

**INDEX OF SAMPLES OF  
WELLS DRILLED FOR OIL & GAS IN ARIZONA**

*(Includes wells drilled through May 2015)*

**Complied by  
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**May11, 2015**

**Arizona Geological Survey  
Open File Report OFR 99-14.1**

*This report is preliminary and has not been edited or reviewed for conformity  
with Arizona Geological Survey standards*

**Table 1.** Wells drilled through October 2010 for oil, natural gas, helium, and stratigraphic and geothermal information.....1

Apache County.....1

Navajo Survey in Apache County .....8

Cochise County.....8

Coconino County .....9

Gila County.....9

Graham/Greenlee County .....10

Maricopa County .....10

Mohave County.....10

Navajo County .....11

Pima County.....12

Pinal County .....12

Santa Cruz County .....13

Yavapai County .....13

Yuma County .....13

OGCC Number -- Permit to drill number issued by the Oil and Gas Conservation Commission or number assigned to wells drilled prior to creation of the Commission

Sample Number -- Number of sample stored in Tucson

- cc -- core chip
- cp -- core plugs (1" diameter plugs from conventional core)
- cs -- core slab (generally 1/3 diameter core)
- cfcd -- representative section of full diameter core
- rc -- remnant core (2/3 diameter core)
- swc -- rotary sidewall core
- wc -- whole (full diameter core)

**Table 2.** Wells drilled for water .....14

This listing is limited to samples of water wells for which the Commission has electric logs, sample logs, or formation information.

O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
878	6N-30E-23 NW SW	Tonto Drilling Services 1 Alpine Federal	1875	0-500 wc 500-4505	4505
898	9N-29E-22 SW SE	Ridgeway Arizona Oil Corp 9-22-29 State	1885	1520-3170	3180
66	9N-31E-20 SE NW	Mae Belcher 1 State	1664	155-2921	2921
897	-21 SW NE	Ridgeway Arizona Oil Corp 9-21 State	1884	60-2640 rc 1930-2160, 2642-2651	2686
861	10N-28E-36 SE SE	Salt Grass Exploration, Inc. A-1	1861	30-1070	1072
903	10N-29E-26 NW SW	Ridgeway Arizona Oil Corp 10-26-29 State	1887	1148-3200 20 swc 1900-3118	3200
896	10N-30E-22 SW SW	Ridgeway Arizona Oil Corp 10-22 State	1886	810-2265 22 swc 1482-2235	2265
899	10N-31E-16 NE SW	Ridgeway Arizona Oil Corp 10-16-31 State	1888	1443-2728	2728
959	-29 SW NE	Ridgeway Arizona Oil Corp 10-29-31 State	1923	620-2488	2488
375	11N-28E-22 SE NW	Tenneco Oil 1 Federal-C	1383	70-1600	1687
884	11N-29E-3 NE SE	Ridgeway 3-1 State	1880	140-1813	1813
979	-3 NE SE	Ridgeway 11-3-29x State	1926	100-1670	1670
945	-24 SW NE	Ridgeway Arizona Oil Corp 11-24-29 State	1913	100-1735	1735
989	11N-30E-3 N2 SE	Kinder Morgan 11-03-30 Prize	1931	160-2510	2600
990	-6 NE SW	Ridgeway Arizona Oil Corp 11-06-30 State	1929	931-1788	1788
937	-16 NW SE	Ridgeway Arizona Oil Corp 11-16-30 State	1912	1124-2211	2377
895	-21 NE SW	Ridgeway Arizona Oil Corp 11-21 State	1894	cs / rc / cp 1615-1679 15 swc 1681-2372	2410
938	-29 SE NW	Ridgeway Arizona Oil Corp 11-29-30 State	1911	110-1750	1906
946	-32 C SE	Ridgeway Arizona Oil Corp 11-30-32 State	1914	1050-1690	1690
939	11N-31E-6 NW SE	Ridgeway Arizona Oil Corp 11-06-31 State	1918	1775-2752	2711
940	-7 NW SE	Ridgeway Arizona Oil Corp 11-07-31 State	1915	320-1883	1885
941	-18 NW SE	Ridgeway Arizona Oil Corp 11-18-31 State	1917	60-2772	2035
942	-20 SE NW	Ridgeway Arizona Oil Corp 11-20-31 State	1916	90-1934	1934
944	-32 NE SW	Ridgeway Arizona Oil Corp 11-32-31 State	1919	2520-2900	2900
836	12N-26E-17 NW NW	Sumatra Energy Company 1-17 Santa Fe	1850	150-4143	4143
902	12N-28E-16 NW NE	Ridgeway Arizona Oil Corp 12-16-28 State	1891	0-2280	2280
862	-28 NE NW	Combined Drilling Ventures 1B State	1864	50-3300	3296
880	12N-29E-15 NE SW	Ridgeway/Canstar 1 Plateau Cattle	1877	150-2431	2431
885	-22 NW NW	Ridgeway Arizona Oil Corp 22-1 State	1881	50-218	218
888	-22 SE NW	Ridgeway Arizona Oil Corp 22-1X State	1893	cs 1296-1640 (some gaps) rc 1296-1640, 29 swc 990-2124	2149
948	-34 NW NE	Ridgeway Arizona Oil Corp 12-34-29 State	1920	90-2190	1140
900	12N-30E-15 NE SW	Ridgeway Arizona Oil Corp 12-15-30 State	1889	500-2603	2603
956	-31 SE NW	Ridgeway Arizona Oil Corp 12-31-30 State	1921	85-2321	2321
957	-31 SE NW	Ridgeway Arizona Oil Corp 12-31-30x State	1922	137-1720	1720
98	13N-25E-12 SE SE	Pan American Pet 1 New Mex & Ariz Land-A	372 583	10-180 400-3680 cc 1788-1840	3680
901	13N-29E-36 SW NE	Ridgeway Arizona Oil Corp 13-36-29 State	1890	0-2454	2454
894	14N-25E-15 SE NE	PetroSun Exploration & Production 15-1 NMAL	1882	0-3648	3648
924	-17 NE NW	Holbrook Energy 17-1 NZOG	1904	800-2320	2320
1-9	15N-27E-18 SE SE	Duval Corp 41 Federal (strat)	1302	0- 1230	1514
1-10	15N-28E-4 NE SE	Duval Corp 40 Federal (strat)	1301	1100- 1550	1839
1-11	15N-29E-22 NE NE	Argo Oil 1 State	54	773-2637	2637
904	-28 NE NW	Ridgeway Arizona Oil Corp 15-28-29 State	1892	0-2264	2264
1-15	16N-24E-30 SW NE	Arkla Expl 56 State (strat)	1477	0-1010	1420
324	-32 SW NE	Arkla Expl 1 State (strat)	1350	0-1030	1450
1-19	16N-26E-2 NW NE	Duval Corp 4 State (strat)	1337	0-1364	1641
1-21	16N-29E-34 NE NE	Duval Corp 7 Federal (strat)	1334	0-1480	1802
636	17N-25E-4 NW NW	St. Joe American 4 State (strat)	1757	0-1449	1452
650	-10 SE SE	St. Joe American 8 State (strat)	1761	0-1410	1428

APACHE COUNTY (continued)

O&GCC NUMBER	LOCATION			OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
641	17N-25E-12	NW	NW	St. Joe American 5 State (strat)	1758	0-1530	1543
987	-12	NE	NE	Potash Green 1 PG State	1927	wc 1279-1580	1580
652	-16	NW	NW	St. Joe American 9 State (strat)	1762	0-1370	1388
988	-20	SW	NE	Potash Green 2 PG State	1928	wc 1087-1386	1386
1-28	17N-26E-1	NW	SE	Duval Corp 5 Santa Fe (strat)	1336	0-1460	1905
442	-3	SW	NE	Crest Oil 1 Spurlock	1429	160-3784	3784
642	-6	NW	NW	St. Joe American 6 State (strat)	1759	0-1590	1594
1-29	-16	SE	SE	National Potash Navajo 1 State (strat)	1347	0-1320	1507
1-30	-18	NE	NE	Duval Corp 10 State (strat)	1331	10-1300	1528
1-31	-36	NW	NW	National Potash Navajo 2 State (strat)	1348	0-1000	1572
1-32	17N-27E-15	SW	SE	Duval Corp 14 Santa Fe (strat)	1327	100-2000	2347
1-33	17N-28E-34	NE	NE	Duval Corp 42 Federal (strat)	1300	0-1725	2107
1-34	17N-29E-27	NE	NE	Duval Corp 38 Santa Fe (strat)	1303	100-1580 1610-2170	2529
554	18N-24E-8	NW	NW	Suburban Gas 1 Adamana (storage)	1673	10-1100 cc 820-1130	1130
557	-8	NW	NW	Suburban Gas 2 Fee (storage)	1667	50-1110	1112
602	-8	NW	NW	Williams Energy 3 Fee (storage)	1716	160-1110	1140
603	-8	NW	NW	Williams Energy 4 Fee (storage)	1717	160-980	1120
606	-8	NW	NW	Williams Energy 5 Fee (storage)	1718	30-1119	1119
607	-8	NW	NW	Williams Energy 6 Fee (storage)	1719	30-1120	1120
556	-8	NW	NW	Suburban Gas 1 Fee (storage)	1665	20-1100	1101
1-37	-17	NW	NW	Duval Corp 31 Santa Fe (strat)	1309	0-780	955
1-38	-20	SE	SW	Duval Corp 36 Santa Fe (strat)	1306	0-800	955
1-39	-31	SE	SW	Duval Corp 27 Federal (strat)	1315	0-780	1064
288	18N-25E-10	SW	NE	Walker Bros 1 State	1365	0-590 cc 599-605	608
1-40	-10	NW	NW	Duval Corp 18 State (strat)	1323	0-1014	1433
682	-12	NE	NE	St. Joe American 13 State (strat)	1779	0-1080 cc 1083-1182	1182
1-41	-14		C	Duval Corp 35 State (strat)	1307	0-1040	1147
387	-16	SW	NW	Henderson 1 State	1794	100-425	510
645	-16	SW	SW	St. Joe American 7 State (strat)	1760	0-1000	1004
1-42	-18	NE	NE	Duval Corp 8 Federal (strat)	1333	0-775	923
63	-21	NE	SE	Kerr-McGee 2 Hortenstine	369	0-455	540
57	-23	NE	NW	Kerr-McGee 1 Hortenstine	367	0-365 420-3450	3456
633	-24	NW	NW	St. Joe American 1 State (strat)	1754	0-1220	1228
634	-26	NW	NW	St. Joe American 2 State (strat)	1755	0-1240	1245
635	-34	NW	NW	St. Joe American 3 State (strat)	1756	0-1810	1818
1-46	18N-26E-4	SE	NE	Duval Corp 37 State (strat)	1305	100-1400	1564
679	-4	SE	SE	St. Joe American 10 State (strat)	1776	0-1250 cc 1260-1380	1380
1-47	-6	SW	SW	Duval Corp 33 State (strat)	1311	0-1080	1206
673	-8	NW	NW	Duval 61 State (strat)	1775	10-1250 cc 1140-50	1251
632	-8	NE	SE	Duval 52 State (strat)	1734	0-1160	1308
665	-10	NE	NW	Duval 57 State (strat)	1773	0-1450	1452
1-48	-10	W2	W2	Duval 16 State (strat)	1325	0-870	1414
624	-12	SW	NW	Duval 47 State (strat)	1729	0-1430	1735
1-49	-16	SE	NE	Duval 20 State (strat)	1321	0-1220	1440
680	-16	NW	NW	St. Joe American 11 State (strat)	1777	0-1160 cc 1202-1312	1312
664	-18	SE	NE	Duval 53 State (strat)	1772	0-1265	1265
1-50	-18	W2	NW	Duval 24 State (strat)	1318	10-980	1224
1-51	-19	NW	NW	Duval 3 Fee (strat)	1338	100-1110	1321
681	-20	NW	NW	St. Joe American 12 State (strat)	1778	0-1130 cc 1142-1252	1252
1-52	-22	E2	W2	Duval 32 State (strat)	1310	0-1700	1845
1-53	-24	NE	NE	Duval 11 State (strat)	1330	0-1260	1739
1-54	-30	NW	SW	Duval 26 State (strat)	1316	0-1260	1496
1-55	-34	NE	NW	Duval 13A State (strat)	1328	100-1300	1548
626	18N-27E-6	NW	NE	Duval 49 State (strat)	1731	0-1860	2046
1-56	-7	NW	NW	Duval 34 Santa Fe (strat)	1308	150-1570	1865
625	-8	SE	NW	Duval 48 State (strat)	1730	0-1740	1776
630	-8	SE	NW	Duval 50 State (strat)	1732	0-2000	2139
1-57	-10	NW	SE	Duval 9 State (strat)	1332	340-2200	2512
631	-18	SE	SE	Duval 51 State (strat)	1733	0-1670	1781

