

Preliminary List
of
HOLES DRILLED TO BASEMENT OR DEEP INTO ARBUCKLE STRATA
IN
NORTHERN OKLAHOMA

(Tests prior to 1945 taken from H. A. Ireland, 1955, Pre-Cambrian surface in northern Oklahoma and parts of adjacent states: Amer. Assoc. Petroleum Geologists, Bull., vol. 39, p. 468-483.)

Compiled by Louise Jordan, Oklahoma Geological Survey

and

Frederick J. Smith, Sinclair Oil & Gas Company, Oklahoma City, August 1961.

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Pottawatomie	Denver Prod. & Refg. #1 Houk	1-6N-4E SENWNW	1939	990	5132 -4142		5678 -4688	546+	
Seminole	Bradley Prod. #1-S Shelton	33-7N-6E SENWSW	1953	884	5488 -4604		6533 -5649	1045+	
Hughes	Pan Amer. Petr. Corp. #2-A Mable Gardner	5-7N-8E SWNE	1958	942	5007 -4065		5700 -4758	693+	
LeFlore	Midwest Oil Corp. #1 Goldsborough	31-7N-23E SESWE	1961	522	13,222 -12,700		13,389 -12,867		
Hughes	Manahan Oil #5-S McGirt	1-9N-8E E/2SWW	1950	830	4821 -3991		6147 -5317	1326+	
Hughes	Manahan Oil #9-S Oliphant "B"	12-9N-8E NWNWNW	1951	869	4902 -4033		6144 -5275	1242+	
Seminole	Stekoll Petr. #1 Bruner	15-10N-8E CSWSW	1952	963	4696 -3733		5844 -4881	1151+	
Seminole	Manahan Oil #17-S Barnard-Dolton	36-10N-8E NWSNE	1951	842	4906 -4064		6253 -5411	1347+	
Muskogee	W. H. Carter #1 Highfill	5-11N-21E NESENE	1954	475±	2973 -1498±	4675 -4200±	4706	1702	
Okmulgee	Hamon & Cox #S-1 Doneghy	22-12N-13E NE SE SW	1953	627	3277 -2650		4819 -4192	1542+	
Okmulgee	Hamon & Cox #19 E. Reynolds	26-12N-13E SWSESW	1956	628	3209 -2581	4334 -3706	4358	1125	
Okmulgee	MidContinent #9 Daniels	12-13N-13E NWSW	1945	690	2740 -2050	3580 -2890	3593	840	
Okmulgee	Kingwood Oil Co. #4 Wiley	29-13N-14E CSWSE	1921	713	2920 -2207		4023 -3310	1103+	

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Muskogee	USSRAM Expl. Co. #1 Marshall	23-13N-19E NWNWSE	1958	601	?1800 ?-1199	3279 -2678	3294	?1479	
Muskogee	Blackwood & Schiltz #1 Burr	32-13N-19E NWSENE	1928	530	?2052 ?-1522		2075 -1545		
Sequoyah	T. J. Foster #1 Burke-Mabee	15-13N-25E SWSWNE	1959	1343		3195 -1852	3208		
Okmulgee	Texaco Fee NCT #2 Well #19	11-14N-11E SESWNW	1952	816	3002 -2186	3860 -3044	3867 -3051	841	
Okmulgee	Prod. & Refg. Co. #1 Phillips	29-14N-11E NENWSW	1920	678	3475 -2797		4112 -3434	637+	
Muskogee	M. E. Johnson #2 W. B. Harris	30-14N-19E SENWSE	1927	575±	1848 -1273±	?2024 ?-1449	2121	?176	
Wagoner	E. C. Lantz #1 R. L. Rulison	4-15N-18E NENWNW	1923	529	1565 -1036	2970 -2441	4605 -4076	1405	
Muskogee	W. H. Pine #1 Klein	32-15N-18E NENWSW	1952	635	1872 -1237	3481 -2846	3496 -2861	1609	
Muskogee	H. F. Campbell #1 Tilly	28-15N-19E SENWSW	1920	550±	1958 -1408±	3373 -2823±	3690	1412	
Muskogee	S. E. Cusack #1 Fee	20-15N-20E NESWSE	?	620±	421 +200±	1920 -1300±	1975	1499	
Creek	Sellers Petr. #2 Tarr	3-16N-7E SENENW	1961	1031	3121 -2090	4451 -3420	4505	1330	
Tulsa	Kewance Oil Co. #16 Stewart	4-16N-13E SENENW	1926	676	2080 -1404	2396 -1720	2398	316	
Okmulgee	Wood Oil Co. #1 Miller	32-16N-14E NESENW	1955	811	2570 -1759	3900 -3089	3915	1330	

