Appendix A

Principal Information for 337 Aquifer Wells Initially Considered for Planned Gyroscopic Logging

Table A-1. Principal information for 337 aauifer wells initiallv considered for planned gyroscopic loaaina.

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
1	01S27E14DCC1		Offsite	not found	not found	not found	989	1012	no	—	inaccessible (D-3)
2	04N26E32CBB1		Offsite	not found	not found	not found	not found	not found	no	—	inaccessible (D-3)
58	ACRE I WELL		ARA	Abandoned	not found	2" steel (galvanized)	not found	not found	no	—	inaccessible (D-3)
69	ANP-01		TSF	Active	cable tool	steel (0-200); uncased? (200-355)?	202	220	no	—	cable-tool (D-4)
70	ANP-02		TSF	Active	cable tool	steel (-5-235)	207	221	no	—	cable-tool (D-4)
71	ANP-03		TSF	Active	cable tool	steel (-2-180)	182	201	no	—	cable-tool (D-4)
72	ANP-04	IET-DISP	IET	Active	cable tool	steel (-2-324)	202	215	no	—	cable-tool (D-4)
73	ANP-05		TAN	Active	cable tool	steel (-2-296)	284	296	no	—	cable-tool (D-4)
74	ANP-06		TAN	Active	cable tool	steel (-2-211)	206	221	no	—	cable-tool (D-4)
75	ANP-07		TAN	Active	cable tool	steel (-2-354)	345	357	no	—	cable-tool (D-4)
76	ANP-08		WRRTF	Active	cable tool	steel (-2-233)	not found	not found	no	—	cable-tool (D-4)
77	ANP-09		TAN	Active	cable tool	steel (-2-237)	214	228	no	—	cable-tool (D-4)
78	ANP-10		TAN	Active	cable tool	steel (-2-552)	216	224	no	—	cable-tool (D-4)
79	APOLLO WELL		Offsite	not found	not found	not found	not found	not found	no	—	inaccessible (D-3)
80	ARA-1	ARA2 Product-ion	ARA	Inactive	cable tool	steel (-2-618)	603	608	YES	—	cable-tool (D-4)
81	ARA-3		ARA	Inactive	cable tool	steel (-2-978)	592	593	YES	—	cable-tool (D-4)
82	ARBOR TEST		ANL	Active	cable tool	steel (-2-680)	672	683	no	—	cable-tool (D-4)
83	ARCHER		Offsite	not found	not found	not found	230	246	no	—	inaccessible (D-3)
84	ARCO TEST		Offsite	not found	not found	not found	578	610	no	—	inaccessible (D-3)
85	ATOMIC CITY		Offsite	not found	cable tool	steel (0-35)	587	589	no	—	inaccessible (D-3)
88	BADGING FACILITY WELL		South site	Active	air rotary	steel (-1-482)	not found	not found	no	—	inaccessible (D-3)
91	CCC WELL 3		Offsite	not found	cable tool	steel (0-437)	not found	not found	no	—	inaccessible (D-3)
92	CERRO GR&E		Offsite	not found	cable tool	steel (0-?)	527	558	no	—	inaccessible (D-3)
93	CFA-1		CFA	Active	cable tool	steel (6-444)	467	480	YES	—	cable-tool (D-4)
94	CFA-2		CFA	Active	cable tool	steel (6-521)	469	521	no	—	cable-tool (D-4)
96	COREHOLE 1		South site	Active	cored	not found (0-836)	929	938	YES	—	magdev failed screening (D-6A)
97	COREHOLE 2A		Mid-site	Active	continuously cored	steel (-1-1936)	204	214	no		non-magdev high-priority (D-5A)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
98	CPP-01		ICPP/INTEC	Active	cable tool	steel (-1-460)	443	456	YES	—	cable-tool (D-4)
99	CPP-02		ICPP/INTEC	Active	cable tool	steel (0-458)	444	456	no	—	cable-tool (D-4)
101	CPP-04		ICPP	Active	not found (drilled 1983)	steel (7-450)	not found	not found	no	—	non-magdev high-priority (D-5A)
132	CROSS ROADS		Offsite	Inactive; backfilled to 563	not found	8" (0-746); 6" (746-796); built circa 1976 assume steel	582	582	no	—	inaccessible (D-3)
147	DH-1B		Mid-site	Active	air rotary	steel (-1-380)	246	286	no	—	USGS (D-2)
148	DH-2A		Mid-site	Active	air rotary	steel (-1-415)	252	284	no	—	USGS (D-2)
149	EBR-1		EBR	Active	cable tool	steel (8-600)	576	596	no	—	cable-tool (D-4)
150	EBR-II #1		ANL	Active	cable tool	steel (0-645)	632	633	no	—	cable-tool (D-4)
151	EBR-II #2		ANL	Active	cable tool	steel (-2-650)	not found	not found	no	—	cable-tool (D-4)
153	EOCR PRODUCTION WELL		South site	Inactive	cable tool	wrought iron (-2-1052)	484	485	no	—	inaccessible (D-3)
154	FET-1		CTF	Active	cable tool	steel (-2-230)	199	202	no	—	cable-tool (D-4)
155	FET-2		CTF	Active	cable tool	steel (-2-209)	200	202	no	—	cable-tool (D-4)
156	FET-3		CTF	Active	cable tool	steel (-2-175)	194	206	no	—	cable-tool (D-4)
157	FINGER'S BUTTE BLM		Offsite	not found	cable tool	steel (0-994)	not found	not found	no	—	inaccessible (D-3)
158	FIRE STATION WELL		WAG 10	Active	cable tool	steel (-2-427)	416	421	no	—	cable-tool (D-4)
159	GIN-01		WRRTF	Active	cable tool	steel (-1-48)	207	214	no	—	cable-tool (D-4)
160	GIN-02		WRRTF	Active	cable tool	steel (-2-43)	201	212	no	—	cable-tool (D-4)
161	GIN-03		WRRTF	Active	cable tool	steel (-2-176)	206	213	no	—	cable-tool (D-4)
162	GIN-04		WRRTF	Active	cable tool	steel (-2-41)	206	213	no	—	cable-tool (D-4)
163	GIN-05		WRRTF	Active	hydraulic rotary	steel (-2-30)	206	213	no	—	non-magdev high-priority (D-5A)
179	GRAZING-1		Offsite	not found	cable tool	steel (0-172)	162	172	no	—	inaccessible (D-3)
180	GRAZING-2		Offsite	not found	cable tool	steel (6-371)	350	363	no	—	inaccessible (D-3)
181	HANSEN		Offsite	not found	cable tool	steel (0-100)	88	120	no	—	inaccessible (D-3)
182	HIGHWAY 1(A),1(B),1(C)		Offsite	not found	cable tool	steel (0-1297) (-1-917) (-1-651)	573	587	no	—	cable-tool (D-4)
183	HIGHWAY 2		Offsite	Active	cable tool	steel (-2-741)	716	728	no	—	cable-tool (D-4)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
184	HIGHWAY 3		South site	Active	cable tool	steel (-1-680)	537	539	no	—	cable-tool (D-4)
185	IDAHO FISH & GAME		Offsite	not found	cable tool	steel (2-66)	29	65	no	—	inaccessible (D-3)
186	INEL-1		Mid-site	Active	rotary	steel (0-6796)	304	309	no	—	non-magdev high-priority (D-5A)
