

20 WELLS DRILLED AND COMPLETED IN 2012

Directions

Statement of geographic parameters. (Use the following definitions.)

- **Oil well** - a well that can produce hydrocarbons existing in the reservoir in a liquid state.
- **Gas or gas condensate well** - a well that can produce hydrocarbons existing initially in the gaseous phase in the reservoir.
- **Count** multiple completions as one well. Report a multiple completion as an "oil well" if oil can be produced from at least one of its zones even if gas or gas condensate can be produced from other zones.

Lines A1-A4 - **Report** wells which you operated, including wells drilled for own account and dry holes drilled which you would have operated had they been producers.

Line A3 - **Include** wells drilled and abandoned without commercial production during 2012 even if they were converted to service wells.

Line B - **Report** wells drilled for others on a contract, fee, or other basis. Do not include costs borne directly by oil and gas companies and not covered by amounts received by you for contract work.

A. Wells drilled which you operated, including wells drilled for own account	Number of wells completed during 2012	Total footage drilled during 2012	
1. Oil wells 9513	9514		thousand feet
2. Gas and Gas condensate wells 9515	9516		thousand feet
3. Dry holes 9517	9518		thousand feet
4. Service wells 9519	9520		thousand feet
B. Wells drilled for others on contract, fee, or other basis 9539	9540		thousand feet

NET PRODUCTION OF COAL BY TYPE OF MINING

Report net production of coal by type of mining

- Report contract cost in ⁹, line A5
- Short tons = 2,000 pounds

Include

- Net marketable coal produced from this mine during the year.
- Coal mined for you by contractors at strip pits, auger mines, culm banks, or underground mines for which you operate.

Exclude

- Washery or other refuse.
- Coal purchased for processing or resale.
- As contractors, those who are suppliers who mine coal property owned or leased by them on which they pay royalties.

		Net Marketable Quantity Mined	
1. Strip-pit			
a. Mined by your own employees	7402	<input type="text"/>	short tons
b. Mined by outside contractor	7403	<input type="text"/>	short tons
Specify Name and Location ↴			
<input type="text"/>			
7402			
2. Underground			
a. Mined by your own employees	7404	<input type="text"/>	short tons
b. Mined by outside contractor	7405	<input type="text"/>	short tons
Specify Name and Location ↴			
<input type="text"/>			
7405			
3. Auger, culm bank, silt bank, or dredge			
a. Mined by your own employees	7406	<input type="text"/>	short tons
b. Mined by outside contractor	7407	<input type="text"/>	short tons
Specify Name and Location ↴			
<input type="text"/>			
7407			
7408			
4. Total coal mined, all types, by own employees and outside contractors			
		7401	short tons

METAL CONTENT
 Report quantities of metals contained

Directions
 • Report metal content of production where both production and shipments are reported in ☞

		Quantities of metals contained based on an assay content of ores reported in ☞	
1. Gold			
a.	Gold	7082	Fine troy ounces
b.	Silver	7072	Fine troy ounces
c.	Lead/Zinc	7082	Thousand pounds
d.	Copper	7092	Thousand pounds
2. Silver			
a.	Silver	7073	Fine troy ounces
b.	Copper	7093	Thousand pounds
c.	Lead/Zinc	7083	Thousand pounds
d.	Gold	7083	Fine troy ounces
3. Lead/Zinc			
a.	Lead/Zinc	7085	Thousand pounds
b.	Silver	7075	Fine troy ounces
c.	Gold	7085	Fine troy ounces
d.	Copper	7095	Thousand pounds
4. Copper			
a.	Copper	7096	Thousand pounds
b.	Silver	7076	Fine troy ounces
c.	Lead/Zinc	7086	Thousand pounds
d.	Gold	7086	Fine troy ounces

SI MI 21301 for Leases Operated

2b SPECIAL INQUIRIES	
LEASES OPERATED	
Did you operate oil and gas field leases for your own account or for others during 2012?	
8811 <input type="checkbox"/> Yes - Go to line 1	2012
8812 <input type="checkbox"/> No - Go to 2b	Production quantities for leases which you operated
<i>Specify state</i> _____	Thousand barrels of oil
	Million cubic feet of gas
1.	
2.	
3.	
4.	
5. TOTAL (Add lines 1 through 4.) (Report totals in 2b, lines 17 and 19.)	

15 TYPE OF OPERATION

What type(s) of operation occurred at this establishment?

Include:

- Production, development, and exploration operations.

