INDEX TO QUADRANGLES, CROSS SECTIONS, AND AREA OF RESPONSIBILITY

-16000 - Assisted by Dorothy Smith

MAP NO.	OPERATOR	LEASE	SPUD DATE	TOTAL DEPTH (FT)
1	Jackass Flats Oil & Gas Co.	6 White	9/21/79	Unknown
2	Skelly Oil Co. Farmers Energy Corp. (work over)	1 White K 1 White K	11/16/66 1/18/81	7,500 7,500
3	Oxley Petroleum Co. Texas Oil & Gas Corp.	1 Marilyn 1 White H	12/20/70 1/28/80	7,442 7,500
5	Skelly Oil Co. Mobil Oil Corp.	1 White F 1 Frank Glenn B	7/25/66 6/22/67	9,982 7,500
7	Mobil Oil Corp. Mobil Oil Corp.	2 Frank Glenn B Unit 1 Erle White B	11/4/89 3/27/67	8,249 8,339
9	Eberly & Meade, Inc. Samson Resources Co.	2-17 Erle White B	5/30/90	8,615
11	Mobil Oil Corp.	1 Doremus	6/14/86 4/19/68	8,750 8,903
12 13	Whitmar Exploration Co. Shell Oil Co.	1-15 Binkley 1-15 Doremus	12/7/82 6/11/66	11,600 8,900
14 15	Unknown Snee & Eberly	Unknown A1-22 Erle White	Unknown 12/15/74	Unknown 8,200
16 17	Snee & Eberly Skelly Oil Co.	1-22 Erle White 1-A White N	11/9/74	4,153
18	Skelly Oil Co.	1 White N	1/18/67 1/9/67	8,150 517
19 19	Getty Oil Co. (work over)	2 White N 2 White N	3/28/81 3/28/81	8,196 8,196
20	Amax Petroleum Corp. Samson Resources Co. (work over)	1 Parker 1 Parker	1/14/67 1/14/67	8,512 8,512
21 22	Samson Resources Co. Samson Resources Co. (Shell Oil Co.)	1 Pine Lake	2/24/86 1/13/68	8,250 8,570
23	Unknown	Unknown	Unknown	Unknown
24 25	Ferguson Oil Co., Inc. Harper Oil Co.	1 Key 1 Key	9/25/74 2/6/68	8,840 8,822
26 27	Petroleum, Inc. Oxley Petroleum Co.	1 Key Unit 1 Hemphill	11/11/76 4/26/91	8,852
28 29	Snee & Eberly BTA Oil Producers	1 Haycock 7807 IV-P Adamson	8/28/77 12/10/78	8,840 8,126
30	Samson Resources Co.	1-26 Cirar	10/21/77	8,500
31 32	Amax Petroleum Corp. Sinclair Oil & Gas Co.	1 Cirar 1 Grace Cirar Unit	7/12/67 7/14/68	8,703 8,500
33 34	Sunset International Petroleum Corp. Atlantic Richfield Co.	1 Cirar 1 Conway Unit	12/28/68 5/2/76	8,562 8,848
35	Sinclair Oil & Gas Co.	1 Tony Mitchell Unit	4/25/63	11,721
36 37	Sinclair Oil & Gas Co. Brock Hydrocarbons, Inc.	1 R. H. Lowry 2-34 Hickman	11/5/63 11/28/80	11,646 12,500
38 39	Brock Hydrocarbons, Inc. ARCO Oil & Gas Co.	1-34 Billy Hickman 1 Sharp	12/1/79 8/9/88	7,484 15,508
40 41	Brock Hydrocarbons, Inc. Ambassador Oil Corp.	1-6 Boddy 1 Chaudoin Unit	5/27/81	2,47
