Notice of Reservoir Discovery Form, ADY-1

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| Form code |  | Date of publication of the form in the Federal Official Gazette | | |
| FF - CNH - 007 |  | 14 | 10 | 2016 |
| Place where the formalities are complied with |  | Date when the formalities are complied with | | |
|  |  |  |  |  |
| DD | MM | YYYY |

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| *Read the corresponding instructions before filling out the form.*  ***If any data or file can not be provided in full in this form, attach such document.*** | |
| Section 1. General data of the oilfield operator | |
| Contract or assignment type and number: |  |
| Name or Corporate Name (paternal surname, maternal surname and name(s), or, Registered Name): | |
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| Contact details of the oilfield operator | | | | | | |
| Long-distance code: |  | | Landline phone number: |  | Work phone number: |  |
| Extension: | |  | E-mail to receive notifications from the National Hydrocarbons Commission: | | | |

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| Address of the oilfield operator | | | | | | | | |
| Zip code: | |  | | | Street: |  | | |
| (Example: Avenida Insurgentes Sur, Boulevard Avila Camacho, roadway, lane, main road, etc.) | | | |
| House number | |  | Unit number: |  | Neighborhood: | |  | |
| (Example: Ampliación Juárez, Residencia Hidalgo, Subdivision, Section, etc.) | | | |
| Borough: |  | | | | Municipality or Town: | | |  |
| State: |  | | | |  | | | |

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| Name of the legal representative (paternal surname, maternal surname and name(s): |
| Official identification document: ⭘ Passport ⭘ Voter's registration card ⭘ Professional license  ⭘ Other, please specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Express authorization to use the address or e-mail provided for purposes of service of process by the National Hydrocarbons Commission: ⭘ Yes ⭘No |

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| Section 2. Related information to be submitted with the notice  (State here the plan that is related to the notice of reservoir discovery to be notified to the National Hydrocarbons Commission) | |
| **I. Information submission** | |
| ⭘ Provisional plan  ⭘ Exploration plan  ⭘ Appraisal plan  ⭘ Development for extraction plan  ⭘ Exploration and development plan to extract shale hydrocarbons  ⭘ Exploration and development plans to extract natural gas contained in coal veins  ⭘ Exploration and development plan to extract gas hydrates |  |

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| Section 3. Notice-related information  (The Oilfield Operator must submit with this form the section of the plan that is directly related to the discovered reservoir.  If the oilfield operator has previously submitted this information to the National Hydrocarbons Commission, it must state the included data in this section’s table) | | | |
| I. Identification number of the well drilling authorization: | | | |
| II. Date when the well drilling authorization was granted | | | |
|  | DD | MM | YYYY |
| III. State the section of the plan, including the numbers of the pages that are directly related to the discovered reservoir: | | | |

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| Section 4. Description of the discovered reservoir | | | | |
| I. Date when the discovery was made: | | | | |
|  | | DD | MM | YYYY |
| II. Average depth (vm): | III. Average depth (dm): | | | |

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| Geological context | | | | |
| IV. Era | V. Period | VI. Epoch | VII. Basin | VIII. Play |
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| IX. Tectonic regime: | | | | |
| X. Depositional environment: | | | | |
| XI. Reservoir rock lithology: | | | | |

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| Section 5. Discovery well identification | | | | | |
| I. Submit the location using surface coordinates and depth | | | | | |
| Geographic coordinates: | | | | | |
| UTM coordinates: | | | | | |
| II. Well’s descriptive table | | | | | |
| Drilling start date | Drilling end date | Current status | Target depth vm/dm | Well type | Plugging date |
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| Annex 1 of section 5.- Well location map: | | | | | |
| Annex 2 of section 5.- Detailed information of the discovery well: | | | | | |

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| III. Well identification  (State the well’s data and the discovery well identification code) | | | | | | | | | | | | | | | | |
| a) Well name and number: | | | | | | | | | | | | | | | | |
| b) Well location; in relation to the corresponding municipality (onshore well), direction and distance: | | | | | | | | | | | | | | | | |
| c) Well location; in relation to the nearest port (offshore well), direction and distance: | | | | | | | | | | | | | | | | |
| d) Well nomenclature: (15 digits with optional extension to 17 digits). | | | | | | | | | | | | | | | | |
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| A | | B | | | C | | | | | | | | D | | E | |

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| IV. Well classification | | | | | | | | | |
| Well classification code (9 digits): |  |  |  |  |  |  |  |  |  |
|  | (Initial drilling target) | | | (Well drilling outcome) | | | (Current well conditions) | | |

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| Section 6. Report of the results of the surveys carried out in the discovered hydrocarbons formation(s) |
| **I. Attach the surveys and the results of the following analyses carried out on the geological column, rock and fluids of the discovered reservoir:** |
| Surveys carried out on the rock and fluid from the discovered reservoir: |

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| Report with the results of surveys carried out on the drilled geological column: |
| Do you attach the analyses carried out on the discovered hydrocarbons? ⭘ Yes ⭘No |
| Do you submit samples of the discovered hydrocarbons? ⭘ Yes ⭘No |

