

OIL AND NATURAL GAS OCCURRENCE IN ARIZONA

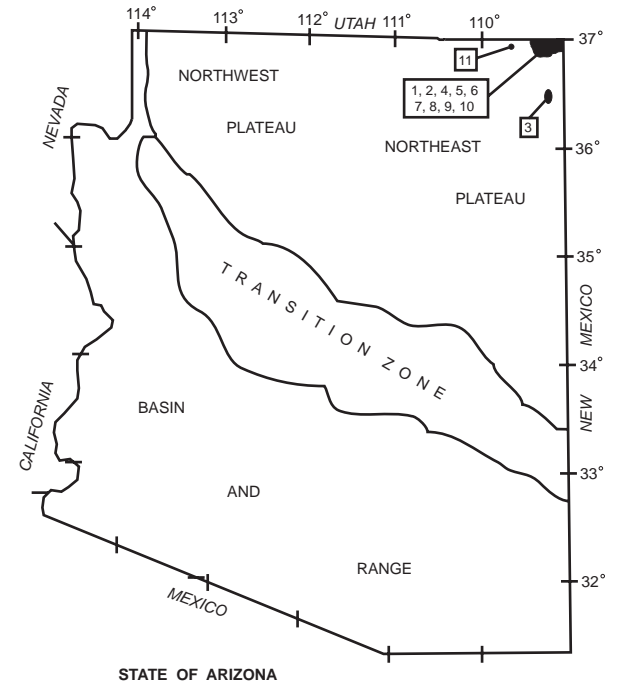
LEGEND

CHART

- *** Show of oil or gas
- T** Geologic age of surface rock
- Production symbols
- ☀ Oil
- ☀☀ Oil and gas
- ☀☀☀ Helium (SI = Shut-in)
- ☀☀☀☀ Oil, gas, or helium reservoir depleted
- T** Deepest stratigraphic penetration and depth (No vertical scale indicated)
- ▨ Missing section, regionally
- ▨ Missing section, locally (Schematic)

MAP

- Areas containing oil and gas pools



SHOWS OF OIL AND NATURAL GAS					PENETRATION CHART OF OIL AND NATURAL GAS POOLS -- NORTHEAST PLATEAU												
ERA	PERIOD	WEST AND SOUTHWEST BASIN AND RANGE	SOUTHEAST BASIN AND RANGE	STRATIGRAPHIC UNIT		1	2	3	4	5	6	7	8	9	10	11	
				NORTHWEST PLATEAU	NORTHEAST PLATEAU	BITA PEAK	BLACK ROCK	DINEH-BI-KEYAH	DRY MESA	EAST BOUNDARY BUTTE	NORTH TOH-ATIN	TEEC NOS POS	TWIN FALLS CREEK	TOHACHE WASH (HELIUM)	UNNAMED	WALKER CREEK	
						19 41 N 31 E	7 - 21 40 N 29 E	35 - 36 N 29 - 30 E	1 - 12 40 N 28 E	41 N 28 E	22 41 N 28 E	23 - 26 41 N 30 E	16 41 N 30 E	36 41 N 30 E	4, 6 40 - 41 N 28 - 29 E	16 41 N 25 E	
CENOZOIC	Quaternary	* ?	*														
	Tertiary																
MESOZOIC	Cretaceous	?	*		* Dakota												
	Jurassic																
	Triassic				* Shinarump * Moenkopi												
PALEOZOIC	Permian				* Toroweap												
					* Coconino	* Supai											
					* Queantoweap												
	Pennsylvanian		*		* Callville	* Hermosa (Paradox)	☀ 5648'	☀	●	☀	☀☀ SI	☀ 5902'	●	☀	☀☀		
	Mississippian		*		* Redwall	* Redwall		☀☀	●	☀☀	☀☀ SI			☀☀☀			
	Devonian					* Ouray											
						* Elbert											
						* McCracken								☀☀☀			●
					* Aneth												
				* Martin				☀☀☀					●		●		
Silurian																	
Ordovician																	
Cambrian					* Tapeats												
PRECAMBRIAN																	

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Year of discovery	1956	1961 / 71	1967	1959	1954	1956	1963	1957	1960	1962	1963
Number of producing or shut-in wells		3	29	3	3						
Number of abandoned wells	1	8	6	3	9	1	8	1	1	3	1
Cumulative production to: 12-31-07											
Oil / Condensate, barrels	12,528	61,077	18,491,220	847,626	888,479	289	486,341	622	764	7,463	98,431
Natural gas, million cubic feet	2,376.9	8,816.7	5,810.9	2,223.3	9,842.5	915.3	1,427.9	202.0	385.8	24,735	0

*From J.N. Conley, 1974