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Wagoner	Magnolia Petr. Co. #11 Williams	10-16N-17E NESWNW		879	3080 -2201		4125 -3246	1045+	
Cherokee	Bracken Oil #1 Leon Davis	3-16N-22E SWSWSW	1957	834	465 +369		1450 -616	985+	OGS
Creek	Cosden Oil Co. #17 Barnett	22-17N-7E NENWSE	1921	1011	3055 -2044	3670 -2659	3704	615	
Creek	Prairie Oil & Gas #3 Letts	23-17-9E SESWSW	1923	832	3685 -2853	4325 -3493	4344	640	
Creek	Central Commercial #3 Hay	10-17N-10E SWNWSW	1937	793	3205	4278 -3485	4282	1073	
Creek	Gulf Oil Corp. #1-S Berryhill	17-17N-12E SENWNE	1955	720	2535	3923 -3203	3929	1388	
Creek	Sinclair Oil & Gas #2-1 W. B. Self	21-17N-12E NWNWNESE	1954	728	2688 -1960		3497 -2769	809+	
Tulsa	Wilcox Oil & Gas #1 Hulputta	27-17N-14E NWNWNW	1923	606	1955 -1349	3365 -2759	3400	1410	
Wagoner	J. H. Scriba #3 Cane	30-17N-18E NWNWSW		543	1350? -800?	1610 -1067	1740	260?	
Payne	Deep Rock Oil Co. #3 Little Chief	4-18N-5E NENWNE		818	3546? -2728?	3596 -2778	3600	50	
Creek	Cortez Oil Co. #4 McGilbra	2-18N-7E NWSWNW	1917	810	3692 -2882	73995 ?-3185	3995	303?	
Creek	Sand Springs Home #13 Atkins	4-18N-7E NESWNW	1925	825	2821 -1996	3640 -2815	3811	719	
Creek	Riverside #2 Yarhola	8-18N-7E NWSWSE	1927	748	2379 -1631	3793 -3045	3810	1414	

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Creek	McBride Inc. #1 Fee-SWD	8-18N-7E SW $\frac{1}{4}$	1955	772	2408 -1636		3693 -2921	1285+	
Creek	Nabob Oil #N-1 Fixico	17-18N-7E SWSWNE	1956	782?	2278 -1496?	3485 -2703?	3515	1207	
Creek	Alladin Petr. Corp. #2 Frailey "D"	22-18N-8E NWNWSE	1958	868	3660 -2792		4107 -3239	447+	
Tulsa	F. A. Baker #5 Fee	3-18N-12E CSLSWSE	1919	754	2264 -1510		3015 -2261	751+	
Creek	Gulf Oil Corp. #G26S, N. Glenn Unit #2	29-18N-12E SENWSE	1956	740	2487 -1747	3898 -3158	3904	1411	
Payne	Magnolia Petr. Co. #10 Main	34-19N-4E SWNWNW	1937	940	4114 -3174	4146 -3206	4151	32	
Payne	Wood Oil Co. #1 Curley Chief	33-19N-5E SWSWSE	1932	818	3716 -2898	3757 -2939	3792	47	
Creek	Magnolia Petr. Co. #4 Richards	32-19N-7E NWSSEW	1926	847	3020 -2173	3887 -3040	3960	867	
Creek	Wood Oil Co. #1 Doolin	2-19N-7E NWNWSE		815	3062 -2247		3636 -2821	574+	
Creek	John A. Riise #1-A B. W. Miller	13-19N-8E SWSWNW	1953	732	3144 -2412		3463 -2731	317+	
Creek	Wood Oil Co. #9 Bartlett	18-19N-9E CNE $\frac{1}{4}$	1956	805	3074 -2269	3665 -2860	3736	594	
Tulsa	Texas Co. #2 Scott	10-19N-10E SWNWSE	1927?	675	2520 -1845	2599 -1924	2606	79	
Tulsa	J. F. Sweeney & Co. #1 Husky	22-19N-11E CSWSW	1921	784	2265 -1481	2867 -2083	3071	602	

