

List of Variables in GOM Labor Needs Survey Data

Employee Survey

(Pipeline, Transportation, Seismic, & Platform/Rig)

Pipeline ID: Company ID number

Survey ID: Employee ID number

Type of work **(1)**

Home zip code in 2000

Commute method number: Home or local

Alternate zip code: Local zip

Closest city: Shore base city to go offshore

Not applicable (city): Checked if no offshore work

Work Schedule

Second job number: Yes or no

Second job Explanation: Was job offshore?

Normal work hours: Excluding overtime

Overtime hours

Number of times training attended

Age

Education level

Marital status

Spouse employment status

Number of children

Minority status

Race

Offshore personal income level

Total household income level

Sex

(Operator)

Same as above with one added question:

Type of rig/platform **(2)**

Offshore Income Spending

Pipeline ID: Company ID number

Survey ID: Employee ID number

Expense category **(3)**

Percent offshore income: For each expense category

County/Parish: Where money spent

Country: Where money spent

Work History

Pipeline ID: Company ID number

Survey ID: Employee ID number

Position history: Current, last, etc.

Starting date

Date left position

Time in position (years)

Time in position (months)

Type of work **(1)**

Job title

Description of duties

(1) Type of work

Blank

Offshore

Onshore in support of offshore duties

Onshore with little support of offshore duties

Onshore with occasional offshore duties

Unrelated to offshore duties

(2) Type of rig/platform

Compliant tower

Fixed platform

Floating production systems

Sea Star/SPAR platform

Subsea system

Tension leg platform

Jackup

Drill ship

Semisubmersible

Submersible

Platform

Not applicable

None of the above

(3) Expense Category

All expenses

Auto insurance

Auto payment

Auto repairs

Boat insurance

Boat payment

Charities

Child support

Church, etc.

Communications expense

Debt

Education

Food/Clothing

Gifts

Home improvement

Insurance

Savings/Investment

Property

Major expenses

Miscellaneous

Mortgage/Rent

Other

Pets

Recreation/Entertainment

Transportation

Utilities

Taxes

**Company Activity Form
For the Pipeline Industry**

Survey wave
Company ID
SIC
NAICS
Percentage of work operated 0 to 300 meters
Percentage of work operated 300 meters or more
Miles of offshore pipeline owned and operated
Miles of offshore pipeline operated for another company
Miles of new pipeline laid
Barrels of oil transported 0 to 300 meters
Barrels of oil transported 300 meters or more
CF of gas transported 0 to 300 meters
CF of gas transported 300 meters or more
Number of platforms serviced

**Company Activity Form
For the Seismic Industry**

Survey wave
Company ID
SIC
NAICS
Percentage of work operated 0 to 300 meters
Percentage of work operated 300 meters or more
Provided acquisition service?
Provided processing service?
Provided interpretation service?
Percent speculative work
Percent proprietary work

Percent 2D work
Percent 3D work
Percent 4D work
Percent OBC work
Vsl_Trav_km: Vessel traversed kilometers
Use own boats only?
Use contract boats?
Use both?
Frequency of contract boats: Always, sometimes, etc.
Total number of boats in use

There is no Operator Company Activity Form.

**Form 1: Expenditure by Activity
(Seismic, Pipeline)**

Survey wave
Company ID
SIC
NAICS
Expenditure type (6)
Amount
(Operator)
Same as above with one added variable:
Type of activity (4)

**Form 2: Geographic Expenditures
(Seismic, Pipeline, Operator)**

Survey wave
Company ID number
SIC
NAICS
Expenditure type (6)
Region/zip code
Amount

**Form 3: Work Force
(Seismic, Pipeline)**

Survey wave
Company ID
Full-time equivalent workers
Wages
Benefits
Wages and benefits
(Operator)
Same as above with one added variable:
Offshore or onshore employee

**Form 4: Employee Count
(Seismic, Pipeline, Operator)**

Survey wave
Company ID
Job category (5)
Total labor hours
Employee residence zip code
Personnel count

