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Research Article

Resource-based and property rights perspectives on value creation: the case of oil field unitization

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Abstract

Resource-based theory implicitly assumes that property rights to resources are secure. Extant property rights theory enables us to relax this assumption to take into account processes where there are struggles in establishing property rights that enhance the realized economic value of resources. A case study of oil field unitization (where a single firm is designated as unit operator to develop the oil reservoir as a whole) is analyzed to illustrate the following points: a full resource-based analysis of value creation must incorporate the role of property rights to internalize externalities and to solve prisoners' dilemma problems of common-pool resources. Copyright © 2002 John Wiley & Sons, Ltd.

REFERENCES ~

Acheson JM. 1988. The Lobster Gangs of Maine. University Press of New England: Hanover.

Google Scholar

Adelman MA. 1964. Efficiency of resource use in crude petroleum. Southern Economic Journal 31: 101–116.

Web of Science® Google Scholar

Adelman MA. 1993. The Economics of Petroleum Supply. MIT Press: Cambridge, MA.

Google Scholar

Agnello RJ, Donnelley LP. 1975a. Property rights and efficiency in the US oyster industry. *Journal of Law and Economics* **18**: 521–533.

Web of Science® Google Scholar

Agnello RJ, Donnelley LP. 1975b. Prices and property rights in the fisheries. *Southern Economic Journal* **42**: 253–262.

Web of Science® Google Scholar

Akerlof GA. 1970. The market for 'lemons': quality, uncertainty and the market mechanism. *Quarterly Journal of Economics* **84**: 488–500.

Web of Science® Google Scholar

Alchian AA. 1965. Some economics of property rights. *Il Politico* **30**: 816–829. Reprinted in Economic Forces at Work, Alchian AA (ed). (1977). Liberty Fund: Indianapolis; 127–149.

Google Scholar

Alchian AA. 1969. Corporate management and property rights. In *Economic Policy and Regulation of Corporate Securities*, HG Manne (ed.). American Enterprise Institute for Public Policy Research: Washington, DC; 337–360.

Google Scholar

Alchian AA, Demsetz H. 1972. Production, information costs and economic organization. *American Economic Review* **62**: 777–795.

Web of Science® Google Scholar

Alchian AA, Demsetz H. 1973. The property right paradigm. Journal of Economic History 33: 16–27.

Web of Science® Google Scholar

Allen DW. 1991. Homesteading and property rights; or how the West was really won. *Journal of Law and Economics* 34: 1–23.

Web of Science® Google Scholar

Alston LJ, Eggertsson T, North DC. 1996a. *Empirical Studies in Institutional Change*. Cambridge University Press: New York.

Google Scholar

Alston LJ, Libecap GD, Schneider R. 1996b. The determinants and impact of property rights: land title on the Brazilian frontier. *Journal of Law, Economics and Organization* 12: 25–61.

Alston LJ, Libecap GD, Mueller B. 1999. *Titles, Conflict, and Land Use: The Development of Property Rights and Land Reform on the Brazilian Amazon Frontier*. University of Michigan Press: Ann Arbor, MI.

Google Scholar

Amit, RH, Schoemaker PJH. 1993. Strategic assets and organizational rent. *Strategic Management Journal* **14**: 33–46.

Web of Science® Google Scholar

Anderson LG, Lee DR. 1986. Optimal governing instrument, operation level, and enforcement in natural resource regulation: the case of the fishery. *American Journal of Agricultural Economics* **68**: 678–690.

Web of Science® Google Scholar

Anderson TL, Hill PJ. 1975. The evolution of property rights: a study of the American West. *Journal of Law and Economics* **18**: 163–179.

Web of Science® Google Scholar

Anderson TL, Hill PJ. 1983. Privatizing the commons: an improvement? *Southern Economic Journal* **54**: 438–450.

Web of Science® Google Scholar

Anderson TL, Hill PJ. 1991. The race for property rights. Journal of Law and Economics 33: 177–197.

Web of Science® Google Scholar

Argyres NS, Liebeskind JP. 1998. Privatizing the intellectual commons: Universities and the commercialization of biotechnology. *Journal of Economic Behavior and Organization* **35**: 427–454.

Web of Science® | Google Scholar

Ault DE, Rutman GL. 1979. The development of rights to property in Tribal Africa. *Journal of Law and Economics* **22**: 163–182.

Web of Science® Google Scholar

Bailey MJ. 1992. Approximate optimality of aboriginal property rights. *Journal of Law and Economics* **35**: 183–198.

Web of Science® Google Scholar

Bain JS. 1947. The Economics of the Pacific Coast Petroleum Industry, Part III: Public Policy Toward Competition and Price. University of California Press: Berkeley, CA.

Google Scholar

Barney J. 1986. Strategic factor markets: expectations, luck and business strategy. *Management Science* 42: 1231–1241.

Barney J. 1991. Firm resources and sustained competitive advantage. *Journal of Management* **17**: 99–120.

Web of Science® Google Scholar

Barney JB, Ouchi WG. 1986. Organizational Economics. Jossey-Bass: San Francisco, CA.

Google Scholar

Google Scholar

Barzel Y. 1982. Measurement cost and the organi-zation of markets. *Journal of Law and Economics* 25: 27–48.

Web of Science® Google Scholar

Barzel Y. 1989. Economic Analysis of Property Rights. Cambridge University Press: Cambridge.

