LIETUVOS GEOLOGIJOS TARNYBOS



PRIE APLINKOS MINISTERIJOS DIREKTORIAUS

ĮSAKYMAS

**DĖL Lietuvos geologijos tarnybos prie Aplinkos ministerijos direktoriaus 2004 m. balandžio 23 d. įsakymo Nr. 1-45 „Dėl žemės gelmių registro tvarkymo taisyklių patvirtinimo“ pakeitimo**

2011 m. sausio 31 d. Nr. 1-33

Vilnius

Pakeičiu Žemės gelmių registro tvarkymo taisykles, patvirtintas Lietuvos geologijos tarnybos prie Aplinkos ministerijos direktoriaus 2004 m. balandžio 23 d. įsakymu Nr. 1-45 „Dėl Žemės gelmių registro tvarkymo taisyklių patvirtinimo“ (Žin., 2004, Nr. [90-3342](https://www.e-tar.lt/portal/lt/legalAct/TAR.A8FBAAEBAF15); 2006, Nr. [86-3386](https://www.e-tar.lt/portal/lt/legalAct/TAR.DFF57ACC3922)),

1. 12 punktą išdėstau taip:

„12. Registro duomenų teikėjai dokumentus gali teikti Lietuvos geologijos tarnybai asmeniškai, per kurjerį, siųsti registruotu laišku arba, sudarę sutartį su Lietuvos geologijos tarnyba, pateikti sutartyje numatytomis elektroninėmis priemonėmis.

Registro duomenų teikėjo ar naudotojo teikiamų dokumentų kopijos ar nuorašai, kurių originalų Lietuvos geologijos tarnyba neturi, turi būti patvirtinti pagal Dokumentų tvarkymo ir apskaitos taisyklių, patvirtintų Lietuvos archyvų departamento prie Lietuvos Respublikos Vyriausybės direktoriaus 2001 m. gruodžio 28 d. įsakymu Nr. 88 (Žin., 2002, Nr. [5-211](https://www.e-tar.lt/portal/lt/legalAct/TAR.5A089D514C5E)), reikalavimus, šiuos dokumentus priėmusios institucijos ar įstaigos įgalioto asmens parašu. Tuo atveju, kai dokumentų kopijos ar nuorašai teikiami kartu su originalais, kopijų ir nuorašų autentiškumą savo parašu ir antspaudu gali patvirtinti Lietuvos geologijos tarnybos atsakingas darbuotojas.“

2. Žemės gelmių registro tvarkymo taisyklių 1 priede 11.3 punkte išbraukiu žodį „antspaudas“.

3. Žemės gelmių registro tvarkymo taisyklių 2 priedo 9 punkte išbraukiu žodį „antspaudas“.

4. Žemės gelmių registro tvarkymo taisyklių 4 priede išbraukiu žodžius „antspaudas“ ir šį priedą išdėstau taip:

„Žemės gelmių registro tvarkymo taisyklių

4 priedas

**(Pavyzdinė forma)**

**GRĘŽINIO PASAS**

(tarnybos ženklas)

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| **Gręžinio identifikavimo Nr.** |  |
| **Žemės gelmių tyrimo identifikavimo Nr.** |  |