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Tulsa	Texas Co Tulsa Refinery	23-19N-12E CSENW	1930	635 \pm	2125 -1517 \pm	3435 -2800 \pm	3460	1283	OGS
Wagoner	Winter #1 Bilby	1-19N-15E NWSEW	1929	580 \pm	1280 -700 \pm	2700 -2120 \pm	2704	1420	
Mayes	C. L. Reed & Sons #1 A Koenig	27-19N-17E SESEWSE	1955	625 \pm	721 -96 \pm	2397 -1772 \pm	2415	1676	Shell
Cherokee	M & F Oil #1 Thompson	35-19N-21E CSENE	1961	800 \pm	300 \pm +500 \pm	1790 -990 \pm	1937	1490 \pm	
Cherokee	Cherokee Oil & Gas #1 Brixey	36-19N-21E NENENW	1919	800 \pm	1015? -215 \pm	2513 -1713 \pm	2857	1498??	
Cherokee	Gahoma Oil & Gas #1 Crittenden	35-19N-23E NENESW	1922	737	194 +569	1761 -1024	1831	1567	
Adair	Adair Oil & Gas #1 Brown	32-19N-25E NESEW	?	1125 \pm	485 +640 \pm	1395 -270 \pm	1430	910	
Pawnee	Tidal-Osage #8 Arnold	3-20N-8E NESEW	1926	901	3105 -2204	3208 -2307	3217	103	
Pawnee	Flight-Beacon #1 Yowell	9-20N-8E NWNWNE	1922	1028	3130 -1992	3130 -2102	3262	110	
Pawnee	Minnehoma #1 Richards	9-20N-8E NENWNE	1925	1019	2995 -1976	3058 -2039	3072	63	
Osage	Sunray Oil #S-1 SW $\frac{1}{4}$	4-20N-12E NENESW	1953	764	2034 -1270	2883 -2119	2893	849	
Osage	Sunray #S-2 SW $\frac{1}{4}$	4-20N-12E SW $\frac{1}{4}$	1955	862	2130? -1268?	2807 -1945	2868	777	
Osage	Gillespie & Son #21 Osage	8-20N-12E NENENE	1923	900 \pm	1989 -1089 \pm	2140 -1240 \pm	2145	151	

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Osage	Gillespie & Son #22 Osage	8-20N-12E CE $\frac{1}{2}$ NENE	1924	900 \pm	2002 -1102 \pm	2212 -1315 \pm	2220	213	
Osage	Gillespie & Son #24 Osage	8-20N-12E NWSENE	1943	900 \pm	1988 -1088 \pm	2198 -1298 \pm	2198 -210	210	
Osage	Keener Oil #1-A Osage	8-20N-12E NWSENE	1955	927	2156 -1229	2795 -1868	2802	639	
Osage	Keener Oil #29 Osage "A"	8-20N-12E NENENE	1958	915	2014 -1099	2158 -1243	2163	144	
Osage	Barnsdall Oil Co. #23 Osage	9-20N-12E CW $\frac{1}{2}$ W $\frac{1}{2}$ NW	1924	956	2104 -1148	2425 -1469	2435	321	
Osage	Winona Oil #27 Osage	9-20N-12E CW $\frac{1}{2}$ E $\frac{1}{2}$ NE	1952	726	2130 -1404	?2775 ?-2049	2820	645?	
Osage	DeMier Oil #1-A County Club	28-20N-12E CSEnw	1960	739	2014 -1275	2638 -1899	2652	624	
Osage	Fred DeMier #2-A East	28-20N-12E NWNWNE	1960	753	2048 -1295	2788 -2035	2810	740	
Tulsa	Dowell Inc. #1 Fee	31-20N-13E SWSenw	1953	727	2025 -1298	3296 -2569	3310	1271	
Rogers	J. W. Irwin #1 Cox	23-20N-14E NENESW	1922	756	1850 -1094	3190 -2434	3360	1340	
Rogers	#1 McAlester	24-20N-17E NENESE	?	640 \pm	462 180 \pm	1067? ?-427 \pm	1128	605?	
Rogers	Layne & Farnsworth #1 Fleming	35-20N-17E SWSenw	1921	672	255? +477?	495 +177	527	270?	
Mayes	Dixon #1 Drew	8-20N-19E SWNENW	1927	660 \pm	412 248 \pm	1302 -642 \pm	2395	890	