O&GCC NUMBER	LOCATION			OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>APACHE COUNTY (continued)</u>							
1-58	-35	SE	SE	Duval 43A Santa Fe (strat)	1354	0-2180	2445
1-59	18N-28E-15	SE	SE	Duval 25 Santa Fe (strat)	1317	110-1380 1410-2430	2789
1-60	-19	SW	SE	Duval 44 Santa Fe (strat)	1353	0-2360	2675
180	18N-29E-16	NE	SW	M Martin 1 State	1260	0-2065	2068
120	19N-25E- 2	SW	NE	Sierra Drilling 1 State	600	200-1020	1047
210	-11	NE	NW	M Martin 1 Fitzgerald	1273	500-830 cc 833-47	847
189	-26	SE	NW	R H Busby 1 State	688	0-850	879
1-63	-36	NE	NE	Duval 6 State (strat)	1335	0-1218	1342
190	-36	NE	SW	R H Busby 2 State	700	30-735	758
157	19N-26E- 1	SW	NW	Eastern Petroleum 1 Reese	662	0-1075	1077
81	- 2	NE	SW	Eastern Petroleum 1-2 State	621	150-955 cc 987-1044	1054
349	- 4	NE	NE	Kerr-McGee 3A State	1373	0-1005	1005
78	- 6	SE	NE	Eastern Petroleum 1-6 State	613	200-1013 cc 710-965	1013
80	-10	NE	NE	Eastern Petroleum 1-10 State	620	100-1035 cc 974-1000	1035
123	-12	NE	SW	Sierra Drilling 2 State	595	190-1095	1100
1-64	-12	NE	SE	Duval 2 State (strat)	1339	0-1400	1594
352	-15	SE	SE	Eli Oil & Gas 1 Hortenstine	1382	280-986	986
121	-16	SW	NE	Sierra Drilling 4 State	594	200-1010	1016?
320	-17	SW	NE	Walker Bros 1 Lansdale	1349	0-863	865
262	-20	SW	NE	C E McCaughey 1 Sunland-State	1244	50-859	862
1-65	-22	SW	SW	Duval 12 State (strat)	1329	0-980	1583
143	-22	NE	SE	Teil Development 1 Kruglich-Fletcher- State	1257	50-760	760
1-66	-36	NE	NE	Duval 1A State (strat)	1340	200-1785	2005
236	19N-27E- 4	W2	W2	Eastern Petroleum 17 Santa Fe	1247	60-1030	1057
206	-5	SE	NW	Eastern Petroleum 14 Santa Fe	1183	0-980	1100
250	-8	NE	NE	Eastern Petroleum 29 Santa Fe	1250	810-1100	1101
216	-8	SE	NW	Eli Oil & Gas 2 Santa Fe	1259	100-1100	1138
185	-9	NE	NE	Eli Oil & Gas 1 Santa Fe	1266	140-1207	1208
109	-9	NE	SW	Eastern Petroleum 3 Santa Fe	605	0-2933 cc 1161-1200	2933
623	-9	SE	SW	Duval 46 Santa Fe (strat)	1728	0-1590	1743
1-67	-10	NW	NW	Duval 28A Santa Fe (strat)	1314	0-1590	1908
229	-12	SW	NE	Eastern Petroleum 19 Santa Fe	1275	100-1420	1422
1-68	-19	SW	SW	Duval 30 Santa Fe (strat )	1312	0-1710	1890
1-69	-22	SW	NE	Duval 15 Santa Fe (strat)	1326	0-1840	1981
230	-23	C	E2	Eastern Petroleum 20 Santa Fe	1792	100-1556	1557
1-70	-28	SW	SW	Duval 39 Santa Fe (strat)	1304	0-1860	2001
150	19N-28E- 9	SE	NW	Eastern Petroleum 5 Santa Fe	653	570-1830	1830
1-71	-21	NE	SW	Duval 19 Santa Fe (strat)	1322	130-2080	2135
586	19N-29E-29	SW	NE	Eastern Petroleum 1 Santa Fe-Surprise Creek	1706	660-1960	2000
195	-32	NW	NW	Desert Drilling 1 State	703	0-1600	2660
75	20N-25E-22	SE	SE	Texas American Oil 1 Fitzgerald	373	0-470	.471
99	-22	SE	SE	Texas American Oil 2 Fitzgerald	368	0-1327	1327
136	20N-26E-21	SW	SE	Linehan & Stoltenberg 1-21 Spurlock-Wetzler	663	0-1060	1082
64	-27	NE	SE	Kerr-McGee 1 Reese	1549	170-1052	1052
88	-28	SE	SE	Eastern Petroleum 1-28 State	622	50-1090 cc 940-978	1091
137	-31	SE	NE	Linehan & Stoltenberg 1-31 Spurlock-Wetzler	664	0-807	860
378	-32	NE	SE	Kerr-McGee 4A State	1416	530-830	834
10	-33	SW	SE	Kerr-McGee 1 Fee (Formerly C W Colgrove 2 Macie-Hortenstine)	1663	176-1710 cc/cs 1042-1876 cc/cs 1893-2517	2517
1194	-33	NW	SE	Ranger Development 33-1 Fee	1932	0-1000 rc 740-759	1000
1-72	-34	SW	SW	Kerr-McGee 1 State (Formerly Kipling Petroleum 1 Macie-State)	69	0-1520	1550
36	-34	NW	SE	Kerr-McGee 2 State (Formerly Apache.Oil & Helium 3 Macie-State)	305	980-2502 cc 1545-81	2502
142	-35	NW	NE	Kerr-McGee 3 Fee	650	0-1085	1086
91	-36	SW	NE	Kerr-McGee 5 State (strat)	400	0-1200	1200
268	20N-27E- 5	SE	NE	Eastern Petroleum 22 Santa Fe	1249	120-990	1022
108	- 7	SE	NW	Eastern Petroleum 2 Santa Fe	606	100-900 cc 1128-1238	1240
112	-19	NE	SW	Crest Oil 1 Santa Fe (strat)	602	260-1080	1226
264	-21	NE	SW	Eastern Petroleum 36 Santa Fe	1254	150-1285	1285