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| **Paso pateikėjas** |  | | | | | | **Juridinio ar fizinio asmens kodas** | | |  | | |
| **Buveinė (adresas)** |  | | | | | | | | | | | |
| **Jungtinės veiklos sutarties sudarymo data/numeris** | | | | |  | | | | | | | |
| **Rangovas** |  | | | | | | **Juridinio ar fizinio asmens kodas** | | |  | | |
| **Buveinė (adresas)** |  | | | | | | | | | | | |
| **Jungtinės veiklos sutarties sudarymo data/numeris** | | | | |  | | | | | | | |
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| **Gręžinio žiočių koordinatės** | | | | **Duomenų naudojimo apribojimas, metai** | | | | | | |  |  |
| **Plokštuminės stačiakampės**  **(LKS–94 sistemoje)** | | **X** |  | | | **m** | | **Y** |  | | | |
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| **Gręžinio adresas** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Valstybė** | **Apskritis** | | | | | | | | | **Savivaldybė / Seniūnija** | | | | | | | | **Gyvenamoji vietovė** | | | | | | | | | | | | | **Gatvė** | | | | | | **Namas** | | | |
| (miestas, miestelis, kaimas) | | | | | | | | | | | | |  | | | | | |  | | | |
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| **Pirminio dokumento tipas** | | | | | | | |  | | | | | | | | | | | | | **Pirminio dokumento Nr.** | | | | | | | | | | | | | |  | | | | | |
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| **Reljefo forma** | | | | | | |  | | | | | | | | | | | | | | | | | | **Knygų pakelio Nr.** | | | | | | | | | | | | |  | | |
| **Gręž. žiočių a. a., m** | | | | | | |  | | | | | **Gręžinio gylis, m** | | | | | | | | | | |  | | | | | | **Knygos Nr.** | | | | | | | | |  | | |
| **Gręžinio įrengimo data** | | | | | | |  | | | | | **Gręžinio kamieno ilgis, m** | | | | | | | | | | |  | | | | | | **Fond. kortelės Nr.** | | | | | | | | |  | | |
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| **Atšakų skaičius** | | |  | | | | | | **Atšakų ilgis, m** | | | |  | | | | | |  | | |  | | | | |  | | | | | | | | |  | | |  | |
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| **Gręž. arba atšakų kirtaviečių koordinatės (LKS–94 sist.), m** | | | | | | | | | | | **X–**  **Y–** | | | | | | | | | **X** –  **Y** – | | | | | | | | | | **X** –  **Y** – | | | | | | | | | | |
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| **Savininkas:** | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | |  | | | | | | | |
|  | | | | **Vardas** | | | | | | | | | | | | **Pavardė** | | | | | | | | | | | | | | | | | **Fizinio asmens kodas** | | | | | | | |
| **Fizinis asmuo** | |  | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |  | | | | | |
| **Adresas** | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Juridinis asmuo** | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | **Juridinio asmens kodas** | | | | | | | | | | |
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| **Buveinė (adresas)** | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Juridinių ir/ar fizinių asmenų grupė, veikianti pagal jungtinės veiklos sutartį** | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |
| **Jungtinės veiklos sutarties sudarymo data/numeris** | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| **Objekto tipas** | | | | |  | | | | | | | | | | | | | | | | | | | **Objektas** | | | | | | | | |  | | | | | | | |
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**Pasikeitus gręžinio savininkui, apie tai būtina pranešti Registro tvarkymo įstaigai.**

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| **Gręžinio identifikavimo Nr.** | | | | | | | | | | | | | | | | |  | | | |
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| **Gręžinio paskirtis** | |  | | | | | | | | | | | | | | **Data nuo** | | |  |
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| **SAZ, m** | |  | | | | **Išteklių rūšis** | | | |  | | | | | | | |  | |
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| **Gręžinio būklė** | |  | | | | | | | | | | | | | | **Data nuo** | | |  |
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| **Gręžimo būdai** (matav. nuo ž. p.) | | | |  | | **nuo (m)** | **iki (m)** | | |  | | | **Atlikti tyrimai** | | | | | | | |
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| **Gręžinio vietos schema M 1:** | | | | | | | | | | | | | | | | | | | |
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| **Gręžinio vietos aprašymas** |
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| **Pastabos** |
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| **Gręžinio identifikavimo Nr.** |  |