187	LEO ROGER'S 1		Offsite	Active	cable tool	steel (0-20)	not found	not found	no	—	cable-tool (D-4)
188	LEO ROGER'S 2		Offsite	not found	cable tool	steel (0-20)	not found	not found	no	—	inaccessible (D-3)
196	LF2-08		CFA	Active	air rotary	steel (-2-445)	472	481	no	photogyro	gyro (D-1)
197	LF2-09		CFA	Active	rotary	steel (-2-464)	475	484	YES	digital gyro	gyro (D-1)
198	LF2-10		CFA	Active	air rotary	steel (-1-676); stainless (452-725)	475	483	no	photogyro	gyro (D-1)
199	LF2-11		CFA	Active	air rotary	steel (-2-460)	466	475	no	photogyro	gyro (D-1)
207	LF3-08		CFA	Active	air rotary	steel (-2-460)	482	492	no	photogyro	gyro (D-1)
208	LIND & BOTT		Offsite	not found	not found	not found	90	129	no	—	inaccessible (D-3)
230	MINIDOKA WATER SYSTEM		Offsite	not found	not found	not found	not found	not found	no	—	inaccessible (D-3)
231	MTR TEST		TRA	Active	cable tool	steel (-1-447)	447	468	YES	—	cable-tool (D-4)
232	MUD-LAKE		Offsite	not found	not found	not found	not found	not found	no	—	inaccessible (D-3)
236	NO NAME 01		TAN	Active	cable tool	steel (-2-265)	198	213	no	—	cable-tool (D-4)
237	NO OWN 01		Offsite	not found	not found	not found	not found	not found	no	—	inaccessible (D-3)
238	NO OWN 24		Offsite	Inactive	augering	steel (-2-52)	13	31	no	—	inaccessible (D-3)
239	NPR TEST		South site	Active	air rotary	steel (-2-504)	455	468	no	—	non-magdev high-priority (D-5A)
240	NRF-1		NRF	Active	cable tool	steel (0-394)	359	366	no	—	cable-tool (D-4)
241	NRF-2		NRF	Active	cable tool	steel (-1-373)	359	367	no	—	cable-tool (D-4)
242	NRF-3		NRF	Active	cable tool	steel (-2-481)	361	372	no	—	cable-tool (D-4)
243	NRF-S5G		NRF	Inactive	rotary dry hole rig	18" (0-597); not found (894-1194)	—	—	no	—	inaccessible (D-3)
244	NRF-S5G TEST WELL		NRF	Backfilled	not found	not found (370-394)	425	440	no	—	inaccessible (D-3)
245	NTP-AREA 2		ARA	Active	cable tool	steel (-5-676)	664	673	no	—	cable-tool (D-4)
246	OMRE		South site	inactive	cable tool	steel (0-920)	480	498	no	—	cable-tool (D-4)
247	OWSLEY WELL 2		TAN	Active	cable tool	steel (4-252)	216	227	no	—	cable-tool (D-4)
248	P&W-1		TAN	Active	cable tool	steel (-2-322)	307	319	no	—	cable-tool (D-4)
249	P&W-2		TAN	Active	cable tool	steel (-2-313)	303	317	no	—	cable-tool (D-4)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
250	P&W-3		TAN	Active	cable tool	wrought iron (-2-322)	297	309	no	—	cable-tool (D-4)
253	PARK BELL		Offsite	not found	air rotary	steel (-1-40)	18	33	no	—	inaccessible (D-3)
256	PSTF TEST		TAN	Active	cable tool	steel (-2-190)	200	215	no	—	cable-tool (D-4)
266	QUAKING ASPEN BUTTE		Offsite	Active	air rotary	steel (0-1036)	759	766	no	—	inaccessible (D-3)
267	RIFLE RANGE WELL		South site	Active	air rotary	steel (-1-600)	not found	not found	no	—	inaccessible (D-3)
268	RWMC PRODUCTION		RWMC	Active	cable tool	steel (0-590)	565	565	YES	—	inaccessible (D-3)
269	SIMPLOT 1		Offsite	not found	cable tool	steel (-1-106)	115	127	no	—	inaccessible (D-3)
270	SIMPLOT 2		Offsite	not found	cable tool	steel (0-23)	313	324	no	—	inaccessible (D-3)
272	SITE 01 WATER		Offsite	not found	cable tool	steel (-2-1030)	656	986	no	—	USGS (D-2)
273	SITE-04		South site	Active	cable tool	steel (-2-416)	395	397	no	—	USGS (D-2)
274	SITE-06		Mid-site	Active	cable tool	steel (0-366)	346	363	no	—	USGS (D-2)
275	SITE-09		South site	Active	cable tool	steel (-2-1000)	465	476	no	—	USGS (D-2)
276	SITE-14		Mid-site	Active	cable tool	steel (-2-535)	256	277	no	—	USGS (D-2)
277	SITE-16		ANL	Active	cable tool	wrought iron (-2-655)	631	639	YES	—	USGS (D-2)
278	SITE-17		Mid-site	Active	cable tool	steel (-2-15)	381	404	no	—	USGS (D-2)
279	SITE-19		TRA	Active	cable tool	steel (0-781)	460	473	no	—	USGS (D-2)
280	SPERT-1		PBF	Active	cable tool	steel (-3-482)	455	471	no	—	cable-tool (D-4)
281	SPERT-2		PBF	Active	cable tool	steel (-2-950)	463	463	no	—	cable-tool (D-4)
285	SWEET SAGE		Offsite	not found	cable tool	steel (-1-100)	51	84	no	—	inaccessible (D-3)
336	T. SMITH		Offsite	not found	not found	not found	334	340	no	—	inaccessible (D-3)
337	TCH-1	TAN-CH2 MON. 1	TAN-TSF	Inactive	auger/core	pvc (-2-389)	211	211	no	—	inaccessible (D-3)
338	TAN DRAINAGE DISP. 01		TSF	Active	not found	steel (4-206)	not found	notfound	no	—	non-magdev, non-exempt (D-5B)
339	TAN DRAINAGE DISP. 02		TSF	Active	not found	steel (4-262)	not found	notfound	no	—	non-magdev, non-exempt (D-5B)
340	TAN DRAINAGE DISP. 03		CTF	Active	not found	steel (32-302)	not found	notfound	no	—	non-magdev, non-exempt (D-5B)
342	TAN-03		TSF	Active	air rotary	steel (-4-231)	not found	notfound	no	—	non-magdev, non-exempt (D-5B)
343	TAN-04		TSF	Active	air rotary	steel (0-214)	222	225	no	—	non-magdev, non-exempt (D-5B)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
344	TAN-05		TSF	Active	air rotary	steel (-4-282)	222	225	no	—	non-magdev, non-exempt (D-5B)
345	TAN-08		TSF	Active	air rotary	steel (-2-229)	213	218	no	—	non-magdev, non-exempt (D-5B)
346	TAN-09		TSF	Active	air rotary	steel (-5-300)	201	204	no	—	non-magdev, non-exempt (D-5B)
347	TAN-10		TSF	Active; Damaged	air rotary	steel (-3-214)	not found	not found	no	—	inaccessible (D-3)
348	TAN-1OA		TSF	Active	rotary	steel (3-216)	201	204	no	—	non-magdev, non-exempt (D-5B)
349	TAN-11		TSF	Active	air rotary	steel (-2-290)	200	204	no	—	non-magdev, non-exempt (D-5B)
356	TRA-01		TRA	Active	cable tool	wrought iron (-1-481)	450	460	no	—	cable-tool (D-4)
