

Table A-2 Artificial Penetrations Within 2.0-Mile AOR – Allowable Pressure Buildups

API#	Map ID #	Operator	Leas and Well #	Spud Date	Status	Date Plugged	Well Depth (feet)	True Vertical Depth	Mud Wt. Used in Calculation (ppg)	Depth Top of Injection Interval (feet below KB)	Depth Base of USDW (feet bgs)	Depth of CMT Plugs (feet)	Surface Casing Size (inch)	Surface Casing Depth (feet)	Protection Casing Size (inch)	Protection Casing Cutoff (feet)	Hole Size (inch)	USDW Protected by Surface Casing or Cement Plug	Allowable Build Up Pressure (psi)	Model Build-up Pressure (psi)	Safety Margin (psi)
3508720013	AP-1	Marathon Oil Company	C.W. Cavette #1	10/4/66	D&A	10/4/66	9,990	9,990	10.0	4,455	1,087	0 - 10	10 3/4	988	--	--	9	No	437	218	219
3508721031	AP-2	McConathy Production Laurel Operating Company Native Exploration Operating LLC	Long #1	3/7/85	Active	N/A	9,170	9,170	8.9	4,463	1,091	--	8 5/8	1,240	4 1/2	--	2 3/8	Yes			
3508735769	AP-3	Edwin L. Cox R.P. Brandenburg	Burkett #1	5/30/57	P&A	2/26/79	8,750	8,750	8.9	4,367	1,088	3 - 33 855 - 955 8200 - 8340	10 3/4	885	7	3,678	8 3/4	No	294	190	104
3508720202	AP-4	An-Son Corporation	Banta-McCulloch #1	10/10/65	D&A	10/2/66	10,475	10,475	9.9	4,512	1,094	0 - 20 8760 - 8820	10 3/4	994	5 1/2	6,599	8 3/4	Yes	421	259	162
3508730009	AP-5	Adobe Oil- Edwards & Leach	B McCulloch #1 /Gladys #1	11/7/71	D&A	2/23/88	9,726	9,726	9.5	4,508	1,113	0 - 55 924 - 1124	8 5/8	1,024	3 1/2	1,200	7 7/8	Yes			
3508720548	AP-6	Wenexco-Moran Exploration	Kirkham #1	12/12/80	D&A	12/7/82	9,380	9,380	9.3	4,610	1,138	10 sx on top 1056 - 1158	8 5/8	1,106	4 1/2	7,011	7 7/8	Yes			
3508720431	AP-7	Walker & Winthrow	Engleke #1	9/27/78	D&A	6/20/80	9,586	9,586	9.1	4,570	1,099	3 - 33 794 - 894 8300 - 8500	8 5/8	844	4 1/2	6,364	7 7/8	Yes	243	210	33
3508720760	AP-8	Moran Exploration Amax Oil & Gas	Olson #1	1/16/82	P&A	7/16/92	9,324	9,324	9.3	4,582	1,104	4 - 34 950 - 1131 CIBP @ 8350 CIBP @ 8520 CIBP @ 8648 CIBP @ 9180	8 5/8	1,031	4 1/2	5,224	7 7/8	Yes			
3508720116	AP-9	Sun Oil Company Spess Oil Company	J. Griffith #1	12/14/68	Active	N/A	9,484	9,484	9.4	4,468	1,067	--	8 5/8	1,008	4 1/2	--	7 7/8	No	355	190	165
3508720020	AP-10	Superior Oil	Deal Unit #1	5/25/66	D&A	12/13/66	10,150	10,150	9.4	4,570	1,165	3 - 30 900 - 1065	9 5/8	1,031	--	--	7 7/8	No	314	277	37
3508720297	AP-11	Wilshire Oil	Deal #1	7/17/75	D&A	8/14/75	9,033	9,033	9.6	4,521	1,101	3 - 30 869 - 969	8 5/8	919	--	--	8 3/4	No	352	240	112
3508720387	AP-12	Hilliard Oil & Gas	Newman #1	12/4/77	D&A	1/11/78	10,431	10,431	9.4	4,632	1,071	3 - 23 903 - 1003 8930 - 9030	10 3/4	961	--	--	7 7/8	No	318	190	128