**Gręžinio savininkas (pildomas esant savininkų grupei ir/arba pasikeitus savininkui)**

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| **Savininkas:** | | | | | |  | | | | |  | | |
|  | | **Vardas** | | | | **Pavardė** | | | | | **Fizinio asmens kodas** | | |
| **Fizinis asmuo** |  | | | |  | | | | | | |  |
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| **Juridinis asmuo** | | |  | | | | | | **Juridinio asmens kodas** | | | | |
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| **Buveinė (adresas)** | | |  | | | | | | | | | | |
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| **Juridinių ir/ar fizinių asmenų grupė, veikianti pagal jungtinės veiklos sutartį** | | | | | | |  | | | | | | |
| **Jungtinės veiklos sutarties sudarymo data/numeris** | | | | | | |  | | | | | | |
| **Savininkas:** | | | | | |  | | | | |  | | |
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| **Buveinė (adresas)** | | |  | | | | | | | | | | |
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| **Juridinių ir/ar fizinių asmenų grupė, veikianti pagal jungtinės veiklos sutartį** | | | | | | |  | | | | | | |
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| **Buveinė (adresas)** | | |  | | | | | | | | | | |
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| **Juridinių ir/ar fizinių asmenų grupė, veikianti pagal jungtinės veiklos sutartį** | | | | | | |  | | | | | | |
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| **Buveinė (adresas)** | | |  | | | | | | | | | | |
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| **Juridinių ir/ar fizinių asmenų grupė, veikianti pagal jungtinės veiklos sutartį** | | | | | | |  | | | | | | |
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| **Gręžinio identifikavimo Nr.** |  |

**Geologinio pjūvio aprašymas**

| **Eil. Nr.** | **Pado gylis nuo ž. p., m** | **Sluoksnio geologinis indeksas** | **Pagrindinė sluoksnio uoliena** | **Sluoksnio aprašymas** | **Kerno išeiga, %** |
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| **Gręžinio identifikavimo Nr.** |  |

**Vandeningų sluoksnių hidrogeocheminės charakteristikos**

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| **Mėginio paėmimo data** |  | |  |  | |  | |
| **Gylis (nuo ž. p.): nuo-iki (m)** |  | |  |  | |  | |
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| **Temperatūra °C** |  | |  |  | |  | |
| **pH** |  | |  |  | |  | |
| **Lyginamasis svoris (g/cm3)** |  | |  |  | |  | |
| **Savitasis elektros laidis (µmiuS cm-1)** |  | |  |  | |  | |

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| **Sausa liekana (mg/l)** |  |  |  |  |
| **Bendra mineralizacija (mg/l)** |  |  |  |  |
| **Bendras kietumas (mg-ekv./l)** |  |  |  |  |
| **Karbonat. kietumas (mg-ekv./l)** |  |  |  |  |

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| **Oksidacija**  **(mgO2/l)** | **Permanganatinė** |  |  |  |  |
| **Bichromatinė** |  |  |  |  |

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| **Kvapas (balai)** |  |  |  |  |
| **Skonis (balai)** |  |  |  |  |
| **Spalvingumas (laipsniai)** |  |  |  |  |
| **Drumstumas (mg/l)** |  |  |  |  |

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| **Anijonai**  **(mg/l)** | **Cl–** |  | |  |  | |  | |
| **SO42–** |  | |  |  | |  | |
| **HCO3–** |  | |  |  | |  | |
| **CO32–** |  | |  |  | |  | |
| **NO2–** |  | |  |  | |  | |
| **NO3–** |  | |  |  | |  | |
| **PO43–** |  | |  |  | |  | |
| **HPO42–** |  | |  |  | |  | |
| **B3–** |  | |  |  | |  | |
| **HS–** |  | |  |  | |  | |
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| **Katijonai**  **(mg/l)** | **Na+** |  | |  |  | |  | |
| **K+** |  | |  |  | |  | |
| **Na++K+** |  | |  |  | |  | |
| **Ca2+** |  | |  |  | |  | |
| **Mg2+** |  | |  |  | |  | |
| **Fe2+** |  | |  |  | |  | |
| **Fe3+** |  | |  |  | |  | |
| **Fe2+Fe3+** |  | |  |  | |  | |
| **NH4+** |  | |  |  | |  | |
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| **N organinis (mg/l)** | |  | |  |  | |  | |
| **N mineralinis (mg/l)** | |  | |  |  | |  | |
| **P organinis (mg/l)** | |  | |  |  | |  | |
| **P mineralinis (mg/l)** | |  | |  |  | |  | |
|  | | | | | | | | |
| **Mikroorganizmų kiekis 1cm3** | |  | |  |  | |  | |
| **Coli-indeksas (vienetai)** | |  | |  |  | |  | |
| **Coli-titras (litrai)** | |  | |  |  | |  | |