357	TRA-02		TRA	Inactive	cable tool	steel (-2-490)	452	482	no	—	cable-tool (D-4)
358	TRA-03		TRA	Active	cable tool	steel (-3-470)	452	457	no	—	cable-tool (D-4)
359	TRA-04		TRA	Active	cable tool	steel (0-900)	not found	not found	no	—	cable-tool (D-4)
360	TRA DISPOSAL		TRA	Active	cable tool & air rotary?	steel (-2-928)	433	469	no	—	non-magdev high-priority (D-5A)
449	USBLM 1		Offsite	not found	cable tool	steel (0-41)	2	43	no	—	USGS (D-2)
450	USGS-001		South site	Active	cable tool	steel (-1-600)	582	591	YES	—	USGS (D-2)
451	USGS-002		South site	Active	cable tool	steel (-2-675)	651	662	no	—	USGS (D-2)
453	USGS-004		Mid-site	Active	cable tool	steel (-2-285)	252	268	no	—	USGS (D-2)
454	USGS-005		South site	Active	cable tool	steel (-1-475)	460	472	no	—	USGS (D-2)
455	USGS-006		Mid-site	Active	cable tool	steel (-2-532)	406	418	no	—	USGS (D-2)
456	USGS-007		TAN	Active	cable tool	steel (-1-760)	204	221	no	—	USGS (D-2)
457	USGS-008		Offsite	Active	cable tool	steel (-2-782)	750	770	no	—	USGS (D-2)
458	USGS-009		South site	Active	cable tool	steel (-1-620)	594	610	YES	—	USGS (D-2)
459	USGS-010A		Offsite	Active	cable tool	not found	not found	not found	no	—	USGS (D-2)
460	USGS-011		Offsite	Active	cable tool	steel (-2-673)	645	655	no	—	USGS (D-2)
461	USGS-012		Mid-site	Active	cable tool	steel (-1-388); steel (335-587)	308	336	no	—	USGS (D-2)
462	USGS-013		Offsite	Active	cable tool	6" (0-998) circa yr 1951; assume steel	981	989	no	—	USGS (D-2)
463	USGS-014		Offsite	Active	cable tool	steel (-1-752)	709	719	no	—	USGS (D-2)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
464	USGS-015		Mid-site	Active	cable tool	steel (-1-540) (1127-1229)	302	334	no	—	USGS (D-2)
465	USGS-016		Offsite	Active	cable tool	steel (-2-739)	683	691	no	—	USGS (D-2)
466	USGS-017		Mid-site	Active	cable tool	steel (-2-406)	342	360	no	—	USGS (D-2)
467	USGS-018		Mid-site	Active	cable tool	steel (-2-255)	258	277	no	—	USGS (D-2)
468	USGS-019		Mid-site	Active	cable tool	steel (-2-285)	251	281	no	—	USGS (D-2)
469	USGS-020		ICPP	Active	cable tool	steel (-2-404) (552-676)	453	465	no	photogyro	gyro (D-1)
470	USGS-021		Mid-site	Active	cable tool	steel (-1-405)	324	338	no	—	USGS (D-2)
471	USGS-022		South site	Active	cable tool	steel (-2-619)	510	642	no	—	USGS (D-2)
472	USGS-023		Mid-site	Active	cable tool	steel (-1-410)	382	407	no	—	USGS (D-2)
473	USGS-024		TSF	Active	cable tool	steel (-2-255)	207	275	no	—	USGS (D-2)
474	USGS-025		TAN	Active	cable tool	steel (-4-285)	220	275	no	—	USGS (D-2)
475	USGS-026		TAN	Active	cable tool	steel (-1-232)	200	215	no	—	USGS (D-2)
476	USGS-027		NORTH	Active	cable tool	steel (-2-250)	218	230	no	—	USGS (D-2)
477	USGS-028		Mid-site	Active	cable tool	steel (0-254)	225	236	no	—	USGS (D-2)
478	USGS-029		Mid-site	Active	cable tool	steel (-2-328)	346	360	no	—	USGS (D-2)
479	USGS-030A		Mid-site	Active	cable tool	steel (-2-725)	250	263	no	—	USGS (D-2)
479	USGS-030B		Mid-site	Active	cable tool	steel (-2-400)	257	274	no	—	USGS (D-2)
479	USGS-030C		Mid-site	Active	cable tool	steel (-2-357)	259	276	no	—	USGS (D-2)
480	USGS-031		Mid-site	Active	cable tool	steel (-1-270)	250	260	no	—	USGS (D-2)
481	USGS-032		Mid-site	Active	cable tool	steel (-3-306)	282	294	no	—	USGS (D-2)
483	USGS-034		ICPP	Active	cable tool	steel (-1-700)	459	476	no	photogyro	gyro (D-1)
484	USGS-035		ICPP	Active	cable tool	steel (-2-143)	463	477	no	photogyro	gyro (D-1)
485	USGS-036		ICPP	Active	cable tool	steel (-1-430)	447	477	no	photogyro	gyro (D-1)
486	USGS-037		ICPP	Active	cable tool	steel (-2-507)	462	476	no	photogyro	gyro (D-1)
487	USGS-038		ICPP	Active	cable tool	steel (-1-678)	463	478	no	photogyro	gyro (D-1)
488	USGS-039		ICPP	Active	cable tool	steel (-1-48)	465	479	no	photogyro	gyro (D-1)
489	USGS-040		ICPP	Active	cable tool	steel (-2-447)	446	463	YES	—	USGS (D-2)
490	USGS-041		ICPP	Active	cable tool	steel (-2-428)	448	463	YES	—	USGS (D-2)
491	USGS-042		ICPP	Active	cable tool	steel (-2-453)	449	464	YES	—	USGS (D-2)
492	USGS-043		ICPP	Active	cable tool	steel (-2-451)	447	462	YES	—	USGS (D-2)
493	USGS-044		ICPP	Active	cable tool	wrought iron (-2-461)	449	464	YES	—	USGS (D-2)
494	USGS-045		ICPP	Active	cable tool	steel (-2-461)	450	466	YES	—	USGS (D-2)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
495	USGS-046		ICPP	Active	cable tool	steel (-2-461)	448	463	YES	—	USGS (D-2)
496	USGS-047		ICPP	Active	cable tool	steel (-1-458)	446	461	YES	—	USGS (D-2)
497	USGS-048		ICPP	Active	cable tool	steel (-2-462)	448	464	YES	—	USGS (D-2)
498	USGS-049		ICPP	Inactive	cable tool	6" (-2-459) circa yr 1960; assume steel	448	457	YES	—	USGS (D-2)
500	USGS-051		ICPP	Active	cable tool	steel (-2-475)	451	464	no	—	USGS (D-2)
501	USGS-052		ICPP	Active	cable tool	steel (0-450)	444	456	YES	—	USGS (D-2)
506	USGS-057		ICPP	Active	cable tool	steel (-2-474)	458	666	no	photogyro	gyro (D-1)
507	USGS-058		TRA	Active	cable tool	steel (-2-218)	451	465	no	—	USGS (D-2)
508	USGS-059		ICPP	Active	cable tool	6.67" (-2-464) in year 1960; assume steel	447	460	YES	—	USGS (D-2)
514	USGS-065		TRA	Active	cable tool	steel (-1-327)	459	470	no	—	USGS (D-2)
516	USGS-067		ICPP	Active	cable tool	steel (-2-450)	448	461	no	—	USGS (D-2)
525	USGS-076		TRA	Active	cable tool	8" steel (0-268); unk 6" (0-457); in year 1963; assume steel	465	477	no	—	USGS (D-2)
526	USGS-077		ICPP	Active	cable tool	steel (-2-470)	457	469	no	photogyro	gyro (D-1)
