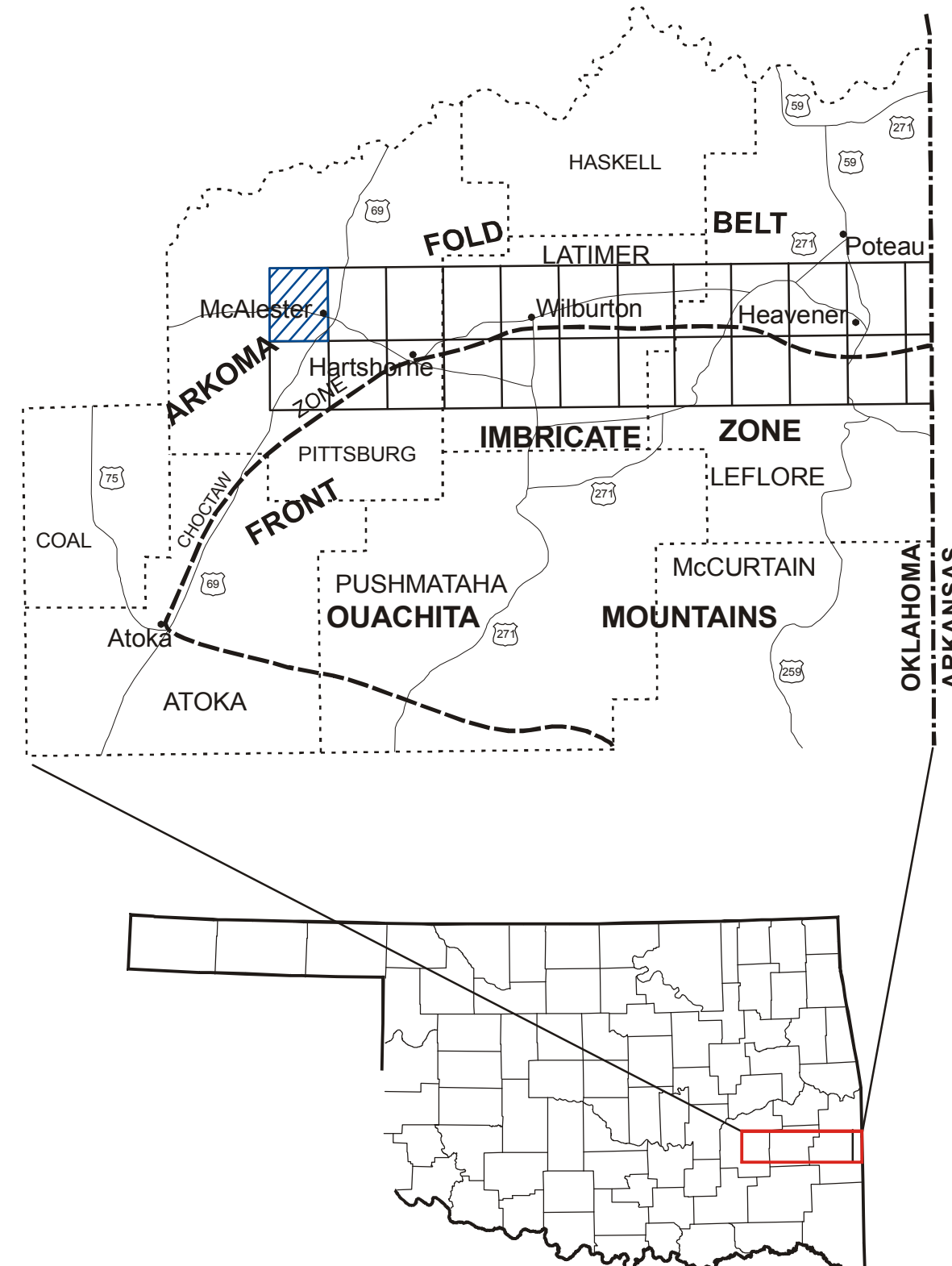
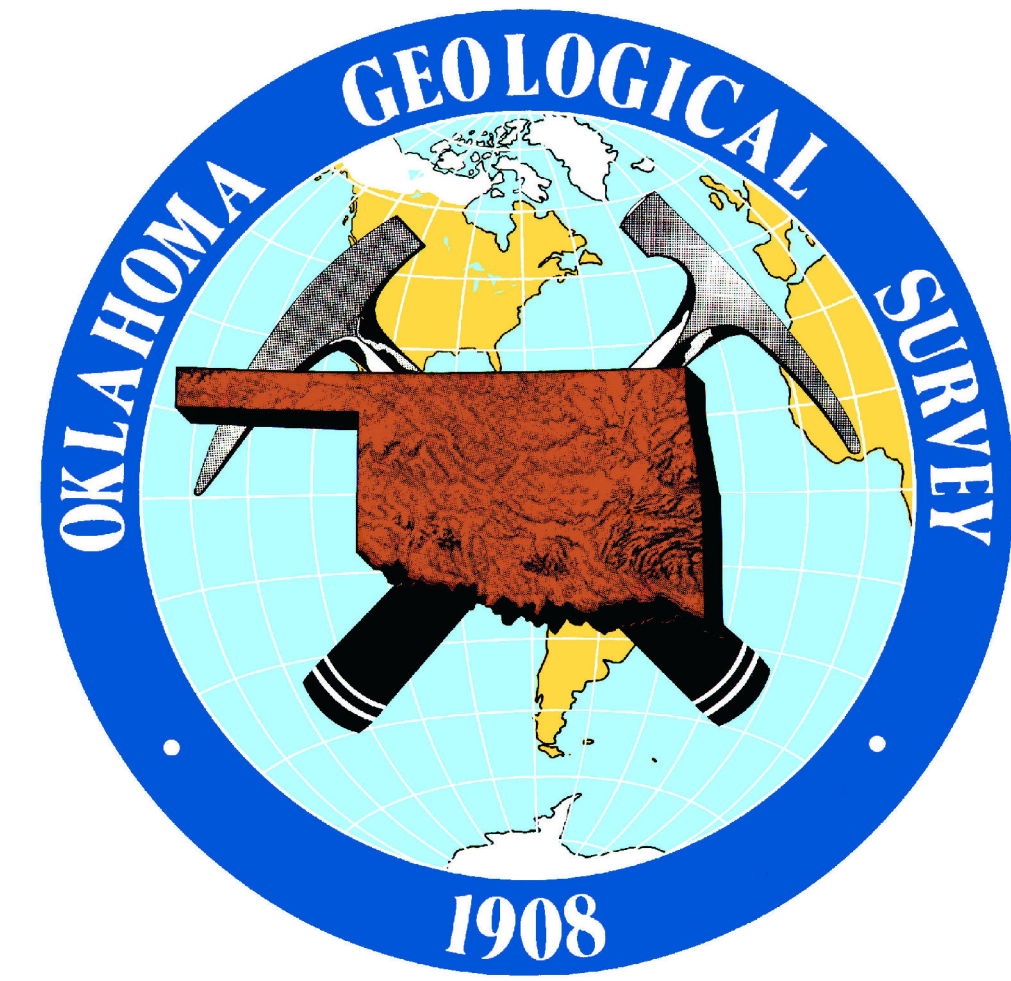
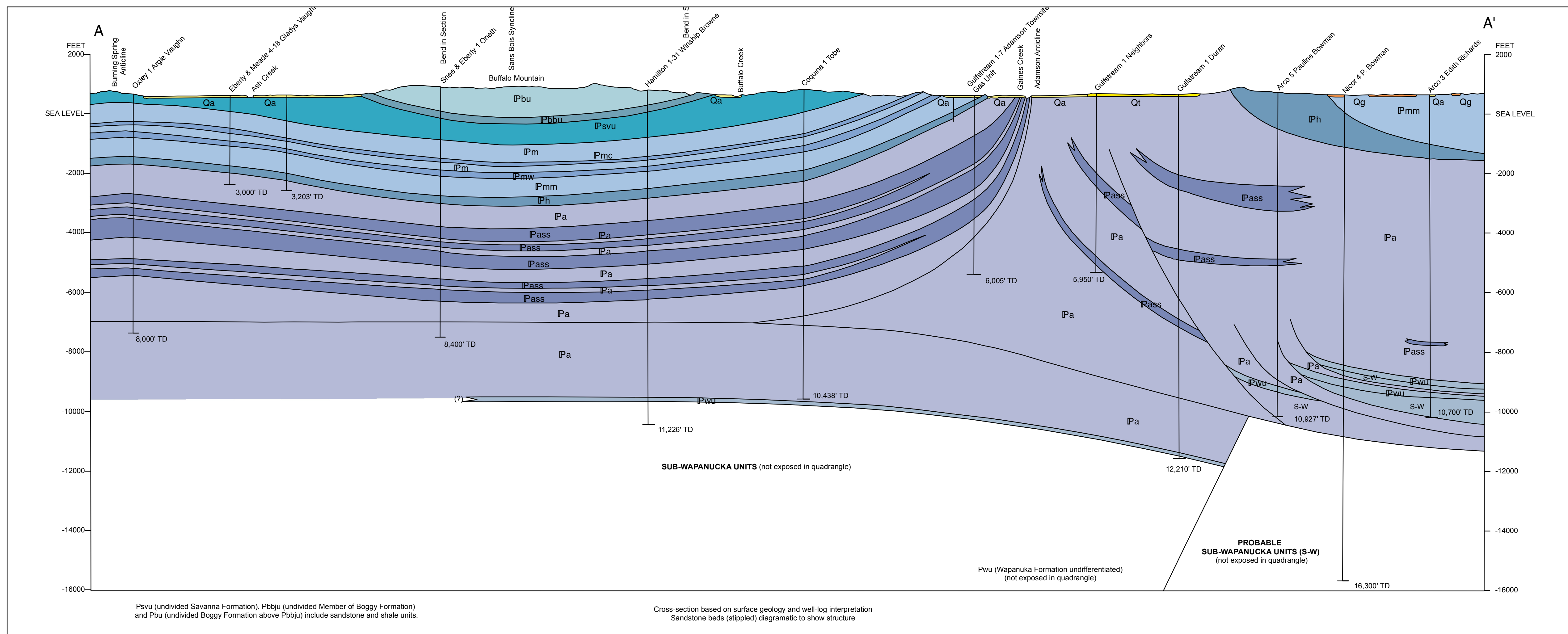


GEOLOGIC MAP OF THE ADAMSON 7.5' QUADRANGLE LATIMER COUNTY, OKLAHOMA

By
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Digitized by Jacob Hernandez, 2014



INDEX TO QUADRANGLES AND CROSS SECTIONS

Qa	ALLUVIUM (QUATERNARY)—Gravel, sand, silt and clay nod plain of present-day streams.
Qt	TERRACE DEPOSITS (QUATERNARY)—Singularly to subrounded cobbles, boulders, sand, silt, and silt, forming a veneer, generally about 4 to 10 ft thick, on the surfaces of terraces from about 150 to above the beds of present-day streams.
Qg	GERTY SAND (QUATERNARY)—Unconsolidated gravel, sand, silt, and clay and gravelly iron channel fill at elevations well above modern flood plains. Main constituents of the sand and gravel are quartz, quartzite, chert, flint, Jasper, and siliceous pebbles. Thickness varies from estimated maximum of 600 ft to a thin veneer. In places (such as at places 14, T. 6 N., R. 16 E.), siliceous, well-sorted pebbles from the Gerty are scattered on whatever Savanna Formation, but the deposits are too thin to map as Gerty.