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| **Gręžinio identifikavimo Nr.** |  |

**Vandeningų sluoksnių hidrogeocheminės charakteristikos**

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| **Kiti elementai,**  **mg/l** | | **Al3+** | | |  | | |  | | |  | | |  | | |
| **F–** | | |  | | |  | | |  | | |  | | |
| **Mn2+** | | |  | | |  | | |  | | |  | | |
| **Cu2+** | | |  | | |  | | |  | | |  | | |
| **Zn2+** | | |  | | |  | | |  | | |  | | |
| **Ni2+** | | |  | | |  | | |  | | |  | | |
| **Cd2+** | | |  | | |  | | |  | | |  | | |
| **Pb2+** | | |  | | |  | | |  | | |  | | |
| **J–** | | |  | | |  | | |  | | |  | | |
| **Br–** | | |  | | |  | | |  | | |  | | |
| **HBO2** | | |  | | |  | | |  | | |  | | |
| **MoO42–** | | |  | | |  | | |  | | |  | | |
| **Co2+** | | |  | | |  | | |  | | |  | | |
| **U6+** | | |  | | |  | | |  | | |  | | |
| **Ra (k/l)** | | |  | | |  | | |  | | |  | | |
| **CO2** | | |  | | |  | | |  | | |  | | |
| **H2S** | | |  | | |  | | |  | | |  | | |
| **SiO2** | | |  | | |  | | |  | | |  | | |
| **H2CO3** | | |  | | |  | | |  | | |  | | |
| **Cr3+** | | |  | | |  | | |  | | |  | | |
| **Cr6+** | | |  | | |  | | |  | | |  | | |
| **Crbendr.** | | |  | | |  | | |  | | |  | | |
| **O2** | | |  | | |  | | |  | | |  | | |
| **B** | | |  | | |  | | |  | | |  | | |
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| **Ištirpusios dujos (mg/l)** | | **Deguonis** | | |  | | |  | | |  | | |  | | |
| **Metanas** | | |  | | |  | | |  | | |  | | |
| **Propanas** | | |  | | |  | | |  | | |  | | |
| **Pentanas** | | |  | | |  | | |  | | |  | | |
| **Heksanas** | | |  | | |  | | |  | | |  | | |
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| **Naftos angliavandeniliai (NA) (mkg/l)** | **Benzenas** | | | |  | | |  | | |  | | |  | | |
| **Toluenas** | | | |  | | |  | | |  | | |  | | |
| **Etil-benzenas** | | | |  | | |  | | |  | | |  | | |
| **Ksilenas** | | | |  | | |  | | |  | | |  | | |
| **TMB suma** | | | |  | | |  | | |  | | |  | | |
| **NA suma (mg/l)** | | | | |  | | |  | | |  | | |  | | |
| **Tetrachloretenas (mkg/l)** | | | | |  | | |  | | |  | | |  | | |
| **Trichloretenas (mkg/l)** | | | | |  | | |  | | |  | | |  | | |
| **Daugiacikliai aromatiniai angliavandeniliai (mkg/l)** | | | | |  | | |  | | |  | | |  | | |
| **Pesticidų suma (mkg/l)** | | | | |  | | |  | | |  | | |  | | |
| **Kiti nustatyti junginiai** | | | | | | | | | | | | | | | | |
| **Junginys** | | | **Matavimo vnt.** | | |  | | |  | | |  | | |  | |
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| **Gręžinio identifikavimo Nr.** |  |