Google Scholar

Barzel Y. 1994. The capture of wealth by monopolists and the protection of property rights. *International Review of Law and Economics* **14**: 393–407.

Google Scholar

Batie SS. 1984. Alternative views of property rights: Implications for agricultural use of natural resources. *American Journal of Agricultural Economics* **66**: 814–818.

Web of Science® Google Scholar

Benson BL. 1984. Rent seeking from a property rights perspective. Southern Economic Journal 51: 388–400.

Web of Science® Google Scholar

Bergstrom T, Blume L, Varian H. 1986. On the private provision of public goods. *Journal of Public Economics* **29**: 25–49.

Web of Science® Google Scholar

Berle AA, Means GC. 1932. The Modern Corporation and Private Property. Macmillan: New York.

Besley T. 1995. Property rights and investment incentives: theory and evidence from Ghana. *Journal of Political Economy* **103**: 903–937.

Web of Science® Google Scholar

Bolle F. 1986. On the oligopolistic extraction of non-renewable common-pool resources. *Economica* **53**: 519–527.

Web of Science® Google Scholar

Bowman EH. 1974. Epistemology, corporate strategy, and academe. Sloan Management Review 15: 35–50.

Web of Science® Google Scholar

Bradley R. 1996. Oil, Gas, and Government: The US Experience. Rowman and Littlechild: Lanham.

Google Scholar

Braguinsky S. 1999. Enforcement of property rights during the Russian transition: problems and approaches to a new liberal solution. *Journal of Legal Studies* **28**: 515–532.

Web of Science® Google Scholar

Bromley DW. 1978. Property rules, liability rules, and environmental economics. *Journal of Economic Issues* **12**: 43–60.

Web of Science® Google Scholar

Bromley DW. 1991. *Environment and Economy: property Rights and Public Policy*. Basil Blackwell: Cambridge.

Google Scholar

Bromley DW. 1992. The commons, common property and environmental policy. *Environmental and Resource Economics* **2**: 1–17.

Google Scholar

Buchanan JM, Tollison RD, Tullock G. 1980. *The Calculus of Consent: Toward a Theory of a Rent-Seeking Society*. Texas A&M University Press: College Station.

Google Scholar

Buchanan JM, Yoon YJ. 2000. Symmetric tragedies: commons and anticommons. *Journal of Law and Economics* **43**: 1–13.

Web of Science® Google Scholar

Calabresi G, Douglas MA. 1972. Property rules, liability rules and inalienability: one view of the Cathedral. *Harvard Law Review* **85**: 1089–1128.

Web of Science® Google Scholar

Campbell JM. 1960. Oil Property Evaluation. Prentice-Hall: Englewood Cliffs, NJ.

Google Scholar

Carlton DW, Lowry GC. 1986. The limitations of Pigouvian taxes as a long-term remedy for externalities: an extension of results. *Quarterly Journal of Economics* **101**: 631–634.

Web of Science® Google Scholar

Carroll GR, Spiller PT, Teece DJ. 1999. Transaction cost economics: its influence on organizational theory, strategic management, and political economy. In *Firms, Markets, and Hierarchies: The Transaction Cost Economics Perspective*, GR Carroll, DJ Teece (eds). Oxford University Press: New York; 60–88.

Google Scholar

Castle EN. 1978. Property rights and the political economy of resource scarcity. *American Journal of Agricultural Economics* **60**: 1–9.

Web of Science® Google Scholar

Chang SJ. 1996. An evolutionary perspective on diversification and corporate restructuring: entry, exit, and economic performance during 1981–1989. *Strategic Management Journal* 17: 587–611.

Web of Science® Google Scholar

Chatterjee S. 1990. Excess resources, utilization costs, and mode of entry. *Academy of Management Journal* 33: 780–800.

Web of Science® Google Scholar

Chatterjee S, Wernerfelt B. 1991. The link between resources and type of diversification: theory and practice. *Strategic Management Journal* **12**: 33–48.

Web of Science® Google Scholar

Cheung SNS. 1968. Private property rights and sharecropping. *Journal of Political Economy* **76**: 1107–1122.

Cheung SNS. 1969. The Theory of Share Tenancy. University of Chicago Press: Chicago. **Google Scholar** Cheung SNS. 1970. The structure of contract and the theory of a non-exclusive resource. Journal of Law and Economics 13: 49-70. Web of Science® Google Scholar Cheung SNS. 1983. The contractual nature of the firm. Journal of Law and Economics 26: 1–21. Web of Science® Google Scholar Chhibber P, Majumdar SK. 1999. Foreign ownership and profitability: property rights, control and the performance of firms in Indian industry. Journal of Law and Economics 42: 209-238. Web of Science® Google Scholar Chi T. 1994. Trading in strategic resources: necessary conditions, transaction cost problem, and choice of exchange structure. Strategic Management Journal 15: 271-290. Web of Science® Google Scholar Chopra K., Gulati SC. 1997. Environmental degradation and population movements: the role of property rights. Environmental and Resource Economics 9: 383-408. **Google Scholar** Ciriacy-Wantrup SV. 1952. Resource Conservation: Economics and Policies. University of California Press: Berkeley, CA. **Google Scholar** Ciriacy-Wantrup SV, Bishop RC. 1975. 'Common property' as a concept in natural resources policy. *Natural* Resources Journal 15: 713-728. Web of Science® Google Scholar

Clark CW, Munro GR. 1980. Fisheries and the processing sector: some implications for management policy. Bell

Coase RH. 1937. The nature of the firm. *Economica, N. S.* 4: 386–405.

