

January 12, 2012

Attn: Document Control Desk
John T. Buckley – Senior Project Manager
Office of Federal and State Materials and
Environmental Management Programs
U.S. Nuclear Regulatory Commission
Two White Flint North, Mailstop T8F5
11545 Rockville Pike
Rockville, MD 20852

RE: SUA-1341 License Amendment Application for the Ludeman ISR Project
 Submittal of missing Figures and Tables for the December 3, 2011 SUA-1341 License
 Amendment Application.

Dear Mr. Buckley:

Attached please find two sets of figures and tables that were inadvertently left out of the December 3, 2011 SUA-1341 License Amendment Application Technical Report and Environmental Report submittal. One set is to be inserted into the Technical Report, Volume III, Section 2.7, Addendum 2.7-F following the text on page 14. The second set is to be inserted into the Environmental Report, Volume II, Section 3.4, Addendum 3.4-F following the text on page 14. Both sets of figures and tables are identical and identical to the figures and tables included in the *Assessment of the Hydraulic Relationship of the Negley Subdivision to the Ludeman ISR Uranium Project* submitted to the NRC in February 2011.

Thank you for bring this oversight to our attention and if you have any questions of need additional information please do not hesitate to contact me at 307-234-8235, ext. 331 or via email at jon.winter@uranium1.com.

Sincerely,



Jon Winter
Manager: Wyoming Environmental and Regulatory Affairs
Uranium One Americas

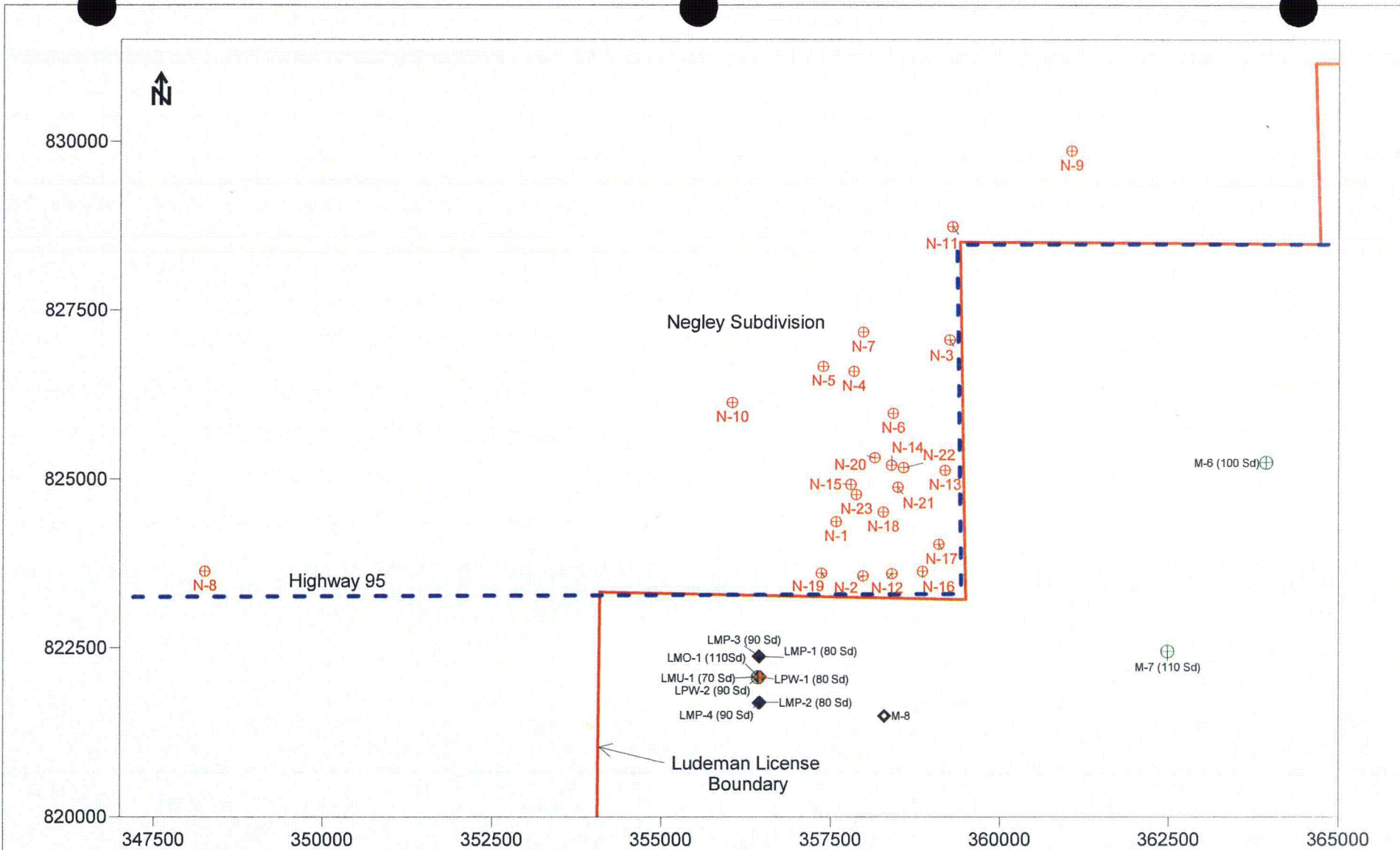
Encl: Figures and Tables for Addendum 2.7-F of the Technical Report and Addendum 3.4-F of the Environmental Report for the Ludeman License Amendment Application to SUA-1341.

