6 | 0 | 0 | 11 | 1 | 0 |
| Clarence | 0 | 1,191 | 1 | 0 | 0 | 7 | 1 | 0 |
| Colden | 0 | 3,617 | 7 | 0 | 0 | 10 | 1 | 0 |
| Collins | 0 | 5,510 | 26 | 0 | 0 | 4 | 1 | 0 |
| Concord | 0 | 118,064 | 348 | 0 | 0 | 48 | 6 | 0 |
| Eden | 0 | 140,357 | 1,207 | 0 | 0 | 141 | 5 | 0 |
| Elma | 0 | 126,509 | 485 | 0 | 0 | 55 | 5 | 0 |
| Evans | 0 | 183,137 | 1,127 | 0 | 0 | 86 | 13 | 0 |
| Hamburg | 0 | 76,398 | 7 | 0 | 0 | 44 | 7 | 0 |
| Holland | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 |
| Lackawanna | 0 | 1,422 | 0 | 0 | 0 | 3 | 0 | 0 |
| Lancaster | 0 | 47,206 | 45 | 0 | 0 | 25 | 2 | 0 |
| Marilla | 0 | 29,944 | 14 | 0 | 0 | 25 | 9 | 0 |
| Newstead | 0 | 70,606 | 8 | 0 | 0 | 45 | 13 | 0 |
| North Collins | 0 | 42,976 | 217 | 0 | 0 | 53 | 6 | 0 |
| Orchard Park | 66 | 38,818 | 44 | 1 | 0 | 38 | 2 | 0 |
| Sardinia | 0 | 21,476 | 21 | 0 | 0 | 10 | 3 | 0 |
| Tonawanda | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| Wales | 0 | 25,871 | 527 | 0 | 0 | 4 | 9 | 0 |
| West Seneca | 0 | 24,387 | 4 | 0 | 0 | 5 | 0 | 0 |
| County Total | 66 | 1,234,962 | 5,900 | 11 | 0 | 829 | 109 | 0 |

1999 Oil and Gas Production by Town in Each County

| Town | Oil (BBS) | Gas (MCF) | Water (BBS) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|--------------------------|--------------|----------------|----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Genesee County | | | | | | | | |
| Alabama | 0 | 25,351 | 145 | 0 | 0 | 25 | 1 | 0 |
| Alexander | 0 | 61,581 | 337 | 0 | 0 | 41 | 0 | 0 |
| Batavia | 0 | 56,351 | 340 | 0 | 0 | 39 | 1 | 0 |
| Bergen | 0 | 47,654 | 0 | 0 | 0 | 3 | 0 | 0 |
| Bethany | 0 | 23,401 | 1,085 | 0 | 0 | 30 | 1 | 0 |
| Darien | 0 | 301,847 | 988 | 0 | 0 | 160 | 2 | 0 |
| Elba | 0 | 1,457 | 45 | 0 | 0 | 1 | 0 | 0 |
| Le Roy | 0 | 53,566 | 0 | 0 | 0 | 10 | 0 | 0 |
| Oakfield | 0 | 15,086 | 140 | 0 | 0 | 13 | 0 | 0 |
| Pavilion | 0 | 19,784 | 58 | 0 | 0 | 18 | 1 | 0 |
| Pembroke | 0 | 191,084 | 1,101 | 0 | 0 | 110 | 0 | 0 |
| Stafford | 0 | 255 | 0 | 0 | 0 | 1 | 1 | 0 |
| County Total | 0 | 797,417 | 4,239 | 0 | 0 | 451 | 7 | 0 |
| Livingston County | | | | | | | | |
| Avon | 0 | 15,665 | 0 | 0 | 0 | 13 | 0 | 0 |
| Caledonia | 0 | 60,694 | 70 | 0 | 0 | 48 | 0 | 0 |
| Groveland | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Leicester | 0 | 6,319 | 0 | 0 | 0 | 11 | 4 | 0 |
| Nunda | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Ossian | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Portage | 0 | 1,316 | 0 | 0 | 0 | 2 | 0 | 0 |
| Sparta | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| West Sparta | 0 | 50 | 0 | 0 | 0 | 6 | 0 | 0 |
| York | 0 | 44,459 | 335 | 0 | 0 | 44 | 6 | 0 |
| County Total | 0 | 128,503 | 405 | 0 | 0 | 128 | 11 | 0 |
| Madison County | | | | | | | | |
| Brookfield | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Eaton | 0 | 3,817 | 60 | 0 | 0 | 3 | 0 | 0 |
| Lebanon | 0 | 167,906 | 233 | 0 | 0 | 8 | 4 | 0 |
| County Total | 0 | 171,723 | 293 | 0 | 0 | 12 | 4 | 0 |