Web of Science® Google Scholar

Web of Science® Google Scholar

Journal of Economics 11: 603-616.

Coase RH. 1959. The Federal Communications Commission. Journal of Law and Economics 2: 1-40.

Web of Science® Google Scholar

Coase RH. 1960. The problem of social cost. Journal of Law and Economics 3: 1-44.

Web of Science® Google Scholar

Coase RH. 1988. The Firm, the Market, and the Law. University of Chicago Press: Chicago.

Web of Science® Google Scholar

Coase RH. 1991. The nature of the firm: influence. In *The Nature of the Firm: Origins, Evolution, and Development*, OE Williamson, SG Winter (eds). Oxford University Press: New York; 61–74.

Google Scholar

Coase RH. 1998. Comment on Thomas W. Hazlett: assigning property rights to radio spectrum users: why did FCC license auctions take 67 years? *Journal of Law and Economics* **41**: 577–580.

Web of Science® Google Scholar

Colby BG. 1995. Bargaining over agricultural property rights. *American Journal of Agricultural Economics* **77**: 1186–1191.

Web of Science® Google Scholar

Conner KR. 1991. An historical comparison of resource-based theory and five schools of thought within industrial organization economics: do we have a new theory of the firm? *Journal of Management* 17: 121–154.

Web of Science® Google Scholar

Crocker TD. 1971. Externalities, property rights and transaction costs: an empirical study. *Journal of Law and Economics* **14**: 451–464.

Web of Science® Google Scholar

Cummings RG. 1969. Some extensions of the economic theory of natural resources. *Western Economic Journal* **7**: 201–210.

Web of Science® Google Scholar

Dahlman C. 1979. The problem of externality. *Journal of Law and Economics* 22: 141–162.

Dahlman, C. 1980. The Open Field System and Beyond: A Property Rights Analysis of an Economic Institution. Cambridge University Press: Cambridge.

Google Scholar

Dam, KW. 1995. Some economic considerations in the intellectual property protection of software. *Journal of Legal Studies* **24**: 321–378.

Web of Science® Google Scholar

Davis LE, North DC. 1971. *Institutional Change and American Economic Growth*. Cambridge University Press: Cambridge.

Google Scholar

Dayton-Johnson J. 2000. Choosing rules to govern the commons: a model with evidence from Mexico. *Journal of Economic Behavior and Organization* **42**: 19–41.

Web of Science® Google Scholar

De Alessi L. 1980. The economics of property rights: a review of the evidence. *Research in Law and Economics* 2: 1–47.

Google Scholar

De Alessi L. 1983. Property rights, transaction costs, and X-efficiency: an essay in economic theory. *American Economic Review* **73**: 64–81.

Google Scholar

Deacon RT. 1995. Assessing the relationship between government policy and deforestation. *Journal of Environmental Economics and Management* **28**: 1–18.

Web of Science® Google Scholar

Demsetz H. 1964. The exchange and enforcement of property rights. *Journal of Law and Economics* 3: 11–26.

Web of Science® Google Scholar

Demsetz H. 1966. Some aspects of property rights. Journal of Law and Economics 9: 61–70.

Web of Science® Google Scholar

Demsetz H. 1967. Towards a theory of property rights. *American Economic Review* **57**: 347–359.

Demsetz H. 1969. Information and efficiency: another viewpoint. *Journal of Law and Economics* 12: 1–22.

Web of Science® Google Scholar

Demsetz H. 1972. Wealth distribution and the ownership of rights. *Journal of Legal Studies* 1: 223–232.

Google Scholar

Demsetz H. 1973. Industry structure, market rivalry, and public policy. *Journal of Law and Economics* 16: 1–9.

Web of Science® Google Scholar

Demsetz H. 1988. Ownership, Control, and the Firm. Oxford University Press: New York.

Google Scholar

Demsetz H. 1996. The core disagreement between Pigou, the profession, and Coase in the analyses of the externality question. *European Journal of Political Economy* **12**: 565–580.

Google Scholar

Demsetz H. 1998. Review: Oliver Hart's 'Firms, Contracts, and Financial Structure'. *Journal of Political Economy* **106**: 446–452.

Web of Science® Google Scholar

Dierickx I, Cool K. 1989. Asset accumulation and sustainability of competitive advantage. *Management Science* **35**: 1504–1511.

Web of Science® Google Scholar

Dragun AK. 1987. Property rights in economic theory. Journal of Economic Issues 21: 859–868.

Web of Science® Google Scholar

Dragun AK, O'Connor MP. 1993. Property rights, public choice, and Pigouvianism. *Journal of Post Keynesian Economics* **16**: 127–152.

Web of Science® Google Scholar

Eggertsson T. 1990. Economic Behavior and Institutions. Cambridge University Press: New York.

Google Scholar

Eisenhardt KM. 1989. Agency theory: an assessment and review. *Academy of Management Review* **14**: 57–74.

Web of Science® Google Scholar

Eisenhardt KM, Schoonhoven CB. 1996. Resource-based view of strategic alliance formation: Strategic and social effects in entrepreneurial firms. *Organization Science* 7: 136–148.

Web of Science® Google Scholar

Ellickson RC. 1991. *Order Without Law: How Neighbors Settle Disputes*. Harvard University Press: Cambridge, MA.

Google Scholar

Ellickson RC. 1993. Property in land. Yale Law Journal 102: 1315–1344.

