

DRILL HOLES IN SOUTHEASTERN ARIZONA
MAY 1974

| OAGCC IDENTIFICATION NUMBER | LOCATION | NAME | AGE OR LITHOLOGY OF PRE-CENOZOIC ROCK BELOW VALLEY-FILL | | AGE OR LITHOLOGY OF ROCK AT BOTTOM OF HOLE | | OIL/GAS SHOWS ¹ | | |
|-----------------------------|------------|---|---|--------------|--|--------------|----------------------------|----------|-----------|
| | | | ERA-PERIOD AND/OR LITHOLOGY | DEPTH (FEET) | ERA-PERIOD AND/OR LITHOLOGY | DEPTH (FEET) | ROCK AGE | | |
| | | | | | | | CENOZOIC | MESOZOIC | PALEOZOIC |
| COCHISE COUNTY | | | | | | | | | |
| 2-1 | 13S-22E-29 | Duncan 1 Clayton | | | Cenozoic | 1000 | | | |
| 2-2 | 13S-22E-29 | Duncan 2 Clayton | | | Cenozoic "Granite Wash" | 1180 | | | |
| 23a | 13S-22E-33 | Duncan 1 State | | | Cenozoic | 1435 | | | |
| 23b | 13S-22E-33 | Duncan 1-X(2) State | (Top of igneous rock) | 3600 | | | | | |
| 73 | 13S-22E-33 | Duncan 3 State | | | Igneous | 5310 | | | |
| 2-3 | 13S-24E-23 | Waddell-Duncan 1 McComb | Cretaceous? | 5800? | Cretaceous? | 2185 | R | | |
| 2-4 | 13S-28E-16 | Bowie Oil 1 | Cretaceous? | 3800? | Cretaceous? | 6865 | S | | |
| 2-5 | 13S-30E-27 | Funk Benevolent 1 San Simon | Cretaceous? | 6184? | Cretaceous | 4110 | R | R | |
| 2-6 | 13S-31E-31 | Fitzwater 1 Thayer | | | Cretaceous | 6668 | R | R | |
| | | | | | Tertiary or Cretaceous volcanics | 4440 | | | |
| 82 | 14S-21E-22 | Bomak Oil 1 State | | | Mississippian | 440 | | | |
| 2-8 | 14S-24E-30 | Francis Bros 1 Proctor | | | Tertiary volcanics | 4605 | | | |
| 2-9 | 14S-25E-4 | Waddell-Duncan 1 Lawson | | | Cenozoic volcanics | 2702 | | | |
| 2-10 | 14S-25E-6 | Geronimo Oil 1 Brunning | | | Cenozoic | 770 | R | | |
| 2-11 | 14S-25E-6 | Geronimo Oil 1 Holliday | | | Cenozoic | 428 | R | | |
| 2-12 | 14S-25E-9 | Willcox O&G 1 Arizona-Sulphur Springs | | | Cenozoic | 2360 | R | | |
| 2-13 | 14S-30E-34 | Ryan et al 1 Ryan | | | Cenozoic | 990 | R | | |
| 21 | 14S-30E-36 | Arizona O&G 1 State | | | Cenozoic | 7580 | | | |
| 2-14 | 14S-31E-16 | San Simon 1 State | | | Cenozoic | 2000 | R | | |
| 103 | 15S-23E-1 | Hatchett 1 State | | | Cenozoic | 670 | | | |
| 2-15 | 15S-26E-19 | Benedum-Trees 1 Arzberger | | | Cenozoic | 3298 | | | |
| 15 | 16S-20E-34 | Pomerene Water Well | | | Cenozoic | 1000 | | | |
| 2-17 | 16S-24E-36 | McCall 1 State | Cretaceous? | 1350? | Cretaceous? | 1510 | | | |
| 2-18 | 16S-31E-9 | Portal Drlg 9 State-C | | | Cenozoic | 5353 | | | |
| 48 | 16S-31E-10 | Thomson 1 State | | | Tertiary volcanics | 5434 | | | |
| 2-19 | 17S-19E-17 | Century Petr 1 Colglazier | Cretaceous? | 120? | Cretaceous? | 1560 | | R | |
| 104 | 18S-24E-24 | Donnelly 1 State | | | | 523 | | | |
| 111 | 18S-24E-24 | Donnelly 1-A State | Cretaceous? | 110 | Cretaceous? | 1193 | | | |
| 222 | 21S-23E-17 | Moncrief 1 State | Permo-Penn | 0 | Permo-Penn | 2446 | | | |
| 93 | 21S-23E-19 | Fraser Oil 1 State | Permo-Penn | 0 | Permo-Penn | 1899 | | | S |
| 212 | 21S-24E-5 | Moncrief 1 Davis-Clark | Cretaceous | <300 | Cambrian | 3525 | | | S |