1999 Oil and Gas Production by Town in Each County

| Town | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|------------------------|---------------|---------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Niagara County | | | | | | | | |
| Lewiston | 0 | 1,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 1,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| Oneida County | | | | | | | | |
| Sangerfield | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Onondaga County | | | | | | | | |
| Camillus | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Lysander | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| Ontario County | | | | | | | | |
| Bristol | 0 | 10,291 | 0 | 0 | 0 | 3 | 0 | 0 |
| Canandaigua | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| East Bloomfield | 0 | 50,033 | 0 | 0 | 0 | 13 | 0 | 0 |
| Geneva | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Phelps | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Richmond | 0 | 499 | 0 | 0 | 0 | 2 | 0 | 0 |
| West Bloomfield | 0 | 1,608 | 0 | 0 | 0 | 2 | 0 | 0 |
| County Total | 0 | 62,431 | 0 | 0 | 0 | 21 | 4 | 0 |
| Oswego County | | | | | | | | |
| Richland | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 |
| West Monroe | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Williamstown | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 |
| Schuyler County | | | | | | | | |
| Dix | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Hector | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |

1999 Oil and Gas Production by Town in Each County

| Town | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|-------------------------------|---------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Schuyler County (Cont) | | | | | | | | |
| Tyrone | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| Seneca County | | | | | | | | |
| Fayette | 0 | 392,546 | 0 | 0 | 0 | 89 | 1 | 0 |
| Junius | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Seneca Falls | 0 | 2,398 | 0 | 0 | 0 | 1 | 0 | 0 |
| Varick | 0 | 174,457 | 0 | 0 | 0 | 44 | 0 | 0 |
| Waterloo | 0 | 230 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 569,631 | 0 | 0 | 0 | 136 | 1 | 0 |
| Steuben County | | | | | | | | |
| Addison | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Avoca | 0 | 1,946 | 0 | 0 | 0 | 2 | 0 | 0 |
| Bath | 0 | 17,302 | 0 | 0 | 0 | 2 | 0 | 0 |
| Cameron | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Canisteo | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Cohocton | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Dansville | 0 | 13,656 | 0 | 0 | 0 | 1 | 0 | 0 |
| Erwin | 0 | 1,383 | 0 | 0 | 0 | 2 | 0 | 0 |
| Greenwood | 50 | 1,200 | 3 | 1 | 0 | 2 | 0 | 0 |
| Hartsville | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Hornby | 0 | 58,393 | 16 | 0 | 0 | 1 | 2 | 0 |
| Hornellsville | 0 | 125 | 0 | 0 | 0 | 1 | 0 | 0 |
| Howard | 0 | 190 | 0 | 0 | 0 | 2 | 1 | 0 |
| Jasper | 0 | 43,754 | 0 | 0 | 0 | 4 | 4 | 0 |
| Prattsburg | 0 | 476,482 | 166 | 0 | 0 | 3 | 2 | 0 |
| Pulteney | 0 | 1,882,045 | 764 | 0 | 0 | 9 | 3 | 0 |
| Troupsburg | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| West Union | 12,884 | 24,649 | 46,282 | 162 | 0 | 1 | 2 | 12 |
| County Total | 12,934 | 2,521,125 | 47,231 | 163 | 0 | 32 | 20 | 12 |
| Tioga County | | | | | | | | |
| Nichols | 0 | 501,212 | 0 | 0 | 0 | 6 | 0 | 0 |
| Owego | 0 | 470,451 | 0 | 0 | 0 | 8 | 1 | 0 |

1999 Oil and Gas Production by Town in Each County

| Town | Oil (BBS) | Gas (MCF) | Water (BBS) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|----------------------------|----------------|-------------------|----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Tioga County (Cont) | | | | | | | | |
| County Total | 0 | 971,663 | 0 | 0 | 0 | 14 | 1 | 0 |
| Tompkins County | | | | | | | | |
| Dryden | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Wayne County | | | | | | | | |
| Butler | 0 | 900 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 900 | 0 | 0 | 0 | 1 | 0 | 0 |
| Wyoming County | | | | | | | | |
| Arcade | 0 | 112,426 | 143 | 0 | 0 | 39 | 1 | 0 |
| Attica | 0 | 2,962 | 0 | 0 | 0 | 2 | 0 | 0 |
| Bennington | 0 | 153,904 | 1,381 | 0 | 0 | 83 | 1 | 0 |
| Covington | 0 | 46,029 | 45 | 0 | 0 | 21 | 2 | 0 |
| Genesee Falls | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Java | 0 | 13,603 | 35 | 0 | 0 | 16 | 7 | 0 |
| Middlebury | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Perry | 0 | 43,558 | 0 | 0 | 0 | 36 | 2 | 0 |
| Pike | 0 | 2,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sheldon | 0 | 48,615 | 1,045 | 0 | 0 | 39 | 2 | 0 |
| Warsaw | 0 | 4,449 | 24 | 0 | 0 | 5 | 1 | 0 |
| Wayne | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 428,046 | 2,673 | 0 | 0 | 242 | 19 | 0 |
| Yates County | | | | | | | | |
| Barrington | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Benton | 0 | 250 | 0 | 0 | 0 | 3 | 8 | 0 |
| Jerusalem | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Milo | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Potter | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Torrey | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 250 | 0 | 0 | 0 | 4 | 17 | 0 |
| State Total | 192,959 | 16,126,705 | 801,965 | 3,565 | 1,174 | 5,828 | 588 | 223 |