Web of Science® Google Scholar

Ely N. 1938. The conservation of oil. Harvard Law Review 51: 1209-1244.

Web of Science® Google Scholar

Eswaran M, Lewis T. 1984. Appropriability and the extraction of a common property resource. *Economica* **51**: 393–400.

Web of Science® Google Scholar

Evenson RE, Putnam JD. 1987. Institutional change in intellectual property rights. *American Journal of Agricultural Economics* **69**: 403–409.

Web of Science® Google Scholar

Farjoun M. 1994. Beyond industry boundaries: human expertise, diversification and resource-related industry groups. *Organization Science* **5**: 185–199.

Web of Science® | Google Scholar

Farjoun M. 1998. The independent and joint effects of the skill and physical bases of relatedness in diversification. *Strategic Management Journal* **19**: 611–630.

Web of Science® Google Scholar

Feder G, Onchran T. 1987. Land ownership security and farm productivity: evidence from Thailand. *Journal of Developmental Studies* **24**: 16–30.

The state of sciences and state of the state

Feeny DS, Hanna S, McEvoy AF. 1996. Questioning the assumption of the 'tragedy of the commons' model of fisheries. *Land Economics* **72**: 181–205.

Web of Science® Google Scholar

Field BC. 1985. The optimal commons. *American Journal of Agricultural Economics* **67**: 364–367.

Web of Science® Google Scholar

Field BC. 1987. The evolution of property rights. Kyklos 42: 319–345.

Web of Science® Google Scholar

Fischel WA. 1985. The Economics of Zoning Laws: A Property Rights Approach to American Land Use Controls. John Hopkins University Press: Baltimore, MD.

Google Scholar

NJ Foss (ed). 1997. Resources, Firms and Strategies: A Reader in the Resource-Based Perspective. Oxford University Press: New York.

Google Scholar

Foss K, Foss N. 1999. Understanding ownership: residual rights of control and appropriable control rights. Working paper, Copenhagen Business School, Copenhagen, Denmark.

Google Scholar

Friedman LM. 1985. A History of American Law. Simon & Schuster: New York.

Google Scholar

Furubotn EG, Pejovich S. 1972. Property rights and economic theory: a survey of recent literature. *Journal of Economic Literature* **10**: 1137–1162.

Web of Science® Google Scholar

Furubotn EG, Pejovich S. 1973. Property rights, economic decentralization and the evolution of the Yugoslav firm, 1965–1972. *Journal of Law and Economics* **16**: 273–302.

Web of Science® Google Scholar

EG Furubotn, S Pejovich (eds). 1974. *The Economics of Property Rights*. Ballinger Publishing Co.: Cambridge, MA.

Google Scholar

Furubotn EG, Richter R. 1997. *Institutions and Economic Theory: The Contribution of the New Institutional Economics*. University of Michigan Press: Ann Arbor, MI.

Google Scholar

Gordon HS. 1954. The economic theory of a common-property resource: the fishery. *Journal of Political Economy* **62**: 124–142.

Web of Science® Google Scholar

Grafton RQ. 1995. Rent capture in a rights-based fishery. *Journal of Environmental Economics and Management* **28**: 48–67.

Web of Science® Google Scholar

Grossman HI, Kim M. 1995. Swords or plowshares? A theory of the security of the claims to property. *Journal of Political Economy* **103**: 1275–1288.

Web of Science® Google Scholar

Grossman S, Hart O. 1986. The costs and benefits of ownership: a theory of vertical integration and lateral integration. *Journal of Political Economy* **94**: 691–719.

Web of Science® Google Scholar

Hahn RW. 1984. Market power and transferable property rights. *Quarterly Journal of Economics* **99**: 753–765.

Web of Science® Google Scholar

Hardin G. 1968. The tragedy of the commons. *Science* **162**: 1243–1248.

CAS PubMed Web of Science® Google Scholar

Hardwicke RE. 1935. The rule of capture and its implications as applied to oil and gas. *Texas Law Review* **13**: 391–422.

Web of Science® Google Scholar

Hardwicke RE. 1961. *Antitrust Laws: Unit Operation of Oil or Gas Pools* (revised edition), Society of Petroleum Engineers of the American Institute of Mining and Metallurgical Engineers: Dallas.

Google Scholar

Hart JF. 1998. Property rights, costs and welfare: Delaware water mill legislation, 1719–1859. *Journal of Legal Studies* **24**: 455–472.

Web of Science® Google Scholar

Hart O. 1988. Incomplete contracts and the theory of the firm. *Journal of Law, Economics and Organization* **4**: 119–139.

Google Scholar

Hart O. 1995. Firms, Contracts, and Financial Structure. Clarendon Press: Oxford.

Google Scholar

Hart O, Moore J. 1990. Property rights and the nature of the firm. Journal of Political Economy 98: 1119–1158.

Web of Science® Google Scholar

Hazlett TW. 1990. The rationality of US regulation of the broadcast spectrum. *Journal of Law and Economics* **33**: 133–175.

Web of Science® Google Scholar

Hazlett TW. 1998. Assigning property rights to radio spectrum users: why did FCC license auctions take 67 years? *Journal of Law and Economics* **41**: 529–575.

Web of Science® Google Scholar

Helfat CE. 1994. Firm-specificity in corporate applied R&D. Organization Science 5: 173–184.

Web of Science® Google Scholar

Helfat CE. 1997. Know-how and asset complement-arity and dynamic capability accumulation: the case of R&D. *Strategic Management Journal* **18**: 339–360.