| 34 | 21S-24E-5 | Southwest Oil (Basin Petr. 456) 1 Davis-Clark | Cretaceous | > 0 | Devonian | 3570 | | | S |
| 12 | 21S-25E-25 | Allen (Moncrief 224) 1 Davis | | | Tertiary volcanics and sediments | 5450 | ? | | |
| 2-24 | 22S-27E-5 | Waddell-Duncan 1 Murray | Cretaceous? | 540? | Precambrian granite | 4400 | | | |
| 2-20 | 22S-27E-24 | Douglas Petr 1 Evans | | | Cenozoic | 702 | | | |
| 2-21 | 23S-27E-27 | Owens & Goldman 1 Bruno | | | Cenozoic | 680 | | | |
| 30 | 23S-27E-34 | Cochise Oil 1 Goldman | | | Cenozoic | 1000 | | | |
| 2-22 | 23S-27E-34 | Owens 1 Fourr | | | Cenozoic | 475 | | | |
| 2-23 | 24S-23E-4 | Ari-Tex 1 Goins | | | Permian | 1005 | | | |
| 564 | 24S-31E-2 | Guadalupe Explor 1 State | Permian | 0 | Cambrian | 5679 | | | |
| 52 | 24S-31E-2 | Thomson 2 State | Permian | 0 | Permian | 802 | | | |
| GRAHAM COUNTY | | | | | | | | | |
| 5-16 | 5S-23E-15 | Superior 1 Federal ² | | | Tuffaceous shale | 1296 | | | |
| 620 | 5S-24E-16 | Nix Drlg 1 State | | | | | | | |
| 5-1 | 5S-24E-17 | Alexander 1 Graham | | | Cenozoic | 1400 | | | |
| 5-2 | 5S-24E-30 | Ashurst Oil 1 | | | Cenozoic | 1247 | | | |
| 5-3 | 5S-24E-30 | Gila Oil Syndicate 1 | | | Cenozoic | 2645 | | | |
| 5-4 | 5S-28E-33 | Mining Exploration ² | | | | 2324 | | | |
| 5-5 | 6S-24E-13 | Underwriters Synd 1 Mack | | | Cenozoic? | 3767 | R | | |
| 5 | 6S-27E-5 | Water Well | | | Cretaceous volcanics | 2300 | | | |
| 8 | 7S-25E-22 | Safford Water Well | Quartz-gneiss | 2515 | Probable basement | 2600 | | | |
| 5-6 | 8S-26E-6 | Idle Oil 1 Healy | | | | 1800 | | | |
| 539 | 9S-27E-36 | Tenny 1 State | | | Cenozoic | 630 | | | |
| 540 | 9S-27E-36 | Tenny 2 State | | | Cenozoic | 1090 | | | |
| 541 | 9S-27E-36 | Tenny 3 State | | | Tertiary | 3500 | | | |
| 5-7 | 10S-28E-25 | Bear Springs Oil 1 Allen | | | Cenozoic | 1555 | R | | |
| 5-8 | 10S-28E-35 | US Oil 1 Federal | | | | 900 | | | |
| 5-9 | 10S-28E-36 | Whitlock Oil 1 State | | | Cenozoic | 1925 | | | |
| 5-10 | 10S-29E-21 | Whitlock Oil 1 Penrod-Fed | | | Cenozoic | 521 | | | |
| 5-11 | 10S-30E-20 | US Oil 1 Federal | | | Cenozoic | 1555 | | | |
| 249 | 11S-22E-2 | Ram 1 Sierra Bonita | | | Cenozoic | 1823 | R | | |
| 5-12 | 11S-23E-6 | Hooker 1 Sierra Bonita | | | Cenozoic | 1985 | R | | |
| 5-13 | 11S-28E-28 | Bear Springs Oil 1 Finn-Reed | | | Cenozoic | 670 | | | |
| 5-15 | 11S-28E-28 | Perry Howle 1 | | | Cenozoic | 1100 | ? | | |
| PIMA COUNTY | | | | | | | | | |
| 11 | 11S-10E-27 | Berry Mineral Development 1 Federal | | | Tertiary? - Cretaceous? volcanics | 3212 | | | |
| 10-1 | 12S-11E-6 | Eloy Development 1 State | | | Tertiary | 4950 | ? | | |
| 10-2 | 13S-13E-3 | USGS 1 City ² | | | Tertiary Miocene | 1811 | | | |
| 10-3 | 13S-14E-31 | USBR 1 GS ² | | | Tertiary Pliocene | 700 | | | |
| 10-4 | 14S-14E-16 | USGS 5 ² | | | | 1400 | | | |
| 10-5 | 15S-14E-2 | Tucson G&E 7 ² | | | Tertiary Miocene | 3146 | | | |
| 10-7 | 15S-15E-16 | USGS 4 ² | | | | 1842 | | | |