1999 Oil and Gas Production by Field in Each County

| Field | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|---------------------------|---------------|----------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Allegany County | | | | | | | | |
| Alfred | 0 | 210 | 0 | 0 | 0 | 4 | 1 | 0 |
| Allen | 0 | 5,280 | 67 | 0 | 0 | 1 | 0 | 0 |
| Andover | 577 | 18 | 32 | 12 | 0 | 1 | 0 | 0 |
| Beech Hill-Independence | 14,478 | 51,452 | 43,250 | 261 | 7 | 5 | 5 | 20 |
| Brant-Eden | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Browning | 0 | 0 | 0 | 0 | 64 | 0 | 0 | 0 |
| Ceres | 1,187 | 120 | 7,200 | 16 | 0 | 1 | 1 | 0 |
| Clarksville | 599 | 0 | 200 | 10 | 4 | 0 | 0 | 0 |
| Farmersville | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Ford's Brook | 141 | 24 | 33 | 106 | 9 | 2 | 0 | 3 |
| Friendship | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 |
| Fulmer Valley | 6,430 | 2,474 | 168 | 160 | 80 | 2 | 0 | 9 |
| Gilbert | 0 | 260 | 0 | 0 | 0 | 1 | 0 | 0 |
| Gordon Brook | 0 | 60,312 | 1,363 | 0 | 0 | 4 | 6 | 0 |
| Karr Valley | 0 | 1,685 | 0 | 0 | 0 | 1 | 0 | 0 |
| Nile | 33 | 10 | 47 | 15 | 0 | 0 | 0 | 0 |
| Richburg | 12,565 | 5,363 | 222,639 | 790 | 500 | 4 | 2 | 146 |
| Rushford | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Scio | 82 | 0 | 3 | 0 | 4 | 0 | 0 | 0 |
| Sharon | 0 | 4,881 | 0 | 0 | 0 | 25 | 1 | 0 |
| Sherry Hill | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| State Line | 0 | 115,844 | 11,018 | 0 | 0 | 6 | 11 | 0 |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| County Total | 36,092 | 247,938 | 286,020 | 1,370 | 668 | 58 | 33 | 178 |
| Broome County | | | | | | | | |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Cattaraugus County | | | | | | | | |
| Ashford | 0 | 22,992 | 4 | 0 | 0 | 13 | 3 | 0 |
| Bixby Hill | 3,073 | 2,417 | 0 | 1 | 0 | 0 | 0 | 0 |
| Bradford | 71,604 | 66,398 | 378,899 | 798 | 158 | 1 | 0 | 1 |
| Bryant Hill Creek | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| Chaffee-Arcade | 0 | 29,462 | 2 | 0 | 1 | 22 | 6 | 0 |
| Chipmunk | 27,469 | 43,832 | 2,686 | 466 | 73 | 9 | 0 | 27 |
| Clarksville | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Connoisarauley Creek | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |

1999 Oil and Gas Production by Field in Each County

| Field | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|----------------------------------|----------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Cattaraugus County (Cont) | | | | | | | | |
| Dayton | 0 | 9,069 | 109 | 0 | 0 | 7 | 1 | 0 |
| Dublin Hollow | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Dutch Hill | 2,310 | 3,675 | 0 | 0 | 0 | 1 | 1 | 0 |
| East Otto | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Ellicottville | 0 | 6,793 | 0 | 0 | 0 | 13 | 0 | 0 |
| Farmersville | 50 | 1 | 50 | 4 | 0 | 0 | 0 | 0 |
| Five Mile | 9,378 | 2,353 | 1,789 | 253 | 54 | 0 | 0 | 5 |
| Four Mile | 3,784 | 0 | 355 | 148 | 25 | 0 | 2 | 0 |
| Great Valley | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Hog Hollow | 0 | 100 | 0 | 0 | 0 | 2 | 2 | 0 |
| Indian Creek | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Jersey Hollow | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Lakeshore | 0 | 981,740 | 659 | 0 | 0 | 433 | 21 | 0 |
| Little Valley | 0 | 200 | 0 | 0 | 0 | 1 | 0 | 0 |
| Mud Creek | 314 | 1,765 | 0 | 1 | 0 | 0 | 0 | 0 |
| Olean | 0 | 41 | 0 | 0 | 0 | 5 | 0 | 0 |
| Pigeon Hill | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 0 |
| Richburg | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Snyders Corners Pool | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Utley Brook | 0 | 17,241 | 242 | 0 | 0 | 8 | 1 | 0 |
| County Total | 117,982 | 1,188,079 | 384,795 | 1,671 | 311 | 527 | 46 | 33 |
| Cayuga County | | | | | | | | |
| Ashland Farms | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Auburn | 0 | 12,237 | 0 | 0 | 0 | 4 | 1 | 0 |
| Blue Tail Rooster | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Summerhill | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Wells College | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| West Auburn | 0 | 1,166,208 | 0 | 0 | 0 | 287 | 2 | 0 |
| County Total | 0 | 1,178,447 | 0 | 0 | 0 | 295 | 4 | 0 |
| Chautauqua County | | | | | | | | |
| Alden-Lancaster | 0 | 5,951 | 0 | 0 | 0 | 2 | 0 | 0 |
| Busti | 6,876 | 977 | 888 | 314 | 137 | 9 | 0 | 0 |
| Carroll | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 |
| Cassadaga Creek | 0 | 2,832 | 19 | 0 | 0 | 2 | 0 | 0 |
| Clymer | 679 | 0 | 955 | 1 | 0 | 0 | 0 | 0 |