Web of Science® Google Scholar

Heller MA. 1998. The tragedy of the anticommons: Property in the transition from Marx to markets. *Harvard Law Review* **111**: 621–688.

Web of Science® Google Scholar

Heller MA. 1999. The boundaries of private property. Yale Law Review 108: 1163–1223.

Heller MA, Eisenberg RS. 1998. Can patents deter innovation? The anticommons in biomedical research. *Science* **280**: 698–701.

CAS PubMed Web of Science® Google Scholar

Heltberg R. 2001. Determinants and impact of local institutions for common resource management. *Environment and Development Economics* **6**: 183–208.

Web of Science® Google Scholar

Henderson R. 1994. The evolution of integrative capability: innovation in cardiovascular drug discovery. *Industrial and Corporate Change* **3**: 607–630.

Google Scholar

Henderson R, Cockburn I. 1994. Measuring competence? Exploring firm effects in pharmaceutical research. *Strategic Management Journal* **15**: 63–84.

Web of Science® Google Scholar

Hennart J. 1993. Explaining the 'swollen middle': why most transactions are a mix of market and hierarchy. *Organization Science* **4**: 529–547.

Web of Science® Google Scholar

Homans FR, Wilen JE. 1997. A model of regulated open access resource use. *Journal of Environmental Economics and Management* 32: 1–21.

Web of Science® Google Scholar

Hurst JW. 1960. *Law and Social Process in the United States History*, University of Michigan Law School: Ann Arbor, MI.

Google Scholar

Innes R. 1997. Takings, compensation and equal treatment for owners of developed and underdeveloped property. *Journal of Law and Economics* **40**: 403–432.

Web of Science® Google Scholar

Ise J. 1926. The United States Oil Policy. Yale University Press: New Haven, CT.

Google Scholar

Ito M, Saijo T, Une M. 1995. The tragedy of the commons revisited identifying behavioral principles. *Journal of Economic Behavior and Organization* **28**: 311–325.

Web of Science® Google Scholar

Johnsen DB. 1986. The formation and protection of property rights among the Southern Kwakiutl Indians. *Journal of Legal Studies* **15**: 41–67.

Web of Science® Google Scholar

Johnsen DB. 1991. Property rights to cartel rents: the *Socony–Vacuum* story. *Journal of Law and Economics* **34**: 177–202.

Web of Science® Google Scholar

Johnson RN, Libecap GD. 1982. Contracting problems and regulation: the case of the fishery. *American Economic Review* **72**: 1005–1022.

Web of Science® Google Scholar

Jones GR. 1983. Transaction costs, property rights, and organizational culture: an exchange perspective. *Administrative Science Quarterly* **28**: 454–467.

Web of Science® Google Scholar

Khalatbari F. 1977. Market imperfections and the optimum rate of depletion of natural resources. *Economica* **44**: 409–414.

Web of Science® Google Scholar

Kor YY, Mahoney JT. 2000. Penrose's resource-based approach: the process and product of research creativity. *Journal of Management Studies* **37**: 109–139.

Web of Science® Google Scholar

Kramer BM. 1986. Compulsory pooling and unitization: state options in dealing with uncooperative owners. *Journal of Energy Law and Policy* **7**: 255–290.

Google Scholar

Lele S. 1993. Private property rights and forest preservation in Karnataka Western Ghats, India. *American Journal of Agricultural Economics* **75**: 493–498.

Web of Science® Google Scholar

Libecap GD. 1978. The Evolution of Private Mineral Rights. Arno Press: New York, NY.

Google Scholar

Libecap GD. 1981. Locking Up the Range; Federal Land Control and Grazing. Ballinger: Cambridge. **Google Scholar** Libecap GD. 1986. Property rights in economic history: implications for research. Explorations in Economic History 23: 227-252. Web of Science® Google Scholar Libecap GD. 1989. Contracting for Property Rights. Cambridge University Press: New York. **Google Scholar** Libecap GD. 1998. Unitization. In New Palgrave Dictionary of Law and Economics, P Newman (ed). Oxford University Press: New York; 641-644. **Google Scholar** Libecap GD, Smith JL. 1999. The self-enforcing provisions of oil and gas unit operating agreements: theory and evidence. Journal of Law, Economics and Organization 15: 526-548. Web of Science® Google Scholar Libecap GD, Smith JL. 2001a. Regulatory remedies to the common pool: the limits to oil field unitization. Energy Journal 22: 1-26. Web of Science® Google Scholar Libecap GD, Smith JL. 2001b. The economic evaluation of petroleum property rights in the United States: a test of the Demsetz' hypothesis. Working paper, University of Arizona. **Google Scholar** Libecap GD, Wiggins SN. 1984. Contractual responses to the common pool: prorationing of crude oil production. American Economic Review 74: 87-98. Web of Science® Google Scholar Libecap GD, Wiggins SN. 1985. The influence of private contractual failure on regulation: the case of oil field unitization. Journal of Political Economy 93: 690-714.

ichtman D. 2000. Property rights in emerging platform technologies. *Journal of Legal Studies* **29**: 615–648.

Web of Science® Google Scholar

Liebeskind JP. 1996. Knowledge, strategy, and the theory of the firm. *Strategic Management Journal* **17**: 93–107.

Web of Science® Google Scholar

Lindblom CE. 1977. Politics and Markets: The World's Political-Economic Systems. Basic Books: New York.