**Vandeningų sluoksnių charakteristikos** (matavimai nuo ž. p.)

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| **Nr.** |  | **VS kraigas** | | | |  | **VS padas** | | |  | **VS tipas** | | | | | | | | | |  |  | |
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| **Vandens lygis nuo ž. p. H** | | | | | | |  | | **m** | |  | | | | **Filtracijos K** | | | | | | |  | **m/parą** |
|  | | | | | | | | | | | | | | | | | | | | | | | |
| **Lygio pjezolaidumo a** | | | | | | |  | | | | | **m2/parą** | **Vandens atidavimo µ** | | | | | | | | |  |  |
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| **Filtracinio laidumo T** | | | | | | |  | | | | | **m2/parą** |  | | | | | | | |  |  |  |
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| **Išpumpavimai:** | | | | **Nr.** | | **Debitas Q** | | | **Pažemėjimas S** | | | | | | **Trukmė t** | | |  | | **Išpumpavimo būdas** | | | |
|  | | |  | |  |  | | **l/s** | |  | | | | **m** | |  | **para** | |  | | | | |
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| **Vandens lygis nuo ž. p. H** | | | | | | |  | | **m** | |  | | | | **Filtracijos K** | | | | | | |  | **m/parą** |
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| **Lygio pjezolaidumo a** | | | | | | |  | | | | | **m2/parą** | **Vandens atidavimo µ** | | | | | | | | |  |  |
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| **Filtracinio laidumo T** | | | | | | |  | | | | | **m2/parą** |  | | | | | | | |  |  |  |
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| **Išpumpavimai:** | | | | **Nr.** | | **Debitas Q** | | | **Pažemėjimas S** | | | | | | **Trukmė t** | | |  | | **Išpumpavimo būdas** | | | |
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| **Nr.** |  | **VS kraigas** | | | |  | **VS padas** | | |  | **VS tipas** | | | | | | | | | |  |  | |
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| **Vandens lygis nuo ž. p. H** | | | | | | |  | | **m** | |  | | | | **Filtracijos K** | | | | | | |  | **m/parą** |
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| **Lygio pjezolaidumo a** | | | | | | |  | | | | | **m2/parą** | **Vandens atidavimo µ** | | | | | | | | |  |  |
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| **Filtracinio laidumo T** | | | | | | |  | | | | | **m2/parą** |  | | | | | | | |  |  |  |
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| **Išpumpavimai:** | | | | **Nr.** | | **Debitas Q** | | | **Pažemėjimas S** | | | | | | **Trukmė t** | | |  | | **Išpumpavimo būdas** | | | |
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| **Nr.** |  | **VS kraigas** | | | |  | **VS padas** | | |  | **VS tipas** | | | | | | | | | |  |  | |
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| **Vandens lygis nuo ž. p. H** | | | | | | |  | | **m** | |  | | | | **Filtracijos K** | | | | | | |  | **m/parą** |
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| **Lygio pjezolaidumo a** | | | | | | |  | | | | | **m2/parą** | **Vandens atidavimo µ** | | | | | | | | |  |  |
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| **Filtracinio laidumo T** | | | | | | |  | | | | | **m2/parą** |  | | | | | | | |  |  |  |
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| **Išpumpavimai:** | | | | **Nr.** | | **Debitas Q** | | | **Pažemėjimas S** | | | | | | **Trukmė t** | | |  | | **Išpumpavimo būdas** | | | |
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| **Gręžinio identifikavimo Nr.** |  |

**Gręžinio konstrukcija**

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|  | **Nr.** | |  | **Gylis nuo ž. p.** | | | | **Skersmuo, mm** | | | | | **Konstrukcijos elementas** | | | | | | | | | |  | | | |
|  | **nuo, m** | **iki, m** | | | **tipas** | | |  | | **medžiaga** | | | **likviduotas** | | | | | |
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| **Izoliacija (tamponas):** |  | **Gylis nuo ž. p.** | | | |  | | | **Tamponavimo būdas** | |
| **nuo, m** | | **iki, m** | |
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| **Užpildė**  Vardas, pavardė, pareigos, parašas, telefonas, data | **Patikrino**  Vardas, pavardė, pareigos, parašas, telefonas, data |
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Du užpildytus gręžinio paso egzempliorius su geofizinių, cheminių, hidrogeocheminių ir kt. atliktų tyrimų duomenimis privalote pateikti LIETUVOS GEOLOGIJOS TARNYBAI adresu:

**S. Konarskio g. 35, LT-2600 Vilnius, tel. 213 9045, faks. 233 6156**

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| **Įregistravo**  Vardas, pavardė, pareigos, data |  |
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| **Gręžinio identifikavimo Nr.** |  |