42	Ambassador Oil Corp.	1 Lela Sawyer Unit	3/30/63 8/9/62	12,07!
43 44	Ambassador Oil Corp. Ambassador Oil Corp.	1 Edgar S. Woods Unit1 Kinnikin-Pate Unit	2/3/62 6/10/61	11,808 12,700
45 46	Ambassador Oil Corp. Gulfstream Petroleum Corp.	1 Davis Unit 1 Vaughn	4/18/62 8/22/78	11,84! 12,580
47 48	Sinclair Oil & Gas Co. P & F Petroleum Co.	1 Gardner Unit	3/8/63	12,74
49	Unknown	1 Hunt Unknown	Unknown Unknown	3,600 3,220
50 51	Petroleum, Inc. Ambassador Oil Corp.	1 Ferguson Unit 1 Raunikar Unit	10/12/79 12/8/62	10,000 11,780
52 53	Jones & Pellow Oil Co. Ambassador Oil Corp.	1 George McClain 1 Topping-State Unit	3/29/74	11,519
54	JMC Exploration, Inc.	2 Topping-State	9/20/62 4/15/90	11,863 11,900
55 55	ARCO Oil & Gas Co. ARCO Oil & Gas Co. (work over)	2-10 McAlester A Unit 2 McAlester A Unit	12/16/87 12/7/89	12,329 12,329
56 57	Unknown Ambassador Oil Corp.	Unknown 1 RF McAlester A Unit	Unknown 7/4/62	Unknown 11,954
58 59	Samson Resources Co. Arkoma Production Co.	1 Kent Unit	8/18/77	9,12
60	Mobil Oil Corp.	B-1 Kent Heirs 1 Kent Heirs Unit	12/27/81 3/26/66	9,139 10,129
61 62	ARCO Oil & Gas Co. Sinclair Oil & Gas Co.	2 Dunagan A 1 Dunagan A Unit	10/22/88 9/28/63	10,810 8,534
63 64	Ambassador Oil Corp. Unknown	1 Bud Hampton Unit Unknown	2/18/63 Unknown	9,128 Unknowr
65 66	ARCO Oil & Gas Co. Ambassador Oil Corp.	2 Bud Hampton 1 Fazekas Unit	7/14/89	14,660
67	Unknown	Unknown	11/19/62 Unknown	Unknown
68 69	ARCO Oil & Gas Co. ARCO Oil & Gas Co.	2 Steve Fazekas 2 G. L. Kilpatrick	8/31/87 2/28/88	15,012 13,964
70 70	ARCO Oil & Gas Co. ARCO Oil & Gas Co. (work over)	3 G. L. Kilpatrick 3 G. L. Kilpatrick	7/30/88 7/30/88	11,200
71 72	Unknown Unknown	Unknown	Unknown	1,849
73	Ambassador Oil Corp.	Unknown 1 Kilpatrick Unit	Unknown 7/16/62	Unknowr 8,758
74 75	Unknown Limestone Oil & Gas Co.	Unknown 1 Nettie McCurray	Unknown 5/12/27	Unknowr 4,038
76 77	Unknown ARCO Oil & Gas Co.	Unknown 3 Yourman	Unknown 3/28/88	Unknown 11,250
77	ARCO Oil & Gas Co. (work over) Unknown	3 Yourman Unknown	8/14/89	11,250
78 79	ARCO Oil & Gas Co.	2 Yourman	Unknown 2/8/87	4,020 15,391
79 80	ARCO Oil & Gas Co. (work over) Ambassador Oil Corp.	2 Yourman 1 Yourman Unit	3/9/88 5/7/62	15,39° 8,920
81 82	Clark & Co. Unknown	1 Wilson Unknown	10/31/36 Unknown	6,515 6,515
83	Samson Resources Co.	2 Costilow	7/26/85	12,440
84 85	Samson Resources Co. Mobil Oil Co.	4 Costilow 1 Goldie Sivil Unit	5/28/90 10/25/65	9,800
86 87	Samson Resources Co. Mobil Oil Co.	1 Sams 2 Darby Subdiv. Unit	3/10/86 7/11/87	10,550 10,605
87 88	Amoco Production Co. (work over) Mobil Oil Co.	A Darby Subdiv. Unit 1 Darby Subdiv. Unit	7/11/87 1/10/65	10,608