Google Scholar

Lippman SA, Rumelt RP. 1982. Uncertain imitability: an analysis of interfirm differences in efficiency under competition. *Bell Journal of Economics* **13**: 418–438.

Web of Science® Google Scholar

Logan LM. 1930. *The Stabilization of the Petroleum Industry*. Oklahoma Geological Survey Bulletin, No. 54, University of Oklahoma Press: Norman, OK.

Google Scholar

Lueck D. 1994. Common property as an egalitarian share contract. *Journal of Economic Behavior and Organization* **25**: 93–108.

Web of Science® Google Scholar

Lueck D. 1995. The rule of first possession and the design of the law. *Journal of Law and Economics* **38**: 393–436.

Web of Science® Google Scholar

Mahoney JT. 1992a. Organizational economics within the conversation of strategic management. In *Advances in Strategic Management*, Vol. 8, P Shrivastava, A Huff, J Dutton. (eds). JAI Press: Greenwich, CT; 103–155.

Google Scholar

Mahoney JT. 1992b. The choice of organizational form: vertical financial ownership versus other methods of vertical integration. *Strategic Management Journal* **13**: 559–584.

Web of Science® Google Scholar

Mahoney JT. 1995. The management of resources and the resource of management. *Journal of Business Research* 33: 99–101.

Web of Science® Google Scholar

Mahoney JT, Pandian R. 1992. The resource-based view within the conversation of strategic management. *Strategic Management Journal* **13**: 363–380.

Web of Science® Google Scholar

Majumdar SK. 1998. On the utilization of resources: perspectives on the US telecommunications industry. *Strategic Management Journal* **19**: 809–831.

Web of Science® Google Scholar

Malik A, Schwab RM. 1991. Optimal investments to established property rights in land. *Journal of Urban Economics* **29**: 295–309.

Web of Science® Google Scholar

Markides CC. 1995. Diversification, restructuring and economic performance. *Strategic Management Journal* **16**: 101–118.

Web of Science® Google Scholar

McCay BJ, Acheson JM. 1987. *The Question of the Commons: The Culture and Ecology of Communal Resource*. University of Arizona Press: Tucson, AZ.

Google Scholar

McChesney FS. 1990. Government as definer of property rights: Indian land ownership, ethnic externalities, and bureaucratic budgets. *Journal of Legal Studies* 19: 297–335.

Web of Science® Google Scholar

McCormick RE, Meiners RE. 1988. University governance: a property rights perspective. *Journal of Law and Economics* **31**: 423–442.

Web of Science® Google Scholar

McDonald SL. 1971. *Petroleum Conservation in the United States: An Economic Analysis*. Resources for the Future: Baltimore, MD.

Google Scholar

McDonald SL. 1979. *The Leasing of Federal Lands for Fossil Fuels Production*. Johns Hopkins University Press: Baltimore, MD.

Google Scholar

McKean RN. 1970. Products liability: implications of some changing property rights. *Quarterly Journal of Economics* **84**: 611–626.

McKean RN. 1972. Property rights within government, and devices to increase governmental efficiency. *Southern Economic Journal* **39**: 177–186.

Web of Science® Google Scholar

Mendelsohn R. 1994. Property rights and tropical deforestation. Oxford Economic Papers 46: 750–757.

Web of Science® Google Scholar

Meyers RM. 1957. *The Law of Pooling and Unitization: Voluntary, Compulsory* (2nd edn), Banks and Company: Albany, NY.

Google Scholar

Milgrom P, Roberts J. 1992. Economics, Organization and Management. Prentice-Hall: Englewood Cliffs, NJ.

Google Scholar

Miller D, Shamsie J. 1996. The resource-based view of the firm in two environments: the Hollywood film studios from 1936 to 1965. *Academy of Management Journal* **39**: 519–543.

Web of Science® Google Scholar

Miller GJ. 1992. *Managerial Dilemmas: The Political Economy of Hierarchy*. Cambridge University Press: Cambridge.

Google Scholar

Montgomery CA, Hariharan S. 1991. Diversified entry by established firms. *Journal of Economic Behavior and Organization* **15**: 71–89.

Web of Science® Google Scholar

Montgomery CA, Wernerfelt B. 1988. Diversification, Ricardian rents, and Tobin's *q. Rand Journal of Economics* **19**: 623–632.

Web of Science® Google Scholar

Mosakowski E. 1993. A resource-based perspective on the dynamic strategy–performance relationship: an empirical examination of the focus and differentiation strategies in entrepreneurial firms. *Journal of Management* **19**: 819–839.

Web of Science® Google Scholar

Mueller B. 1977. Property rights and the evolution of the frontier. *Land Economics* 73: 42–57.

Web of Science® Google Scholar

Murray PC, Cross FB. 1992. The case for a Texas compulsory unitization statute. *St. Mary's Law Journal* **23**: 1099–1154.

Google Scholar

Nehring RM. 1981. *The Discovery of Significant Oil and Gas Fields in the United States*. The Rand Corporation: Santa Monica.

Google Scholar

Nelson RR, Winter SG. 1982. *An Evolutionary Theory of Economic Change*. Harvard University Press: Cambridge, MA.

Web of Science® Google Scholar

North DC. 1981. Structure and Change in Economic History. WW Norton: New York.

Google Scholar

North DC. 1990. *Institutions, Institutional Change and Economic Performance*. Cambridge University Press: New York.

Google Scholar

North DC, Thomas RP 1973. *The Rise of the Western World: A New Economic History*. Cambridge University Press: Cambridge.