Note:

- If mine is under development or exploration, or maintenance is being performed, indicate method most likely to be used when production is started or resumed.

(Mark "X" all that apply)

Mining methods

0620

- 440 Strip-pit
- 444 Underground
- 480 Other mining methods (including auger, culm bank, silt bank, and dredge)
- 432 No mine or abandoned mine

Processing methods

- 470 Washing (wet-washing, pneumatic, heavy media separation, etc.)
- 474 Other processing methods (such as mechanical crushing, screening, and sizing)
- 468 No processing, except hand-picking or hand-screening

11 TYPE OF OPERATION

What type(s) of operation occurred at this establishment?

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Note:

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(Mark "X" all that apply)

Mining methods

0620 440 Surface, including open-pit, strip-pit, dredge, quarry, auger

444 Underground

450 Other, including culm or silt bank, in-situ, well, brine well

452 No mine or quarry or abandoned mine or quarry

CONTINUE WITH **12** ON PAGE 13

15 TYPE OF OPERATION - Continued

Processing and/or treatment methods

0620

470 Agglomeration, concentration, or other treatment methods

474 Crushing, grinding, washing, evaporation, drying, calcining, flotation, air separation, expanding, sizing, screening, sewing, turning, planing, etc.

488 No processing or treatment methods

15 TYPE OF OPERATION

What type(s) of operation occurred at this establishment?

Include:

- Production, development, and exploration operations.

Note:

- If mine is under development or exploration, or maintenance is being performed, indicate method most likely to be used when production is started or resumed.

(Mark "X" all that apply)

Mining methods

0620

440 Open-pit and/or dredge

444 Underground

450 Other, such as in situ solution, etc. ↗

0621

432 No mine or abandoned mine

15 TYPE OF OPERATION - Continued

Treatment methods

0820

474 Agglomeration or other treatment methods

488 No treatment or agglomeration plant

15 TYPE OF OPERATION

What type(s) of operation occurred at this establishment?

Include:

- Production, development, and exploration operations.

Note:

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(Mark "X" all that apply)

Mining methods

0820

440 Open-pit and/or dredge

444 Underground

450 Other, such as in situ solution, etc.

432 No mine or abandoned mine

408 No treatment plant



TYPE OF OPERATION

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Note:

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(Mark "X" all that apply)

Mining methods

0620

440 Open-pit and/or dredge

444 Underground

450 Other, such as in situ solution, etc.

432 No mine or abandoned mine

Treatment methods

474 Concentration or other treatment methods

466 No treatment plant

15 TYPE OF OPERATION

What type(s) of operation occurred at this establishment?

Include:

- Production, development, and exploration operations.

Note:

- If mine is under development or exploration, or maintenance is being performed, indicate method most likely to be used when production is started or resumed.

(Mark "X" all that apply)

Mining methods

0620

440 Open-pit, quarry, bank, wet pit, or dry pit

444 Underground

442 River, lake, or ocean

432 No mine or quarry or abandoned mine or quarry

Processing methods

472 Dimension stone dressing (sawing, turning, planing)

474 Crushing, grinding, pulverizing, screening, washing, classifying, or other

488 No processing plant



TYPE OF OPERATION

What type(s) of operation occurred at this establishment?

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Note:

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(Mark "X" all that apply)

Mining methods

0020

440 Open-pit

444 Underground

450 Other - Specify

0021

432 No mine or abandoned mine

13 TYPE OF OPERATION - Continued

Treatment methods

0020

474 Preparation plant (such as crushing, grinding, washing, flotation, air separation, drying, calcining, or expanding)

488 No preparation plant

1b TYPE OF OPERATION**What type(s) of operation occurred at this establishment?****Include:**

- Production, development, and exploration operations.

Note:

- If mine is under development or exploration, or maintenance is being performed, indicate method most likely to be used when production is started or resumed.

(Mark "X" all that apply)

Mining methods

0620

- 440 Open-pit
- 444 Underground
- 450 Other (such as well, brine, or dredge)
- 432 No mine or abandoned mine

Treatment methods

- 474 Preparation plant (such as crushing, grinding, washing, evaporation, drying, calcining, etc.)
- 468 No preparation plant



TYPE OF OPERATION

(Include production, development, and exploration operations.)

(Mark "X" the ONE box for which you received the largest receipts.)

Principal mineral activity of establishments served

0820

452 Metal mining

454 Coal mining

456 Mining of nonmetallic minerals, except fuels

458 Crude petroleum, natural gas, and natural gas liquids