cc: W.F. Kearney – Director SHE

FSME20

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- ⊕ Negley Wells
- N-8 Uranium One Designation
- ⊕ 100 or 110 Sand Monitor Wells
- ◆ 90 Sand Monitor Wells
- ◆ 80 Sand Monitor Wells
- ⊕ 70 Sand Monitor Wells



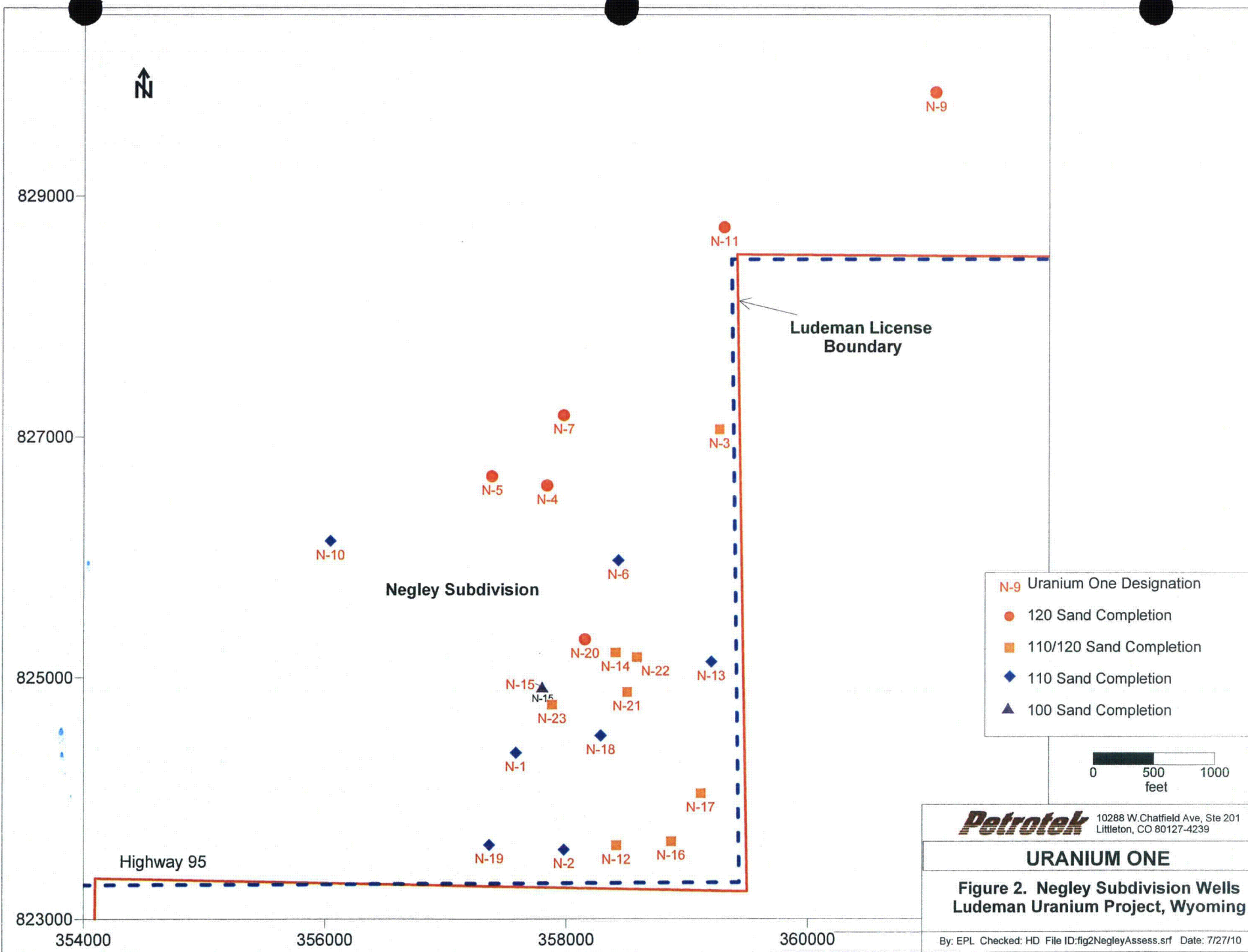
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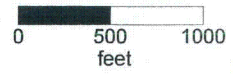
URANIUM ONE