**Naftos (angliavandenilių) telkinio charakteristikos**

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| **Telkinys** |  |  |

**Naftingų sluoksnių išbandymas kolonoje\***

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| Išbandymo data |  |  |  |
| NS geologinis indeksas |  |  |  |
| Efektyvaus intervalo storis, m |  |  |  |

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| Išbandymo būdas |  |  |  |
| Kompresorinių vamzdžių nuleidimo gylis, m |  |  |  |
| Kompresorinių vamzdžių skersmuo, mm |  |  |  |
| Eksploatacinių vamzdžių skersmuo, mm |  |  |  |
| Gylis, m |  |  |  |
| Perforacijos intervalas nuo – iki, m |  |  |  |
| Perforatoriaus tipas |  |  |  |
| Skylių tankis, 1m |  |  |  |

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| **Išbandymo sąlygos** | | | |
| Riboklio skersmuo, mm |  |  |  |
| Pažeminimas ( dinaminis lygis ), m |  |  |  |
| Depresija, MPa |  |  |  |
| Suminis pritekėjimo laikas, val. |  |  |  |

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| **Išbandymo rezultatai** | | | | | | |
| Nafta, m3/parą | | | |  |  |  |
| Vanduo, m3/parą | | | |  |  |  |
| Sluoksnio slėgis | | Psl, MPa | |  |  |  |
| Gylis, m | |  |  |  |
| Sluoksnio slėgis pritekėjimo metu | | P gręžinio dugne | MPa |  |  |  |
| Gylis, m |  |  |  |
| P žiotyse, MPa | |  |  |  |
| Sluoksnio temperatūra, °C | | | |  |  |  |
| Temperatūra gręžinio dugne, °C | | | |  |  |  |
| Apskaičiuoti efektyvaus int. parametrai | Produktyvumo koeficientas, m3/parą atm. | | |  |  |  |
| Hidropralaidumas, mkm2.cm/mPa.s | | |  |  |  |
| Skvarbumo koeficientas, mkm2.10–3 | | |  |  |  |

\* Gylio matavimai pateikiami nuo žemės paviršiaus.

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| **Gręžinio identifikavimo Nr.** |  |

**Naftingų sluoksnių charakteristikos \***

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| Nr. tipas |  | NS kraigas |  | NS padas |  | Naftingos sankaupos |  | NS geologinis indeksas |
|  |  |  | m |  | m |  |  |  |
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|  |  |  | m |  | m |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | m |  | m |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | m |  | m |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | m |  | m |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | m |  | m |  |  |  |

**Išbandymai sluoksnio bandytuvu (atvirame gręžinyje ir/arba kolonoje)\***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Išbandymo data | |  |  |  |  |
| NS geologinis indeksas | |  |  |  |  |
| Išbandymo intervalas nuo–iki, m | |  |  |  |  |
| Sluoksnio bandytuvo tipas | |  |  |  |  |
|  | |  |  |  |  |
| **Išbandymo sąlygos** | | | | | |
| Bendras storis, m | |  |  |  |  |
| Efektyvus storis, m | |  |  |  |  |
| Depresija, MPa | |  |  |  |  |
| Pritekėjimo laikas, min. | |  |  |  |  |
| Bendras laikas, min. | |  |  |  |  |
|  | |  |  |  |  |
| **Išbandymo rezultatai** | | | | | |
| Nafta, m3 | |  |  |  |  |
| Vanduo, m3 | |  |  |  |  |
| Sluoksnio slėgis | Psl, MPa |  |  |  |  |
| Gylis, m |  |  |  |  |
| Sluoksnio temperatūra | T, °C |  |  |  |  |
| Gylis, m |  |  |  |  |
| Skvarbumo koeficientas, mkm2.10–3 | |  |  |  |  |
| Hidropralaidumas, mkm2.cm/mPa.s | |  |  |  |  |

\* Gylio matavimai pateikiami nuo žemės paviršiaus.