Pb	BOGGY FORMATION (PENNSYLVANIAN)—Predominantly sandy, grayish black (No. 102) to olive gray (No. 141) dark yellowish brown (No. 1094) sands and siltstones (P) with very marginal, sparse, scum-forming, fine to very fine grained sandstones (P20, P22, P23, and P24). At the base is the Basileget Sandstone Member (P25), mostly moderate to bedded, parallel-bedded, ripple marked, sandstone, 1 to 2 ft thick, a middle clay unit (generally covered), and about 50 to 100 ft thick, and an upper fine grained, medium to thick-bedded sandstone unit about 25 to 75 ft thick, containing large-scale trough cross-bedding, abundant self-sedimentation features, and clouded channel exposures. A thin (0.5 to 4 ft) coal bed (Lower Willaville) is present in the middle clay unit of the Basileget Member. It is exposed in the dike along State Highway 140, about 1 mile south of the intersection of the dike with the N. 24 E. and S. 36 T. 6 N., R. 16 E. P26-P28 are predominantly dark yellowish brown (No. 1094) to grayish green (No. 1074) to light brown (No. 1052) very fine grained sandstones (P) with marginal, sparse, scum-forming, fine to medium grained sandstones (P20) and siltstones (P22), and self sediment deformation features. The Secor coal occurs in the shale interval between P26 and P27. It is 1 to 2 ft thick, and is 10 to 15 ft thick in the Secor Rider coal. It is 1 to 8 ft thick in this same area, and occurs 40 ft above the Secor bed. P29 is discontinuous, or not bedded and generally unrecognizable on the basis of Buffum Mountain. However, the unit is mappable as silt, 16, 21, 22, 27, and 28 T. 6 N., R. 16 E., where it is mostly thin bedded, sandy, and generally not more than 5 ft thick. P30 is a prominent coarse grained, medium to coarse grained sandstone with higher elevations on Buffum Mountain and on the high hill in S. 28 T. 6 N., R. 16 E. In those areas it is divided into two parts by a mappable shale unit (P31). P31 is preserved only on the highest elevations on Buffum Mountain. Top of formation recorded: Thickness: 700-800 ft.
Psv	SAVANNA FORMATION (PENNSYLVANIAN)—Predominantly pale yellowish brown (No. 1086) to olive gray (No. 1032) to medium dark gray (No. 1046) sandstone (P) with very marginal moderate brown (No. 1044) to grayish green (No. 1074) to moderate reddish brown (No. 1046), fine to very fine grained, noncalcareous sandstone (P30), P31, P32, P33, P34, P35, P36, P37, P38, P39, P40, P41, P42, P43, P44, P45, P46, P47, P48, P49, P50, P51, P52, P53, P54, P55, P56, P57, P58, P59, P60, P61, P62, P63, P64, P65, P66, P67, P68, P69, P70, P71, P72, P73, P74, P75, P76, P77, P78, P79, P80, P81, P82, P83, P84, P85, P86, P87, P88, P89, P90, P91, P92, P93, P94, P95, P96, P97, P98, P99, P100, P101, P102, P103, P104, P105, P106, P107, P108, P109, P110, P111, P112, P113, P114, P115, P116, P117, P118, P119, P120, P121, P122, P123, P124, P125, P126, P127, P128, P129, P130, P131, P132, P133, P134, P135, P136, P137, P138, P139, P140, P141, P142, P143, P144, P145, P146, P147, P148, P149, P150, P151, P152, P153, P154, P155, P156, P157, P158, P159, P160, P161, P162, P163, P164, P165, P166, P167, P168, P169, P170, P171, P172, P173, P174, P175, P176, P177, P178, P179, P180, P181, P182, P183, P184, P185, P186, P187, P188, P189, P190, P191, P192, P193, P194, P195, P196, P197, P198, P199, P200, P201, P202, P203, P204, P205, P206, P207, P208, P209, P210, P211, P212, P213, P214, P215, P216, P217, P218, P219, P220, P221, P222, P223, P224, P225, P226, P227, P228, P229, P230, P231, P232, P233, P234, P235, P236, P237, P238, P239, P240, P241, P242, P243, P244, P245, P246, P247, P248, P249, P250, P251, P