O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)	
<u>APACHE COUNTY (continued)</u>						
203	20N-27E-24	NE SW	Crest Oil 9 Santa Fe	698	100-1290	1330
576	-25	SW NE	Eastern Petroleum 1-25 Santa Fe	1696	0-1370	1381
134	-25	SE NW	Crest Oil 8 Santa Fe	597	0-1355	1372
353	-25	SE NW	Apache Drilling 1 Santa Fe-Crest oil	1458	0-1305	1306
473	-25	SE NW	Crest Oil-Arizon& Helium 8X Santa Fe	1479	180-1155 1210-1358 cc 1156-1210	1358
584	-25	SE SW	Eastern Petroleum 1 Santa Fe-Dreck	1698	290-1266	1266
471	-25	SE SE	Crest Oil-Arizona Helium 1 Santa Fe	1478	100-1225	1225
1-73	-26	NW NW	Duval 21 Santa Fe (strat)	1320	0-1680	1978
129	-26	NE SW	Crest Oil 5 Santa Fe	601	0-1175	1180
151	-26	NE SW	Crest Oil 5A Santa Fe	655	0-1130	1135
543	-26	SE SW	Eastern Petroleum 1-26 Santa Fe	1625	220-1135	1161
547	-26	SE SE	Eastern Petroleum 2-26 Santa Fe	1619	0-1270	1290
258	-28	NE SW	Eastern Petroleum 32 Santa Fe	1252	100-1100	1133
255	-29	N2 SE	Eastern Petroleum 31 Santa Fe	1251	120-990	1049
259	-30	NW SE	Eastern Petroleum 33 Santa Fe	1253	130-1250	1265
194	-31	NE SW	Eastern Petroleum 13 Santa Fe	1272	0-978	1030
1195	-31	NE SW	Ranger Development 31-1 Fee	1933	0-972	972
238	-32	NE SW	Kerr-McGee 1 Barfoot-State	1263	305-995	1087
140	-34	SW NE	James Brown 1 Santa Fe	609	160-1170 cc 1174-1214	1214
269	-34	SE NW	Eastern Petroleum 37 Santa Fe	1255	110-1195	1202
130	-35	NE NE	Crest Oil 6 Santa Fe	656	100-1222 cc 1222-31	1231
553	-36	NE NE	Western Helium & Connelly 1 KM-State	1688	0-1150	1160
578	-36	NE NW	Eastern Petroleum 1 Szar-State	1695	300-1210	1215
920	20N-28E-12	NE SW	Gruy Petroleum 12-11-Santa Fe Goodyear	1901	200-1020	1025
560	-13	NE SW	Eastern Petroleum 1 Kiva-Santa Fe	1690	550-1215	1230
152	-19	NE SW	Eastern Petroleum 4 Santa Fe	654	250-1470	1479
599	-24	NE SW	Eastern Petroleum 2 Kiva-Sants Fe	1707	620-1190	1230
921	-24	SE NW	Gruy Petroleum 24-6-Santa Fe Whispership	1902	100-1210	1213
155	-25	W2 E2	Eastern Petroleum 6 Santa Fe	657	60-1300	1300
565	-25	SE NW	Eastern Petroleum 6X-1 Santa Fe	1677	330-1260	1265
552	-30	SE NW	Western Helium 1 Indian	1669	0-1310	1310
592	-30	SW SW	Eastern Petroleum 1 Merde-Indian	1704	280-1200	1200
596	-30	SW SE	Eastern Petroleum 2 Merde-Indian	1705	310-1340	1343
579	-31	SW NE	Eastern Petroleum 3 Ancon-Santa Fe	1709	350-1280	1280
537	-31	NW NW	Eastern Petroleum 21-1A Santa Fe	1626	0-1230 cc 1075-84	1232
234	-31	SE NW	Eastern Petroleum 21 Ancon-Santa Fe	1248	70-1300	1361
1-74	-33	SE SE	Duval 23 Santa Fe (strat)	1319	0-2045	2068
600	20N-29E-29	NW SE	Eastern Petroleum 1 Santa Fe-Beacon	1714	640-1260	1265
1-75	-31	NE NW	Duval 17A Santa Fe (strat)	1324	0-1360	1916
505	21N-25E-25	NE SW	0 R Thourean (Eastern Petroleum) 1 Navajo	1484	30-1270	1272
504	21N-26E-27	NE SW	0 R Thourean (Eastern Petroleum) 1 Santa Fe	1488	100-1235	1235
107	-35	SE NW	Eastern Petroleum 1 Santa Fe (strat)	617	30-1465 cc 1083-1596	1616
842	21N-27E-13	SW SW	High Plains Petroleum 1-13 Santa Fe	1855	130-1200 1200-1456	1456
567	21N-28E-21	NE SW	Eastern Petroleum 1 Santa Fe- Chambers	1691	30-935	940
90	-22	SW NE	Kerr-McGee 1 Natoni	397	10-460	460
74	-27	SW NE	Brown & Assoc. 2 Chambers-Sanders	658	0-2135	2135
70	-28	NE NE	Brown & Assoc. 1 Chambers-Sanders	661	0-1322	1322
510	29N-24E-21	SE NW	Gulf Oil 1 Navajo-CZ	1576	0-4550	4552
1-77	31N-23E- 3	SW NE	Amerada-Stanolind 1 Black Mountain-Navajo	70 1562	70-1370 1720-3710 4100-5760 cc 4208-11, 5441-76, cc 5519-33, 5598-5609, cc 5692-97, 5762-66	5766
308	35N-22E- 2	NE NW	Tenneco Oil 1 Navajo	1341	0-6753	6754
526	35N-27E-31	NE NE	Buttes Gas & Oil 1-31 Navajo	1602	0-2482	2482
354	35N-28E- 5	SW NW	Buttes Gas & Oil 1 Navajo	1371	300-3030	3030
461	-25	SE SE	Buttes Gas & Oil 1-25 Navajo	1454	300-3000	3000
463	35N-29E- 1	SE NE	Pan American Petroleum 1 Navajo-AE	1450	30-5741	5742
594	-15	NW NE	Eastern Petroleum 1 Chuska Mtn Fuel-Navajo	1702	600-3394	3394
478	-25	SW SW	Little & Richardson 1 Tohotso-Navajo	1506	0-3860	3867

O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)	
<u>APACHE COUNTY (continued)</u>						
395	35N-30E- 3	NW NW	Anadarko Production 1-135 Navajo	1392	0-4240	4242
525	- 4	NW NW	Mesa Petroleum 1 Navajo-B	1605	500-3869	3972
445	- 5	NW NW	Kerr-McGee 1X Navajo-B	1449	360-1470 1500-3165	3165
381	- 5	SE NW	Kerr-McGee 1 Navajo-B	1431	420-4130	4130
723	- 6	NW NE	Kerr-McGee 3 Navajo-138	1827	450-4100	4100
388	- 6	SE NE	Humble Oil & Refining 1 Navajo-138	1446	100-4250 cc 3345-3474	4280
400	- 6	SE SE	Humble Oil & Refining 2 Navajo-138	1425	0-4607	4607
393	- 8	SE NE	Humble Oil & Refining 1 Navajo-140	1424	300-4854	4854
501	-10	SW NW	Odessa Natural Gasoline 1 Aircodessa-Navajo	1483	0-4978	4978
426	-14	NE NE	Kerr-McGee 1 Navajo-H	1434	400-5345	5345
454	-35	SE NE	Humble Oil & Refining 1 Navajo-151	1447	250-3950 cc 3326-85, 3689-3772	3963
325	36N-22E-14	NW NW	Cactus Drilling 1 Navajo	1346	0-6688	6689
345	36N-24E-23	SW NE	Cactus Drilling 1 Navajo	1368	0-5720	5720
494	36N-27E-30	SW NW	Riddle & Gottlieb 1 Navajo	1482	0-3460	3460
612	36N-28E- 3	NE NW	American Fuels 1 Navajo-O	1783	1163-3950	3950
300	- 6	NW NW	W T Blackburn 6-1 Navajo	1298	0-4344 cc 3649-4209	4347
549	36N-29E- 4	SE SE	Union Oil 1-P4 Navajo	1658	90-3021 cc 2816-29	3Q22
519	-11	SE SW	Union Oil 1-N11 Navajo	1612	0-3896	3896
522	-17	SW SW	Union Oil 1-M17 Navajo	1611	500-5057	5057
401	-23	SE NE	Humble Oil & Refining 1 Navajo-87	1438	100-5505	5505
431	-25	SE NE	Humble Oil & Refining 2 Navajo-88	1442	800-4650 cc 4560-4821	4821
447	-25	SE NW	Humble Oil & Refining 4 Navajo-88	1441	170-4500	4500
722	-25	NW SE	Kerr-McGee 6 Navajo-88	1828	440-4320	4439
421	-25	SE SE	Humble Oil & Refining 1 Navajo-88	1445	40-3850 cc 3437-3786	3850
595	-32	SW SE	Eastern Pet 2 Chuska-Mtn Fuel-Navajo-122	1703	600-3240	3240
443	-36	SE NW	Humble Oil & Refining 3 Navajo-88	1440	110-3875	3875
545	36N-30E- 6	NW SW	Union Texas Petroleum 1-6 Navajo	1618	330-3610 cc 3333-64	3610
517	-19	SE SW	Continental Energy 2X Navajo-E	1610	100-2170	2170
571	-19	SE SW	Republic Minerals 2X Navajo-E (reentry)	1680	2180-4449 cc 4391-4416	4449
651	-19	SE SW	Beta Exploration 2X Navajo-E (reentry)	1745	4445-4670	4677
694	-29	NW SW	Kerr-McGee 23 Navajo	1805	360-3170	3180
389	-29	SE SW	Kerr-McGee 7 Navajo	1394	480-3270	3270
391	-29	SE SE	Kerr-McGee 8 Navajo	1421	400-3502	3660
446	-30	SE NE	Kerr-McGee 10 Navajo	1433	250-3868	3868
419	-30	SE NW	Kerr-McGee 16 Navajo	1420	270-3221	3221
692	-30	NW SW	Kerr-McGee 22 Navajo	1801	350-3300	3300
417	-30	SE SW	Kerr-McGee 15 Navajo	1419	300-3222	3246
693	-30	NW SE	Kerr-McGee 21 Navajo	1800	320-3260	3264
396	-30	SE SE	Kerr-McGee 9 Navajo	1418	0-3720	3720
691	-31	NW NE	Kerr-McGee 19 Navajo	1802	745-4075	4075
390	-31	SE NE	Kerr-McGee 6 Navajo	1432	330-3658	3835
719	-31	NE NW	Kerr-McGee 25 Navajo	1824	440-4000	4024
696	-31	NW NW	Kerr-McGee 20 Navajo	1804	930-3980	3980
720	-31	NE SE	Kerr-McGee 26 Navajo	1825	600-4470	4470
721	-31	NE SE	Kerr-McGee 27 Navajo	1826	1500-3990	4015
690	-32	NW NE	Kerr-McGee 18 Navajo	1803	330-2954	2954
384	-32	SE NE	Kerr-McGee 4 Navajo	1417	270-2900	2960
695	-32	NW NW	Kerr-McGee 24 Navajo	1806	335-3507	3515
379	-32	SE NW	Kerr-McGee 2 Navajo	1393	10-3280 cc 3000-3180	3275
377	-32	SE SW	Kerr-McGee 1 Navajo	1357	350-3862	3864
506	-32	NW SE	Kerr-McGee 11 Navajo	1503	270-2893	2893
380	-32	SE SE	Kerr-McGee 3 Navajo	1415	420-1850	1853
386	-32	SE SE	Kerr-McGee 3X Navajo	1395	0-3600	3600
422	-33	SE NW	Kerr-McGee 2 Navajo-C	1435	350-4370	4371
484	-33	NW SW	Kerr-McGee 1 Navajo-C	1464	1100-3590 cc 3460-3508	3590
311	37N-27E- 8	SE SE	W T Blackburn 8-1 Navajo	1362	305-4980	4986
476	-23	SE SE	Buttes Gas & Oil 1-23 Navajo	1480	250-3800	3800
520	37N-28E-24	NE SE	Buttes Gas & Oil 1-24 Navajo	1603	260-3920	3920
538	-32	NW NE	C Little 1 Aircodessa-Pete's Nose-Navajo	1624	100-3949 cc 3634-71.5	3949
491	37N-29E-12	NW NE	Gulf Oil 1 Navajo-BS	1574	60-4145 cc 2863-2904	4145