Figure 1. Private Water Wells and Monitor Wells, Area of Investigation, Negley Subdivision Ludeman Uranium Project, Wyoming

By: EPL Checked: HD File ID:fig1NegleyAssess.srf Date: 7/27/10



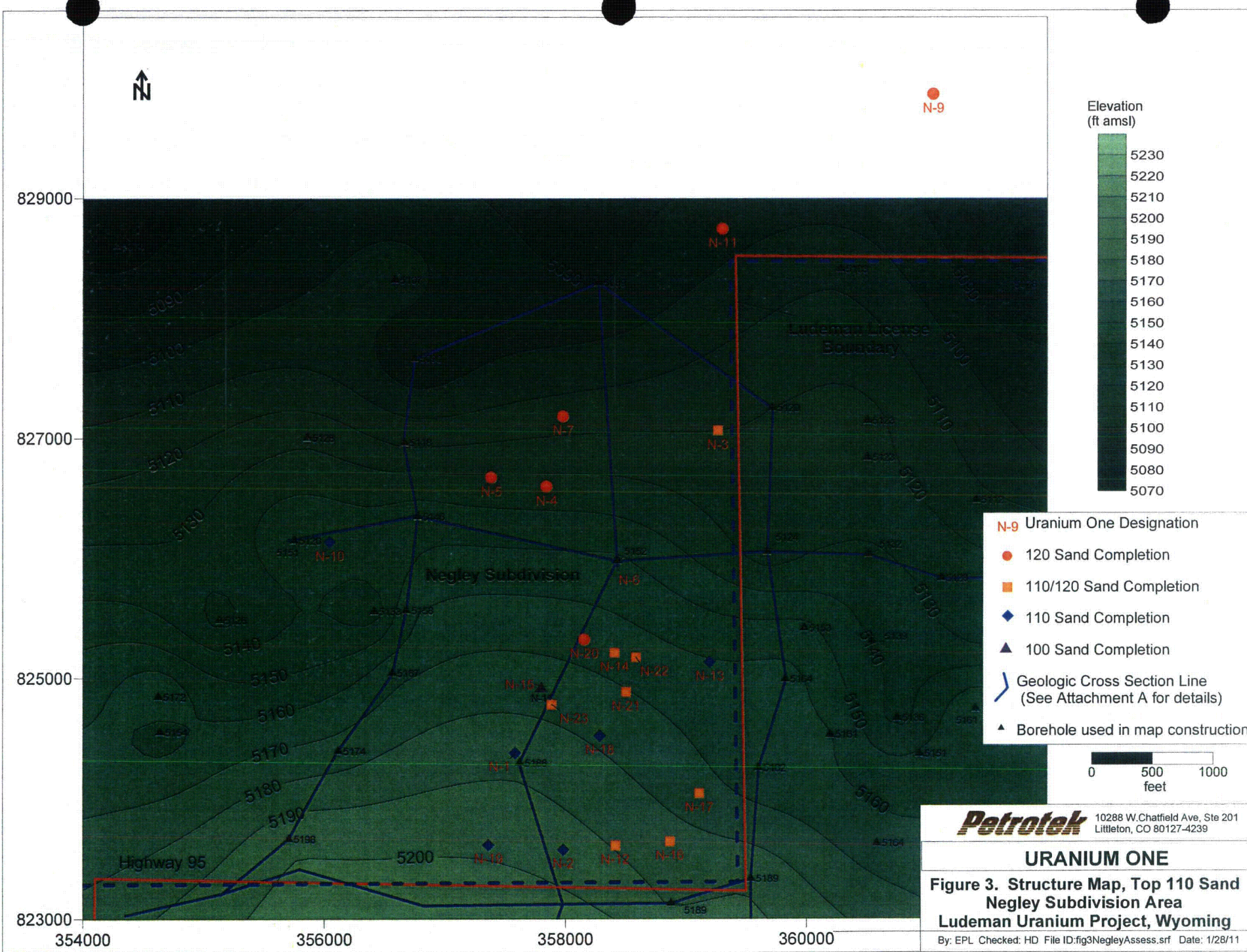
- N-9 Uranium One Designation
- 120 Sand Completion
- 110/120 Sand Completion
- ◆ 110 Sand Completion
- ▲ 100 Sand Completion