1999 Oil and Gas Production by Field in Each County

| Field | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|---------------------------------|---------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Chautauqua County (Cont) | | | | | | | | |
| Clymer Hill | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Conewango Creek | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Ellery | 2,488 | 27,756 | 1,499 | 2 | 0 | 14 | 9 | 0 |
| Folsom Creek | 154 | 703 | 0 | 1 | 0 | 1 | 0 | 0 |
| Ford's Brook | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 |
| Fredonia | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Gerry-Charlotte | 5,545 | 55,257 | 4,599 | 11 | 4 | 8 | 8 | 0 |
| Harmony | 0 | 200 | 0 | 0 | 1 | 0 | 0 | 0 |
| Lakeshore | 3,519 | 6,177,999 | 48,771 | 10 | 0 | 2,918 | 260 | 0 |
| Mud Creek | 0 | 8 | 0 | 0 | 0 | 1 | 0 | 0 |
| Nashville | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| North Harmony | 6,623 | 243,277 | 13,637 | 10 | 4 | 103 | 8 | 0 |
| Sprague Hill | 0 | 13,193 | 41 | 0 | 0 | 4 | 1 | 0 |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 25,885 | 6,528,153 | 70,409 | 350 | 195 | 3,063 | 289 | 0 |
| Chemung County | | | | | | | | |
| Doolittle Hill | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Elmira | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| Van Etten | 0 | 95,934 | 0 | 0 | 0 | 4 | 2 | 0 |
| County Total | 0 | 95,937 | 0 | 0 | 0 | 6 | 2 | 0 |
| Cortland County | | | | | | | | |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Delaware County | | | | | | | | |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Erie County | | | | | | | | |
| Akron | 0 | 18,393 | 0 | 0 | 0 | 22 | 5 | 0 |
| Alden-Lancaster | 0 | 175,448 | 185 | 0 | 0 | 112 | 20 | 0 |
| Brant-Eden | 0 | 318,149 | 3,152 | 10 | 0 | 285 | 11 | 0 |

1999 Oil and Gas Production by Field in Each County

| Field | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|---------------------------|---------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Erie County (Cont) | | | | | | | | |
| Buffalo | 0 | 4,406 | 0 | 0 | 0 | 13 | 2 | 0 |
| Buffalo Creek | 0 | 30,071 | 0 | 0 | 0 | 24 | 3 | 0 |
| Central Wales | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| Chaffee-Arcade | 0 | 2,458 | 0 | 0 | 0 | 1 | 1 | 0 |
| Chestnut Ridge | 0 | 372 | 0 | 0 | 0 | 1 | 0 | 0 |
| Clarence | 0 | 30 | 0 | 0 | 0 | 1 | 0 | 0 |
| Concord | 0 | 104,768 | 323 | 0 | 0 | 41 | 5 | 0 |
| Concord-Onondaga | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Cowlesville | 0 | 3,775 | 14 | 0 | 0 | 5 | 4 | 0 |
| East Aurora | 0 | 41,070 | 42 | 0 | 0 | 38 | 9 | 0 |
| Elma | 0 | 126,415 | 485 | 0 | 0 | 51 | 5 | 0 |
| Glenwood | 0 | 2,882 | 7 | 0 | 0 | 8 | 1 | 0 |
| Lakeshore | 0 | 578 | 0 | 0 | 0 | 4 | 0 | 0 |
| Lakeview | 0 | 178,242 | 851 | 0 | 0 | 81 | 19 | 0 |
| North Collins | 0 | 54,520 | 238 | 0 | 0 | 55 | 6 | 0 |
| Orchard Park-Hamburg | 0 | 105,204 | 72 | 0 | 0 | 65 | 3 | 0 |
| Sardinia | 0 | 8,684 | 0 | 0 | 0 | 6 | 2 | 0 |
| South Wales | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Travers | 66 | 66 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wales | 0 | 24,119 | 527 | 0 | 0 | 1 | 4 | 0 |
| West Seneca | 0 | 35,312 | 4 | 0 | 0 | 14 | 1 | 0 |
| County Total | 66 | 1,234,962 | 5,900 | 11 | 0 | 829 | 109 | 0 |
| Genesee County | | | | | | | | |
| Akron | 0 | 200 | 0 | 0 | 0 | 0 | 1 | 0 |
| Alden-Lancaster | 0 | 187,850 | 242 | 0 | 0 | 103 | 2 | 0 |
| Alexander | 0 | 7,466 | 7 | 0 | 0 | 6 | 0 | 0 |
| Bergen | 0 | 47,654 | 0 | 0 | 0 | 3 | 0 | 0 |
| Bethany | 0 | 23,401 | 1,085 | 0 | 0 | 29 | 1 | 0 |
| Danley Corners | 0 | 44,566 | 185 | 0 | 0 | 21 | 0 | 0 |
| Huron Creek | 0 | 308,381 | 1,937 | 0 | 0 | 174 | 0 | 0 |
| Indian Falls | 0 | 104,294 | 725 | 0 | 0 | 85 | 1 | 0 |
| Pavilion | 0 | 6 | 0 | 0 | 0 | 5 | 1 | 0 |
| Roanoke | 0 | 5,155 | 8 | 0 | 0 | 5 | 1 | 0 |
| Uhley Corners-Caledonia | 0 | 68,444 | 50 | 0 | 0 | 20 | 0 | 0 |
| County Total | 0 | 797,417 | 4,239 | 0 | 0 | 451 | 7 | 0 |