| 597 | 16S-15E-5 | Humble 1 State ² | Quartz monzonite | 11,987 | Tertiary | 12,556 | | | |
| 10-13 | 17S-13E-13 | Anaconda 1 Continental ² | | | Mesozoic? | 2786 | | | |
| 10-14 | 17S-14E-36 | Pima Mining 4 Water Well | Cretaceous | 0 | Cretaceous | 2130 | | | |
| 3 | 18S-18E-33 | Cienega Basin 1 State | Cretaceous | ? | Cretaceous | 2760 | | | |
| 19 | 18S-18E-34 | Jones 1 Juanita-State | Cretaceous | ? | Cretaceous | 2656 | | | |
| 10-17 | 19S-9E-18 | Martin Trustee 1 State | | | Cenozoic | 1000 | | | |
| 68 | 19S-17E-3 | GAC 1 Water Well | Cretaceous | 490 | Cretaceous | 749 | | | |
| 69 | 19S-17E-17 | GAC 2 Water Well | Cretaceous | 315 | Cretaceous | 845 | | | |
| 10-20 | 19S-17E-22 | Anderson 2 Empire Ranch | | | Cenozoic | 1350 | | | |
| 10-21 | 19S-17E-22 | Arizona Oil 1 Boyce | | | Cenozoic | 2991 | | | |
| 70 | 19S-17E-32 | GAC 4 Water Well | Cretaceous | 530 | Cretaceous | 1150 | | | |
| 192 | 19S-18E-29 | Mountain States 1 State | Cretaceous | ? | Cretaceous | 1050 | | R | |
| 219 | 19S-18E-29 | Mountain States 1-A State | Cretaceous | > 0 | Cretaceous | 4410 | | S | |
| PINAL COUNTY | | | | | | | | | |
| 15 | 5S-10E-31 | Western Oilfields 1 Federal | | | Tertiary | 5142 | | | |
| 11-6 | 5S-14E-8 | Hackberry | | | Cenozoic | 700? | | | |
| 106 | 6S-7E-1 | Crouch Drillers Water Well | | | Cenozoic | 3053 | | | |
| 11-9 | 6S-7E-25 | Casa Grande Dev Ass'n 1 Laveen | | | Tertiary? (granitic?) | 4742 | R | | |
| 11-10 | 6S-8E-18 | Crouch Drlg 1 Holland | | | Cenozoic | 3243 | | | |
| 11-11 | 7S-8E-22 | Hatchett 1 McFarland | | | Cenozoic | 1260 | R | | |
| 11-12 | 7S-8E-25 | USBR D-7-8 CAP ² | | | Tertiary | 1944 | | | |
| 11-13 | 7S-8E-31 | USBR CAP ² | | | Cenozoic | 828 | | | |
| 11-14 | 8S-7E-12 | Creed 1 Cherry | | | Cenozoic | 2700 | | | |
| 583 | 8S-8E-2 | Humble O&R 1 State ² | Precambrian | 9875 | Precambrian | 10,179 | | | |
| 317 | 8S-10E-8 | Ari-Mass 1 State | | | Cenozoic | 832 | | | |
| 11-15 | 8S-16E-25 | Santa Maria Explor 1 | | | Cenozoic | 2144 | | | |
| 78 | 8S-17E-15 | Ranchers Water Well | | | Cretaceous? | 2074 | | | |
| 11-16 | 8S-17E-32 | San Pedro Oil 1 Smith | | | Cenozoic | 1485 | R | | |
| 11-18 | 9S-7E-34 | USBR 2 CAP ² | | | Tertiary | 2007 | | | |
| 11-19 | 9S-14E-20 | Continental Oil ² | Precambrian | 3200 | Precambrian | 3220 | | | |
| SANTA CRUZ COUNTY | | | | | | | | | |
| 12-1 | 20S-16E-9 | Jones 1 Larrimore | Cretaceous | 700? | Cretaceous | 3394 | | R | |
| 3 | 20S-17E-4 | GAC 6 Water Well | Cretaceous | | Cretaceous | 1503 | | | |
| 12-2 | 21S-18E-6 | Nogales O&G 1 Babocomari | Cretaceous | | Cretaceous? | 1115 | | | |

¹R No substantiation of shows reported by operator; some highly questionable shows are not listed.

²S Variable type and quality of shows from reliable company reports or discernible in drill-bit cuttings or cores.

³Stratigraphic test -- hole drilled for information in connection with search for petroleum, water, and other minerals.