

DOCUMENTED PETROLEUM DISCOVERIES NEAR BENZENE ANOMALIES

TEST WELL	FORMATION	DISTANCE TO PRODUCTION, MILES	ESTIMATED DISTANCE TO NEW POOL, MILES	DISTANCE TO DISCOVERY, MILES
West Texas	Holt	13	3-5	3
W.N. Waddel 542C	Cleafork	> 25	4-6	5.5
McElroy J.1	Pennsylvanian	> 25	2-4	1
McElroy Ranch G-2	Wolfcamp	15	4-6	5
U.S. Smelting 1	Wolfcamp	20	2-4	1
W.N. Waddell 589	Silurian	17	2-4	4
W.N. Waddell 522	Devonian	5	2-3	0.75
McPowell B.1	Ellenburger	11	1-2	1
M.B.Simpson A1	Ellenburger	22	6-8	6
O.N. Beer 1				
Oklahoma				
Osborne Dotter 1	Morrow	16	2-3	1.5
Am.Climax 1 Bill	Tyler	8	2-3	4
Rusch B1	Mission Canyon		1-2	0.5
New Mexico				
O.L.Cryer 1	San Andres	7	1-2	4
Skelly Blue Quail 1	San Andres	17	1	4
1-Navajo-107	Paradox B		2-3	0.5
Seven Rivers Unit 1	Pennsylvanian	> 25	5-6	8
Mississippi				
Gwinville Unit 1, Well 1	Sligo	18	1	1.5
Gulf of Mexico				
Gulf 1 Block 772	Frio		1 (condensate)	*2 (condensate)
Alberta				
Gulf Kerbes 6-23	Nisku	6	1	1
Gulf Snipe Lake 4-22	Beaverhill Lake	20	1-2	4
Gulf Little Bow 6-18	Glauconite	6	1-3	*4
Gulf Ardley 8-19	Nisku	15	1	3
Gulf Ardley 8-19	Leduc	15	2-3	3
Gulf Strachan 12-31A	Leduc	40	1 (condensate)	0.5 (condensate)

* Anomaly partially confirmed.

Source: From Jones, 1984

Burtell and Jones, Benzene content of subsurface brines can indicate proximity of oil, gas.
Oil & Gas Journal, June 3, 1996 - pp. 59-63