INSTITUTIONS AND THE LOCATION OF OIL EXPLORATION

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Abstract
We provide evidence that institutions have a strong influence over where oil and gas exploration takes place. We utilise a global dataset on the location of exploration wells and national borders. This allows for a regression discontinuity design with the identifying assumption that the position of borders was determined independently of geology. In order to break potential simultaneity between borders, institutions and activities in the oil sector, we focus on drilling that occurred after the formation of borders and institutions. Our sample covers 88 countries over the 1966-2010 period. At borders, we estimate more than twice as much drilling on the side with better institutional quality. Sub-sample analyses reveal effects of institutions on exploration drilling in both developing and high income countries, as well as across three types of operating companies. We find that the supermajor international oil companies are particularly sensitive to institutional quality in developing countries. Our findings are consistent with the view that institutions shape both exploration companies' incentives to invest in drilling and host countries’ supply of drilling opportunities. (JEL: F21, O13, O43, Q32)

The editor in charge of this paper was Claudio Michelacci.

Acknowledgments: We thank four anonymous referees, the co-editor, Claudio Michelacci, and Jrgen Juel Andersen, Roland Hodler, Guy Michaels, Magne Mogstad, Klaus Mohn, Linda Nstbakken, Rick van der Ploeg, Simon Quinn, Michael Ross, Shqiponja Telhaj, Ragnar Torvik, Tony Venables as well as seminar participants at NHH Bergen, University of Bergen, EUDN Berlin, RES Manchester, EGIT Munich, Norwegian Economist Meeting Oslo, ESOp-OxCarre workshop Oxford, University of Oxford, NRG Siegen, University of Stavanger, University of Stirling, NOITS Stockholm, and University of Sussex for useful comments. We also thank Wood Mackenzie for academic access to their PathFinder database. Support from the BP funded Centre for the Analysis of Resource Rich Economies (OxCarre) at the University of Oxford and the Equinor chair in economics at the Norwegian School of Economics is also appreciated.

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