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Delaware	M & F Oil Co. #1 Ransom	18-20N-22E SWNWSW		1010±	?473 +?537±	2184 -1174	2215	?1711	
Osage	Gypsy Oil Co. #1 Bird	11-21N-7E SESENEW	1926	830	2900 -2070		3391 -2561	491+	
Osage	Lewis Oil Co. #1 Osage	3-21N-9E SWSWSW	1920	915		2757 -1842	2845	0	
Osage	Gled Oil Co. #2 Osage	9-21N-9E CSW	?	976	2549 -1573	2576 -1600	2607	27	
Osage	Moore Oil & Ohio Oil #24 Osage	9-21N-9E CN½SWSW	?	980		2536 -1556	2646	0	
Osage	Moore & Ohio Osage Oil #10 Osage	9-21N-9E SENEWSW	1951	920±		2571 -1651	2571	0	
Osage	Finance Oil & Gas Co. #34 Osage	19-21N-9E SESEWSW	1921	884	2932 -2048	3200 -2316	3203	267	
Osage	Gypsy Oil Co. #2 Osage	26-21N-9E SWNWNW	1924	877	2785 -1908		3360 -2483	575+	
Osage	F. DeMier #1-AZink (Osage) *	5-21N-11E N½SWNW	1961	893	2294 -1406	2924 -2031	2995	525	
Osage	Frank Breene Trust #2 Osage	30-21N-11E SESENEW	1925	907	2534 -1627		3070 -2163	536+	
Osage	Grimes-Gillespie #5 Osage	30-21N-12E NWNWSW	1936	720	2027 -1307	2060 -1340	2061	33	
Osage	Sunray Oil Corp. #S-2	30-21N-12E NE¼	1952	681	2030 -1349	?2900 ?-2219	2906 -2225	876?	

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Osage	Barnsdall Oil Co. #26 Osage	31-21N-12E NWNWE	1924	640	1965 -1325		2413 -1773	448+	
Osage	Hamon & Cox #14-S Osage	32-21N-12E CN $\frac{1}{2}$ ENE	1951	681	2041 -1360	?2965 ?-2284	2965 -2284	?924	
Tulsa	Superior Oil Co #1 Blakemore	26-21n-13E SWNWSW	1924	654		1363 -709	1462	0	
Tulsa	Superior Oil Co. #2 Blakemore	26-21N-13E NESWSE		660	1466 -806	1566 -906	1586	100	
Tulsa	Texaco #25 WS J.M. Adkisson	32-21N-13E CN $\frac{1}{2}$ NE	1960	622 \pm	1708 -1093 \pm	?2806 ?-2184 \pm	2806	?1098	
Rogers	N. M. Smith #2 Vierhiller	36-21N-16E SESENE	1961	650 \pm	824 -174 \pm	?2257 ?-1607 \pm	3109 -2459	?1433	
Mayes	Ward Fellabaum #1 Sullivan	10-21N-18E NWNWSW	1939	625 \pm	444 +180 \pm		995 -370	551+	
Pawnee	Magnolia Petr. Co. #1 Dawson	10-22N-4E NENENW	1927	1005	4245 -3240		4740 -3735	495+	
Osage	Arthur Silberman #9 Osage	9-22N-8E SESWNW	1954	980	2991 -2011		3850 -2870	859+	
Osage	Red Bank Oil #2 Little	14-22N-8E SWSENW	1923	861 \pm	2766 -1905 \pm	3422 -2592 \pm	3429 -2599 \pm	6.4	
Osage	Tidal-Osage #18 Wildhorse	32-22N-10E CE $\frac{1}{2}$ NE	1924	844		2217 -1373	2222	0	
Osage	Tidal-Osage #19 Wildhorse	32-22N-10E SESWNE	1924	857	2300 -1443	2387 -1530	2434	87	
Osage	Tidal-Osage #20 Wildhorse	32-22N-10E SWSENE	1924	854		2267 -1413	2290	0	