528	USGS-079		TRA	Active	cable tool	6" unk (0-281) in year 1962; assume steel; open 281-702	465	478	no	—	USGS (D-2)
531	USGS-082		ICPP	Active	cable tool	steel (-2-460)	440	454	no	photogyro	gyro (D-1)
532	USGS-083		South site	Active	cable tool	steel (-2-516)	492	502	YES	—	USGS (D-2)
533	USGS-084		TRA	Active	cable tool	steel (-2-420)	472	485	YES	—	USGS (D-2)
534	USGS-085		ICPP	Active	cable tool	steel (-2-522)	474	487	no	photogyro	gyro (D-1)
535	USGS-086		South site	Active	cable tool	steel (0-48)	635	653	YES	—	USGS (D-2)
536	USGS-087		RWMC	Active	cable tool	steel (-2-585)	575	592	no	—	USGS (D-2)
537	USGS-088		RWMC	Active	cable tool	steel (-2-587)	513	594	YES	—	USGS (D-2)
538	USGS-089		RWMC	Active	cable tool	steel (-2-576)	580	607	YES	—	USGS (D-2)
539	USGS-090		RWMC	Active	cable tool	steel (-1-580)	569	586	no	—	USGS (D-2)
546	USGS-097		NRF	Active	air rotary	steel (-1-388)	367	387	no	—	USGS (D-2)
547	USGS-098		Mid-site	Active	air rotary	steel (-1-407)	396	417	no	digital gyro	gyro (D-1)
548	USGS-099		Mid-site	Active	air rotary	steel (-2-345)	382	401	no	—	USGS (D-2)
549	USGS-100		ANL	Active	air rotary	steel (-1-662)	669	680	no	digital gyro	gyro (D-1)
550	USGS-101		South site	Active	air rotary	steel (-1-774)	763	774	YES	—	USGS (D-2)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
551	USGS-102		NRF	Active	air rotary	steel (-2-360)	367	378	no	—	USGS (D-2)
552	USGS-103		South site	Active	air rotary	steel (0-575)	574	586	no	—	USGS (D-2)
553	USGS-104		South site	Active	air rotary	steel (0-550)	454	559	YES	—	USGS (D-2)
554	USGS-105		South site	Active	air rotary	steel (0-400)	658	673	no	digital gyro	gyro (D-1)
555	USGS-106		South site	Active	air rotary	steel (-2-400)	576	591	YES	—	USGS (D-2)
556	USGS-107		South site	Active	air rotary	steel (0-270)	473	482	no	—	USGS (D-2)
557	USGS-108		South site	Active	air rotary	steel (0-400)	598	611	YES	—	USGS (D-2)
558	USGS-109		South site	Active	air rotary	steel (0-600)	607	623	YES	—	USGS (D-2)
559	USGS-110a		South site	Active	air rotary	steel (0-580)	562	571	YES	—	USGS (D-2)
560	USGS-111		ICPP	Active	air rotary	steel (-2-430)	460	570	no	photogyro	gyro (D-1)
561	USGS-112		ICPP	Active	hydraulic rotary	steel (-2-430)	465	478	YES	photogyro	gyro (D-1)
562	USGS-113		ICPP	Active	hydraulic rotary	steel (-2-443)	462	479	YES	digital gyro	gyro (D-1)
563	USGS-114		ICPP	Active	hydraulic rotary	steel (-2-440)	459	471	no	photogyro	gyro (D-1)
564	USGS-115		ICPP	Active	air rotary	steel (-2-437)	457	469	no	photogyro	gyro (D-1)
565	USGS-116		ICPP	Active	air rotary	steel (-2-401)	451	466	YES	photogyro	gyro (D-1)
566	USGS-117		RWMC	Active	air rotary	steel (-2-553)	484	598	YES	—	USGS (D-2)
567	USGS-118		RWMC	Active	air rotary/core	galvnzd. steel (-2-587)	582	587	YES	digital gyro	gyro (D-1)
568	USGS-119		RWMC	Active	air rotary	steel (-2-584)	600	610	YES	—	USGS (D-2)
569	USGS-120		RWMC	Active	air rotary	steel (-2-587)	610	618	YES	—	USGS (D-2)
570	USGS-121		ICPP	Active	rotary-coring	steel (-2-432)	447	458	YES	digital gyro	gyro (D-1)
571	USGS-122		ICPP	Active	rotary-coring	steel (-2-439)	451	461	YES	—	USGS (D-2)
572	USGS-123		ICPP	Active	rotary-coring	steel (-2-440)	457	466	YES	—	USGS (D-2)
595	WATER SUPPLY INEL 1	WSI-1	Mid-site	Active	air rotary	steel (-2-340)	384	402	no	—	non-magdev high-priority (D-5A)
596	WEAVER & LOWE		Offsite	not found	cable tool	steel (0-970)	790	837	no	—	inaccessible (D-3)
597	WHEATGRASS DEPT. WATER		Offsite	Active	reverse rotary	steel (-2-815)	not found	not found	no	—	inaccessible (D-3)
719	ANL-M11	ANL-MON-A-011	ANL	active	air rotary	steel (3-231); uncased ? (231-602)?	631	635	no	—	non-magdev high-priority (D-5A)
722	LF3-11		CFA	Active	mud rotary & air hammer	stainless (-2-472)	478	490	YES	photogyro	gyro (D-1)
724	LF2-12		CFA	Active	mud rotary & air hammer	stainless (-2-470)	476	476	YES	photogyro	gyro (D-1)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
726	LF3-09		CFA	Active	mud rotary & air hammer	stainless (-1-480)	479	488	YES	photogyro	gyro (D-1)
727	LF3-10		CFA	Active	mud rotary & air hammer	stainless (-2-481)	479	490	YES	photogyro	gyro (D-1)
728	TAN-17		TAN	Active	rotary	pvc (-2-150); stainless (150-320)	213	213	no	—	non-magdev, non-exempt (D-5B)
729	TCH-2	TAN-CH2 MON. 2	TAN	Active	rotary	galvan. steel (-2-1080)	214	214	no	—	non-magdev, non-exempt (D-5B)
731	TRA-07		TRA	Active	rotary	stainless (-3-465)	469	476	no	—	non-magdev high-priority (D-5A)
732	TRA-08		TRA	Active	rotary	steel (0-405)	474	479	no	digital gyro	gyro (D-1)
746	TAN-06		TAN	Active	rotary	stainless (-3-235)	208	211	no	—	non-magdev, non-exempt (D-5B)
747	TAN-07		TSF	Active	rotary	stainless (-3-318)	208	211	no	—	non-magdev, non-exempt (D-5B)
748	TAN-12		TSF	Active	rotary	stainless (0-362)	201	204	no	—	non-magdev, non-exempt (D-5B)
749	TAN-13A		TSF	Active	rotary	stainless (-3-216)	202	206	no	—	non-magdev, non-exempt (D-5B)
750	TAN-14		TSF	Active	rotary	stainless (-2-376)	203	206	no	—	non-magdev, non-exempt (D-5B)
751	TAN-15		TAN	Active	rotary	sch 5 stainless (-2-232)	208	211	no	—	non-magdev, non-exempt (D-5B)
752	TAN-16		TSF	Active	rotary	sch 5 stainless (-2-322)	208	211	no	—	non-magdev, non-exempt (D-5B)
765	M1SA	RWMC-M1S	RWMC	Active	revcirc, hammer	stainless (-2-608)	580	596	YES	—	magdev failed screening (D-6A)
766	M3S	RWMC-M3S	RWMC	Active	revcirc, hammer	stainless (-1-603)	584	592	YES	—	magdev failed screening (D-6A)