3508720110	AP-13	Jones & Pellow	Deaville #1	10/28/68	D&A	8/29/69	10,836	10,836	8.9	4,685	1,158	3 - 30 750 - 850 8760	8 5/8	795	4 1/2	5,530	8 3/4	No	202	179	23
3508721616	AP-17	United Production	Bond #1-5	2/25/98	D&A	3/17/98	8,875	8,875	9.3	4,664	1,127	3 - 33 856 - 1056 8606 - 8706	8 5/8	975	--	--	7 7/8	No	296	180	116
3508720931	AP-18	Moran Exploration	Sleeper #1	7/15/83	D&A	8/12/83	9,070	9,070	9.2	4,450	1,081	3 975 - 1075 4500 - 4600 7900 - 8000	9 5/8	1,025	None	None	7 7/8	Yes			
3508721362	AP-19	Santa Fe Energy	Chief #1-34	3/10/87	P&A	1/9/90	10,500	10,500	9.6	4,348	1,070	3 - 53 943 - -1143 4215 - 4315 8166 - 8186	9 5/8	1,043	5 1/2	4,473	7 7/8	Yes			
3508721402	AP-20	Santa Fe Energy	Warrior #1-34	12/14/88	D&A	1/31/88	10,200	10,200	9.2	4,348	1,109	960 - 1230 5050 - 5500 9200 - 9500 9976 - 10175	8 5/8	1,134	--	--	7 7/8	Yes			
3508721117	AP-21	PSEC Inc Enervest BCE-Mach II LLC	Griffith #1-3	10/18/84	Active	N/A	10,291	10,291	9.3	4,400	1,092	--	9 5/8	1,030	5 1/2	--	--	No	278	170	108
3508735770	AP-22	R.P. Brandengerg Laurel Operating Native Exploration Operating LLC	Marchant #1	3/6/87	Active	N/A	8,686	8,686	10.1	4,403	1,091	--	10 3/4	854	5 1/2	--	--	No	458	167	291
3508700044	AP-23	PSEC Inc Laurel Operating Native Exploration Operating LLC	Thomas #1-3	8/10/56	Active	N/A	9,888	9,888	10.2	4,407	1,128	--	10 3/4	857	5 1/2	--	--	No	482	170	312

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3508700019	AP-24	Kroy American Oils Eason Oil	Billen #1-A	5/18/57	P&A	12/31/02	9,176	9,176	8.9	4,400	1,068	0 - 60 744 - 1200 1800 - 1990 5485 - 5515	8 5/8	844	4 1/2	2,001	7 7/8	Yes			
3508720930	AP-25	PSEC Inc	Kerr McGee #1-2	2/17/83	D&A	9/24/83	10,190	10,190	9.1	4,330	1,089	3 - 33 992 - 1092 7800 - 7900 9650- 9900 10090 - 10190	8 5/8	1,042	--	--	7 7/8	Yes			
3508720715	AP-27	Mahan-Rawsey	Newton #2	10/2/81	P&A	3/5/84	8,465	8,465	8.9	4,330	1,079	3 - 33 1085 - 1235 8100 - 8140	8 5/8	1,160	4 1/2	6,830	7 7/8	Yes			
3508720375	AP-30	Harper Oil	Henning #1	8/19/77	D&A	9/17/77	9,681	9,681	9.2	4,375	1,037	0 - 30 974 - 1074 8600 - 8700 8950 - 8960	8 5/8	1,035	--	--	7 7/8	Yes			
3508720360	AP-31	Benchmark Oil Company EEC Inc Dixie Petroleum Inc Glenn Supply Company Inc Stevens & Tull Nielson & Associates Inc Bluegrass Energy Inc Thunder Oil & Gas Inc	Jun #1	3/15/77	Active	N/A	9,659	9,659	9.6	4,450	1,063	--	8 5/8	995	5 1/2	--	7 7/8	No	436	148	288
3508720330	AP-32	Benchmark Oil Agar & Agar Inc Oklahoma Oil & Gas Management EEC Inc Citizen Energy II LLC Raon Resources LLC Citizen Energy III LLC Blue Cedar Energy LLC Hamil Oil & Gas LLC	Lee #1	10/18/76	Active	N/A	9,573	9,573	9.7	4,416	1,051	--	8 5/8	1,036	5 1/2	--	7 7/8	No	456	163	293
