

§ 147.3014

40 CFR Ch. I (7–1–11 Edition)

(b) In addition to the information listed in §146.14(b) of this chapter, the Director shall consider any information required under §146.14(a) of this chapter (as supplemented by this subpart) that has been gathered during construction.

§ 147.3014 Construction requirements for Class III wells.

(a) In addition to the requirements of §146.32(c)(3) of this chapter, radiological characteristics of the formation fluids shall be provided to the Director.

(b) In addition to the requirements of §146.32(e) of this chapter, the Director may require monitoring wells to be completed into USDWs below the injection zone if those USDWs may be affected by mining operations.

§ 147.3015 Information to be considered for Class III wells.

(a) In addition to the requirements of §146.34(a) of this chapter, the following information shall be considered by the Director:

(1) Proposed construction procedures, including a cementing and casing program, logging procedures, deviation checks, and a drilling, testing and coring program.

(2) Depth to the proposed injection zone, and a chemical, physical and radiological analysis of the ground water in the proposed injection zone suffi-

cient to define pre-injection water quality as required for aquifer cleanup by §147.3011 of this subpart.

(3) An aquifer cleanup plan if required by §147.3003(b) of this subpart.

(4) Any additional information that may be necessary to demonstrate that cleanup will reduce the level of contaminants in the surrounding USDWs as close as feasible to the original conditions.

(b) In addition to the requirements of §146.34(b) of this chapter, the Director shall consider any information required under §146.34(a) of this chapter (as supplemented by this subpart) that has been gathered during construction.

§ 147.3016 Criteria and standards applicable to Class V wells.

In addition to the criteria and standards applicable to Class V wells set forth in subpart F of part 146 of this chapter, owners and operators of wells that do not fall within the Class IV category but that are used to dispose of radioactive wastes (as defined in 10 CFR part 20, appendix B, table II, column 2, but not including high level and transuranic wastes and spent nuclear fuel covered by 40 CFR part 191) shall comply with all of the requirements applicable to Class I injection wells in 40 CFR parts 124, 144 and 146 as supplemented by this subpart.

APPENDIX A TO SUBPART HHH OF PART 147—EXEMPTED AQUIFERS IN NEW MEXICO

The areas described by a one-quarter mile radius around the following Class II wells in the listed formations are exempted for the purpose of Class II injection.

| | Sec. | | | | | Well No. |
|---|------|------|------|----------|----------|----------|
| Arco Oil & Gas Co.—Operator/Horseshoe Gallup—Field/Gallup—Formation | | | | | | |
| SE/NE | 5 | T30N | R16W | 1650'FNL | 330'FEL | 134 |
| NW/NW | 30 | T31N | R16W | 660'FNL | 703'FWL | 8 |
| SE/SW | 28 | T31N | R16W | 790'FSL | 2150'FWL | 167 |
| NW/SE | 33 | T31N | R16W | 1710'FSL | 2310'FEL | 199 |
| SE/NW | 35 | T31N | R16W | 2105'FNL | 2105'FWL | 196 |
| NW/NW | 4 | T30N | R16W | 455'FNL | 4435'FEL | 219 |
| NW/SW | 33 | T31N | R16W | 1980'FSL | 386'FWL | 65 |
| NW/SE | 27 | T31N | R16W | 1980'FSL | 2080'FEL | 164 |
| SE/SE | 30 | T31N | R16W | 660'FSL | 660'FEL | 5 |
| NW/NW | 34 | T31N | R16W | 730'FNL | 515'FWL | 180 |
| NW/NE | 34 | T31N | R16W | 813'FNL | 2036'FEL | 182 |
| NW/NE | 2 | T30N | R16W | 720'FNL | 2040'FEL | 229 |
| NW/NW | 29 | T31N | R16W | 660'FNL | 660'FWL | 24 |
| NW/SW | 13 | T31N | R17W | 1975'FSL | 670'FWL | 77 |
| NW/SE | 29 | T31N | R16W | 1980'FSL | 1980'FEL | 22 |
| SE/SW | 27 | T31N | R16W | 660'FSL | 1980'FWL | 171 |
| NW/SW | 35 | T31N | R16W | 1980'FSL | 660'FWL | 205 |
| SE/NW | 30 | T31N | R16W | 1980'FNL | 2061'FWL | 7 |