1999 Oil and Gas Production by Field in Each County

| Field | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|--------------------------|---------------|----------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Livingston County | | | | | | | | |
| Avon | 0 | 15,665 | 0 | 0 | 0 | 13 | 0 | 0 |
| Dansville | 0 | 50 | 0 | 0 | 0 | 7 | 0 | 0 |
| Finnegan Hill | 0 | 20,470 | 0 | 0 | 0 | 10 | 0 | 0 |
| Groveland | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Hunt Hollow | 0 | 1,316 | 0 | 0 | 0 | 4 | 0 | 0 |
| Leicester | 0 | 5,510 | 0 | 0 | 0 | 10 | 4 | 0 |
| Silver Lake | 0 | 809 | 0 | 0 | 0 | 2 | 0 | 0 |
| Uhley Corners-Caledonia | 0 | 84,683 | 405 | 0 | 0 | 81 | 6 | 0 |
| County Total | 0 | 128,503 | 405 | 0 | 0 | 128 | 11 | 0 |
| Madison County | | | | | | | | |
| Bradley Brook | 0 | 132,199 | 293 | 0 | 0 | 9 | 3 | 0 |
| Lebanon | 0 | 39,524 | 0 | 0 | 0 | 2 | 1 | 0 |
| Sangerfield | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 171,723 | 293 | 0 | 0 | 12 | 4 | 0 |
| Niagara County | | | | | | | | |
| Sanborn | 0 | 1,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 1,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| Oneida County | | | | | | | | |
| Sangerfield | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Onondaga County | | | | | | | | |
| Baldwinsville | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Cross Lake | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |

1999 Oil and Gas Production by Field in Each County

| Field | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|-------------------------|---------------|----------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Ontario County | | | | | | | | |
| Benton Run | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| East Bloomfield | 0 | 50,033 | 0 | 0 | 0 | 14 | 0 | 0 |
| Melvin Hill | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Vincent | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| West Bloomfield | 0 | 12,249 | 0 | 0 | 0 | 5 | 0 | 0 |
| Whetstone Brook | 0 | 149 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 62,431 | 0 | 0 | 0 | 21 | 4 | 0 |
| Oswego County | | | | | | | | |
| Kasoag | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Little France | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Pulaski | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 |
| Schuyler County | | | | | | | | |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| Seneca County | | | | | | | | |
| Fayette-Waterloo | 0 | 554,714 | 0 | 0 | 0 | 130 | 1 | 0 |
| Geneva | 0 | 230 | 0 | 0 | 0 | 1 | 0 | 0 |
| Neilson Road Pool | 0 | 9,260 | 0 | 0 | 0 | 1 | 0 | 0 |
| Reeder Creek | 0 | 2,829 | 0 | 0 | 0 | 1 | 0 | 0 |
| Rose Hill | 0 | 200 | 0 | 0 | 0 | 1 | 0 | 0 |
| Seneca Falls | 0 | 2,398 | 0 | 0 | 0 | 1 | 0 | 0 |
| Whiskey Hill | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 569,631 | 0 | 0 | 0 | 136 | 1 | 0 |
| Steuben County | | | | | | | | |
| Andover | 50 | 0 | 3 | 1 | 0 | 1 | 0 | 0 |
| Avoca | 0 | 1,946 | 0 | 0 | 0 | 2 | 0 | 0 |
| Beech Hill-Independence | 12,884 | 24,649 | 46,282 | 162 | 0 | 0 | 0 | 12 |