Web of Science® Google Scholar

Nugent JB, Sanchez N. 1998. Common property rights as an endogenous response to risk. *American Journal of Agricultural Economics* **80**: 651–657.

Web of Science® Google Scholar

Office of Technology Assessment 1978. *Enhanced Oil Recovery Potential in the United States*. Office of Technology Assessment: Washington DC.

Google Scholar

O'Hara M. 1981. Property rights and the financial firm. Journal of Law and Economics 24: 317–332.

Olson M. 1965. The Logic of Collective Action: Public Goods and the Theory of Groups, Harvard University Press: Cambridge, MA. **Google Scholar** Oltrop AM. 2000. Trade policy, property rights and tropical deforestation. Kyklos 53: 17–38. **Google Scholar** Ostrom E. 1990. Governing the Commons: The Evolution of Institutions for Collective Action. Cambridge University Press: New York. **Google Scholar** Ostrom E. 2000. Private and common property rights. In Encylopedia of Law and Economics, Vol. II: The History and Methodology of Law and Economics, Brouckaert Boudewijn and De Geest Gerrit (eds). Edward Elgar: Cheltenham; 332-379. **Google Scholar** Ostrom E, Gardner R, Walker J. 1994. Rules, Games and Common-Pool Resources. University of Michigan Press: Ann Arbor, MI. **Google Scholar** Oxley JE. 1999. Institutional environment and the mechanism of governance: the impact of intellectual property protection on the structure of inter-firm alliances. Journal of Economic Behavior and Organization 38: 283-309. Web of Science® Google Scholar Paul EF, Miller FD, Paul J. 1994. *Property Rights*, Cambridge University Press: Cambridge. **Google Scholar** Pearse PH. 1992. Fishing Rights and Fishing Policy: The Development of Property Rights as Instruments of Fisheries Management. World Fisheries Congress: Athens. **Google Scholar** Pejovich S. 1982. Karl Marx, property rights school and the process of social change. *Kyklos* **35**: 383–407. Web of Science® Google Scholar Pejovich S. 1984. Fundamentals of Economics: A Property Rights Approach. Fisher Institute: Dallas.

Pejovich S. 1995. Economic Analysis of Institutions and Systems. Kluwer Academic: Boston. **Google Scholar** Penrose ET. 1959. The Theory of the Growth of the Firm. John Wiley: New York. **Google Scholar** Peteraf M. 1993. The cornerstones of competitive advantage: a resource-based view. *Strategic Management* Journal 14: 179-191. Web of Science® Google Scholar Pigou AC. 1932. The Economics of Welfare (4th edn). Macmillan & Co.: London. **Google Scholar** Pogue JE. 1921. The Economics of Petroleum. John Wiley & Sons: New York. **Google Scholar** Polinsky AM. 1980. On the choice between property rules and liability rules. *Economic Inquiry* 18: 233–246. Web of Science® Google Scholar Quiggin J. 1988. Scattered landholdings in common property systems. Journal of Economic Behavior and Organization 9: 187-201. Web of Science® Google Scholar Railroad Commission of Texas. 2001. Texas Monthly Oil and Gas Production (1995–2000). http://www.rrc.stat e.tx.us/divisions/og/information-data/stats/ogismcon.html [10 November 2001] **Google Scholar** Reynolds RL. 1985. Institutionally determined property claims. *Journal of Economic Issues* 19: 941–949. Web of Science® Google Scholar Richardson GB. 1972. The organisation of industry. *Economic Journal* 82: 883–896. Web of Science® Google Scholar

Robins JA, Wiersema MF. 1995. A resource-based approach to the multibusiness firm: empirical analysis of portfolio interrelationships and corporate financial performance. *Strategic Management Journal* **16**: 277–299.

Web of Science® | Google Scholar |

Robinson GO. 1998. Spectrum property law 101. Journal of Law and Economics 41: 609–625.

Web of Science® Google Scholar

Rose C. 1986. The comedy of the commons: custom, commerce, and inherently public property. *University of Chicago Law Review* **53**: 711–787.

Web of Science® Google Scholar

Rose C. 1994. *Property and Persuasion: Essays on the History, Theory, and Rhetoric of Ownership.* Westview Press: Boulder, Co.

Google Scholar

Rostow EV. 1948. A National Policy for the Oil Industry. Eliot's Books: Northford.

Google Scholar

Rumelt, RP. 1984. Toward a strategic theory of the firm. In *Competitive Strategic Management*. R Lamb (ed). Prentice-Hall: Englewood Cliffs, NJ; 556–570.

Google Scholar

Rumelt RP. 1987. Theory, strategy, and entrepreneurship. In *The Competitive Challenge*, D Teece (ed). Ballinger: Cambridge; 137–158.

Google Scholar

Rumelt RP, Schendel DE, Teece DJ. 1994. *Fundamental Issues in Strategy: A Research Agenda*. Harvard Business School Press: Boston.

Web of Science® Google Scholar

Runge CF. 1981. Common property externalities: isolation, assurance and resource depletion in a traditional grazing context. *American Journal of Agricultural Economics* **63**: 595–606.

Web of Science® Google Scholar

Schap D. 1988. Property rights and decision-making in the Soviet Union: interpreting Soviet environmental history. *Economic Inquiry* **26**: 389–401.

Schlager E, Blomquist W, Tang SY. 1994. Mobile flows, storage and self-organized institutions for governing common-pool resources. *Land Economics* **70**: 294–317.