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Osage	Tidal-Osage #26 Wildhorse	33-22N-10E CW ¹ / ₂ NW	1926	829	2325 -1496	2668 -1839	2670	343	
Osage	Bay Oil Co. #1 Osage	9-22N-11E SWNESW	1937	926	2045 -1119	2129 -1203	2131	84	
Rogers	Lucien Conner #2 Grace Nichols "A"	25-22N-14E NWESE	1957	661	1397 -736	2514 -1853	2636	1117	
Rogers	E. Evans #2-A Pemmer	4-22N-15E SENWSESW	1959	630 _±	1394 -764 _±	2677 -2047 _±	2722	1283	
Rogers	E. N. Brockman #1 Nichols	31-22N-15E NWNWNE	1937	812	1385 -573	1815 -1003	1828	430	
Rogers	Duquesne Oil & Gas #1 Doublehead	31-22N-15E NENESE	1911	784	1420 -636	1785 -1001	2765	365	
Mayes	Northeastern Oil #1 Dickerson	12-22N-18E SESENW	1958	692	520 +172	1767 -1075	1847	1247	
Mayes	Buck, Bisby & Stevens #1 Renfrow	14-22N-19E SW	1937	700 _±	448 250 _±		1415	967+	
Mayes	Wm Netzebrand	13-22N-20E SE		625 _±	165 +460 _±	202 +423 _±		37	
Mayes	Cutcrop Spavinaw	15-22N-21E NW		650 _±		+650 _±			
Pawnee	Porter Oil & Gas #20 Miller	33-23N-3E SWSESW	1950	1005	4262 -3257	4678 -3675	4697	416	
Pawnee	Watchorn Oil & Gas #11 Miller	33-23N-3E NWNESW	1940	966	4195 -3229	4570 -3604	4582	375	
Pawnee	Magnolia Petr. #1 Montee	29-23N-5E SWSWSW	1926	928	3850 -2922		4635 -3707	785+	

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Osage	Pure-Sinclair #71 Osage	9-23N-8E NWSESW	1926	970	2600 -1630	2646 -1676	2677	46	
Osage	Sinclair #16 Osage	9-23N-8E NESWSW	1917	964		2615 -1651	2618	0	
Osage	Sinclair Oil Co. #39 Osage	9-23N-8E SESENE	1917	934	2431 -1497		2792 -1858	361+	
Osage	Sun Oil Co. #7 Osage	13-23N-8E SWSWNE	1924	799	2514 -1715		2812 -2013	298+	
Osage	Beacon Oil Co. #25 Osage	21-23N-8E SESENE	1926	978	2900 -1922		3501 -2523	601+	
Osage	J. G. Buell #14 Osage	25-23N-8E NESWSE	1934	860		2383 -1523	2390	0	
Osage	J. R. Higgins #16 Osage	25-23N-8E NWNESE	1935	843		2475 -1632	2480	0	
Osage	Prairie Oil & Gas #12 Osage	25-23N-8E SWNESE	1922	857		2545 -1688	3037	0	
Osage	Texas Co. #9 Bigheart	36-23N-10E CN $\frac{1}{2}$ S $\frac{1}{2}$ NW	1930	911	2126 -1215	2181 -1270	2186	55	
Osage	Amerada Petr. Co. #1 Hardy	7-23N-11E NWNWSE	1924	944	2108 -1164	2359 -1415	2384	251	
Osage	Hamon & Cox #S-7 Sundown	25-23N-10E NESENE	1951	818	2218 -1400	2904 -2086	2912	686	
Osage	Cities Service #1-S S. Barnsdall unit	8-23N-11E NWSENE	1953	766	2104 -1338	3007 -2241	3032	903	
Osage	F. A. Haver #4 Osage	16-23N-11E CE $\frac{1}{2}$ E $\frac{1}{2}$ SW		840	2080 -1240		2684 -1844	604+	