O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)	
<u>APACHE COUNTY (continued)</u>						
544	37N-29E -14	NE SW	Union Texas Petroleum 1-14 Lukachukai-Navajo	1617	230-3700 cc 3414-3524	3700
575	-16	NE NE	C J Little 1-16 Navajo	1684	680-3938	3938
590	-16	NW SE	St Mary Parish Land-Oil Resources 2-16 Navajo	1700	40-3774	3774
563	-22	NW NW	C J Little 1-22 Navajo	1676	120-3765 cc 3535-3643	3765
489	-33	SE SE	Odessa Nat Gasoline 1 Aircodessa Cove-Navajo	1475	270-3605	3605
298	-35	NW NW	W T Blackburn 35-1 Navajo	1278	0-3565 cc 3566-3647	3657
591	37N-30E-30	NE SW	St Mary Parish - Oil Resources 1-30 Navajo	1710	30-3196	3198
507	-34	NE NE	Gulf Oil 1 Navajo-CS	1573	0-4600	4600
433	38N-22E- 1	NW NW	McCulloch Oil 1-1 Navajo	1426	900-5840	5846
593	38N-23E-13	SW SE	Tesoro Petroleum 1 Navajo-Davis	1708	360-5547 cc 4991-5010	5547
424	38N-24E-28	SE NW	American Mining 1 Navajo	1430	0-5700	5807
698	-29	NW SE	Excel Energy 29-1 Navajo	1807	0-3000 3100-6020	6020
280	38N-27E-20	SE SE	Pan American Petroleum 1 Navajo-T	1282	50-5870	5870
415	38N-29E-16	NE SE	Pan American Petroleum 1 Navajo-V	1422	620-4445	4445
497	38N-30E- 2	NW NW	Depco 4-2 Navajo	1486	330-5012	5012
468	-12	SE NW	Pan American Petroleum 1 Navajo-AF	1448	400-4800	4809
423	-18	NW NW	Skelly oil 1 Navajo-Q	1452	0-3372	5373
316	-32	NE SE	Pure Oil 1 Navajo-103	1369	350-4402	4404
292	39N-23E-12	SE NW	Superior Oil 22-12 Navajo-V	1476	400-6468 cc 5980-6252	6468
297	39N-24E- 7	SE SE	Amerada Petroleum 1 Navajo-91	1299	20-6573	6573
382	39N-25E-16	NW NW	J C M Drilling 1 Navajo-Mobil	1385	400-6031	6031
272	-28	SE NW	Socony Mobil Oil 1 Navajo-155	1552	1690-5640 cfd 5632	5644
503	39N-29E- 1	SE SE	Monsanto 1 Carrizo-Navajo	1487	-8460	8461
467	39N-30E- 1	SE SE	Odessa Nat Gas 1 Aircodessa-Beclabito-Nav	1444	320-2310	2317
247	40N-24E- 8	NE SW	Pan American Petroleum 1 Navajo-Q	1285	2220-6617	6617
271	40N-25E- 6	NE NE	Texaco 1 Navajo-AK	1284	920-3000 3200-6750 cc 6375-6490	6750
60	-11	NE SE	Pan American Petroleum 1 Tohlacon-Navajo	377 587	0-6598 cc 4822-5022, 5102-5541 cc 5680-5713, 6239-6325	6598
95	40N-26E-20	SE SE	Texas Pacific Coal & Oil 1 Navajo-190	1660	40-4690 4790-5155, 5216-6300 cc 4690-4790, 4930-72, cc 5155-5216, 6112-32	6424
145	-30	NW NW	Bonanza Oil 1 Navajo	651	2200-6515 cc 4978-5014, 5494-5503 cc 5543-72, 6095-6145 cc 6620-40, 6302-21	6515
261	40N-27E- 6	NW NW	Occidental Petroleum 1 Texaco-Navajo	1245	1000-6790	6795
213	40N-28E- 1	SW SW	Pure Oil 5 Navajo-138	684	60-5640 cc 5022-64, 5490-5510, cc 5550-92	5640
115	- 2	SW SE	Texas Pacific Coal & Oil 3 Navajo-138	618	0-5410 cc 5332-71	5411
852	- 2	NE SW	Monsanto 6 Navajo-138	1857	3500-5540	5540
179	- 6	NW SW	Pan American Petroleum 1 Navajo-F	693	2700-7335 cc 7053-58, 7128-36	7359
513	- 9	NW NW	Curtis Little 1 West Dry Mesa-Navajo	1502	230-6002	6002
77	11	NE NE	Texas Pacific Coal & Oil 1 Navajo-138 590	380	0-6070 cc 4936-56.5, 5052-82, cc 5566-5638, 6070-80	6080
116	-11	NE NW	Texas Pacific Coal & Oil 4 Navajo-138	610	1100-5800 cc 5614-68	5800
106	-12	SW NW	Texas Pacific Coal & Oil 2 Navajo-138	615	0-5770 cc 4918-35, 5058-79, cc 5551-5686	5771
907	-12	NW SE	Thompson Engineering & Prod 10 Dry Mesa	1895	3500-5170	5170
138	-17	NW NE	Western States Petroleum 2 Navajo	660	300-6340	6341
94	-18	NW NW	E B LaRue Jr 1 Navajo	1672	0-6900 cc 5705-46, 6290-6321	6916
717	40N-29E- 7	SW SE	Kenai Oil & Gas 34-7 Navajo	1819	640-5639	5639
146	- 7	SE SE	Atlantic Refining 7-1 Navajo	652	2400-5785 cc 5583-5639	5785
608	- 9	SE SW	American Fuels 1 Navajo-B	1782	0-5865	5865
176	-15	NE SW	Pan American Petroleum 1 Moko-Navajo	695	1600-5868 cc 5208-64, 5685-5739	5868
598	-15	SW SW	Universal Resources 1-15 Navajo	1713	1170-5775	5775
581	-16	SE NW	Cities Service Oil 1 Monsanto-Navajo-C	1697	1140-5750	5753



O&GCC NUMBER	LOCATION			OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>APACHE COUNTY (continued)</u>							
868	40N-29E -16	SW	SW	Chuska Energy 5 Black Rock	1868	3700-6140	6140
615	-17	NE	NE	American Fuels 1 Navajo-AC	1784	530-6160	6163
274	-18	NE	SE	Marathon Oil 1 Navajo	1256	800-6195 cc 6200-62	6262
871	-18	NE	NE	Chuska Energy 8 Black Rock	1869	1000-5940	5940
559	-21	SE	NE	Cities Service Oil 1 Monsanto-Navajo-A	1678	0-6110	6111
566	-27	SW	NE	Cities Service Oil 1 Monsanto-Navajo-B	1692	0-7150	7150
546	40N-30E- 2	NW	SE	Depco 1-2 Navajo	1613	2500-7230	7230
105	- 5	SW	SW	British-American Oil Producing 1 Navajo-C	619	210-6410 cc 5356-5410	6419
290	41N-22E-12	NW	SW	Occidental Petroleum 1 Monument-Navajo	1361	0-3029	3029
248	41N-24E-16	NE	NE	Gulf Oil 1 Garnet Ridge-Navajo	1264	0-6769 cc 6647-58	6769
226	41N-25E-16	NW	SE	Texaco 1 Navajo-AG	704	950-6615	6615
295	-17	NE	NE	Great Western Drilling 2 El Paso-Navajo	1279	3500-6457	6457
245	-20	NE	NE	Great Western Dlg - Moncrief 1 El Paso-Nav	1276	1000-7090 cc 6283-6410	7099
266	-21	NW	NE	Texaco 2 Navajo-AG	1288	900-6781	6781
165	41N-26E-23	NW	NW	E B LaRue Jr 1 Dinne-Navajo	690	150-6332	6332
50	-28	SW	SE	Gulf Oil 1 British Amer-Walker Crk-Nav	366	45-6421 (some gaps)	6421
					1532	cc 4891-5127	
260	-31	SW	SW	MacDonald Oil 1 Navajo	1267	2580-6500	6500
304	-33	SW	SW	Tenneco Oil 1 Navajo	1280	780-3750 3800-6100, 6200-6606 cc 4721-81	6606
166	41N-27E-22	NE	NE	E B LaRue Jr 2 Dinne-Navajo	659	200-6260	6260
31	-29	NE	NW	Hancock Oil 29-1 Dinne-Navajo	178	0-6500	6500
528	41N-28E- 1	SW	SW	Consolidated Oil & Gas 1-1 Navajo	1615	500-6150	6136
481	- 2	SW	SW	Consolidated Oil & Gas 2-13 Navajo	1461	330-5900	5900
22	- 3	SE	NW	Shell Oil 2 Navajo	1537	1700-2800 4085-4260, 6005-6300	6339
490	- 3	NE	SW	Consolidated Oil & Gas 3-11 Navajo	1470	324-5703 cc 4626-4787, 5095-5115	5708
514	- 3	SW	SW	Consolidated Oil & Gas 3-3 Navajo	1504	1260-4851	4855
515	- 4	SW	SE	Humble Oil & Refining 3 Navajo	1489	150-5000	5010
508	- 5	SE	SE	Globe Minerals 1 Navajo	1491	1000-5690	5700
483	- 9	NE	NE	Globe Minerals 3 Navajo-E	1497	335-5173	5173
511	- 9	NW	NE	AAA Fishing Tool 1 Navajo-E	1623	300-5000	5000
65	- 9	SW	NE	Humble Oil & Refining 2 Navajo-E	1791	1010-6490 cc 4680-4855	6520
509	- 9	NE	NW	Globe Minerals 4 Navajo-E	1498	350-5225	5225
58	-10	SW	NE	Humble Oil & Refining 1 Navajo-E	333	0-260 440-1020, 1520-5410	5410
518	-11	SW	NW	Consolidated Oil & Gas 2-11 Navajo-227	1494	300-5000	5057
69	-11	NE	SW	Shell Oil 23-11 Navajo	378	570-5475	5513
					588	cc 4550-53, 4560-83	
32	-22	SW	NW	Franco-Western Oil 1 Navajo	181	1200-5900	5902
205	-27	SE	NW	Franco-Western Oil 2 Navajo	692	120-6259	6259
613	-31	SE	SW	American Fuels 1 Navajo-E	1781	310-7635	7635
367	41N-29E- 3	SE	NE	Champlin Petroleum 1 Navajo-190	1380	550-5287	5287
434	- 4	NE	SE	Champlin Petroleum 1 Navajo-335	1423	0-6173	6173
18	- 6	SE	SE	Shell oil 1 Navajo	1661	400-6489 cc 4862-5055, 5358-95	6490
168	-22	NE	NE	E B LaRue Jr 1 Toh Atin	696	370-6301	6301
139	-29	SE	SE	Davis Oil 1 Navajo-C	607	1480-6745 cc 5054-63	6749
44	41N-30E-10	NW	SW	Superior Oil 1 Navajo-H	334	0-6250 (some gaps)	6317
					623	cc 5120-5322, 5560-5680 cc 6290-6317	
1-79	-11	SE	NE	El Paso Natural Gas 10 Navajo (strat)	191	0-472	472
1-80	-13	SW	NE	El Paso Natural Gas 1 Navajo (strat)	1513A	0-705	750
299	-13	SE	SE	Walter Duncan 1 El Paso-Navajo	1287	1600-5400	5400
46	-16	SW	SW	Superior Oil 2 Navajo-H	376	300-4994 5115-5325, 5505-6075, 6204-6455	6787
					586	cc 4995-5115, 5323-5505, cc 5565-5683, 6075-6204, cc 6466-6786	