252, P253, P254, P255, P256, P257, P258, P259, P260, P261, P262, P263, P264, P265, P266, P267, P268, P269, P270, P271, P272, P273, P274, P275, P276, P277, P278, P279, P280, P281, P282, P283, P284, P285, P286, P287, P288, P289, P290, P291, P292, P293, P294, P295, P296, P297, P298, P299, P300, P301, P302, P303, P304, P305, P306, P307, P308, P309, P310, P311, P312, P313, P314, P315, P316, P317, P318, P319, P320, P321, P322, P323, P324, P325, P326, P327, P328, P329, P330, P331, P332, P333, P334, P335, P336, P337, P338, P339, P340, P341, P342, P343, P344, P345, P346, P347, P348, P349, P350, P351, P352, P353, P354, P355, P356, P357, P358, P359, P360, P361, P362, P363, P364, P365, P366, P367, P368, P369, P370, P371, P372, P373, P374, P375, P376, P377, P378, P379, P380, P381, P382, P383, P384, P385, P386, P387, P388, P389, P390, P391, P392, P393, P394, P395, P396, P397, P398, P399, P400, P401, P402, P403, P404, P405, P406, P407, P408, P409, P410, P411, P412, P413, P414, P415, P416, P417, P418, P419, P420, P421, P422, P423, P424, P425, P426, P427, P428, P429, P430, P431, P432, P433, P434, P435, P436, P437, P438, P439, P440, P441, P442, P443, P444, P445, P446, P447, P448, P449, P450, P451, P452, P453, P454, P455, P456, P457, P458, P459, P460, P461, P462, P463, P464, P465, P466, P467, P468, P469, P470, P471, P472, P473, P474, P475, P476, P477, P478, P479, P480, P481, P482, P483, P484, P485, P486, P487, P488, P489, P490, P491, P492, P493, P494, P495, P496, P497, P498, P499, P500, P501, P502, P503, P504, P505, P506, P507, P508, P509, P510, P511, P512, P513, P514, P515, P516, P517, P518, P519, P520, P521, P522, P523, P524, P525, P526, P527, P528, P529, P530, P531, P532, P533, P534, P535, P536, P537, P538, P539, P540, P541, P542, P543, P544, P545, P546, P547, P548, P549, P550, P551, P552, P553, P554, P555, P556, P557, P558, P559, P560, P561, P562, P563, P564, P565, P566, P567, P568, P569, P570, P571, P572, P573, P574, P575, P576, P577, P578, P579, P580, P581, P582, P583, P584, P585, P586, P587, P588, P589, P590, P591, P592, P593, P594, P595, P596, P597, P598, P599, P600, P601, P60

LIST OF WELLS SPUDDED BEFORE JUNE 1,1995				
MAF NO.	OPERATOR	LEASE	SPOD DATE	TOTAL DEPTH (ft)
1	Ooley Petroleum Co.	1 Ward B	10/18/92	7,400
2	Ooley Petroleum Co.	2 Ward B	12/01/92	7,302
3	Ooley Petroleum Co.	1 Baptist	10/18/92	7,000
4	Ooley Petroleum Co.	11 Durdent	06/27/89	8,000
5	Sun Drilling Co.	1 Mary White	10/21/92	3,270
6	Ooley Petroleum Co.	11 Wards	01/24/90	7,500
7	OWB Co. (American Petroleum, Inc.)	1 Baskin A	03/04/11	7,600
8	Sneek & Eberly	1 Egan	1/2/97	7,600
9	Sneek & Eberly	1 Vaughn	07/05/63	2,260
10	Sneek & Eberly	2-1 Vaughn	07/05/63	2,260
12	Eberly & Meade, Inc.	3-13 Vaughn	12/20/92	1,850
13	Eberly & Meade, Inc. (work over)	3-14 Vaughn	12/20/92	1,850
14	Ooley Petroleum Co.	3-13 Aque Vaughn	11/16/89	2,800
15	Ooley Petroleum Co.	3-14 Aque Vaughn	11/16/89	2,800
16	Ooley Petroleum Co. (work over)	1 Aque Vaughn	12/31/12	8,000
17	Ooley Petroleum Co.	2-1 Aque Vaughn	12/31/12	8,000
18	Ooley Petroleum Co.	1 Erie White	06/22/73	7,900
19	Ooley Petroleum Co.	2-1 Erie White	06/22/73	7,900
20	Cities Service Gas Co.	1 J.R. Hughes	11/26/90	2,285
21	Cities Service Gas Co.	1 J.R. Harrison	11/26/90	2,285
22	Clark Resources Corp.	2 Tione	11/26/76	6,210
23	Ooley Petroleum Co. (work over)	2 Tione	11/26/76	6,210
24	Walter Duncan	1 Boone Unit	06/03/11	8,000
25	Ooley Petroleum Co.	1 Wally Rife Smith	06/03/11	8,000
27	King Resources Co.	1 E.G. McKenzie	11/20/68	8,853
28	Ooley Petroleum Co. (work over)	1 E.G. McKenzie	11/20/68	8,853
29	Eberly & Meade, Inc.	0-20 Vaughn	08/12/01	3,203
30	Ooley Petroleum Co.	1-21 Aque Vaughn	11/16/89	2,800