767	M4D	RWMC-M4D	RWMC	Active	revcirc. hammer	stainless (-1-798)	587	599	YES	—	magdev failed screening (D-6A)
768	M6S	RWMC-M6S	RWMC	Active	revcirc, hammer	stainless (-1-638)	637	642	YES	—	magdev non-exempt (D-6B)
769	M7S	RWMC-M7S	RWMC	Active	revcirc, hammer	stainless (-1-598)	572	580	YES	—	magdev failed screening (D-6A)
770	M10S		RWMC	Active	revcirc. hammer	stainless (-1-618)	591	598	YES	—	magdev non-exempt (D-6B)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
790	TAN-18		TSF	Active	air rotary	steel (0-448); stainless (0-496)	224	226	YES	—	magdev failed screening (D-6A)
791	TAN-19		TSF	Active	air rotary	stainless (-2-396)	224	227	YES	—	magdev non-exempt (D-6B)
792	TAN-20		TSF	Active	air rotary	stainless (-1-352)	202	206	YES	—	magdev non-exempt (D-6B)
793	TAN-21		TSF	Active	air rotary	stainless (-2-431)	209	213	YES	—	magdev non-exempt (D-6B)
795	TAN-22A		TSF	Active	air rotary	stainless (-1-511)	208	211	YES	—	magdev non-exempt (D-6B)
797	TAN-23A		TSF	Active	air rotary	stainless (-1-435)	209	211	YES	—	magdev failed screening (D-6A)
799	TAN-24A		WRRTF	Active	air rotary	stainless (-2-218)	211	214	YES	—	magdev non-exempt (D-6B)
808	TRA-06		TRA	Active	rotary	steel (0-61)	465	471	no	digital gyro	gyro (D-1)
826	NRF-6P		NRF	Active	not found	1.5" pvc	not found	not found	no	—	inaccessible (D-3)
827	NRF-6		NRF	Active	not found	6" steel	363	374	no	—	inaccessible (D-3)
828	NRF-7		NRF	Active	not found	8" steel	360	371	no	—	inaccessible (D-3)
839	C1		RWMC	Abandoned	air rotary dh hammer to set surface casing; 10 ft barrel coring thereafter	not found	not found	not found	YES	—	inaccessible (D-3)
840	C1A		RWMC	not found	air rotary dh hammer to set surface casing; coring	3.25 steel (0-1450)	not found	not found	YES		magdev non-exempt (D-6B)
869	NRF-4		NRF	Active	not found	steel (-1-410)	not found	not found	no	—	inaccessible (D-3)
876	NPR-W-01		NPR	inactive	air rotary w/ wireline coring	lxd & packer at –485 bls	460.9524	460.9524	no	—	inaccessible (D-3)
877	NPR-W-02		NPR	inactive	corehole	4" casing to 610	283	286	no		inaccessible (D-3)
906	RWMC-MON-A-013	A11A31	RWMC	—	air rotary	galvanizd steel (0-675)	636	641	YES		magdev failed screening (D-6A)
968	ANL-MON-A-012		ANL	Active	not found	not found	645	648	YES		magdev failed screening (D-6A)
987	USGS-124		Offsite	Active	air rotary	steel (0-800)	681	687	YES		USGS (D-2)
988	USGS-125		Offsite	Active	air rotary	steel (0-774)	626	631	YES		USGS (D-2)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
998	STF-MON-A-O1A		STF	Active	revcirc, hammer	stainless (-2-538)	498	501	YES		magdev non-exempt (D-6B)
999	STF-MON-A-O2A		STF	Active	revcirc, hammer	galvin. steel (-2-510)	494	498	YES		magdev non-exempt (D-6B)
1002	STF-PIE-A-002		STF	Abandoned	split spoon wire line	galvin. steel (-2-532)	495	495	YES		inaccessible (D-3)
1003	ARA-MON-A-001		ARA	Active	revcirc, hammer	stainless (-2-620)	585	596	YES	—	magdev failed screening (D-6A)
1004	ARA-MON-A-002		ARA	Active	revcirc, hammer	stainless (-3-600)	588	594	YES	—	magdev failed screening (D-6A)
1006	ARA-MON-A-03A		ARA	Active	revcirc, hammer	stainless (-1-624)	600	608	YES	—	magdev failed screening (D-6A)
1007	ARA-MON-A-004		ARA	Active	revcirc, hammer	stainless (-3-625)	615	617	YES	—	magdev failed screening (D-6A)
1008	TANT-MON-A-028	TAN-28	TAN-TSF	Active	air rotary	stainless (0-220)	201	207	YES	—	magdev failed screening (D-6A)
1009	TANT-MON-A-027	TAN-27	TAN-TSF	Active	air rotary	stainless (2-220)	201	205	YES	—	magdev non-exempt (D-6B)
1010	TANT-MON-A-029		TAN-TSF	Active	air rotary/reverse circulation	stainless (2-222)	207	207	YES	—	magdev non-exempt (D-6B)
1012	TANT-MON-A-030A	TAN-30A	TAN-TSF	Active	air rotary	steel (0-38); stainless (0-321)	201	205	YES	—	magdev non-exempt (D-6B)
1013	TANW-MON-A-MW2		TAN-WRRTF	Active	airrotary	stainless (2-200)	215	215	YES	—	magdev non-exempt (D-6B)
1076	ARA-COR-A-005		ARA	Active	rotary cored	galvanized (-3-602)	593	597	YES	—	magdev failed screening (D-6A)
1077	CFA-MON-A-001	CFAMW5	CFA	—	auger/revcirc, hammer	stainless (-2-519)	486	492	YES	—	magdev non-exempt (D-6B)
1078	CFA-MON-A-002	CFAMW6	CFA	Active	auger/revcirc, hammer	stainless (-2-519)	482	488	YES	—	magdev non-exempt (D-6B)
1079	NRF-MON-A-008	NRF-8	NRF	Active	revcirc, hammer	steel (-3-315)	369	380	YES	—	magdev non-exempt (D-6B)
1080	NRF-MON-A-009	NRF-9	NRF	Active	revcirc, hammer	steel (-3-309)	370	381	YES	—	magdev failed screening (D-6A)
1081	NRF-MON-A-010		NRF	Active	revcirc, hammer	steel (-3-298)	370	380	YES	—	magdev non-exempt (D-6B)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
1082	NRF-MON-A-011		NRF	Active	revcirc, hammer	steel (-3-310)	367	378	YES	—	magdev non-exempt (D-6B)
1083	NRF-MON-A-012		NRF	Active	revcirc, hammer	steel (-3-310)	368	378	YES	—	magdev non-exempt (D-6B)
1084	NRF-MON-A-013		NRF	Active	revcirc, hammer	steel (-3-320)	359	368	YES	—	magdev non-exempt (D-6B)
1085	PBF-MON-A-001		PBF	Active	auger,rev.circ, ham	stainless stl (-2-454)	441	448	YES	—	magdev non-exempt (D-6B)
1087	PBF-MON-A-003		PBF	Active	auger,revcirc, hammer	stainless stl (0-545)	482	521	YES	—	magdev failed screening (D-6A)
1088	ANL-OBS-A-001	ANL-MW-1, ANL COREHOLE 1	ANL	Active	coring	not found	635	636	YES	digital gyro	gyro (D-1)
1089	CFA-MON-A-003	CFA-MON-A-003	CFA	—	reverse air rotary	stainless (-2-491)	482	487	YES		magdev non-exempt (D-6B)
1091	ICPP-MON-A-021		ICPP	Active	reverse circulation	stainless (-2-451)	434	443	YES		magdev non-exempt (D-6B)