3508720651	AP-34	Eason Oil Chesapeake Operating Camino Natural Resources LLC Te-Ray Resources LLC	E.M. Garrett #1-15	6/7/81	Active	N/A	9,338	9,338	9.3	4,500	1,043	--	8 5/8	958	5 1/2	--	7 7/8	No	372	163	209
3508721695	AP-41	Kirkpatrick Oil	Stanford #1-17	8/2/03	D&A	8/22/03	10,550	10,550	9.5	4,682	1,054	3 - 40 1034 - 1197 9138 - 9338	8 5/8	1,120	--	--	7 7/8	Yes			
3508721719	AP-42	Dominion Exploration	Levering #1-16	6/1/05	P&A	3/14/06	9,850	9,850	9.4	4,595	1,007	4 - 54 700 - 1100 8380 - 8400 8690 - 8700 9600 - 9610	9 5/8	812	5 1/2	5,503	7 7/8	Yes			
3508721835	AP-43	United Production	Shores #1-10	1/17/10	Active	N/A	--	--	9.2	4,460	1,074	--	9 5/8	1,168	4 1/2	9,848	7 7/8	Yes			
3508721867	AP-44	Toklan Oil and Gas Corporation Gilliand Oil and Gas Inc	Griffiths #1-2	6/10/11	Active	N/A	9,309	9,309	--	4,100**	1,065**	--	8 5/8	1,201	5 1/2	7,914	8 5/8	Yes			
3502721503	AP-49	Gulf Exploration LLC	Bogart #1-33ER	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722227	AP-50	Native Exploration Operating LLC	Scarface 9-4-0904 #1 WXH	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722277	AP-51	Native Exploration Operating LLC	Native Racer 3-0904 #1 WH	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722051	AP-52	Spess Oil Company Inc	J Griffith #2-10	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722283	AP-53	Glb Exploration Inc	Rhineheart #1	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722268	AP-54	Native Exploration Operating LLC	Scarface 9-4-0904 #2WXH	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722190	AP-55	EOG Resources Inc	Tomcat 1621 #1H	11/6/2018	Active	N/A	19,606*	9,146*	--	4,400**	1,070**	--	9 5/8	1,115	5 1/2	8,310	12 1/4	Yes			
3508722424	AP-56	EOG Resources Inc	Tomcat 1621 #3H	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722423	AP-57	EOG Resources Inc	Tomcat 1621 #2H	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722269	AP-58	Native Exploration Operating LLC	Bluejacket 5-32-0904 #1WXH	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722201	AP-59	EOG Resources Inc	Spitfire 0817 #1H	1/8/2019	Active	N/A	19,358*	9,058*	--	4,450**	1,040**	--	9 5/8	1,168	5 1/2	8,390	12 1/4	Yes			
3508722411	AP-60	EOG Resources Inc	Spitfire 0817 #6H	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722410	AP-61	EOG Resources Inc	Spitfire 0817 #7H	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			