Environmental Protection Agency

Pt. 147, Subpt. HHH, App. A

| | Sec. | | | | | Well No. |
|-------|------|------|------|----------|----------|----------|
| NW/NE | 31 | T31N | R16W | 660'FNL | 1980'FEL | 17 |
| NW/NE | 4 | T30N | R16W | 330'FNL | 2160'FEL | 221 |
| NW/NE | 29 | T31N | R16W | 660'FNL | 1980'FEL | 26 |
| SE/NE | 34 | T31N | R16W | 1990'FNL | 645'FEL | 194 |
| SE/SE | 31 | T31N | R16W | 640'FSL | 660'FEL | 27 |
| NE/SW | 14 | T31N | R17W | 2250'FSL | 2630'FWL | 94 |
| NE/NW | 14 | T31N | R17W | 625'FNL | 1995'FWL | 69 |
| SE/NW | 10 | T30N | R16W | 1900'FNL | 2080'FWL | 271 |
| SE/SE | 29 | T31N | R16W | 560'FSL | | 21 |
| SE/NE | 30 | T31N | R16W | 1980'FNL | 660'FEL | 10 |
| SE/NW | 29 | T31N | R16W | 2080'FNL | 1980'FWL | 23 |
| NW/SE | 25 | T31N | R17W | 1980'FSL | 1980'FEL | 122 |
| SE/SW | 32 | T31N | R16W | 660'FSL | 1980'FWL | 14 |
| NW/SW | 30 | T31N | R16W | 2021'FSL | 742'FWL | 19 |
| SE/SW | 13 | T31N | R17W | 660'FSL | 1980'FWL | 82 |
| NW/NW | 27 | T31N | R16W | 520'FNL | 660'FWL | 150 |
| SE/SE | 28 | T31N | R16W | 660'FSL | 660'FEL | 169 |
| NW/SW | 29 | T31N | R16W | 1980'FSL | 660'FWL | 11 |
| SE/NW | 34 | T31N | R16W | 2310'FNL | 1650'FWL | 192 |
| SE/NW | 29 | T31N | R16W | 660'FSL | 1980'FWL | 12 |
| NW/SW | 27 | T31N | R16W | 1650'FSL | 330'FWL | 162 |
| NE/SE | 23 | T31N | R17W | 1880'FSL | 340'FEL | 96 |
| NW/SW | 24 | T31N | R17W | 2050'FSL | 990'FWL | 97 |
| SE/NW | 4 | T30N | R16W | 2060'FNL | 1710'FWL | 232 |
| NW/NW | 31 | T31N | R16W | 620'FNL | 701'FWL | 30 |
| NW/SE | 35 | T31N | R16W | 1980'FSL | 1980'FEL | 207 |
| SE/NE | 32 | T31N | R16W | 1980'FNL | 417'FEL | 20 |
| NE/NW | 28 | T31N | R16W | 1980'FNL | 1980'FEL | 152 |
| NE/NW | 34 | T31N | R16W | 2140'FSL | 735'FWL | 201 |
| SE/NW | 3 | T30N | R16W | 2310'FNL | 1640'FWL | 236 |
| SE/SW | 34 | T31N | R16W | 660'FSL | 1980'FWL | 213 |
| NW/NE | 30 | T31N | R16W | 660'FNL | 1980'FFL | 9 |
| SE/SW | 26 | T31N | R16W | 660'FSL | 1980'FWL | 175 |
| NW/SE | 30 | T31N | R16W | 1980'FSL | 1980'FEL | 6 |
| SE/NW | 9 | T30N | R16W | 1650'FNL | 2131'FWL | 264 |