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**Figure 2. Negley Subdivision Wells
Ludeman Uranium Project, Wyoming**

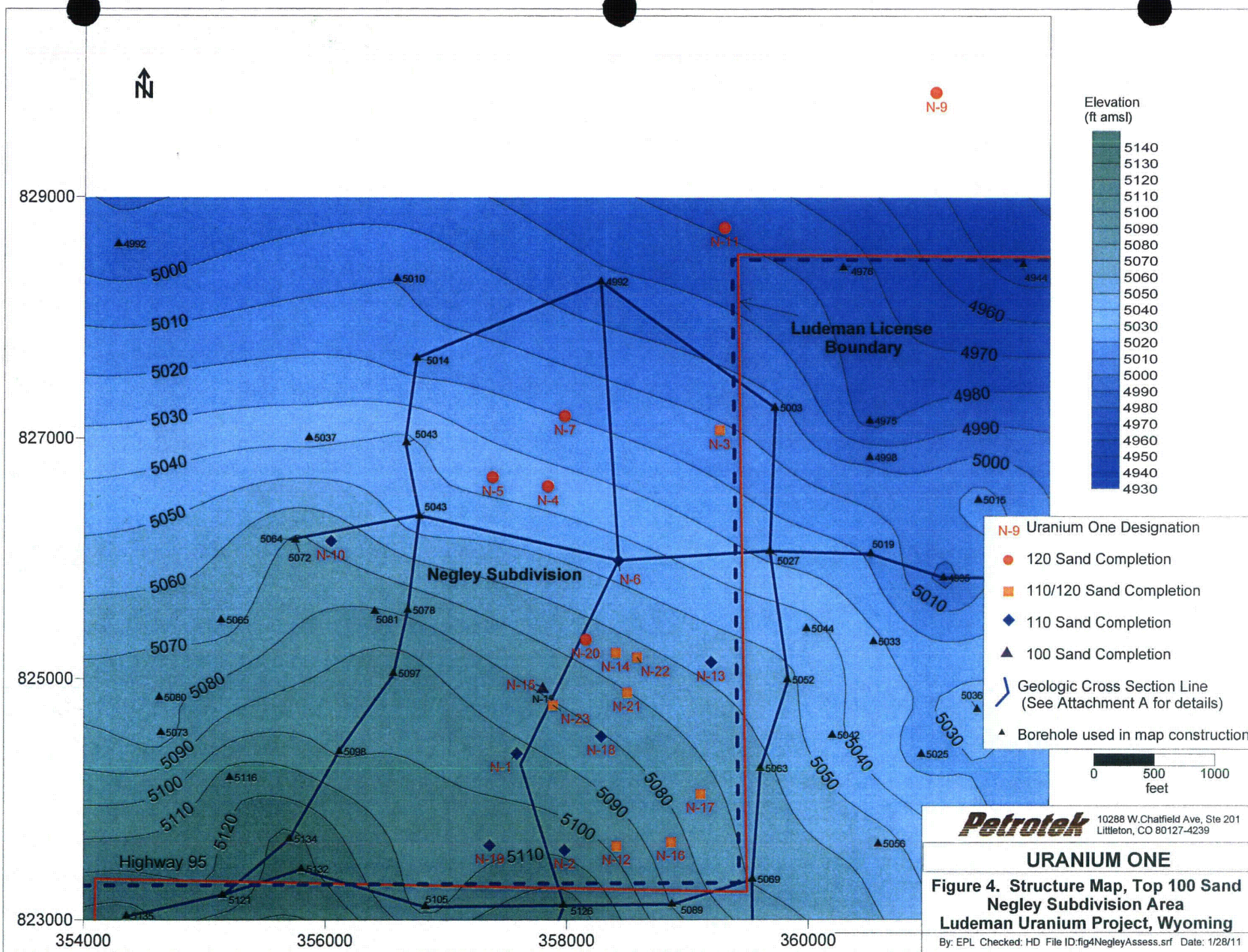


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Figure 3. Structure Map, Top 110 Sand Negley Subdivision Area Ludeman Uranium Project, Wyoming