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| Section 7. Information submitted using electronic means  (When attaching an electronic document is necessary, please state the section of this form to which such file corresponds to, as well as the file’s name and extension) | | |
| Section of the form | File name | Extension |
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| **The reservoir discovery notice shall be submitted to the Commission no later than 5 business days after the Oilfield Operator confirms the discovery; the report referred to in article 19 of the Well Drilling Guidelines shall be submitted within 15 business days thereafter.** |

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| **I state under oath to tell the truth that the data provided in this document are authentic and that I am also aware of the penalties imposed by the laws in force to those who make false statements to the authorities when the latter perform their duties or in connection therewith.**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Name and signature  **Signature:** The form must be signed using blue ink by the legal representative, who delivers original or certified copy and legible and true and correct copy of their identification for comparison purposes. |

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| **Filling out instructions**  Section 1. General data of the Oilfield Operator: *This section must be filled in with the following identification data of the Oilfield Operator:*  Contract or Assignment type and number: Write down the type and number of the contract or assignment related to these formalities.  Name or Corporate Name: Write down the full name of the natural person or the corporate or registered name of the legal entity, State’s productive company, assignee or contractor, as applicable.  Address of the Oilfield Operator: Write down the full address of the Oilfield Operator.  Name of the legal representative: Write down the full name of the legal representative of the company, with which the National Hydrocarbons Commission will communicate for the purposes of these formalities.  Official identification document: Check the box of the document submitted for identification purposes.  E-mail to receive notifications from the National Hydrocarbons Commission: Write down the e-mail where you want to receive official notifications from the National Hydrocarbons Commission.  Express authorization to use the address or e-mail provided for purposes of service of process by the National Hydrocarbons Commission: If you answer NO, there will be no electronic communication between the National Hydrocarbons Commission and the Oilfield Operator.  Phone number: Write down the phone numbers, providing the long-distance code of the city and phone number, specifying whether it is a landline or mobile phone number, where the legal representative can be reached.  **Remark: The official identification of the legal representative attached to this form must be delivered in simple and readable copy and the original thereof must be shown for comparison purposes.**  Section 2. Related information to be submitted with the notice: State herein the plan that is related to the notice of reservoir discovery to be notified to the National Hydrocarbons Commission.  Section 3. Attached notice-related information: If the Oilfield Operator has previously submitted this information to the National Hydrocarbons Commission, it must complete this section as follows:   1. State the number that identifies the Well Drilling authorization or amendment thereof. 2. State the authorization date starting with the day, followed by month and year. 3. State the section of the plan, including the numbers of the pages that are directly related to the discovered reservoir.   Section 4. Description of the discovered Reservoir: The following information must be provided in this section:   1. Date when the discovery was made; state the date starting with the day, followed by month and year. 2. Average depth (vm). Provide this information in vertical meters. 3. Average depth (dm). Provide this information in developed meters.   IV to XI. Geological context: Era, period, epoch, basin, play, tectonic regime, depositional environment and lithology of the reservoir rock: Related data to locate the discovered reservoir in time and space, as well as other relevant geological conditions thereof.  Section 5. Discovery well identification:   1. Location in surface coordinates and depth. The geographical coordinates and the UTM coordinates, defined in Annex I of the Well Drilling Guidelines, must be provided in this section. 2. Well’s descriptive table. Provide the requested information in each box. The following information must be attached as part of the supplementary information for this section:  * Annex 1 of section 5.- Well location map. A map containing the geographical location of the polygon of the Contractual Area or Assignment, the surface location of the discovery well, important topographic features, access roads, nearby towns, state and municipal divisions, protected areas, among others, shall be submitted. * Annex 2 of section 5.- Detailed information of the discovery well. This annex must contain at least the following well information: geometry, perforated intervals, stimulations, completions (including tests to determine the production potential), drilling fluids, operating problems, description of problem areas (if any), drilled geological column, as well as a detailed diagram of the mechanical conditions of the well.  1. Well Identification. This section must be filled out pursuant to the provisions of Annex III of the Well Drilling Guidelines. Verify the corresponding codes in Annex III, “Guidelines for recording the identification and classification of wells related to hydrocarbon exploration and extraction activities in Mexico”. 2. Well Classification: This section must be filled out pursuant to the provisions of Annex III of the Well Drilling Guidelines. Verify the corresponding codes in Annex III, “Guidelines for recording the identification and classification of wells related to hydrocarbon exploration and extraction activities in Mexico”.   Section 6. Report of the results of the surveys carried out in the discovered formation(s) with hydrocarbons: The surveys carried out on the rock-fluid system of the discovered reservoir and on the geological column must be attached in this section.  Section 7. Information submitted using electronic means: Here, the Oilfield Operator must state the section of this form to which such file corresponds to, as well as its name and extension, when the information is submitted using electronic means.  Legal basis: Article 19 of the Well Drilling Guidelines, as well as article 15 of the Federal Administrative Procedures Act. |