| NW/SW | 4 | T30N | R16W | 2310'FSL | 4390'FEL | 242 |
| NW/SW | 2 | T30N | R16W | 1980'FSL | 660'FWL | 250 |
| NW/NW | 33 | T31N | R16W | 660'FNL | 386'FWL | 66 |
| NE/NE | 15 | T31N | R17W | 660'FNL | 660'FEL | 67 |
| NW/NE | 33 | T31N | R16W | 660'FNL | 1980'FEL | 178 |
| NW/SE | 24 | T31N | R17W | 1875'FSL | 1900'FEL | 99 |
| NW/NE | 28 | T31N | R16W | 660'FNL | 1980'FEL | 148 |
| NW/NW | 19 | T31N | R16W | 680'FNL | 682'FWL | 89 |
| NW/SE | 4 | T30N | R16W | 1820'FSL | 2130'FEL | 244 |
| SE/SW | 20 | T31N | R16W | 660'FSL | 1980'FWL | 115 |
| NW/NE | 25 | T31N | R17W | 660'FNL | 1980'FEL | 118 |
| SE/SW | 4 | T30N | R16W | 660'FSL | 3300'FEL | 253 |
| NW/SW | 19 | T31N | R16W | 1980'FSL | 706'FWL | 101 |
| NW/SE | 32 | T31N | R16W | 1950'FSL | 1980'FEL | 22 |
| NW/NW | 35 | T31N | R16W | 605'FNL | 690'FWL | 184 |
| SE/NE | 29 | T31N | R16W | 1980'FNL | 417'FEL | 25 |
| SE/NW | 19 | T31N | R16W | 1980'FNL | 2023'FWL | 95 |
| NW/NW | 32 | T31N | R16W | 660'FNL | 660'FWL | 4 |
| SE/SW | 24 | T31N | R17W | 660'FSL | 3300'FEL | 107 |
| SE/NE | 28 | T31N | R16W | 2105'FNL | 940'FEL | 154 |
| NW/NE | 35 | T31N | R16W | 610'FNL | 2000'FEL | 186 |
| SE/SW | 5 | T31N | R16W | 990'FSL | 2310'FWL | 139 |
| NW/SE | 28 | T31N | R16W | 1980'FSL | 1980'FEL | 160 |
| SE/SE | 33 | T31N | R16W | 330'FSL | 990'FEL | 211 |
| NW/NE | 5 | T30N | R16W | 330'FNL | 1650'FEL | 128 |
| SE/NW | 27 | T31N | R16W | 1900'FNL | 2050'FWL | 156 |
| SE/SW | 35 | T31N | R16W | 660'FSL | 1980'FWL | 217 |
| NW/NW | 10 | T30N | R16W | 526'FNL | 330'FWL | 265 |
| NE/SW | 21 | T31N | R16W | 1880'FSL | 1980'FWL | 143 |
| NW/NE | 24 | T31N | R17W | 409'FNL | 1914'FEL | 87 |
| NW/SW | 32 | T31N | R16W | 1980'FSL | 660'FWL | 15 |
| SE/SE | 34 | T31N | R16W | 960'FSL | 910'FEL | 215 |
| SW/SE | 21 | T31N | R16W | 820'FSL | 1820'FEL | 145 |
| SE/SE | 27 | T31N | R16W | 610'FSL | 640'FEL | 173 |
| NW/SW | 3 | T30N | R16W | 1920'FSL | 350'FWL | 246 |
| SE/SW | 19 | T31N | R16W | 601'FSL | 2002'FWL | 111 |
| SW/SE | 14 | T31N | R17W | 330'FSL | 1900'FEL | 79 |
| NW/NW | 27 | T31N | R16W | 520'FNL | 660'FWL | 150 |