31	Oil Dominion Oil Corp.	1 Debbie	12/13/81	3,100
32	Sneek & Eberly	1-21 Collins	01/21/92	7,500
33	Sneek & Eberly	1 Oneth	02/25/74	8,175
34	Sneek & Eberly	1 Vaughn	01/21/92	8,175
35	Sarnes Resources	1 Browne	7/2/97	14,180
36	ARCO Oil & Gas Co.	1 Wards	10/30/99	14,180
37	Magnolia Petroleum Co.	1 Wards	7/7/54	12,915
38	Sneek & Eberly	2-1 Collins	01/21/92	12,915
39	Hamil Brothers Oil Co.	1-31 Wards-Browne	09/24/79	11,226
40	Mustang Petroleum Co.	1-31 Wards-Browne	09/24/79	11,226
41	Cochran Oil Corp.	1 Tobe	08/15/73	10,438
42	Ooley Petroleum Co. (work over)	1-31 Ward-Jones	08/15/73	10,438
43	Hamil Brothers Oil Co.	1-31 Bernard-Jones	08/27/79	11,917
44	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
45	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
46	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
47	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
48	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
49	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
50	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
51	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
52	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
53	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
54	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
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56	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
57	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
58	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
59	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
60	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
61	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
62	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
63	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
64	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
65	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
66	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
67	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
68	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
69	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
70	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
71	Gulfstream Petroleum Corp.	1-31 Bernard-Jones	08/27/79	11,917
72	Altland Richfield Co.	2 Pauline Bowman/isc	04/23/76	5,831
73	Sindlar Oil & Gas Co.	4-1 Paskett	04/23/76	5,831
74	Nope Oil Co.	4-1 Paskett	04/23/76	5,831
75	ARCO Oil & Gas Co.	3-1 Pauline Bowman	09/18/87	9,460
76	Sindlar Oil & Gas Co.	3-1 Pauline Bowman	09/18/87	9,460
77	Vester Resources, Inc.	3-21 Bowman	11/21/04	11,250
78	Sindlar Oil & Gas Co.	3-21 Pauline Bowman Unit	11/21/04	11,250
79	Austin Drilling Co.	1-28 Morrow	08/05/77	7,823
80	Sindlar Oil & Gas Co.	1-28 Morrow	08/05/77	7,823
81	Sarnes Resources Co.	1 Hines	11/04/90	11,318
82	Sarnes Resources Co.	1-28 U.S. Government	11/04/90	11,318
83	ARCO Oil & Gas Co.	2-18 U.S. Government #7	09/14/79	10,200
84	Martinez Petroleum Co.	1 Miller	10/16/86	9,625
85	Martinez Petroleum Co.	2 Mass Unit	10/16/86	9,625
86	Marathon Oil Co. (work over)	2 Mass Unit	10/23/82	8,885
87	Vester Resources, Inc.	3-28 Edith Richards	10/19/84	11,500
88	Vester Resources, Inc.	4-30 Edith Richards	10/19/84	11,500
89	Sindlar Oil & Gas Co.	1 P.O. Bowman Unit	02/04/87	10,686
90	Vester Resources, Inc.	3-28 Edith Richards	10/19/84	11,500
91	Vester Resources, Inc.	4-28 U.S. Bowman	7/2/97	14,180
92	Vester Resources, Inc.	2-28 U.S. Bowman	7/2/97	14,180
93	Vester Resources, Inc.	1-28 U.S. Bowman	07/24/94	11,937
94	ARCO Oil & Gas Co.	2-28 U.S. Bowman	07/24/94	11,937
95	ARCO Oil & Gas Co.	2 Afford Partner	07/11/87	11,937