O&GCC NUMBER	LOCATION			OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>APACHE COUNTY (continued)</u>							
128	41N-30E	-21	NE SW	Superior Oil 23-21 Navajo-M	616	1105-5995 cc 4935-5122	5991
801		-22	SE NE	Energy Reserves (Mtn. States) 12 Navajo-O	1832	490-2470 2670-3270, 3300-5155 cc 4050-80, 4140-4200, cc 4260-4410, 4530-90	5155
834		-22	SE SE	Mountain States Resources 16 Navajo-O	1845	3520-5200	5200
843		-22	NE SW	Mountain States Resources 18 Navajo-O	1854	1000-5200	5200
640		-23	SW SW	Clinton Oil (Energy Reserves) 3 Navajo-O	1774	2770-5325	5326
232		-23	SE SW	Pan American Petroleum 1 Navajo-O	1512	0-6800 cc 5058-74, 5127-47, cc 6635-6736 cs 5127-30, 5132-34, 5134-36	6805
582		-23	NW SE	Clinton Oil (Energy Reserves) 2 Navajo-O	1711	1540-5815	5855
683		-25	SW NW	Energy Reserves 6 Navajo-O	1798	100-5458	5458
686		-25	NE SW	Energy Reserves 7 Navajo-O	1810	0-5830	5830
678		-26	NE NE	Energy Reserves 5 Navajo-O	1785	20-5790	5791
1-81		-26	SE NE	El Paso Natural Gas 8 Navajo (strat)	187	0-580	580
425		-30	NE NW	Miami oil Producers 1 Navajo 41-54	1443	0-6635	6637
637		-30	SW SE	Northwest Pipeline 1 Judy Lee-Navajo	1764	472-6750	6752
113		-36	NW SW	Texaco 1 Navajo-Z	614	1580-3200 3500-6987 cc 5185-5274, 5490-5502	6997
1-82	41N-31E-	7	SE NE	El Paso Natural Gas 7 Navajo (strat)	182	0-470	470
1-83		-18	SE NE	El Paso Natural Gas 2 Navajo (strat)	1513B	0-420	421
1-84		-19	NW NW	El Paso Natural Gas 3 Navajo (strat)	190	0-725	740
35		-19	SW NW	El Paso Natural Gas 1 Bita Peak-Navajo	176	230-5645	5648
					561	cc 5049-5223, 5530-5645	
1-85		-19	SW SE	El Paso Natural Gas 4 Navajo (strat)	175	0-605	683
1-86		-19	SW SE	El Paso Natural Gas 4X Navajo (strat)	180	5-690	690
<u>APACHE COUNTY - NAVAJO BASELINE (CANYON DECHELLY AREA)</u>							
499	4N- 7W-11		SW SW	Gulf Oil 1 Texaco-Navajo	1572	0-2374	2375
500		-36	SW SW	Gulf Oil 1 Navajo-BW	1575	0-2030	2032
477	6N- 6W-20		NW NW	Union Oil 1 Navajo	1485	34-2799	2800
448	6N- 7W-26		NE NE	Texaco 1 Navajo-BF	1455	0-2805	2825
496		-32	NE NE	Gulf Oil 1 Anadarko-Navajo	1577	0-2778	2778
453	6N- 8W-26		SE SE	C J Little 1 Bear Springs-Navajo	1427	0-2314	2322
534	6N-10W-14		SW NW	Union Texas Petroleum 1-14 Navajo	1622	0-3100	3101
432	7N- 7W- 7		SW SE	Depco 1 Navajo	1793	434-2800	2800
480		-15	SE SE	E F Doherty 1-13 Navajo	1505	0-3000	3001
430		-26	NW NE	Texaco 1 Navajo-BC	1428	0-2937	2937
428		-32	NW SE	Pan American Petroleum 1 Navajo-AB	1641	50-2415	3020
437	7N- 8W- 4		NE NE	Gulf Oil 1 Navajo Agua Sal-Navajo	1642	30-140 310-70, 490-2650	2656
466	7N- 9W-14		SE SE	Buttes Gas & Oil 1-14 Navajo	1460	260-2700	2701
531	7N-10W- 1		NW NW	Union Texas Petroleum 1-1 Navajo	1629	210-3435	3435
529		-17	SE SE	Union Texas Petroleum 1-17 Navajo	1627	250-3970	3970
<u>COCHISE COUNTY</u>							
981	12S-24E-20		NE NW	Willcox Greenhouse 1 Greenhouse	1925	2000-4000	4000
23a	13S-22E-33		NE SE	Lloyd Duncan 1 State	401	5-590	1435
					1630	350-1340	
2-3	13S-24E-23		SW SE	Waddell-Duncan 1 McComb	1631	216-2760 3970-4500, 6593-6840	6865
2-4	13S-28E-16		SE NW	Bowie Oil 1	1637	3700 & 3800	4110
887	13S-30E-27		NW NW	Arzon Corporation 1 State	1879	35-8950	8950
2-6	13S-31E-31		SE NE	Fitzwater 1 Thayer	1632	3650-4095	4440
2-8	14S-24E-30		SE SW	Francis Brothers Oil 1 Proctor	1633	3040-4605	4605
21	14S-30E-36		NE NE	Arizona Oil & Gas 1 State	1636	0-7579	7579
48	16S-31E-10		NE NE	L A Thomson 1 State	1543	1800-5434	5434
794	20S-20E-16		NE NE	Phillips Petroleum Huachuca Al State	1831	cc 1885-97, 1899-1906, cc 4295-4305, 5757-81, cc 8500-13	8513
716	20S-23E-14		SW SW	Phillips Petroleum Tombstone Al State	1821	70-9300	10561