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Osage	T. H. Smith #1 Osage	34-23N-12E SESESW	1922	654	1862 -1208		2650 -1996	788+	
Washington	O. C. Upp #1 Neale	28-23N-13E SESSENW	1926	740±	1835 +1095±		2275 -1535±	440+	
Washington	Dixie Oil Co. #1 Mabry	8-23N-16E NESWNW	1922	600±	1100 -500±		1521 -921±	421+	
Mayes	Lee Milligan #1 Lee	17-23N-19E SESESE	1957	700±	568 +132±	1933 -1233±	1957	1365	Shell, OGS
Mayes	Britton & Lane #1 Conners	20-23N-19E SESESE	1961	700±	528 +172±		1611 -911±	1083+	
Mayes	J. Bander #1 Brixie	15-23N-20E SWSWSE	1959	670±	328 +342±	1683 -1013±	1685	1347	
Mayes	Davis & Miller #1 Knight	34-23N-21E NESWNE	1959	656	174 +482	1600 -944	1624	1426	Luther Miller Oklahoma City
Delaware	Commercial Oil Co. #1 Gardner	17-23N-25E NWNWNW	1953	1045	79 +966	1019 +26	1023	940	
Osage	Texas Co. #1-S Tract 26	28-24N-7E NWNENE	1951	1080	3080 -2000	3758 -2678	3772	678	
Osage	E. M. Pinney #41 -296	15-24N-8E NWSWNW	1937	1017		2505 -1488	2563	0	
Osage	Marland-Gled Co. #2 Kohpay	16-24N-8E SESENE	1923	1029		2586 -1494	2586	0	
Osage	Marland-Gled Oil Co #3 Kohpay	16-24N-8E SESENE	1924	1001	2680 -1679	2708 -1707	2720	28	
Osage	Barnsdall Oil Co. #17 Osage	12-24N-10E SWNWNW	1924	795	2094 -1299	2890 -2095	2961	796	

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Osage	Homaokla #8 Keeler	30-24N-11E NEESE		828	1735 -907	1761 -933	1864	27	
Washington	Reinhardt & Donovan #1 Abel	27-24N-13E CSWSE	1944	610±	1765 -1155±	3000 -2390±	3002	1235	
Rogers	Liebman Prod. #1 Corlett	12-24N-15E NWNWSE	1955	690±	1365 -675±		2540 -1850±		No information below 160
Craig	E. A. North #1 Harris	15-24N-19E NWNENW		750±	550 +200±	1930 -1180±	1957	1380	
Craig	Dye-Henry #1 Ross	20-24N-21E NWSWNE	1959	856	299 +577	1755 -899	1764	1456	
Kay	Continental Oil #1 Geo H. Brett "A"	8-25N-2E SWNESE	1956	998	4100 -3102	5310 -4312	5348	1210	
Osage	C. W. Oliphant #6 LaFortune	8-25N-6E NENENE	1958	1077	3307 -2230		3790 -2713	483+	
Osage	G. R. LeFever #9 Faulkner	1-25N-8E SESWNE	1958	899	2580 -1681		2970 -2071	390+	
Osage	Atlantic Refining Co. #4-V569	19-25N-8E SWNESW	1925	1094	2738 -1644	2847 -1753	2897	109	
Osage	Atlantic Refg. Co. #9-V569	19-25N-8E NWNESW	1934	1089	2772 -1683	2830 -1741	2838	58	
Osage	Phillips Petr. #1 Higgins "A" SWD	23-25N-8E SWSWSW	1956	896	2646 -1750	?3654 ?-2758	3664	?1008	
Osage	Arbtex Oil Corp & Demier #8 Blackbird	27-25N-8E SESESWSW	1958	1093?	2704 ?-1611	3022 ?-1929	3050	318	
Osage	Mid-Continent #201 Osage	31-25N-10E NESWSW	1951	900±	2350 -1450±	2525 -1625±	2565	175	

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Osage	Cox & Hamon #1-S Osage	13-25N-11E NWSWSW	1950	970	2220 -1250		3167 -2197	947+	
Washington	Empire Gas & Fuel Co. #3 McElmore	25-25N-12E NESWNE	1927	755	1810 -1055	2340 -1585	2368	530	
Washington	J. C. Bixler #1 Sears	10-25N-13E NENESE	1923	669	1625 -956	2333 -1664	2400	708	
Washington	Carter Oil #1 WS Anderson	7-25N-14E NENESW	1952	680±	1700 -1020±		2477 -1797±	777+	
Nowata	Aurora Oil & Gas #1 Stockerbrand	17-25N-15E SWNE		750±	1880 -1130±	2585 -1835±	2591	705	
Craig	J. C. Starr #1 Hill	29-25N-20E NWNWNE		672	522 +150	1827 -1155	2318	1305	
Craig	J. C. Starr #1 Cass	32-25N-21E NWNWNW	1925	715	390 +325	1688 -973	1695	1298	
Delaware	J. C. Starr #1 Starr	28-25N-24E NWSWNW		780±	293 +485±	1135 -355±	1138	840	
Osage	Carter Oil Co. #1 Johnson	9-26N-6E NWNWNW	1924	1012	3250 -2238	4234 -3222	4241	984	
Osage	A. A. Cameron #10 Bowen	18-26N-6E SESWSE	1956	1024	3378 -2354	4309 -3285	4310	931	
Osage	Sunray Mid-Continent #1-SWD Osage	19-26N-6E SWSESESW	1956	1037	3442 -2405		3958 -2921	516+	
Osage	Texas #17 Great Spirit	31-26N-6E CSWNE	1955	1031	3425 -2394		3946 -2915	521+	
Osage	Prairie Oil & Gas #1 Osage	3-26N-10E CN $\frac{1}{2}$ N $\frac{1}{2}$ SW	1919	864		2198 -1334	2314	0	