**Form 5: Labor Requirements
(Seismic, Pipeline)**

Survey wave
Company ID
Job category (5)
Average wages and benefits
Total hours
(Operator)
Same as above with one added variable:
Type of activity (4)

**Plans Form
(Seismic, Pipeline)**

Survey wave
Company ID
Technology to reduce unit costs in future?
Description of technology

**Plans Form (continued)
(Operator)**

Survey wave
Field
Company ID
Short-term price for oil
Short-term price for gas
Long-term price for oil
Long-term price for gas
If low price market
Increase number of wells?
How many wells?
How many platforms?
Decrease number of wells?
How many wells?
How many platforms?
Decommission the field?
How soon?
Something else?
If historical average market
Increase number of wells?
How many wells?
How many platforms?
Decrease number of wells?
How many wells?
How many platforms?
Decommission the field?
How soon?
Something else?
Expect advance in technology to reduce unit costs?
Description of technology

(4) Type of Activity

Geophysical Exploration
Drilling Exploration
Platform and Facilities Eng, Fab, or Install
Development Drilling
Lease Operating
AFE Projects
Pipeline Contracting
Decommissioning

**(5) Job Category and (6) Expenditure Type
are located on separate pages because
of their length**

**Field Description Form
(Operator Only)**

Survey wave
Field
Company ID
Water depth
Number of Jackups
Number of Drill ships
Number of Semisubmersibles
Number of Submersibles
Number of Platforms
Number of Well workover/completion platform rigs
Number of Drilling platform rigs
Number of Caissons
Number of Subseas
Number of Compliant towers
Number of Fixed platforms
Number of FPSs
Number of Sea Star SPARs
Number of Tension-Leg platforms
Oil production
Natural gas production
Supply base location(s)
Helicopter hubs

**Work Force Description Form
(Operator Only)**

Survey wave
Field
Company ID
Typical work schedule
Number of Drilling employees
Number of Drilling contractors
Number of Production maintenance employees
Number of Production maintenance contractors
Number of Onshore employees
Number of Construction employees
Number of Construction contractors
Number of Other employees
Number of Other contractors
Turnover by crew type

**Employee Counts
(Contractor Only)**

Field
Client operating company ID
Company ID
Job Category (5)
Hours in 2000
Zip code
Personnel count

**Labor Requirements
(Contractor Only)**

Field
Client operating company
Operator ID
Contractor ID
Job category
Average wages and benefits
Type of Activity (4)
Number of hours

**Employee Activity
(Contractor Only)**

Field
Client operating company
Operator ID
Contractor ID
Number worked offshore
Number worked onshore
Number labor hours offshore
Number labor hours onshore

**Pre-Sale Data Confirmation
(Bidder Only)**

Bidder's ID
Year
Lease ID
Amount

**Pre-Sale Expenditures
(Bidder Only)**

Bidder's ID
Year
In-house cost
External cost
Total in-house plus external cost
Seismic cost
All other cost

**(5) Job Categories
(Pipeline)**

Administrative Support
Business Development
Cathodic Protection Technician
Engineer
Field Specialist
Finance
Health, Safety & Env. Coordinator
Manager/Professional
Numerous Departments
Operations-Control Center
Operations-GOM-Craft Workers
Operations-GOM-Office/Clerical
Operations-GOM-Office/Managers
Operations-GOM-Operatives

**(5) Job Categories continued
(Pipeline continued)**

Operations-GOM-Craft Workers
Operations-GOM-Office/Clerical
Operations-GOM-Office/Managers
Operations-GOM-Operatives
Operations-GOM-Professionals
Operations-GOM-Technicians
Operations-H&S
Team Leaders
Training Coordinator

(Contractor)