1999 Oil and Gas Production by Field in Each County

| Field | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|------------------------------|---------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Steuben County (Cont) | | | | | | | | |
| Big Creek | 0 | 125 | 0 | 0 | 0 | 1 | 0 | 0 |
| Colonel Bills Creek | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Crosby Creek | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Glodes Corners Road | 0 | 1,927,357 | 734 | 0 | 0 | 8 | 5 | 0 |
| Howard | 0 | 190 | 0 | 0 | 0 | 1 | 0 | 0 |
| Hungry Hollow | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Jackson Hill | 0 | 1,200 | 0 | 0 | 0 | 1 | 0 | 0 |
| Jasper | 0 | 197 | 0 | 0 | 0 | 2 | 1 | 0 |
| Milwaukee Creek | 0 | 4,288 | 0 | 0 | 0 | 1 | 0 | 0 |
| Muck Farm | 0 | 431,170 | 196 | 0 | 0 | 4 | 0 | 0 |
| Northwest Harrison | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Painted Post | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Purdy Creek | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Rathbone | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Stone Hill | 0 | 13,656 | 0 | 0 | 0 | 1 | 0 | 0 |
| Thomas Corners | 0 | 17,302 | 0 | 0 | 0 | 2 | 0 | 0 |
| Unnamed | 0 | 90 | 0 | 0 | 0 | 1 | 0 | 0 |
| Unnamed | 0 | 1,293 | 0 | 0 | 0 | 1 | 3 | 0 |
| Wilson Hollow | 0 | 58,393 | 16 | 0 | 0 | 1 | 1 | 0 |
| Wyckoff | 0 | 39,269 | 0 | 0 | 0 | 2 | 3 | 0 |
| County Total | 12,934 | 2,521,125 | 47,231 | 163 | 0 | 32 | 20 | 12 |
| Tioga County | | | | | | | | |
| Cafferty Hill | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Stagecoach | 0 | 971,663 | 0 | 0 | 0 | 13 | 1 | 0 |
| County Total | 0 | 971,663 | 0 | 0 | 0 | 14 | 1 | 0 |
| Tompkins County | | | | | | | | |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Wayne County | | | | | | | | |
| Butler Creek | 0 | 900 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 900 | 0 | 0 | 0 | 1 | 0 | 0 |

1999 Oil and Gas Production by Field in Each County

| Field | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|-----------------------|----------------|-------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Wyoming County | | | | | | | | |
| Alden-Lancaster | 0 | 17,621 | 45 | 0 | 0 | 5 | 0 | 0 |
| Attica | 0 | 2,762 | 0 | 0 | 0 | 1 | 0 | 0 |
| Cascade Brook | 0 | 3,979 | 0 | 0 | 0 | 5 | 0 | 0 |
| Castile | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Chaffee-Arcade | 0 | 40,966 | 7 | 0 | 0 | 32 | 1 | 0 |
| Danley Corners | 0 | 136,483 | 1,336 | 0 | 0 | 79 | 1 | 0 |
| Dutch Hollow | 0 | 200 | 0 | 0 | 0 | 1 | 0 | 0 |
| Java | 0 | 15,395 | 0 | 0 | 0 | 19 | 7 | 0 |
| Leicester | 0 | 85,931 | 69 | 0 | 0 | 52 | 5 | 0 |
| Northwoods | 0 | 68,088 | 136 | 0 | 0 | 2 | 0 | 0 |
| Pike Corners | 0 | 2,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sheldon | 0 | 39,129 | 1,080 | 0 | 0 | 38 | 2 | 0 |
| Silver Lake | 0 | 1,206 | 0 | 0 | 0 | 3 | 0 | 0 |
| Tozier'S Corners | 0 | 10,866 | 0 | 0 | 0 | 2 | 0 | 0 |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Wyoming | 0 | 2,920 | 0 | 0 | 0 | 2 | 1 | 0 |
| County Total | 0 | 428,046 | 2,673 | 0 | 0 | 242 | 19 | 0 |
| Yates County | | | | | | | | |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 |
| North Penn Yan | 0 | 250 | 0 | 0 | 0 | 3 | 9 | 0 |
| South Penn Yan | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Sugar Creek | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Unnamed | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| County Total | 0 | 250 | 0 | 0 | 0 | 4 | 17 | 0 |
| State Total | 192,959 | 15,155,042 | 801,965 | 3,565 | 1,174 | 5,814 | 587 | 223 |

Table 14. Oil & Gas Production by Field in Each County - 1999.

1999 Oil and Gas Production by Formation in Each County

| Formation | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|---------------------------|---------------|----------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Allegany County | | | | | | | | |
| Clarksville | 599 | 0 | 200 | 10 | 4 | 0 | 0 | 0 |
| Fulmer Valley | 17,869 | 52,281 | 43,375 | 378 | 81 | 4 | 0 | 29 |
| Marcellus | 0 | 1,685 | 0 | 0 | 0 | 1 | 0 | 0 |
| Medina | 0 | 5,285 | 67 | 0 | 0 | 2 | 2 | 0 |
| Onondaga | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Oriskany | 0 | 176,156 | 12,381 | 0 | 0 | 10 | 18 | 0 |
| Penny | 360 | 24 | 6 | 15 | 0 | 6 | 0 | 0 |
| Penny & Fulmer Valley | 3,254 | 1,663 | 59 | 40 | 0 | 0 | 4 | 0 |
| Richburg | 13,624 | 9,560 | 229,802 | 813 | 496 | 5 | 2 | 79 |
| Scio | 82 | 0 | 3 | 0 | 68 | 0 | 0 | 0 |
| Tully | 0 | 260 | 0 | 0 | 0 | 1 | 0 | 0 |
| Upper Devonian | 0 | 694 | 0 | 0 | 0 | 26 | 3 | 0 |
| Upper Devonian Shale | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Waugh & Porter | 304 | 330 | 127 | 114 | 19 | 2 | 0 | 70 |
| County Total | 36,092 | 247,938 | 286,020 | 1,370 | 668 | 58 | 33 | 178 |
| Broome County | | | | | | | | |
| Oriskany | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Cattaraugus County | | | | | | | | |
| Akron | 0 | 275 | 0 | 0 | 0 | 3 | 0 | 0 |
| Bass Island | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Bradford | 23,033 | 3,238 | 4,348 | 582 | 164 | 5 | 3 | 5 |
| Bradford & Chipmunk | 816 | 0 | 100 | 73 | 0 | 3 | 0 | 0 |
| Bradford 1st & 2nd | 16 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Bradford 2nd & 3rd | 20,499 | 0 | 372,544 | 229 | 14 | 0 | 0 | 0 |
| Bradford Second | 106 | 1 | 5 | 1 | 9 | 0 | 0 | 0 |
| Bradford Third | 3,747 | 1 | 480 | 87 | 37 | 0 | 0 | 1 |
| Chipmunk | 27,374 | 13,533 | 2,882 | 580 | 83 | 1 | 0 | 27 |
| Chipmunk & Bradford 2nd | 14,501 | 1,191 | 1,025 | 95 | 0 | 0 | 0 | 0 |
| Chipmunk & Bradford 3rd | 70 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Chipmunk, Bradford 1st & | 215 | 0 | 18 | 4 | 0 | 0 | 0 | 0 |
| Chipmunk, Bradford 2nd & | 303 | 0 | 2,175 | 3 | 2 | 0 | 0 | 0 |
| Medina | 0 | 1,029,453 | 907 | 0 | 0 | 496 | 39 | 0 |