|  |  |
| --- | --- |
| **Gręžinio identifikavimo Nr.** |  |

**Naftos fizinių-cheminių savybių charakteristikos\***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Sluoksnio bandytuvu | Kolonoje | Atviroje gręžskylėje |
| Mėginio paėmimo data | | |  |  |  |
| NS geologinis indeksas | | |  |  |  |
| Mėginio paėmimo gylis nuo–iki, m | | |  |  |  |
| Sluoksnio slėgis, MPa | | |  |  |  |
| Sluoksnio temperatūra, °C | | |  |  |  |
| Mėginio paėmimo sąlygos | | Paviršinės |  |  |  |
| Giluminės |  |  |  |
| Tankis, g/cm3 | | |  |  |  |
| Sluoksninis naftos tūrio koeficientas | | |  |  |  |
| Dujų faktorius, m3/t | | |  |  |  |
| Dujų išsiskyrimo (burbuliavimo) slėgis, MPa | | |  |  |  |
| Dinaminis klampumas, MPa.s | | |  |  |  |
| Kinematinis klampumas, mkm2/s | | |  |  |  |
| Spūdumo koeficientas, 10–5.1/MPa | | |  |  |  |
| Dujų tirpumo naftoje koeficientas, m3/m3.Pa | | |  |  |  |
| Stingimo temperatūra, °C | | |  |  |  |
| Užvirimo temperatūra, °C | | |  |  |  |
| Šviesiųjų frakcijų sudėtis (tūrio %) prie atitinkamos temperatūros, °C | 100 | |  |  |  |
| 120 | |  |  |  |
| 150 | |  |  |  |
| 180 | |  |  |  |
| 200 | |  |  |  |
| 220 | |  |  |  |
| 250 | |  |  |  |
| 270 | |  |  |  |
| 300 | |  |  |  |
| >300 | |  |  |  |
| Sudėtis, masė % | Asfaltenų | |  |  |  |
| Benzolinių dervų | |  |  |  |
| Spirito benzolinių dervų | |  |  |  |
| Tepalų | |  |  |  |
| Parafino | |  |  |  |
| Sieros | |  |  |  |
| Kitų naudingųjų iškasenų | |  |  |  |
| Mechaninių priemaišų | |  |  |  |
| Vandens | |  |  |  |
| Parafino lydymosi temperatūra, °C | | |  |  |  |

\* Gylio matavimai pateikiami nuo žemės paviršiaus.

|  |  |
| --- | --- |
| **Gręžinio identifikavimo Nr.** |  |

**Dujų fizinių-cheminių savybių charakteristikos \***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Mėginio paėmimo data | |  |  |  |  |
| NS geologinis indeksas | |  |  |  |  |
| Mėginio paėmimo gylis nuo–iki, m | |  |  |  |  |
| Mėginio paėmimo sąlygos | |  |  |  |  |
|  | |  |  |  |  |
| Angliavandenilinių dujų sudėtis, tūrio % | Metanas CH4 |  |  |  |  |
| Etanas C2H6 |  |  |  |  |
| Propilenas C3H6 |  |  |  |  |
| Propanas C3H8 |  |  |  |  |
| Izobutanas C4H10 |  |  |  |  |
| n–butanas nC4H10 |  |  |  |  |
| Butilenas C4H8 |  |  |  |  |
| Izopentanas iC5H12 |  |  |  |  |
| n–pentanas nC5H12 |  |  |  |  |
| Izoheksanas iC6H14 |  |  |  |  |
| n–heksanas nC6H14 |  |  |  |  |
| Kiti aukštieji |  |  |  |  |
| Sunkiųjų angliavandenilių suma | |  |  |  |  |
| Neangliavandenilinių dujų sudėtis, tūrio % | Argonas Ar |  |  |  |  |
| Deguonis O |  |  |  |  |
| Azotas N |  |  |  |  |
| Anglies dioksidas CO2 |  |  |  |  |
| Vandenilis H2 |  |  |  |  |
| Helis He |  |  |  |  |
| Sieros vandenilis H2S |  |  |  |  |
| Dujų faktorius, m3/t | |  |  |  |  |
| Dujų lyginamasis svoris, g/cm3 | |  |  |  |  |

\*Gylio matavimai pateikiami nuo žemės paviršiaus.“

Direktorius Juozas Mockevičius