89	JMC Exploration	3 Darby	6/16/90	11,290
90 91	Marathon Oil Co. Marathon Oil Co.	1 Fabbro Unit 2 Fabbro Unit	7/9/64 2/24/87	9,225
91 92	Marathon Oil Co. (work over) Marathon Oil Co.	2 Fabbro Unit 3 Fabbro Unit	2/24/87 5/24/90	11,608 14,500
93 94	ARCO Oil & Gas Co. ARCO Oil & Gas Co.	3 Bennett-State 2 Bennett-State	1/30/89 6/21/88	11,756 14,500
94	ARCO Oil & Gas Co. (work over)	2 Bennett-State	6/21/88	14,500
95 96	Sinclair Oil & Gas Co. Ambassador Oil Corp.	1 Bennett-State Unit 1 Smith Unit	12/14/63 5/6/62	9,060 8,703
97 97	ARCO Oil & Gas Co. ARCO Oil & Gas Co. (work over)	2 Smith Unit MA 2 Smith Unit MA	8/29/85 8/29/85	12,613 12,613
98 99	ARCO Oil & Gas Co. (Work over) ARCO Oil & Gas Co. ARCO Oil & Gas Co.	3 Smith Unit MA 2 Paschall	2/27/89	14,200
99	ARCO Oil & Gas Co. (work over)	2 Paschall	6/19/88	14,278
00 01	ARCO Oil & Gas Co. Unknown	3 Paschall Unknown	12/1/88 Unknown	11,550 2,763
02	Ambassador Oil Corp. ARCO Oil & Gas Co.	1 Paschall Unit 2 R. F. McAlester	12/13/61 12/28/85	8,522 7,58
104 105	ARCO Oil & Gas Co. Ambassador Oil Corp.	2X R. F. McAlester 1 R. F. McAlester	8/4/86	11,15
106	ARCO Oil & Gas Co.	3 R. F. McAlester	2/27/61 11/12/88	9,343
07	Unknown Anadarko Petroleum Corp.	Unknown 4-23 Williams A	Unknown 8/16/89	Unknowi 11,67
09	Ambassador Oil Corp. Anadarko Petroleum Corp.	1 W. M. Williams Unit 3-23 Williams A	9/21/60 9/24/88	9,704 15,000
10	Anadarko Petro. Corp. (work over)	3-23 Williams A	9/24/88	15,000
11 12	Anadarko Petroleum Corp. Sinclair Oil & Gas Co.	2-23 William A 1 Alfred Parker Unit	7/2/86 10/4/65	12,55 ⁴ 9,22 ⁴
13 14	Amoco Production Co. Pan American Petroleum Corp.	2 Caudron Unit 1 Caudron Unit	11/8/85 2/9/65	12,800
15	JMC Exploration	3 Caudron	9/28/90	11,050
16 17	Sinclair Oil & Gas Co. ARCO Oil & Gas Co.	1 J. L. Henley Unit3 Jessie Bennett MA	10/8/64 9/26/89	10,129 14,530
18 18	ARCO Oil & Gas Co. ARCO Oil & Gas Co. (work over)	2 Jessie Bennett 2 Jessie Bennett MA	1/1/86 3/29/89	11,188 13,598
19	Sinclair Oil & Gas Co.	1 Jessie Bennett Unit	2/16/64	9,22
20	Ambassador Oil Corp. ARCO Oil & Gas Co.	1 Dobbs-State Unit 2 Dobbs-St. Unit MA	6/23/62 1/2/90	8,899 14,200
22	Ambassador Oil Corp. ARCO Oil & Gas Co.	1 State C Unit 2 State C	7/16/62 6/19/89	9,100 14,100
24	ARCO Oil & Gas Co.	2 E. V. Enis	10/14/90	14,100
25	Sinclair Oil & Gas Co.	1 E. V. Enis Unit	4/2/63	9,84

Cross section based on surface geology, well-log interpretations, and seismic interpretations.

Sandstone beds stippled. Beds in upper Atoka Fm. (dashed) diagrammatic to show structure.