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Osage	Prairie Oil & Gas #1 Osage	27-26N-10E SWSSEW	1921	914	2460 -1546		2917 -2003	457+	
Osage	I. T. I. O #447	16-26N-12E SENESE	1937	713	1690 -977	1705 -992	1770	15	
Washington	Link Oil Co. #1 Whiteturkey	17-26N-13E NENESW	1924	734	1667 -933	1775 -1041	1805	108	
Craig	Frankfort Oil Co. #1 Bluejacket	4-26N-19E NWNWNW	1955	835	908 -73	2102 -1267	2128	1204	Shawnee
Craig	3-B Oil Co. #1 Helmick	12-26N-21E NWNW	1952	750±	502	1769 -1019±	1946	1269	OGS
Osage	Phillips Petr. Co. #17 Mott	11-27N-5E NENESE	1928	1162	3450 -2288	4568 -3406	4610	1118	
Osage	Texas Co. #2 Osage	1-27N-7E SWNESW	1954	1170	2834 -1664		3372 -2202	538+	
Osage	Gypsy Oil Co. #8 Bryant	18-27N-8E NESESE	1920	1069	2755 -1686	3430 -2361	3444	675	
Osage	Gulf #1 SWD Iron	24-27N-9E SEWNNE	1956	1072	2376 -1304		2727 -1655	351+	
Osage	Texas Co. #1 Brunt	17-27N-10E SWSWNE	1922	869	1930 -1061		2710 -1841	780+	
Osage	I. T. I. O. #445	31-27N-12E SWSWNW	1939	876	1873 -997	1910 -1034	1925	37	
Washington	Signal Oil & Gas #1S-1 Gibson	7-27N-13E N $\frac{1}{2}$ N $\frac{1}{2}$ NW	1957	694	1850 -1156		2600 -1710	750+	
Nowata	Frankfort Dist. Co. #1 Allsup	1-27N-15E NWNWSE	1954	771	1465 -694		2216 -1445	751+	

County	Company Lease	Location	Year	Elev.	Arb.	Bas.	T. D.	Thick. Arb.	Location Samples
Washington	Ohio Oil #S-1 F. P. Stie	4-27N-13E E $\frac{1}{2}$ SE $\frac{1}{2}$ SW	1952	727	1837 -1110		2546 -1819	709+	
Nowata	Prairie Oil & Gas #105 Security	27-27N-16E SWSESW	1916	750 \pm	1180 -430 \pm	1955 -1205 \pm	2070	775	
Ottawa	Dave Wilson #1	7-27N-23W SESE $\frac{1}{2}$ SW		850	445 +405 \pm		1055 -205	610+	
Kay	Anderson-Prichard Oil Corp. #28 Welch	17-28N-1E NW $\frac{1}{2}$ SE $\frac{1}{2}$ SW	1956	1144	3230 -2086	4406 -3262	4407	1176	
Kay	Marland Refg. Co. #1 Joynson	18-28N-3E CNENE	1929	1167	3838 -2661	4804 -3637	4826	976	
Osage	Parker Petr. #9 Adams	27-28N-7E SW $\frac{1}{2}$ NW $\frac{1}{2}$ SW	1956	1325	3165 -1840		3674 -2349	509+	
Osage	Appleton Oil #3 Osage	9-28N-10E CNW $\frac{1}{4}$	1956	787	2039 -1252		2453 -1666	414+	
Osage	Shamrock Oil & Gas #1 SWD	22-28N-10E SW $\frac{1}{2}$ NE $\frac{1}{2}$ SW	1956	879	2114 -1235		2641 -1762	527+	
Washington	Barnsdall Oil Co. #7 Rigdon	30-28N-13E CSW	1920	690 \pm	1850 -1160 \pm	2548 -1858 \pm	2565	700	
Nowata	Ramsey Petr. #1 Ludowici	16-28N-16E NE $\frac{1}{2}$ SW $\frac{1}{2}$ SW	1957	749	1239 -490		1587 -838	348+	
Craig	Wackerle Oil Co. #4 Hood	19-28N-20E SE $\frac{1}{2}$ SW $\frac{1}{2}$ SE	1954	838	720 +118	1493 -655	1590	773	Shell
Craig	Frankfort Oil Co. #1 Van Ausdel	31-28N-20E SE $\frac{1}{2}$ NW $\frac{1}{2}$ SW	1954	859	804 +55	1692 -833	2014	888	Shawnee SL