O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE		SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>COCHISE COUNTY (continued)</u>						
833	21S-23E- 4	SE	SE	Bedrock Oil 1 State	1844 0-2880	2880
<u>COCONINO COUNTY - Townships North - Ranges East</u>						
222	21S-23E-17	SE	SE	R B Moncrief 1 State	702 1445-2425	2446
93	-19	NE	SE	J M Fraser 1 State	667 0-675 1470-1845	1903
34	21S-24E- 5	NE	NE	Southwest Oil 1 Davis-Clark	398 470-3400	3570
212	- 5	NW	SE	R B Moncrief 1 Davis-Clark	701 300-2120	3523
12	21S-25E-25	SE	NE	Elmer R Allen et al 1 Davis	1687 0-5440	5450
224	-25	SE	NE	R B Moncrief 1 Davis	1261 880-4024	4024
2-24	22S-27E- 5	SE	NW	Waddell-Duncan 1 Murray	1638 0-2875	4400
793	23S-29E-14	NW	NW	Phillips Petroleum Douglas Al State	1833 cs 4448-61, 6055-59, cs 7027-54	7058
714	23S-30E- 8	NE	NE	Union Oil 80-1 State (geothermal)	1813 0-710	715
564	24S-31E- 2	NE	SW	Guadalupe Exploration 1 State	1686 80-5679	5679
464	14N-11E-10	NW	SW	Eastern Petroleum 1 Federal-Moqui Bardo	1469 215-3681	3691
71	14N-14E-30	SW	NE	Monsanto 1 Cabin Wash-Federal	364 8-3811	3811
498	17N- 6E- 6	SE	SE	A A Hopkins Jr 1 Jordan (strat)	1608 50-1254	1254
667	17N- 9E-11	SE	NW	Wichita Industries 1-11 Federal	1770 0-360 820-4187	4188
661	19N- 7E- 1	SE	SE	Wichita Industries 1 Federal	1769 0-3512	3512
72	19N-10E-24	SE	NW	Western Oil & Minerals 1 Federal	608 3-2455	3020
376	-24	SE	SW	Sidney Steinberg 1A Flowalt-Babbitt	1384 2270-6500	6500
886	19N-13E-26	NW	NE	The Townsend Company 26-1 State	1878 0-2960	2960
313	20N- 5E-24	SW	NW	George E. Willett 1 State	1381 22-3775	3781
240	20N-10E-26	NW	SE	James Pickett 1 Padre Canyon-State	1271 150-3595	3596
186	20N-11E-12	NE	NW	Roy Owens 1 Diablo Amarillo	691 0-2900 cc 3352-91	3628
3-2	22N-10E- 3	SW	NE	Flagstaff Assoc 1 Joe Kellum	72 600-2255	2278
922	27N- 9E- 9	NE	SW	McCabe Energy 1 Babbitt	1907 1600-3356	3445
3-3	15	SW	SW	Barron-Steele 1 Babbitt	119 10-2165	2165
914	-15	SW	NW	Clayton Williams Energy 1 Babbitt	1900 0-4350	4350
3-4	-21	NE	NE	L M Lockhart 1 Babbitt	48 74-930 2750-3623 cc 2050-3598	3624
474	29N-14E-11	NW	NW	Pennzoil 1-11 Hopi	1457 0-6940	6940
321	29N-15E- 6	NW	NW	Moore Moore & Miller 1 Hopi	1797 1000-6998	6998
3-5	34N- 8E-35	NE	SE	Collins Cobb 1 X & 1 XX-3 (was sample #91)	1871 560-3430	3432
3-6	37N-14E-28	N2	NE	Sinclair Oil & Gas 1 Navajo	114 0-7210	7210
275	39N- 2E-32	NE	NE	Rip C Underwood 1-32 Jacob Lake-Fed	1246 0-3830	3868
814	41N- 1E-19	SW	NW	Shields Exploration 1-19A Federal	1852 90-500	500
853	-19	SW	NE	Shields Exploration 2-19 Federal	1870 0-3756	3756
831	41N- 2E-13	E2	E2	Gary Drilling Buckskin Mtn 1-13 Fed	1843 0-460 590-600	700
856	-32	SE	SE	Medallion Oil Co. 1-21 Federal	1860 28-4016	4016
<u>COCONINO COUNTY Townships North - Ranges West</u>						
47	25N-8W-34	NE	NE	Ray Terry Oil 1 State	1524 0-1940	1943
6	28N-1W-35	SW	NE	Sinclair Oil & Gas 1 Santa Fe Pacific	126 0-2180	3544
					1517 2206-3360 (some gaps) 3510-30 cc 2891-2932	
816	41N- 1W-23	NW	SE	Shields Exploration 1-23 Federal	1851 90-550	550
817	-24	NE	NW	Shields Exploration 11-24 Federal	1851 90-540	540
772	-24	NE	SW	Shields Exploration 4-24 Federal (strat)	1836 0-730	750
774	.24	NE	SW	Shields Exploration 5-24 Federal (strat)	1837 0-480	480
703	-24	NW	SE	Travis Oil 1-24 Federal	1811 0-900	900
771	-24	NW	SE	Shields Exploration 2-24 Federal (strat)	1835 0-500	500
715	-24	NW	SE	Shields Exploration 1-24 Federal (strat)	1817 0-455	482
775	-24	NW	SE	Shields Exploration 6A-24 Federal (strat)	1838 0-490	491
859	-24	SE	NE	Shields Exploration 12-24 Federal)	1873 0-4900 5010-5436 cc 4968-4998	5436

O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>GILA COUNTY</u>					
838	4N-12E-4	SE NW Sanchez O'Brien 1-4 Federal	1849	600-3494	3494
585	5N-17E-31	NW NE Astro-Tex Oil 1 Federal	1715	0-2105 cc 1960-2105	2105
<u>GRAHAM &amp; GREENLEE COUNTIES</u>					
929	4S-30E-18	NE SW APS TG 1-05 fee	1909	40-540 wc 555-635	635
931	4S-30E-19	NW NW APS TG 3-05 fee	1910	120-320 wc 337-1000	1000
620	5S-24E-16	NW SW Nix Drilling 1 State (geothermal) Bureau of Geology & Mineral Tech Heat-Flow Project	1809	0-700	700
779	8S-26E-31	SE SW SE HF-10	1834	0-160	160
780	-34	SW SW SW HF-5	1834	0-210	213
781	9S-26E-8	SE NE NW HF-1	1834	0-200	206
782	-9	NW NW NW HF-3	1834	0-200	200
783	-9	SW NW SW HF-4	1834	0-210	210
784	.10	SW SE NW HF-6	1834	0-180	200
785	-15	SW SE NW HG-7	1834	0-210	213
786	-17	NE NW NW HG-2	1834	0-200	200
798	16	NW NE Phillips Petroleum Safford Al State	1829	cs 6090-91, 8330-02, cs 8501-07	8509
249	11S-22E-2	SE SE Ram Oil 1 Sierra Bonita	1345	180-1815	1823
<u>MARICOPA COUNTY - Townships North - Ranges East</u>					
7-4	2N- 4E-30	SE SW S P Newcom 1 Langley	1651	745-920	920
7-8	4N- 4E- 8	SE SW Paul Biery 1 State	1788	0-5390	5396
14	5N- 3E-14	NE NW Landrum-Gabrielson 14-1 State	1790B	790-1136	1146
16	5N- 4E- 7	SW NE Landrum-Gabrielson 1 Salyer	1790A	398-1040	1040
<u>MARICOPA COUNTY - Townships North - Ranges West</u>					
7-13	1N- 4W-34	NE NW Reaves Oil 1 Fuqua	1653	1735-3845	4117
617	2N- 1W- 2	SW NW Calif Liquid Gas Storage Well 1 Roach-Baker	1726	100-1030	3224
548	- 2	NW SW Southwest Salt 2 Roach-Baker (strat)	1681	0-1070	3425
866	-19	NE NE Bob James Suncor No. 1-19	1867	0-4000	4000
911	19	NE NE Copper Eagle Gas Storage 1-19 SunCor	1897	120-8307	8307
877	-23	SW NE Arrowhead Oil & Gas 32-23 Suncor	1874	400-6650	6650
912	2N-2W-12	NE SE Copper Eagle Gas Storage 1-12 Kakerlee	1898	124-8334	8334
909	-24	SW SW Copper Eagle Gas Storage 1-24 SunCor	1896	80-6050	6053
803	5N- 3W-28	SE SE Tri Oil 78-28 State	1841	310-4540	4540?
773	-34	SW NW Salt River Basin Fletcher 1 Federal	1822	40-3980	3980
<u>MARICOPA COUNTY - Townships South - Ranges East</u>					
611	2S- 6E- 1	SE NE Geothermal Kinetics 2 Power Ranches	1735	0-10454	10454
605	- 1	NE SE Geothermal Kinetics 1 Power Ranches	1727	1450-9207	9207
<u>MARICOPA COUNTY - Townships South - Ranges West</u>					
573	2S- 9W-30	SW SE P & H Development 1 Federal	1699	0-1690	1700
<u>MOHAVE COUNTY</u>					
867	26N-16W-16	NE NE TranAm Energy 1 Red Lake	1872	0-2470	2470
542	-22	SW SW El Paso Natural Gas 1 Red Lake-Fed (strat)	1682	0-5900	5994
913	27N-17W-13	NE SE Red Lake Gas Storage 1-D Red Lake-(strat)	1899	930-3160	3163
706	36N- 9W-30	NE SW Gulf Oil Cordillera BJ 1 Federal	1815	100-5961 cc 3262-4142	5961
879	37N-12W-15	SE SE Medallion Oil 1-15 Federal	1876	400-5003	5000
43	38N- 5W-31	NW SE Western Drilling-Valen Oil 1 Federal	603	0-4662	4666
53	38N- 7W-17	SW SW Roger A Fields 1X Federal	338	25-1159	1780
502	-29	NW NE James J Harris 1 Federal	1616	678-1115	1115
705	38N-10W-17	SW NE Home Petroleum 17-1A Federal	1812	70-3120	3125
713	39N- 5W-10	NW NE Copaquen Pipe Valley 1A-10 Federal	1823	0-1286	1600
42	39N- 6W-14	SW NW Paul Poteet & Tony Lyons 1 Federal	1550	0-2300	2303