1092	ICPP-MON-A-022		ICPP	Active	reverse circulation	stainless (-3-510)	444	453	YES		magdev failed screening (D-6A)
1094	PBF-MON-A-004		PBF	Active	reverse air rotary	stainless (-3-522)	482	493	YES		magdev non-exempt (D-6B)
1095	PBF-MON-A-005	PBF-MON-A-005	PBF	—	revcirc, hammer	stainless (-2-536)	506	512	YES		magdev failed screening (D-6A)
1100	TANT-MON-A-004	TAN-MA-1	TAN-TSF	Active	reverse circulation	stainless (-3-250)	202	206	YES		magdev non-exempt (D-6B)
1101	TANT-MON-A-005	TAN-MA-2	TAN-TSF	Active	reverse circulation	stainless (-3-247)	200	207	YES		magdev failed screening (D-6A)
1117	TANT-MON-A-024	TAN-25	TAN-TSF	Active	reverse circulation	304 stainless (-2-219)	203	203	YES		magdev failed screening (D-6A)
1118	TANT-MON-A-025	TAN-26	TAN-TSF	Active	reverse circulation	304 stainless (-2-369)	203	203	YES		magdev non-exempt (D-6B)
1131	RWMC-MON-A-065	ow-1, RWMC-OBS-A-082	RWMC	—	air rotary	steel (-1-612)	—	—	YES		magdev non-exempt (D-6B)
1132	RWMC-MON-A-066	ow-2, RWMC-OBS-A-083	RWMC	—	air rotary	steel (-1-986)	601	601	YES		magdev failed screening (D-6A)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
1134	TANT-MON-A-006	TAN-32	TAN-TSF	active	reverse circulation	steel (-2-193); stainless (0-400)	206	209	YES	—	magdev non-exempt (D-6B)
1135	TANT-MON-A-007	TAN-33	TAN-TSF	active	reverse circ./wireline core	galvanized, con (-1-234)	218	221	YES	—	magdev non-exempt (D-6B)
1136	TANT-MON-A-008	TAN-34	TAN-TSF	active	air rotary downhole hammer	steel (-1-195)	205	205	YES	digital gyro	gyro (D-1)
1137	TANT-MON-A-009	TAN-35	TAN-TSF	active	auger & air rotary downhole hammer	steel (-1-195)	210	210	YES	digital gyro	gyro (D-1)
1138	TANT-MON-A-010	TAN-36	TAN-TSF	active	auger & air rotary downhole hammer	steel (-1-197)	214	217	YES	—	magdev non-exempt (D-6B)
1143	ANL-MON-A-014	ANL-OBS-A-014	ANL	Active	air rotary & downhole hammer	steel (0-10); pvc(-2-619); ss(0-1136); hxb (1190-1734)	636	637	no	—	non-magdev high-priority (D-5A)
1163	TANT-MON-A-011	TAN-37	TAN-TSF	Active	auger/hammer/ core	steel (0-204)	203	205	YES	digital gyro	gyro (D-1)
1164	TANT-MON-A-012	TAN-38	TAN-TSF	Active	reverse circulation	steel (0-200)	221	221	YES	—	magdev non-exempt (D-6B)
1165	TANT-MON-A-013	TAN-39	TAN-TSF	Active	reverse circulation	steel (0-200)	223	223	YES	—	magdev non-exempt (D-6B)
1166	TANT-MON-A-014	TAN-40	TAN-TSF	Active	reverse circulation	steel (0-200)	207	207	YES	—	magdev non-exempt (D-6B)
1167	TANT-MON-A-015	TAN-41	TAN-TSF	Active	reverse circulation	steel (0-204)	205	207	YES	—	magdev non-exempt (D-6B)
1168	TANT-MON-A-016	TAN-42	TAN-TSF	Active	reverse circulation	steel (0-197)	221	224	YES	—	magdev non-exempt (D-6B)
1169	TANT-MON-A-017	TAN-43	TAN-TSF	Active	reverse circulation	steel (0-220)	220	223	YES	—	magdev non-exempt (D-6B)
1170	TANT-MON-A-018	TAN-44	TAN-TSF	Active	reverse circulation	steel (0-193)	219	222	YES	—	magdev non-exempt (D-6B)
1171	TANT-MON-A-019	TAN-45	TAN-TSF	Active	reverse circulation	steel (0-225)	216	219	YES	—	magdev non-exempt (D-6B)
1172	TANT-MON-A-020	TAN-46	TAN-TSF	Active	reverse circulation	steel (0-220)	215	218	YES	—	magdev non-exempt (D-6B)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary" (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
1186	ICPP-POT-A-012		ICPP	Active	not found	steel (0-725)	445	445	YES but poor quality files	—	non-magdev high-priority (D-5A)
1211	TANT-MON-A-048	TAN-48	TAN	Active	rev. circ. air rotary	steel (-3-205)	213	213	YES	—	magdev non-exempt (D-6B)
1212	SOUTH-MON-A-001	M11S	RWMC	Active	revcirc. hammer	stainless (-2-559)	560	563	no	—	non-magdev, non-exempt (D-5B)
1213	SOUTH-MON-A-002	M12S	RWMC	Active	revcirc, hammer	stainless (-2-528)	530	533	no	—	non-magdev, non-exempt (D-5B)
1214	SOUTH-MON-A-003	M13S	RWMC	Active	revcirc, hammer	stainless (9-593)	595	598	no	—	non-magdev, non_exempt (D-5B)
1215	SOUTH-MON-A-004	M14S	RWMC	Active	revcirc. hammer	stainless (9-584)	598	602	no	—	non-magdev, non-exempt (D-5B)
1219	TANT-INJ-A-003	TAN-31	TAN-TSF	Active	air rotary	galv. steel (-4-205)	204	204	no	—	non-magdev, non-exempt (D-5B)
1305	STF-MON-A-003		STFIOMRE	Active	revcirc, hammer	stainless (-2-493)	495	499	YES	—	magdev failed screening (D-6A)
1306	STF-MON-A-004		STFIOMRE	Active	revcirc. hammer	stainless (-2-500)	503	506	YES	—	magdev failed screening (D-6A)
1314	TANT-MON-A-047	TAN-47	TAN	Active	air rotary-revlcirc.	steel (-3-197)	215	215	YES	—	magdev failed screening (D-6A)
1315	TANT-MON-A-050	TAN-50	TAN	Active	air rotary-revlcirc.	steel (-3-205)	214	214	YES	—	magdev non-exempt (D-6B)
1316	TANT-MON-A-051	TAN-51	TAN	Active	revlcirc	steel (-3-200)	213	213	YES	—	magdev non-exempt (D-6B)
1317	TANT-MON-A-052	TAN-52	TAN	Active	reverse circulation	steel (-3-200)	213	213	YES	—	magdev non-exempt (D-6B)
1327	RWMC-MON-A-M17S		RWMC	Active	revcirc, hammer	stainless	not found	not found	no	—	non-magdev, non-exempt (D-5B)
1337	SOUTH-MON-A-M16S	010	RWMC	Active	air rotary, downhole hammer	stainless	613	613	YES	—	magdev non-exempt (D-6B)
1338	SOUTH-MON-A-M15S	09	RWMC	Active	air rotary, downhole hammer	stainless	588	588	YES	—	magdev non-exempt (D-6B)
1340	TANT-MON-A-054		TAN	Active	revcirc. hammer	steel(-2-199.5)	not found	not found	no	—	non-magdev high-priority (D-5A)
1341	TANT-MON-A-055		TAN	Active	revcirc, hammer	steel(-2-200)	not found	not found	no	—	non-magdev high-priority (D-5A)