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Craig	City of Welch	29-28N-21E SWNWSW		850 _±	760 90 _±	1483 -633 _±	1566	723	
Ottawa	City of Miami #3 Goodrich Rubber	24-28N-22E SESESW	1944	798	445 -353	1045 -247	1055	600	
Ottawa	McCoy Greenhouse	24-28N-22E NENESE	1924	795	460		1045 -250	585+	
Ottawa	City of Miami #5 Goodrich	24-28N-22E NESENW	1944	792	465 +327		1465 -673	1000+	
Ottawa	City of Miami	30-28N-23E SWNESE	1944	780 _±	450 +330 _±	1780	1247 -467 _±	1230+	
Osage	United Producing Co. #3-6 Claude Frans	29-29N-10E CS ¹ / ₂ SENEW	1958	884	2114 -1230		2455 -1571	341+	
Washington	Empire Gas & Fuel #1 Thompson	22-29N-13E NWSESE	1917	775	1814 -1039	2703 -1928	3175	889	
Craig	J. A. Ervin Petr. #1 Maxon	14-29N-18E NESWNE		905 _±	1110 -205	2054 -1149	2143	944	
Craig	Empire Gas & Fuel #1 Siegel	34-29N-19E CW ¹ / ₂ NW	1916	925	975 -50	2035 +1110	2045	1060	
Ottawa	Commerce Mining & Royalty Bird Dog Mine	13-29N-22E SWSESE	1930	822	415 +407	1185 -363	1206	770	
Ottawa	Commerce Mining & Royalty Power Plant	25-29N-22E CNENE		845	470 +365		1229 -484	759+	
Ottawa	Commerce Mining & Royalty #159 Beaver	19-29N-23E SWSWSE	1938	833	445 +388	1772 -939	1773	1327	
Ottawa	C Y Semple	13-29N-23E SWSESE		850	455 +395		1175 -325	720+	

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Oklahoma	Cities Service Oil SWNENW	19-11N-2W SWNENW	1947	1249	6001 -4752	8270 -7021	8338	2269	
Noble	Shell Oil, Etal #1 Magney (Lucien Pool)	17-20N-2W C SWSW	1946	1269	5490 -4221	7052 -5783	7088	1562	
Noble	Stanolind #1 Shoop	27-22N-2W NWSWE	1936	1040	5298 -4258	6446 -5406	6446	1148	
Garfield	Sinclair Oil Co. #19 Hartley	18-22N-3W SWSWNW	1928	1115	4203 -3088	5461 -4346	5954	1250	
Cimarron	Shell #1 C. R. Moore	15-3N-3EEN	1957	4434	5906 -1472	6404 -1970	6443	498	Amarillo SL
Cimarron	Stanolind #1 Burton	38-3N-6EEN CSEW	1943	4097	6577 -1480	7020 -2923	7032	445	Amarillo SL
Cimarron	Shell #1 State	23-4N-2EEN CSEW	1958	4548	5865 -1317	6397 -1849	6422	532	
Cimarron	Pure Oil Co. #1 Cox	16-5N-8EEN SESWE	1943	3919	5510 -1591	6268 -2349	6280	758	Amarillo SL
Cimarron	Ohio #1 Schoolland "B"	33-6N-2EEN SWNENW	1947	4421	5926 -1504	6495 -2074	6503	569	Mobil
Cimarron	Sun Oil Co. #1 State	24-6N-3EEN CNWSW	1954	4308	5332 -1024	5895 -1587	5904	563	Sun