Patent issued for

INDUSTRY

Future of coal, oil and gas depends how far ahead you look

These days, due in part to the Bipartisan Infras-tructure Law — \$1.5 bil-lion in federal funding made available to states in 2022 to create jobs cleaning up abandoned and orphaned oil and gas wells arrese the country

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ing groundwater quality near storage sites. Rapid detection is essential to mitigate leakage." A loss of containment at an underground stor-age site can cause subsur-face brines or CO2 to migrate into aquifers and soils, potentially contam-inating groundwater a

underground carbon sto age sites. The technology also of other hostile environy control that require environy of other hostile environy control that require environy control technology dataser induced break groups for underground size control technology dataser induced break groups for underground size control technology and that require environy control technology and the United States control technology dataser induced break groups for underground size control technology carbon envisions should neet inportant climat carbon sequestrate is likely interm storage solutions up expression in geogo geogram control technology is tild Downhole Laser System that Collection in geogo geogram control tases output that collected in the field and transported lass cortable lasser solution interm storage is the control technology is tild Downhole Laser System that collection. The teat collection is the storage is the collection in that collection is the storage is the collection in the control technology is the data collection. The storage and the became active Jan. 30.

2020, according to Terry Fletcher, WVDEP's chiral rommunications office: Toler said a grant page in 2023 started the pro-cess at Stonewall Jackson itor and correct possible take, with the goal to mo-timissions. Even if no abandones wells are found, Scott Han-nah, a park ranger at the detailed map of the are will end up with a detailed map of the taw will are we avoid to the sate will be useful. "We will end up with at this the stores to start." The very want to cut MOUNTAINEERS

PEKNEY

The atmosphere. In an effort to find out in fact, methane emissions were present at abandoned wells, Pekney and her col-leagues headed out to praha omputer loaded with cose computer loaded with cose they sound of the sound of the sound what hery could find and an uptick in interest in a uptick in interest in the cose field in the sound what hery could find and cosefficient ways to leak methane, she said "Things grew from there".



so, for instance, they can plug them in order of worst mitters. She's traveled to several states, including Kentucky, trass and Nev York, and behavey and a team from NETL haeded to West Vir-scan for possible well sites at the tower of the tower of the tower of the plug to the tower of the tower of the plug tower of the tower of the plug tower of the tower of the scan for possible well sites at stonewall Jackson Lake. The magnetic survey conducted by the US. The magnetic survey companded to US. The tower of the conducted by the US. The tangent survey contacted by the US. The magnetic survey the tower of the tection's database. The state assistance of the US. Army

2020, according to Terry a road, we will know where Fletcher, WVDEP's chief possible pipelines are

laser technology nPost.com Two NETL researchers Two NETL researchers were awarded a patent for improvements to laser technology that can be used to detect CO2 leaks more efficiently from underground carbon stor-age sites. The technology also holds potential for use as on online source in a range

NETL