Table A-1. (continued).

Well ID	Well name	Alias	Facility	Status	Drilling Method	Casing Summary[a] (Depths Start-Stop)	Minimum Depth-to-Water[b] (ft)	Maximum Depth-to-Water[b] (ft)	Magnetic Deviation Data Available?	Other Deviation Data	Screening Results (Appendix D Table)
1342	TANT-MON-A-056		TAN	Active	revcirc, hammer	steel(-2-199.5)	not found	not found	no	—	non-magdev high-priority (D-5A)
1343	TANT-MON-A-057		TAN	Active	revcirc, hammer	steel(-2-200)	not found	not found	no	—	non-magdev high-priority (D-5A)
1344	TANT-MON-A-058		TAN	Active	revcirc, hammer	steel(-2-200)	not found	not found	no	—	non-magdev high-priority (D-5A)
1345	USGS-126a		USGS	—	air rotary	—	412	412	YES	—	USGS (D-2)
1346	USGS-126b		USGS	—	air rotary	—	413	413	YES	digital gyro	gyro (D-1)
1347	USGS-127		USGS	—	air rotary	—	508	509	YES	—	USGS (D-2)
1350	ICPP-MON-A-164C		INTEC	Active	revcirc, hammer	steel(-2-247)stainless (-2-527)	not found	not found	no	—	magdev non-exempt (D-6B)
1351	ICPP-MON-A-165		INTEC	Active	revcirc, hammer	steel(-2-210)stainless (-2-525)	not found	not found	no	—	non-magdev high-priority (D-5A)
1352	ICPP-MON-A-166		INTEC	Active	revcirc, hammer	steel(-2-58)stainless (-2-527)	not found	not found	no	—	non-magdev high-priority (D-5A)
1383	ICPP-MON-A-167		INTEC	Active	revcirc, hammer	steel(-2-218)stainless (-2-502)	not found	not found	no	—	non-magdev high-priority (D-5A)