1999 Oil and Gas Production by Formation in Each County

| Formation | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|----------------------------------|----------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Cattaraugus County (Cont) | | | | | | | | |
| Onondaga | 25,613 | 79,380 | 109 | 2 | 1 | 8 | 1 | 0 |
| Onondaga-Bass Island | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Oriskany | 0 | 31,931 | 0 | 0 | 0 | 7 | 0 | 0 |
| Richburg | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Theresa | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Upper Devonian | 1,547 | 1 | 200 | 13 | 1 | 0 | 0 | 0 |
| Whirlpool | 0 | 29,075 | 0 | 0 | 0 | 2 | 0 | 0 |
| County Total | 117,840 | 1,188,079 | 384,795 | 1,671 | 311 | 527 | 46 | 33 |
| Cayuga County | | | | | | | | |
| None Specified | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Onondaga | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Oriskany | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Queenston | 0 | 1,178,446 | 0 | 0 | 0 | 293 | 2 | 0 |
| Trenton | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 1,178,447 | 0 | 0 | 0 | 295 | 4 | 0 |
| Chautauqua County | | | | | | | | |
| Akron | 0 | 50 | 0 | 0 | 0 | 1 | 1 | 0 |
| Bass Island | 11,523 | 96,627 | 6,264 | 19 | 8 | 21 | 17 | 0 |
| Devonian Shale | 0 | 2,419 | 19 | 0 | 0 | 1 | 0 | 0 |
| Glade | 6,876 | 977 | 888 | 314 | 140 | 9 | 0 | 0 |
| Medina | 2,765 | 6,404,384 | 60,808 | 8 | 0 | 3,010 | 265 | 0 |
| Onondaga | 4,291 | 21,506 | 1,290 | 8 | 1 | 14 | 2 | 0 |
| Oriskany | 430 | 860 | 1,140 | 1 | 0 | 0 | 0 | 0 |
| Perrysburg | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Richburg | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 |
| Syracuse | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Upper Devonian | 0 | 807 | 0 | 0 | 0 | 6 | 2 | 0 |
| Whirlpool | 0 | 523 | 0 | 0 | 0 | 1 | 1 | 0 |
| County Total | 25,885 | 6,528,153 | 70,409 | 350 | 195 | 3,063 | 289 | 0 |

1999 Oil and Gas Production by Formation in Each County

| Formation | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|--------------------------|---------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Chemung County | | | | | | | | |
| Marcellus | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| Oriskany | 0 | 95,934 | 0 | 0 | 0 | 5 | 2 | 0 |
| County Total | 0 | 95,937 | 0 | 0 | 0 | 6 | 2 | 0 |
| Cortland County | | | | | | | | |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Delaware County | | | | | | | | |
| None Specified | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Erie County | | | | | | | | |
| Akron | 0 | 10,545 | 26 | 0 | 0 | 15 | 0 | 0 |
| Medina | 0 | 1,208,300 | 5,811 | 10 | 0 | 798 | 98 | 0 |
| Onondaga | 66 | 16,117 | 63 | 1 | 0 | 16 | 11 | 0 |
| County total | 66 | 1,234,962 | 5,900 | 11 | 0 | 829 | 109 | 0 |
| Genesee County | | | | | | | | |
| Medina | 0 | 797,417 | 4,239 | 0 | 0 | 451 | 7 | 0 |
| County Total | 0 | 797,417 | 4,239 | 0 | 0 | 451 | 7 | 0 |
| Livingston County | | | | | | | | |
| Hamilton | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| Marcellus | 0 | 50 | 0 | 0 | 0 | 3 | 0 | 0 |
| Medina | 0 | 128,453 | 405 | 0 | 0 | 122 | 11 | 0 |
| County Total | 0 | 128,503 | 405 | 0 | 0 | 128 | 11 | 0 |