Web of Science® Google Scholar

Schlager E, Ostrom E. 1992. Property-rights regimes and natural resources: a conceptual analysis. *Land Economics* **68**: 249–262.

Web of Science® Google Scholar

Scott A. 1955. The fishery: the objectives of sole ownership. Journal of Political Economy 63: 116–124.

Web of Science® Google Scholar

Seabright P. 1993. Managing local commons: theoretical issues in incentive design. *Journal of Economic Perspectives* **7**: 113–134.

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Sedjo RA. 1992. Property rights, genetic resources, and biotechnological change. *Journal of Law and Economics* **35**: 199–213.

Web of Science® Google Scholar

Sethi R, Somanathan E. 1996. The evolution of social norms in common property resource use. *American Economic Review* **86**: 767–788.

Google Scholar

Sharma A, Kesner IF. 1996. Diversifying entry: some ex ante explanations for post entry survival and growth. *Academy of Management Journal* **39**: 635–677.

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Shelanski HA, Huber PW. 1998. Administrative creation of property rights to radio spectrum. *Journal of Law and Economics* **41**: 581–607.

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Simpson AWB. 1996. Coase vs. Pigou reexamined. Journal of Legal Studies 25: 53-101.

Smith HE. 2000. Semicommon property rights and scattering in the open fields. Journal of Legal Studies 29: 131-169. Web of Science® Google Scholar Smith JL. 1987. The common pool, bargaining, and the rule of capture. *Economic Inquiry* 25: 631–644. Web of Science® Google Scholar Stevenson GG. 1991. Common Property Economics: A General Theory and Land Use Application. Cambridge University Press: Cambridge. **Google Scholar** Stocking GW. 1925. The Oil Industry and the Competitive System. Houghton-Mifflin Company: Boston. **Google Scholar** Sugden R. 1986. The Economics of Rights. Oxford University Press: Oxford. **Google Scholar** Swaney JA. 1990. Common property, reciprocity, and community. Journal of Economic Issues 24: 451–462. Web of Science® Google Scholar Takeyama LN. 1997. The intertemporal consequences of unauthorized reproduction of intellectual property. Journal of Law and Economics 40: 511-522. Web of Science® Google Scholar Teece DJ. 1982. Towards an economic theory of the multi-product firm. Journal of Economic Behavior and Organization 3: 39-63. Web of Science® Google Scholar Teece DJ. 1986. Profiting from technological innovation: implications for integration, collaboration, licensing and public policy. Research Policy 15: 285-305. Web of Science® Google Scholar Tiratsoo EN. 1976. Oilfields of the World (2nd edn). Scientific Press, Ltd.: Beaconsfield. **Google Scholar**

Torstensson J. 1994. Property rights and economic growth: an empirical study. Kyklos 47: 231–247. Web of Science® Google Scholar Turvey R. 1963. On the divergence between social cost and private cost. *Economica* 30: 309–313. Web of Science® Google Scholar Umbeck JR. 1978. A theory of contractual choice and the California gold rush. Journal of Law and Economics **21**: 421-437. **Google Scholar** Umbeck JR. 1981. A Theory of Property Rights with Applications to the California Gold Rush. Iowa State University Press: Ames. Web of Science® | Google Scholar US Department of Energy. 2000. US Crude Oil, Natural Gas, and Natural Gas Liquids Reserves: 1999 Annual Report. Energy Information Administration, Office of Oil and Gas, US Department of Energy: Washington, DC. **Google Scholar** Varian HR. 1996. Intermediate Microeconomics: A Modern Approach (4th edn), WW Norton: New York. **Google Scholar** Wade R. 1987. The management of common property resources: collective action as an alternative to privatization or state regulation. Cambridge Journal of Economics 11: 95–106. Web of Science® Google Scholar Weaver JL. 1986. Unitization of Oil and Gas Fields in Texas: a Study of Legislative, Administrative, and Judicial Policies. Resources for the Future, Inc.: Washington, DC. **Google Scholar** Wernerfelt B. 1984. A resource-based view of the firm. Strategic Management Journal 5: 171–180. Web of Science® Google Scholar

Wernerfelt B, Montgomery CA. 1988. Tobin's q and the importance of focus in firm performance. *American Economic Review* **78**: 246–250.

Wiggins SN, Libecap GD. 1985. Oil field unitization: contractual failure in the presence of imperfect information. American Economic Review 75: 368-385. Web of Science® Google Scholar Williams HR. 1952. Conservation of oil and gas. Harvard Law Review 65: 1115–1184. Web of Science® Google Scholar Williams HR, Meyers CJ. 1980. Oil and Gas Law, Vol. 2. Mathew Bender: New York. **Google Scholar** Williamson OE. 1975. Markets and Hierarchies: Analysis and Antitrust Implications. The Free Press: New York. **Google Scholar** Williamson OE. 1985. The Economic Institutions of Capitalism: Firms, Markets, Relational Contracting. The Free Press: New York. **Google Scholar** Williamson OE. 1996. The Mechanisms of Governance. Oxford University Press: New York. **Google Scholar** Wilson JA. 1982. The economic management of multispecies fisheries. *Land Economics* **58**: 417–434. Web of Science® Google Scholar Yao DA. 1988. Beyond the reach of the invisible hand: Impediments to economic activity, market failures, and profitability. Strategic Management Journal 9: 59-70. Web of Science® Google Scholar

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