a. Steel casing refers to carbon-steel alloys believed to affect the quality of magnetic borehole deviation data. revcirc, hammer refers to reverse-circulation with downhole hammer.

b. Depths to water are measured from land surface to top of water table.

Appendix B

Century Geophysical Corporation Fact Sheets for 9055 and 9095 Tools

9055 Logging Tool

Product Description

Background Information

The 9055 tool is a multi-parameter slim hole mining and hydrology tool which contains a single detector, neutron system using a 1.0 Curie, Am241Be source, to record neutron porosity of the formation. Additionally, the tool also records natural gamma, SP, single-point resistance, and optionally, borehole deviation.

Features

Properties Measured (see diagram)

① **Vertical Deviation**
3-axis Magnetometers/2-axis Inclinometers
Offset: 53.3 cm (21 in.)

② **Natural Gamma:**
2.5 x 10.1 cm (0.875 x 4.0 in.) NAI Scintillation
Offset: 114.3 cm (45 in.)

③ **Neutron Detector:**
He 1.0 x 6.0"
Offset: 248.4 cm (97.8 in.)

④ **Neutron Porosity:**
Offset: 248.4 cm (97.8 in.)

⑤ **Spontaneous Potential:**
+/- 0.1 mv resolution
Offset: 266.7 cm (105 in.)

⑥ **Single Point Resistance:**
+/- 0.1 ohm resolution
Offset: 266.7 cm (105 in.)

⑦ **Radioactive source:**
1 Curie Am241Be
Offset: 289.6 cm (114 in.)

Tool Specifications

Length:
289.6 cm (114 in.)

Temperature:
60C (140 F)

Diameter:
46 mm (1.8 in.)

Pressure:
232 kg/cm2 (3000 PSI)

Weight:
32 kg (14.51 lbs.)

Logging Speed:
18 m/m (60 f/m)

Tool Voltage Required:
36 V

Sensor Response Ranges

Sensor	Response Limits	Accuracy
Natural Gamma	0 to 10,000 API units	+/- 5%
X -Y Inclination	0 to 45 degrees	+/ 5 degrees
Direction	0 to 360 degrees	+/- 2 degrees
Neutron API Units	0 to 10,000	+/ 5%
Neutron Porosity	-10 to 100 % Porosity	+/- 2% to 60%
Resistance	0 to 1500 ohms	+/- 5%
SP	-400 to 400 mv	+/- 10 mv

Accessories

SP/Resistivity Calibration Fixture (part # TBA)

Recommended

Source Handling Tool (part # 101501)
Source w/Shield Am 241 Be (part # 109901)
Deviation Calibration Test Stand (part #317420)

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Probes

9095 Logging Tool

Product Description

Background Information

This tool is primarily used for precious-metals exploration and hydrology applications. Deviation infor m ion is valuable in mine planning and subsurface mapping. Th gy op device is used for measuring deviation through steel drilling rods or casings and in open holes where magnetic rocks occur. The digital solid state design uses a continuous reading gyroscope (Humphrey Inc., DG-69), with information recorded at selectable sample intervals. It is not necessary to stop to take station data.

Features

Pro ɴ rties Measured (see diagram)

① **Natural Gamma:**
2 2 x 10.2 cm (0.875 x 4 in.) Scintillation
Offset: 29.7 cm (11.7 in.)

② **Tilt measurement: X-Y inclinometers**
Offset: 31.2 cm (79.2 in.)

③ **Gyro: Mechanical 2 degrees of freedom**
Offset: 224 cm (88.2 in.)

④ **X-Y-Z Magnetometer (optional)**
Offset: 31.2 cm (79.2 in.)

Tool Specificat ɪ ɔns

Length: 242.6 cm (95.5 in.)
Temperature: 85 C (185 F)
Diameter: 4.4 cm in.)
Pressure: 232 (3300 psi)
Weight: 13.4 kg (29.5 lbs.)
Logging Speed: 15 m/min (50 ft/min)
Voltage Re 60 \

Sensor Response Ranges

Sensor	Response Limits	Accuracy
Natural Gamma	0 to 10,000 API	+/- 5%
x-Y Inclinometers	0 to 90 degrees	+/- .5 degree
Gyro (Humphrey Inc. Do-69)		+/- 5% or 2 degrees
X-Y-Z Magnetometer	0 to 360 degrees	+/- 2.0 degrees

Recommended:

Directional Gyro (part # 784-0422) Included
Deviation Calibration Test Stand (part # 317420)
Scope Assembly

Probes

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