1999 Oil and Gas Production by Formation in Each County

| Formation | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|------------------------|-----------------------|----------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|--------------------------------------|
| Madison County | | | | | | | | |
| Herkimer | 0 | 67,370 | 85 | 0 | 0 | 3 | 1 | 0 |
| Herkimer-Oneida | 0 | 39,524 | 0 | 0 | 0 | 2 | 1 | 0 |
| Oneida | 0 | 64,829 | 208 | 0 | 0 | 7 | 2 | 0 |
| County Total | 0 | 171,723 | 293 | 0 | 0 | 12 | 4 | 0 |
| Niagara County | | | | | | | | |
| Medina | 0 | 1,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 1,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| Oneida County | | | | | | | | |
| Herkimer | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Onondaga County | | | | | | | | |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Queenston | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Trenton | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| Ontario County | | | | | | | | |
| Medina | 0 | 62,431 | 0 | 0 | 0 | 21 | 0 | 0 |
| Queenston | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| County Total | 0 | 62,431 | 0 | 0 | 0 | 21 | 4 | 0 |
| Oswego County | | | | | | | | |
| Trenton | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 |

1999 Oil and Gas Production by Formation in Each County

| Formation | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|------------------------|---------------|------------------|-----------------|------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| Schuyler County | | | | | | | | |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Oriskany | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| Seneca County | | | | | | | | |
| Niagara | 0 | 230 | 0 | 0 | 0 | 1 | 0 | 0 |
| Queenston | 0 | 557,312 | 0 | 0 | 0 | 133 | 1 | 0 |
| Rochester Shale | 0 | 2,829 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sodus Shale | 0 | 9,260 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 569,631 | 0 | 0 | 0 | 136 | 1 | 0 |
| Steuben County | | | | | | | | |
| Black River | 0 | 2,416,920 | 946 | 0 | 0 | 13 | 6 | 0 |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Fulmer Valley | 12,934 | 24,649 | 46,285 | 163 | 0 | 1 | 1 | 12 |
| Marcellus | 0 | 1,946 | 0 | 0 | 0 | 2 | 0 | 0 |
| Onondaga | 0 | 70,227 | 0 | 0 | 0 | 5 | 1 | 0 |
| Oriskany | 0 | 6,183 | 0 | 0 | 0 | 9 | 7 | 0 |
| Penny | 0 | 1,200 | 0 | 0 | 0 | 1 | 0 | 0 |
| Rhinestreet | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Tully | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Upper Devonian | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 12,934 | 2,521,125 | 47,231 | 163 | 0 | 32 | 20 | 12 |
| Tioga County | | | | | | | | |
| Helderberg | 0 | 963,094 | 0 | 0 | 0 | 12 | 1 | 0 |
| Marcellus | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Oriskany | 0 | 8,569 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 971,663 | 0 | 0 | 0 | 14 | 1 | 0 |

1999 Oil and Gas Production by Formation in Each County

| Formation | Oil (BBLs) | Gas (MCF) | Water (BBLs) | Active Oil Wells | Inactive Oil Wells | Active Gas Wells | Inactive Gas Wells | Water Injection Wells |
|------------------------|-----------------------|----------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|--------------------------------------|
| Tompkins County | | | | | | | | |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Wayne County | | | | | | | | |
| Trenton | 0 | 900 | 0 | 0 | 0 | 1 | 0 | 0 |
| County Total | 0 | 900 | 0 | 0 | 0 | 1 | 0 | 0 |
| Wyoming County | | | | | | | | |
| Akron | 0 | 10,866 | 0 | 0 | 0 | 2 | 0 | 0 |
| Devonian Shale | 0 | 2,500 | 0 | 0 | 0 | 1 | 0 | 0 |
| Little Falls | 0 | 57,683 | 123 | 0 | 0 | 1 | 0 | 0 |
| Medina | 0 | 342,413 | 2,537 | 0 | 0 | 231 | 17 | 0 |
| Oswego | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Theresa | 0 | 14,384 | 13 | 0 | 0 | 6 | 0 | 0 |
| Upper Devonian | 0 | 200 | 0 | 0 | 0 | 1 | 0 | 0 |
| Whirlpool | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 428,046 | 2,673 | 0 | 0 | 242 | 19 | 0 |
| Yates County | | | | | | | | |
| Black River | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Dry Wildcat | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Medina-Queenston | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Queenston | 0 | 250 | 0 | 0 | 0 | 4 | 10 | 0 |
| Trenton | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| County Total | 0 | 250 | 0 | 0 | 0 | 4 | 17 | 0 |
| State Total | 192,817 | 16,126,705 | 801,965 | 3,565 | 1,174 | 5,828 | 587 | 223 |

Table 15. Oil & Gas Production by Formation in Each County - 1999.

COMMENTS & OPINIONS

The Division of Mineral Resources is constantly striving to improve its yearly publication, the **New York State Oil, Gas and Mineral Resources** report. We would like to receive ***your*** COMMENTS & OPINIONS on how we can improve this publication!

Place your COMMENTS & OPINIONS on a copy of this page and mail it to:

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If you wish to either Fax or e-mail your COMMENTS & OPINIONS to us

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