O&GCC NUMBER	LOCATION			OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>MOHAVE COUNTY (continued)</u>							
56	39N- 6W -35	NE	SW	Tony Lyons 1 Federal	365	0-135 885-1820	1820
347	39N- 7W- 2	NE	SE	Skelly Oil 1 Federal-A	1388	0-4030	4031
114	39N-13W-35	SE	SW	Tennessee Gas Transmission 1 Schreiber-Fed	611	130-4015	4015
40	40N- 6W-12	NW	SW	T W George 1 Federal	1311	0-2202	2202
813	-26	NW	NW	Brooks Exploration 1-26 Federal	1842	100-6920	7070
846	-27	NE	NE	Brooks Exploration 1-27 Federal	1856	0-2500	2500
33	40N- 8W-28	SE	SW	Falcon Seaboard - Valen Oil & Min 1 Fed	11	200-3739	3753
677	40N- 9W-18	NE	SW	Pyramid Oil 2 Federal	1787	1500-4500	4509
676	41N- 9W-28	NE	SE	Pyramid Oil 1 Federal	1786	0-4150	4150
889	41N-11W-10	NE	SE	Premco Western 1-10 Federal	1883	20-1025	1100
699	41N-16W-16	C	N2	Murel Goodell Basin 1 State	1808	30-300 350-450, 610-900	900
<u>NAVAJO COUNTY</u>							
369	10N-19E-15	NW	NW	Tenneco Oil 1 Federal	1390	60-1840	1840
368	10N-21E-31	NE	SE	Tenneco Oil 1X Fort Apache	1391	430-4059	4059
835	11N-22E-29	SW	SW	Resource Operating, Inc. 1 Federal	1853	0-4155	4155
374	12N-17E-18	SE	SE	Tenneco Oil 1 Federal-A	1387	0-1700	1700
76	12N-23E-25	SW	NE	Pan Amer Pet 1 New Mexico Arizona Land-B	375	110-4497	4497
					585	cc 1473-1508, 1809-24 ; cc 1874-1909, 4079-87	
654	13N-18E- 8	NE	SE	Morton Brothers 8-1 Federal	1749	146-3643	3646
9-1	13N-20E- 3	SE	SE	Phil D Lynch 1 Aztec Land & Cattle	27	90-3100	3140
154/175	14N-18E-12		NW	California Oil 1 and 1A State	1656	cc 141-2947	2947
291	14N-19E-35	NE	NE	Taubert & Steed 1 Babbitt Bros	1281	100-3822	3822
659	14N-20E- 8	SW	NE	Webb Resources 8-1 New Mex & Ariz Land	1765	0-3608	3608
660	-29	NW	SE	Webb Resources 29-1 Rocking Chair Ranch	1768	700-3394	3394
61	-33	C	NE	Lydia Johnson 1 Aztec Land & Cattle	1490	0-3733	3746
9-3	-33	NE	SE	L M Lockhart 1 Aztec Land & Cattle	37	10-3560	3734
					554	cc 1678-3734	
662	14N-21E-30	SW	NW	Webb Resources 30-1 New Mex & Ariz Land	1767	0-3804	3804
658	14N-22E- 6	NE	SE	Webb Resources 6-1 New Mex & Ariz Land	1763	0-3620	3631
9-5	15N-18E-19	NE	NE	Union Oil-Cont Oil 1 Aztec Land & Cattle	21	40-1530	3850
					557	cc 1698-1713, 3357-86	
9-8	15N-19E-34	SW	NE	Union Oil-Cont Oil 1 New Mex & Ariz Land	558	30-3508	3609
343	15N-22E- 3	NE	NE	Arkla Explr 55 New Mex & Ariz Land (strat)	1495	0-610	975
323	15N-23E-10	SW	NE	Arkla Explr 7 State (strat)	1352	0-1060	1060
86	16N-18E- 9	SW	NE	Pan American Pet 1 Aztec Land & Cattle-B	374	100-3936	3936
					584	cc 1812-63, 3650-82	
85	16N-20E- 5	SE	NE	Pan American Pet 1 Aztec Land & Cattle-A	379	10-3370 3540-3686, 3720-4000	4003
					589	cc 1529-77, 1721-71, cc 3297-3322, 3686-97	
329	16N-22E-16	SE	NE	Arkla Explr 64 State (strat)	1374	0-580	3380
362	-23	NE	SE	Arkla Explr 19 New Mex & Ariz Land (strat)	1796	40-890	945
328	-27	NE	SE	Arkla Explr 77 New Mex & Ariz Land (strat)	1363	0-600	1000
357	16N-23E- 5	SW	NW	Arkla Explr 15 New Mex & Ariz Land (strat)	1510	40-975	1157
342	-13	NW	NW	Arkla Explr 16 New Mex & Ariz Land (strat)	1493	0-1010	1430
358	-18	SW	NW	Arkla Explr 25 State (strat)	1501	50-972	1100
359	-27	SW	SE	Arkla Explr 10 New Mex & Ariz Land (strat)	1509	70-820	1009
336	-28	SW	SE	Occidental Petroleum 1 State (strat)	1359	0-1030	1035
338	-30	SE	NW	Occidental Petroleum 2 State (strat)	1360	0-960	960
555	-34	NW	NE	R W Little 1 State	1683	0-1004	1006
532	17N-21E- 6	SE	NE	Aritex Development 2 Fee Strat	1621	50-1140 cc 1005-1110	1140
530	- 6	NE	SE	Aritex Development 1 Fee Strat	1609	130-1100	1100
331	17N-22E-21	NW	SW	Arkla Explr 33 New Mex & Ariz Land (strat)	1496	0-1140	1142
334	-24	NW	SW	Arkla Explr 7 New Mex & Ariz Land (strat)	1508	0-1270	1275

O&GCC NUMBER	LOCATION			OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>NAVAJO COUNTY (continued)</u>							
326	-36	NW	SW	Arkla Explr 3 State (strat)	1364	0-820	1170
337	17N-23E- 5	SE	SW	Arkla Explr 6 New Mex & Ariz Land (strat)	1507	0-1330	1635
361	- 8	SW	SE	Arkla Explr 44 New Mex & Ariz Land (strat)	1604	50-1260	1331
335	-19	NE	NE	Arkla Explr 36 New Mex & Ariz Land (strat)	1372	0-1090	1473
333	-29	SE	NE	Arkla Explr 39 New Mex & Ariz Land (strat)	1351	0-980	1340
364	17N-23E-31	SW	SW	Arkla Explr 20 New Mex & Ariz Land (strat)	1492	100-970	1029
83	18N-20E-28	SW	NE	Arrowhead Oil & Gas-Besoyan Bros 1 State	694	0-1740	1987
977	-30	NW	SE	APS Cholla CO2 Test 1 Fee	1924	50-3853	3853
470	-31	SE	SE	G B Cree Jr 1 Hunt	1453	0-1545 cc 1545-1605	1615
54	-31	SE	SE	Besoil 1 Hunt	1670	55-900	1683
460	-33	SW	SW	G B Cree Jr 1 Scorse	1436	0-3570 cc 1559-1648	3585
55	-33	SE	SW	Besoil 1 Perkins	699	0-465	485
340	18N-23E-18	NE	SW	Arkla Explr 24 New Mex & Ariz Land (strat)	1499	0-900	1560
360	-21	NE	NE	Arkla Explr 23 New Mex & Ariz Land (strat)	1500	0-1400	1919
26	19N-22E- 1	NW	SW	Hager Mills & Landrum 1 Santa Fe	129	0-1180	1182
9-28	19N-23E- 6	SW	NW	General Petroleum 14-6 Creager-State	124	50-3430	3432
9-30	-36	SW	SW	Duval 29 State (strat)	1313	0-700	1454
656	20N-15E-25	NE	SE	Webb Resources 25-1 New Mex & Ariz Land	1753	0-3795	3797
211	20N-21E- 4	NW	SE	Linehan & Stoltenberg 1 Matthews-State	1173	120-965	965
1095	20N-21E-27	NE	NE	Triomphe Energy 1 Triomphe Fee	1930	60-4000	4521
231	21N-18E-35	SW	NW	Peak Petroleum 1 New Mex & Ariz Land (strat)	1268	400-1350	1350
307	26N-16E-15	NW	NW	Texaco 1 Hopi-A	1366	0-5870 cc 5830-5906	5915
312	28N-15E- 9	SW	SE	Atlantic Refining 9-1 Hopi	1358	10-6640	6640
310	29N-19E- 8	SE	NE	Amerada Petroleum 1 Hopi	1370	0-7750	7750
309	30N-17E-35	SW	NE	Skelly Oil 1 Hopi-A	1355	200-2700 2800-7780	7780
580	36N-18E-20	SE	SW	R Y Walter & Petrofunds 1A Navajo	1694	580-1244	1258
283	38N-19E-24	SE	SW	Tenneco Oil 1 Navajo	1286	0-7400	7400
281	38N-21E-29	NE	NW	Superior Oil 21-29 Navajo-W	1367	5770-7207	7207
270	39N-21E-36	NE	NW	Texaco 1 Navajo-AM	1283	1110-7182 cc 6852-6912	7182
13	42N-18E-34	SW	SE	Texaco-Skelly-Sinclair 1 Navajo-A	16	10-2560	4523
<u>PIMA COUNTY - Townships South - Ranges East</u>							
10-1	12S-11E- 6	SW	NE	Eloy Development 1 State	1679	576 600 2200-4800	4950
597	16S-15E- 5	NE	SW	Humble Oil & Ref (Exxon) 1 State-32 (strat)	1724	230-12556	12571
797	17S- 8E-36	NW	SE	Phillips Petroleum Redondo A1 State	1830	cs 9000-11	9021
796	17S-15E-10	SW	NE	Phillips Petroleum Mtn View A1 State	1840	cs 8325-27, 8329-32	8333
3	18S-18E-33	N2	S2	Cienega Basin Oil & Gas 1 State	1648	170-590 (some gaps)	2760
219	19S-18E-29	NE	NE	Mountain States Exploration 1A State	1277	45-4410	4410
<u>PIMA COUNTY - Townships South - Ranges West</u>							
709	12S- 6W- 9	SE	NE	NANOLTEX JPAZA 1 Federal	1814	0-1044	1044
<u>PINAL COUNTY</u>							
5B	1S- 8E-17	SE	SE	Robison & Mason Drilling 1 Nichols-State	1674	1000-1790	2836
11-2	2S-10E-32		SW	East Lantron 1 State	1646	795-870 905, 980, 1007	1020
15	5S-10E-31	SW	SW	Western Oil Fields 1 Federal	1647	1930-5140	5142
622	7S- 8E- 8	SE	SW	Geothermal Kinetics-Amax Expl 1 Pima Farms	1747	925-8024	8024
925	-11	SW	NE	El Paso Natural Gas 1-11 State	1906	1000-3170	3170
926	-20	C	NE	El Paso Natural Gas 1-20 State	1905	90-3316	3316
933	-21	SW	NW	El Paso Natural Gas 1-21 AGS	1908	95-8784	8784
923	-27	SE	SW	Unocal Picacho 1-27 City of Mesa	1903	57-1677 cc 1709-4893 selected	4895
702	7S-10E- 2	NW	SE	Anschutz Texoma 1-10-2 (Phillips Pet Al) State	1818	210-17960 cc 17983-92	18013
583	8S- 8E- 2	NW	SE	Humble Oil & Ref (Exxon) 1 State-74 (strat)	1722	46-10179	10179
11-15	8S-16E-25	SW	SE	Santa Maria Exploration 1	1649	0-2144	2144
858	9S-12E- 2	SW	SW	Apollo Oil Corp. 1 State	1863	0-160	168

