

## Instructions for Completing Form BOEM-0140

### Bottomhole Pressure (BHP) Survey Reporting Procedures with Suggested Reporting Format

30 CFR 550.1153 requires that a static BHP survey be conducted and reported for each new producing reservoir and must be performed and reported annually for any reservoir with three or more producing completions. Documentation of all BHP survey results are reported on Form BOEM-0140, "Bottomhole Pressure Survey Report."

You must properly complete and timely submit an original copy of Form BOEM-0140 to the BOEM Regional Supervisor or his/her authority.

Please follow the instructions and guidance below, and if any questions or issues need to be addressed or if further assistance is necessary to properly complete Form BOEM-0140, please contact the appropriate BOEM Regional Office listed at the end of this document.

#### REPORTING REQUIREMENTS

For each new reservoir, conduct a static BHP survey within 90 days after the date of first continuous production. A BHP survey consists of pressure and gradient information at the middle of the well's perforated interval along with pressure and gradient information obtained at stops coming out of the hole. For each producing reservoir with three or more producing completions, conduct BHP surveys on a sufficient number of key wells (i.e., wells located in different structural positions in the reservoir; for example, on the east flank, west flank, and middle of an anticlinal structure) to establish an average reservoir pressure.

1. Within 60 days after the date of the survey, the results of all BHP surveys must be reported on Form BOEM-0140 and submitted to the BOEM Regional Supervisor or his/her authority.
2. The BOEM Regional Supervisor may require that BPH surveys be conducted to test specific wells in accordance with 30 CFR 550.1153(a).
3. 30 CFR 550.1153(d) allows the BOEM Regional Supervisor to grant a departure from the requirement to run a static BPH survey. To request a departure, you must submit justification for granting such departure, along with Form BOEM-0140 showing a calculated bottomhole pressure or any measured data.

#### FORM BOEM-0140 OVERVIEW

1. **Field:** As designated by BOEM field naming committee in the Gulf of Mexico Region and by the Office of Resource Evaluation in the other regions, and on Form BSEE-0124, "Application for Permit to Modify (APM)."
2. **Lease:** Lease number of the producing interval as approved by BSEE on the Form BSEE-0125, "End of Operations Report (EOR)," Item 9, or Form BSEE-0124, "Application for Permit to Modify (APM)," Item 10.
3. **Well Name:** Appropriate BSEE approved well name (i.e., A001, A001 D, etc.) on Form BSEE-0125, Item 4, or Form BSEE-0124, Item 1.

4. **Reservoir Name:** As designated by lease operator. The reservoir name is also on Form BSEE-0125, Item 30, or Form BOEM-0127, "Sensitive Reservoir Information Report" (SRI). Do not use slash (/) designation in the reservoir name as BSEE/BOEM uses this to designate downhole commingled reservoirs.

5. **API No.:** A fourteen-digit number (including completion code) as assigned or approved by BSEE/BOEM.

6. **Date of Test:** The year, month, and day on which the test commenced.

**NOTE:** Within 60 days from the date of the survey, submit the BHP to the appropriate BOEM Regional Supervisor according to 30 CFR 550.1153.

7. **Operator Name:** Lease operator of record or the lease owner designee (Designated Operator).

8. **Shut-in Time:** Number of hours the well was shut in prior to the test. A minimum of 4 hours is required.

9. **Bottomhole Temperature:** Maximum temperature at maximum survey depth (°F).

10. **KB to Sea Level Elevation:** Elevation, in feet, from kelly bushing to sea level.

11. **KB to THF Elevation:** Distance between the kelly bushing and tubing-head flange, in feet.

12. **THF to Sea Level Elevation:** Elevation, in feet, from sea level to the tubing-head flange.

13. **Product:** Type of fluid produced. Oil (O) or Gas (G).

14. **Test Number:** If more than one test performed in same well on same date.

15. **Shut-in Tubing Pressure:** Shut-in wellhead tubing pressure of the well in a stabilized condition (psia).

16. **Perforations:** List perforated interval in measured depths as shown on Form BSEE-0125, Items 26 and 27.

17. **Measured Depth from THF:** The first measured depth should always start at zero. The apparent depth measured along the longitudinal axis of the borehole from a specified point.

**NOTE:** More than one measured depth and corresponding pressure are required.

18. **True Vertical Depth from KB:** The vertical distance measured along the axis of the borehole from the rig Kelly bushing to the depth of maximum depth of the well (in feet).

19. **Pressure:** The measured pressure (psia) at a specific depth.

20. **Pressure Gradient:** The change in pressure (DELTA PRESSURE) divided by the change in depth (DELTA DEPTH) (lbs. /ft.)

21. **Company Contact:** The contact name, telephone phone number(s), and email address of the Company representative.

22. **Remarks:** Any additional comments deemed pertinent to the acceptance of the BHP survey.

## **BOEM Regional Program Office Contacts for Completing Form BOEM-0140**

### **BOEM Alaska OCS Region**

Attention: Regional Supervisor  
Office of Resource Evaluation  
3801 Centerpoint Drive, Suite 500  
Anchorage, AK 99503-5823

### **BOEM Gulf of Mexico OCS Region**

Attention: Regional Supervisor  
Office of Resource Evaluation  
1201 Elmwood Park Boulevard  
New Orleans, LA 70123-2394  
Mail Stop GM 773E

### **BOEM Pacific OCS Region**

Attention: Regional Supervisor  
Office of Strategic Resources  
770 Paseo Camarillo, 2<sup>nd</sup> Floor  
Camarillo, CA 93010-6095