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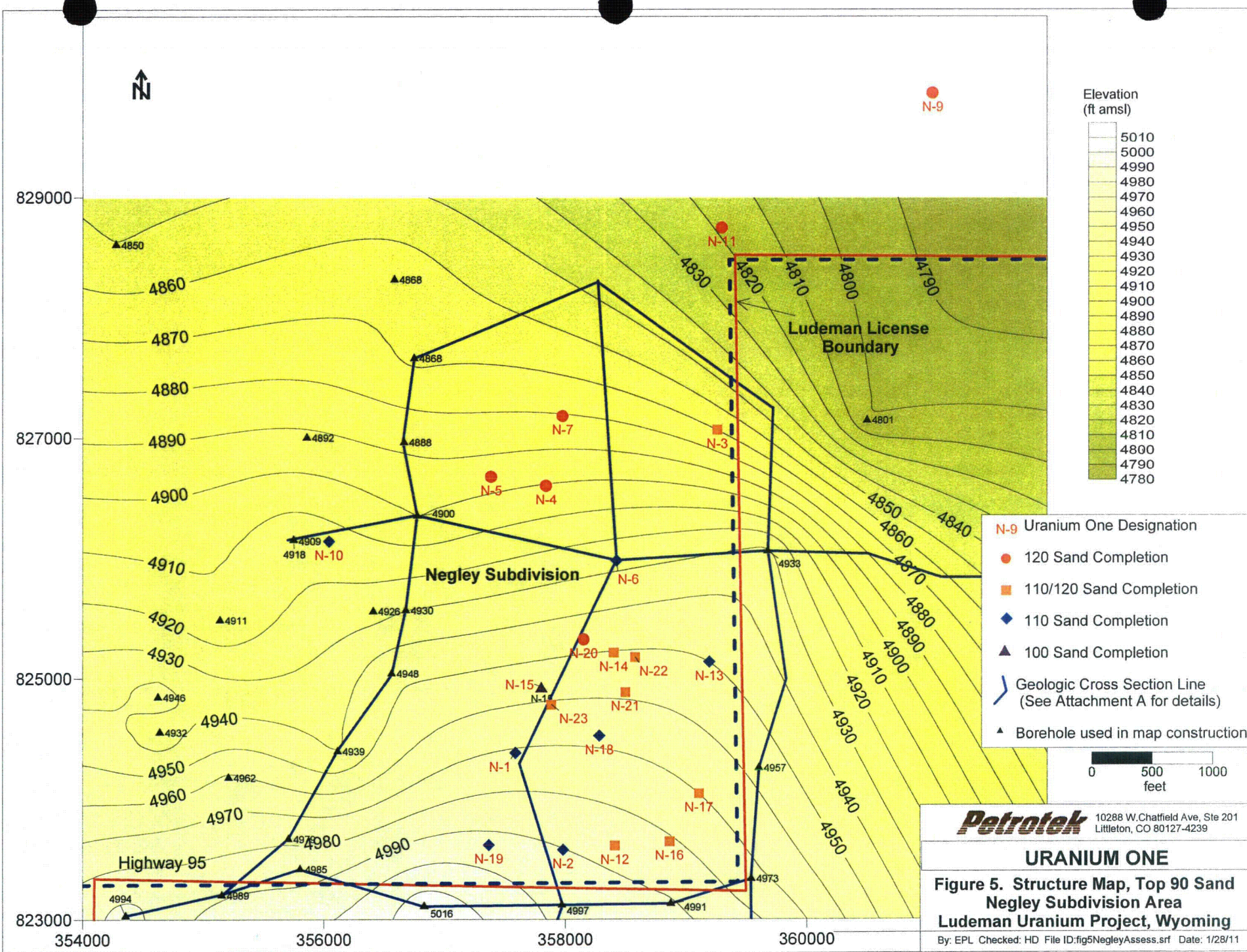