Blender
CAP
Contracts Manager
Crane Mechanic
Crane Mechanic
Electrician
Machinist
Measurement Technician
Mechanic
Production Operator
Project Manager
Reservoir Simulation
Sales Engineer
Secretary
Senior Engineer
Service Supervisor
Survival and Navigation and Refurbishment Technician
Truck Driver
Welder
(Seismic)
APM
APM/Party Manager
Chief Mechanic
Chief Navigator
Chief Observer
Chief QC Geophysicist
Chief Technician
Computer Operations
Computer Operations Staff and Manager
Contract and Velocity Analysis
Contract Velocity Picker
Cook
Draftsperson
Engineer
Field Engineer
Geologist/Geophysicist
Geophysical Sales
Management
Marine Archaeologist
Mechanic
Navigator
Observer

(5) Job Categories continued

(Seismic continued)

Office Based Personnel
Offshore Operations Manager
Offshore Operations Supervisor
Party Manager
Research, Training, and Development
Sales
Seismic Processor
Software Engineers
Technician
Technology Engineers
Trainee

(Operator)

Accountant
Automation Specialist
Clerk
Electrician
Engineer
Facilities Engineering
Field Coordinator
Field Leadership
Field Operator
Field Staff Associate
Geologist/Geophysicist
Landman
Leadership
Management
Marketing
Measurement Specialist
Operation Manager
Operations Supervisor
Platform Operator
Platform Technician
Producing Operating and Maintenance
Production Foreman
Production Operator
Production Superintendent
Purchasing Agent
Regulatory
Regulatory Specialist
Staff Associates
Superintendent
Environmental
Facilities Engineer
Foreman
Management
Marketing
Mechanic
Mechanic Foreman
Production Supervisor
Prospect Generation
Processing Geophysicists
QC Geo
Quality Control of Acquisition
Quality Control of Processing

(6) Expenditures type

(Pipeline)

Chemicals
Company Labor
Food Service Contractors
Fuel, Oil, Lube & Water
Gen. & Admin.
Helicopter
Insurance
M&R - Other
Material
Miscellaneous
Operations
Other Rental Equipment

Outside Services
Parts and Expendables
Production Handling Fees
Transportation - Land

(Seismic)

Administration
Aircraft Charter
Airmiles
Boat Fuel and Lube
Boat Rental
Boat Repairs
Crane Rental
Equipment Rental
Marine Energy Source Expense
Miscellaneous Mechanical Expense
Navigation
Navigation Services
O/Head Allocations Materials and Supplies
Other
Payment to Acquisition Contractor
Payment to Processing Contractor
Payment to Quality Control Contractors
Recording Table Devices
Shipping and Crating
Supplies
Travel
Payment to Quality Control Contractors
Recording Table Devices
Shipping and Crating
Supplies
Travel

(Operator)

All Expenses
Business Related Expenses
CAPEX
Catering
Chemicals
Coil Tubing
Communications
Compressor Maintenance
Compressor/Generator Rentals

(6) Expenditures type continued

(Operator continued)

Consultants
Contract Labor
Contract Services
Control Contractors
Crude Oil Transportation
Drilling and Completion
Engineering Services
Environmental
Equipment Rental
Filtration
Food Service Contractors
Fuel

Fuel Royalty
Fuel, Oil, Lube and Water
Gas Compression Rental
Gravel Packing

Hookup

Insurance
Labor
Lease Bonus
Lease Rental
Lease Rental Payment
Lubricants
M&R-Compression
M&R-Other
M&R-Platform Electrical
Materials
Measurement
Miscellaneous
Non-Controllable
Oil/Lube
OPEX
Other Lease Operation
Other Rental Equipment
Parts and Expendables
Perforating
Processing Contractors
Production Handling Fees
Rental
Rig
Rig Mode
Safety
Seismic-Custom
Seismic-Packaged
Seismic-Pre-packaged
Stimulation
Supplies
Surface Facilities
Transportation-Air
Transportation-Land
Transportation-Marine
Utilities
Utilities-Natural Gas
Vessels
Well Services
Wireline

Note: A number in bold and parentheses to the right of a variable name, such as "Type of Work **(1)**", indicates that it is categorical factor with a set of levels. A list of these levels can be found in the second or third columns. The corresponding list of levels has a heading with the variable name and the number to the left – "**(1) Type of Work**" – for the example given.