| | Sec. | | | | | Well No. |
|---|------|------|------|----------|----------|----------|
| SE/NW | 31 | T31N | R16W | 1724'FNL | 2067'FWL | 29 |
| NW/NE | 32 | T31N | R16W | 660'FNL | 1980'FEL | 13 |
| SE/NE | 24 | T31N | R17W | 1998'FNL | 702'FEL | 93 |
| NW/NW | 5 | T30N | R16W | 660'FNL | 660'FWL | 126 |
| NW/SW | 28 | T31N | R16W | 1740'FSL | 590'FWL | 158 |
| SE/NE | 31 | T31N | R16W | 1980'FNL | 660'FEL | 16 |
| NW/NW | 24 | T31N | R17W | 660'FNL | 760'FWL | 85 |
| Energy Reserve Backup Inc.—Operator/Horseshoe Gallup—Field/Gallup—Formation | | | | | | |
| SE/SE | 5 | T31N | R17W | 660'FSL | 660'FEL | 4 |
| NE/SW | 10 | T30N | R16W | 1970'FSL | 2210'FWL | 31 |
| SE/NW | 11 | T30N | R16W | 2090'FNL | 2190'FWL | 29 |
| SE/SE | 10 | T30N | R16W | 700'FSL | 500'FEL | 37 |
| Solar Petroleum Inc.—Operator/Horseshoe—Field/Gallup—Formation | | | | | | |
| SW/SE | 11 | T31N | R17W | 736'FSL | 2045'FEL | 205 |
| SE/NE | 9 | T31N | R17W | 1980'FNL | 660'FEL | 122 |
| NW/SE | 4 | T31N | R17W | 1980'FSL | 1980'FEL | 127 |
| NE/NE | 10 | T31N | R17W | 660'FNL | 660'FEL | 136 |
| SE/SW | 4 | T31N | R17W | 660'FSL | 1980'FWL | 125 |
| SW/NW | 11 | T31N | R17W | 2300'FNL | 660'FWL | 206 |
| NW/SW | 4 | T31N | R17W | 1980'FSL | 660'FWL | 103 |
| SE/NW | 4 | T31N | R17W | 1989'FNL | 1980'FWL | 128 |
| NW/NW | 4 | T31N | R17W | 660'FNL | 660'FWL | 101 |
| SW/NE | 10 | T31N | R17W | 1980'FNL | 1980'FEL | 117 |
| SW/NW | 10 | T31N | R17W | 1980'FNL | 660'FWL | 108 |
| SW/SW | 10 | T31N | R17W | 660'FSL | 660'FWL | 114 |
| SW/SE | 3 | T31N | R17W | 330'FSL | 2310'FEL | 143 |
| SE/NE | 5 | T31N | R17W | 1980'FNL | 660'FEL | 302 |
| NE/NE | 5 | T31N | R17W | 1950'FNL | 1050'FEL | 307 |
| SE/SE | 9 | T31N | R17W | 990'FSL | 850'FEL | 140 |
| NE/NW | 10 | T31N | R17W | 660'FNL | 1980'FWL | 118 |
| SW/SW | 11 | T31N | R17W | 660'FSL | 660'FWL | 204 |
| NW/SE | 9 | T31N | R17W | 1980'FSL | 1980'FEL | 115 |
| SW/SE | 10 | T31N | R17W | 990'FSL | 1980'FEL | 144 |
| NW/NE | 9 | T31N | R17W | 660'FNL | 1980'FEL | 123 |
| NE/SW | 10 | T31N | R17W | 1980'FSL | 1980'FWL | 109 |
| NE/SW | 11 | T31N | R17W | 1980'FSL | 1980'FWL | 203 |
| SE/NW | 9 | T31N | R17W | 1980'FNL | 1980'FWL | 134 |
| NW/SW | 3 | T31N | R17W | 1980'FSL | 660'FWL | 132 |
| SW/SW | 3 | T31N | R17W | 560'FSL | 660'FWL | 110 |
| NW/NW | 9 | T31N | R16W | 660'FNL | 660'FWL | 133 |
| SE/SE | 4 | T31N | R17W | 660'FSL | 660'FEL | 124 |
| WTR Oil Co.—Operator/Horseshoe Gallup—Field/Gallup—Formation | | | | | | |
| NE/SW | 33 | T32N | R17W | 1980'FSL | 1989'FWL | 2 |
| Arco Oil & Gas Co.—Operator/Many Rocks Gallup—Field/Gallup—Formation | | | | | | |
| NW/NW | 7 | T31N | R16W | 898'FNL | 500'FWL | 2 |
| SW/NE | 17 | T31N | R16W | 1673'FNL | 1789'FEL | 21 |
| NW/SE | 17 | T31N | R16W | 1890'FSL | 2150'FEL | 23 |
| SW/NE | 7 | T31N | R16W | 2310'FNL | 2310'FEL | 6 |
| NE/SW | 8 | T31N | R16W | 1650'FSL | 1650'FWL | 12 |
| NE/NW | 17 | T31N | R16W | 660'FNL | 2030'FWL | 18 |
| NE/NE | 18 | T31N | R16W | 360'FNL | 855'FEL | 16 |
| SE/SW | 7 | T31N | R16W | 716'FSL | 2185'FWL | 13 |
| SE/SE | 17 | T31N | R16W | 660'FSL | 660'FEL | 26 |
| NE/SW | 17 | T31N | R16W | 2040'FSL | 2070'FWL | 22 |
| SW/SW | 6 | T31N | R16W | 330'FSL | 330'FWL | 1 |
| SW/NW | 17 | T31N | R16W | 2073'FNL | 641'FWL | 19 |
| NW/SW | 17 | T31N | R16W | 1967'FSL | 981'FWL | 8 |
| James P. Woosley—Operator/Many Rocks Gallup—Field/Gallup—Formation | | | | | | |
| NW/NE | 20 | T32N | R17W | 330'FNL | 2310'FEL | 13 |
| SW/SW | 27 | T32N | R17W | 660'FSL | 990'FWL | 1 |
| SW/NW | 17 | T32N | R17W | 2310'FWL | 330'FWL | 4 |
| SW/NW | 27 | T32N | R17W | 260'FWL | 1360'FNL | 11 |
| NE/SW | 27 | T32N | R17W | 1980'FSL | 1980'FWL | 6 |
| NE/SE | 18 | T32N | R17W | 2474'FSL | 133'FEL | 18 |