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3508722443	AP-62	Fourpoint Energy LLC	Smarty Jones 32X5-10-4 #4HD	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722445	AP-63	Fourpoint Energy LLC	Smarty Jones 32X5-10-4 #2HB	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722446	AP-64	Fourpoint Energy LLC	Smarty Jones 32X5-10-4 #3HC	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722035	AP-65	Charter Oak Production Co LLC	Armadillo #1-31	4/9/2016	Active	N/A	10,500	10,500	--	4,186	1,040**	--	8 5/8	1,302	5 1/2	7,300	12 1/4	Yes			
3508722031	AP-66	Charter Oak Production Co LLC	Fluorite #1-7	11/5/2015	Active	N/A	10,500	10,500	--	4,380	1,050**	--	8 5/8	1,174	5 1/2	8,380	12 1/4	Yes			
3508722234	AP-67	EOG Resources Inc	Nighthawk 718 #4H	4/27/2019	Active	N/A	19,812*	9,386*	--	4,400**	1,050**	--	9 5/8	1,214	5 1/2	8,832	13 1/2	Yes			
3508722233	AP-68	EOG Resources Inc	Nighthawk 718 #3H	4/28/2019	Active	N/A	19,774*	9,386*	--	4,400**	1,050**	--	9 5/8	1,201	5 1/2	13,352	13 1/2	Yes			
3508722232	AP-69	EOG Resources Inc	Nighthawk 718 #2H	4/28/2019	Active	N/A	19,874*	9,401*	--	4,400**	1,050**	--	9 5/8	1,217	5 1/2	8,950	--	Yes			
3508722194	AP-70	EOG Resources Inc	Warhawk 631 #1H	12/5/2018	Active	N/A	20,009*	9,180*	--	4,400**	1,050**	--	9 5/8	1,209	5 1/2	8,640	--	Yes			
3508722144	AP-71	EOG Resources Inc	Nighthawk 718 #1H	12/4/2018	Active	N/A	20,013*	9,420*	--	4,400**	1,050**	--	9 5/8	1,213	5 1/2	8,735	--	Yes			
3508722244	AP-72	EOG Resources Inc	Warhawk 631 #4H	1/24/2023	Active	N/A	19,978*	8,877*	--	4,400**	1,050**	--	9 5/8	1,257	5 1/2	8,796	--	Yes			
3508722392	AP-73	EOG Resources Inc	Warhawk 631 #5H	1/17/2023	Active	N/A	20,392*	10,000*	--	4,400**	1,050**	--	--	--	--	--	--				
3508722245	AP-74	EOG Resources Inc	Warhawk 631 #3H	7/19/2019	Active	N/A	19,701*	9,180*	--	4,400**	1,050**	--	9 5/8	1,232	5 1/2	8,765	--	Yes			
3508722266	AP-75	EOG Resources Inc	Nighthawk 718 #9H	10/24/2019	Active	N/A	20,670*	9,296*	--	4,400**	1,050**	--	9 5/8	1,206	5 1/2	6,383	13 1/2	Yes			
3508722243	AP-76	EOG Resources Inc	Warhawk 631 #2H	7/20/2019	Active	N/A	19,855*	9,180*	--	4,400**	1,050**	--	9 5/8	1,234	5 1/2	8,900	--	Yes			
3508722261	AP-77	EOG Resources Inc	Nighthawk 718 #5H	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			
3508722260	AP-78	EOG Resources Inc	Nighthawk 718 #8H	10/27/2019	Active	N/A	20,264*	9,326*	--	4,400**	1,050**	--	9 5/8	1,206	5 1/2	1,408	13 1/2	Yes			
3508722263	AP-79	EOG Resources Inc	Nighthawk 718 #7H	10/26/2019	Active	N/A	20,157*	9,335*	--	4,400**	1,050**	--	9 5/8	1,207	5 1/2	1,413	13 1/2	Yes			
3508722262	AP-80	EOG Resources Inc	Nighthawk 718 #6H	10/26/2019	Active	N/A	19,766*	9,365*	--	4,400**	1,050**	--	9 5/8	1,208	5 1/2	999	13 1/2	Yes			
3508722412	AP-81	Warwick-Jupiter LLC	Warturtle 1004 30-19 #1WHX	N/A	Permitted Location	N/A	--	--	--	--	--	--	--	--	--	--	--	Permitted Location			

**Depth Estimations

*Well Depths Calculated