O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE		SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>SANTA CRUZ COUNTY</u>						
707	20S-17E-12	NE	NE	Ralph Whitmore et al 1 State	1820 10-2850	2850
<u>YAVAPAI COUNTY - Townships North - Ranges East</u>						
13-11	14N-4E-35		N/A	JRB Enterprises 1 Copper Canyon (geothermal)	1862 0- 900	1000
<u>YAVAPAI COUNTY - Townships North - Ranges East (continued)</u>						
96	16N-4E-20	NW	NW	Cottonwood Oil 1 State	599 8-1255	1485
169	17N-4E- 4	SW	NW	Richard F Harless 1 Federal	1269 70-1344	1762
293	- 5	NE	SW	Yucca Petroleum 1 Crary	1289 120-800 cc 1655-60	1663
493	17N-5E- 8	W2	NW	A A Hopkins Jr 1 Coconino Cattle (strat)	1474 0-1195	1195
551	-16	SE	SW	Cathedral 1 Federal	1666 0-1015	1015
492	-34	SW	NW	A A Hopkins Jr 1 Frye (strat)	1607 20-1405	1405
830	18N-4E-28	SW	NE	Golden Sun Investment 1-28 Federal	1848 0-1490	1490
550	18N-4E-34	NW	NE	C F Cope (Kino oil) 1 Bradshaw	1693 100-3203	3206
458	18N-5E-28	SE	NE	A A Hopkins Jr 28-1 Federal	1439 0-1308	1308
487	-31	SE	SE	A A Hopkins Jr 1 Hallermund (strat)	1471 0-1215	1215
495	-34	NE	NW	A A Hopkins Jr 34-2 Federal	1620 20-1217	1217
469	-34	SW	NW	A A Hopkins Jr 34-1 Federal	1451 0-500	500
479	-34	SW	NW	A A Hopkins Jr 34-1X Federal	1456 0-1138	1138
482	-34	SW	NW	A A Hopkins Jr 34-1Y Federal	1795 20-1150	1150
<u>YAVAPAI COUNTY - Townships North - Ranges West</u>						
533	10N-10W- 3	SE	NE	El Paso Natural Gas I Bullard Wash-Federal (strat)	1628 0-3830	3831
589	- 3	SE	NE	Brown & Thorp oil I Bullard Wash-Federal (strat)	1720 3833-5685	5687
795	14N- 6W-31	SE	SE	Phillips Pet Kirkland AI State (AZGS has cuttings)	1839 cs 1118-27, 5187-91, 6500	6500
13-4	18N- 2W-20	NE	SW	Chino Valley Oil Development 1 Walton-State	3 800-2060	2060
332	-26	NW	NW	O'Donnell & Ewing 1 Federal	1356 60-460 640-60, 920-1190	1205
141	20N- 3W-23	SW	NW	Sierra Drilling 2 Campbell	666 60-1140	1155
133	-23	SW	SW	Sierra Drilling 1 Campbell	624 70-400 660-970	1182
<u>YUMA COUNTY</u>						
588	3S-11W-25	NW	SE	Humble Oil & Ref (Exxon) 1 State-14 (strat)	1723 40-2653 cc 2599-2628	2653
156	7S-13W-16	NE	NE	Keoughan Drilling (Desert Drilling) 1 State	1270 1300-2400 5000-6760	6767
45	8S-22W-15	NE	SE	Gila Valley Oil & Gas 1 Kamrath	596 0-2137	2140
572	9S-19W-23	NE	SW	V R Smith 1 State	1685 0-3980	3986
851	9S-23W-32	SE	SE	Central Oil 1 MCP Blank	1859 500-2540	2540
850	10S-23W- 5	SE	NW	Contender (Central) Oil 1 Aman	1858 702-2868	2850
708	-23	SE	SE	An-Son 1 State	1816 0-2883	2883
837	-34	NW	NW	Dowling Petroleum 1 State	1847 0-2900	2925
840	-34	NW	NW	Dowling Petroleum 1A State	1846 2900-5010	5006
27	10S-24W-24	NW	SW	Colorado Basin Assoc 1 Federal	1662 2600-6012	6015
9	-35	NW	NW	J M Hickey 1 Federal	1671 560-880	940
864	11S-23W-26	SE	NE	Petrol. Tech. Service 26-1 Federal	1866 316-9135	9135
863	11S-24W- 4		C	Petrol. Tech. Service 4-1 Federal	1865 315-7000	7000
604	- 8	SW	NE	Exxon 1 Yuma-Federal (strat)	1725 230-11444	11444

May 2015 (1933)

**Table 2. Wells drilled for water**

O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>APACHE COUNTY</u>					
221	8N-29E -7 SW NE	Arizona Came & Fish 1 Eager	1465	3-1525	1525
9	12N-26E -18 SW SE	U S Bur Sport Fisheries & Wildlife	1466	0-900	903
12	12N-28E -7 SW	Lyman Water Company	359	0-600	720
19	14N-24E -12 NW	Dol Ward	209	30-380	400
28	22N-28E -34	Tribal 18K-335 (location approximate)	220	0-745	748
30	22N-30E -12 NE	Tribal 18T-339	4	1-1000	1000
39	24N-26E -9	Tribal 17K-355 (possibly section 9)	58	0-1838	1838
179	24N-27E -3	Tribal 17T-368	275	0-605	605
42	25N-25E -24	El Paso Natural Gas Navajo	94	0-2175	2306
44	25N-26E	Tribal 17T-369	131	0-315	315
46	25N-28E -3	Tribal 17K-362	261	0-580	591
48	26N-24E -12	Tribal 17K-373	299	0-490	500
188	26N-30E -22	St Michaels School (possibly section 23 or 24)	13	0-375	375
60	27N-22E -11	Tribal 7K-365 (location approximate)	432	0-500	500
67	27N-31E -18	Ft Defiance Consolidated School	229	0-900	901
70	28N-25E	Tribal 17T-354 (Balaika)	47	0-1827	1860
95	33N-23E -21	Tribal 4T-386 (location approximate)	243	0-900	902
96	33N-25E -29	Tribal 10T-514A (location approximate)	518	1230-1300	1700
122	35N-29E	Lukachukai Day School 11Y-234	46	0-900	900
137	37N-27E -24	Tribal 11K-238 (location approximate)	152	0-1370	1377
140	38N-27E	Tribal 9T-222	216	0-840	853
148	40N-28E -32	Tribal 9K-216 (location approximate)	223	0-700	700
150	40N-30E -3 NE NE	Teec Nos Pos School 7	1462	0-1150	1170
<u>NAVAJO SURVEY</u>					
207	3N- 5W -12	Tribal 18T-337 (location approximate)	7	0-489	489
89	5N-10W -15	Tribal 10K-232	73	226-280	280
100	6N- 6W -16	Tribal 11T-500	404	50-682	682
88	6N- 9W -31	Tribal 10K-236	287	0-526	526
260	7N- 9W -35	Tribal 11K-237	32	0-510	517
<u>COCONINO COUNTY - Townships North - Ranges East</u>					
4	14N-11E -9 SE NE	Blue Ridge Maintenance Camp	1412	10-660	670
5	-9 SW	U S Forest Service Timber Ridge Station	353	0-670	670
12	19N-14E -4 NW NW	New Winslow Job Corps	1413	0-600	600
18	21N- 6E -11	USN Navajo Ordnance Depot	49	5-1647	1654
21	-35	El Paso Natural Gas 4 Woody Mtn Flagstaff	327	0-450	1540
				630-700	
				810-1250	
				1430-1530	
177	-35 NW SW	City of Flagstaff 1 Woody Mountain	227	0-1590	1600
150	21N- 9E -10 NW NW	Wilbur Carlos 2 Bar-3	1414	0-1320	1338
27	21N-12E -17 SE NW	Tribal 5K-316	360	0-590	717
29	21N-14E -10	Tribal 5K-313	228	0-540	540
30	22N- 3E -10 NW NE	El Paso Natural Gas 1 Williams	63	0-460	2340
32	22N- 5E -26 SE NE	El Paso Natural Gas 5 Williams	45	460-2350	2350
163	22N- 6E -26 NE NE	City of Flagstaff (Fort Valley)	2	0-1021	1542
			508	1021-1542	
39	22N- 9E -29 NE NW	Crisp 1	339	0-1420	1450
180	25N- 2E -27 NW NE	Black Mesa Pipeline 1 Station 3	1701	0-3670	3685
54	25N- 6E -20 NW NW	Cedar Ranch	494	35-430	437
55	25N-10E -30 SW NW	Wupatki National Monument	381	0-900	904
173	27N-1E -29 SW	Smith Ranch 3	194	10-1460	1470
192	28N-8E -25 SW NW	Black Mesa Pipeline 1 Station 2 Gray Mtn	1712	0-1280	1292



O&GCC NUMBER	LOCATION	OPERATOR, NUMBER AND LEASE	SAMPLE NUMBER	SAMPLE INTERVAL (Feet)	TOTAL DEPTH (Feet)
<u>COCONINO COUNTY - Townships North - Ranges East (continued)</u>					
157	28N-9E -35 NE NW	Tribal 3K-331	177	0-650	828
66	29N-1E -29 NW	Cataract Livestock 1 Anita	265	0-105	1275
174	-29 SW SE	Cataract Livestock 2 Anita	268	0-1130	1130
243	33N-8E -7	Tribal 3K-340	421	0-1292	1292
102	37N-8E -23	Tribal 1K-231	288	0-1200	1200
245	39N-10E -5	Tribal 1K-223	221	0-510 780-1417	1417
<u>COCONINO COUNTY - Townships North - Ranges West</u>					
190	28N- 3W -12	S P Ranch	1215	0-1400	1400
<u>NAVAJO COUNTY</u>					
35	13N-21E -29 NW NW	Southwest Lumber Mills 2	439	0-700	700
44	14N-23E -19 NE NE	Manny Foster 2	52	0-406	408
379	15N-23E -4	Francis Dobell 2	503	30-300 410-520	522
374	17N-21E -18 NE SW	Navajo Country Club	1736	0-500	500
63	18N-19E -16 SE SE	Burr-Webb	255	265-450	450
94	21N-18E -1	Tribal 7K-356A	251	0-100 150-1844	1844
103	24N-18E	Tribal 7K-354	40	0-700	700
125	28N-19E -29	Tribal 6K-306	62	0-660	710
126	28N-20E -4	Tribal 6K-320	143	10-1030	1032
134	29N-16E	Hotevila School	532	0-200 1310-70	1370
191	38N-19E -11	Tribal 8K-416	75	0-807	807
193	38N-21E -24	Tribal 8K-420	95	0-900	900
196	39N-16E -14	Tribal 2K-305	44	0-750	804