Environmental Protection Agency

§ 147.3101

| | Sec. | | | | | Well No. |
|---|------|------|------|----------|----------|----------|
| SW/SE | 27 | T32N | R17W | 625'FNL | 2000'FEL | 3 |
| NE/SE | 28 | T32N | R17W | 1980'FSL | 330'FEL | 12 |
| Solar Petroleum Inc.—Operator/Many Rocks Gallup—Field/Gallup—Formation | | | | | | |
| SE/NW | 1 | T31N | R17W | 1980'FNL | 1980'FWL | 216 |
| NW/NE | 2 | T31N | R17W | 805'FNL | 940'FEL | 215 |
| SE/NE | 2 | T31N | R17W | 1980'FNL | 660'FEL | 218 |
| NW/SW | 1 | T31N | R17W | 2310'FSL | 990'FNL | 223 |
| SE/NE | 12 | T31N | R17W | 1820'FNL | 500'FEL | 217 |
| WTR Oil Co.—Operator/Many Rocks Gallup—Field/Gallup—Formation | | | | | | |
| NW/NW | 35 | T32N | R17W | 810'FNL | 510'FWL | 11 |
| SE/SE | 35 | T32N | R17W | 660'FSL | 660'FEL | 6 |
| SE/NE | 34 | T32N | R17W | 775'FEL | 1980'FNL | 8 |
| SE/NW | 35 | T32N | R16W | 1980'FNL | 1980'FWL | 9 |
| NW/SE | 35 | T32N | R17W | 1980'FSL | 1980'FEL | 7 |
| Chaco Oil Co.—Operator/Red Mtn Meseverde—Field/Menefee—Formation | | | | | | |
| NE/NE | 29 | T20N | R9W | 395'FNL | 1265'FEL | 6 |
| SE/SW | 20 | T20N | R9W | 442'FSL | 2430'FWL | 17 |
| Geo Engineering Inc.—Operator/Red Mtn Meseverde—Field/Menefee—Formation | | | | | | |
| NW/NE | 29 | T20N | R9W | 160'FNL | 2135'FEL | 35 |
| NE/NE | 29 | T20N | R9W | 225'FNL | 1265'FEL | 7 |
| SE/NW | 29 | T20N | R9W | 1344'FNL | 2555'FWL | 20 |
| NW/NE | 29 | T20N | R9W | 615'FNL | 1920'FEL | 5 |
| NE/NW | 29 | T20N | R9W | 834'FNL | 2113'FWL | 21 |
| SW/SE | 20 | T20N | R9W | 265'FSL | 2150'FEL | 36 |
| NE/NE | 29 | T20N | R9W | 5'FNL | 1130'FEL | 8 |
| SE/SE | 20 | T20N | R9W | 450'FSL | 1145'FEL | 24 |
| SE/SE | 20 | T20N | R9W | 990'FSL | 1280'FEL | 10 |
| NW/NE | 29 | T20N | R9W | 1115'FNL | 2325'FEL | 22 |
| SE/SE | 20 | T20N | R9W | 1085'FSL | 860'FEL | 12 |
| Tesoro Petroleum Co.—Operator/S. Hospah Lower Sand—Field/Hospah—Formation | | | | | | |
| NW/SE | 6 | T17N | R8W | 2310'FSL | 2310'FEL | 28 |
| SW/SE | 6 | T17N | R8W | 990'FSL | 2310'FFL | 34 |
| SW/SW | 6 | T17N | R8W | 5'FSL | 20'FWL | 18 |
| SE/SW | 6 | T17N | R8W | 5'FSL | 2635'FWL | 20 |

Subpart III—Lands of Certain Oklahoma Indian Tribes

SOURCE: 53 FR 43109, Oct. 25, 1988, unless otherwise noted.

§ 147.3100 EPA-administered program.

(a) *Contents.* The UIC program for the Indian lands in Oklahoma, except for that covering the Class II wells of the Five Civilized Tribes, is administered by EPA. The UIC program for all wells on Indian lands in Oklahoma, except Class II wells on the Osage Mineral Reserve (found at 40 CFR part 147, Subpart GGG) and the Class II program for the Five Civilized Tribes, consists of the UIC program requirements of 40 CFR parts 124, 144, 146, 148, and additional requirements set forth in the re-

mainder of this subpart. Injection well owners and operators, and EPA shall comply with these requirements.

(b) *Effective date.* The effective date for the UIC program for all wells on Indian lands except Class II wells on the Osage Mineral Reserve and Class II wells on the lands of the Five Civilized Tribes is November 25, 1988.

[53 FR 43109, Oct. 25, 1988, as amended at 56 FR 9422, Mar. 6, 1991]

§ 147.3101 Public notice of permit actions.

(a) In addition to the notice requirements of § 124.10 of this chapter, the Director shall provide to the affected Tribal government all notices given to an affected State government under § 124.10(c) of this chapter.