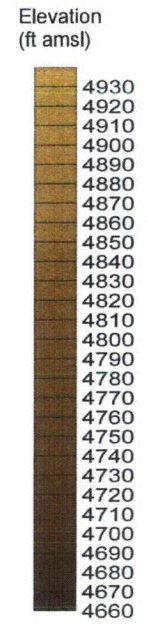
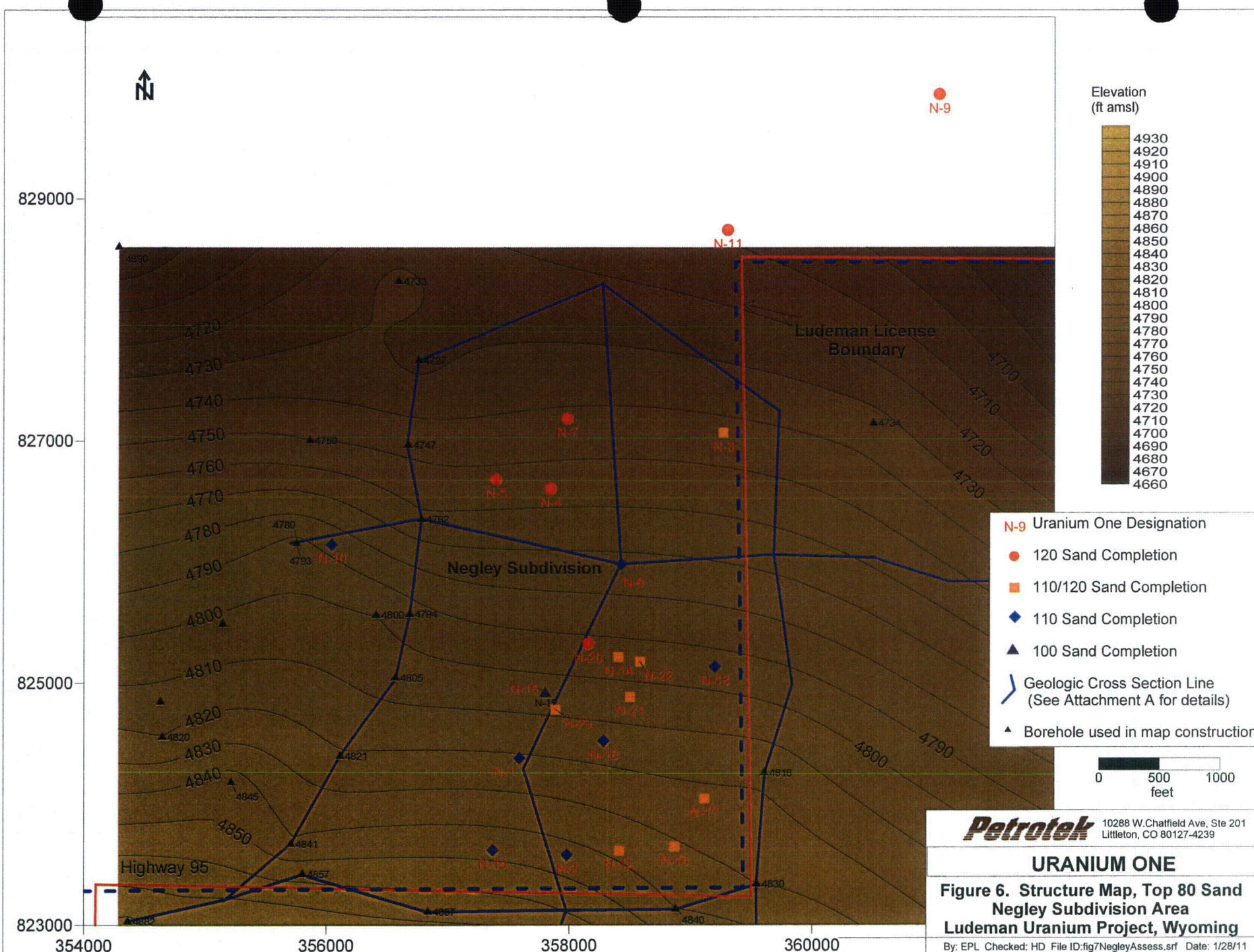
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Figure 4. Structure Map, Top 100 Sand Negley Subdivision Area Ludeman Uranium Project, Wyoming

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- N-9 Uranium One Designation
- 120 Sand Completion
- 110/120 Sand Completion
- ◆ 110 Sand Completion
- ▲ 100 Sand Completion
- Geologic Cross Section Line (See Attachment A for details)
- ▲ Borehole used in map construction

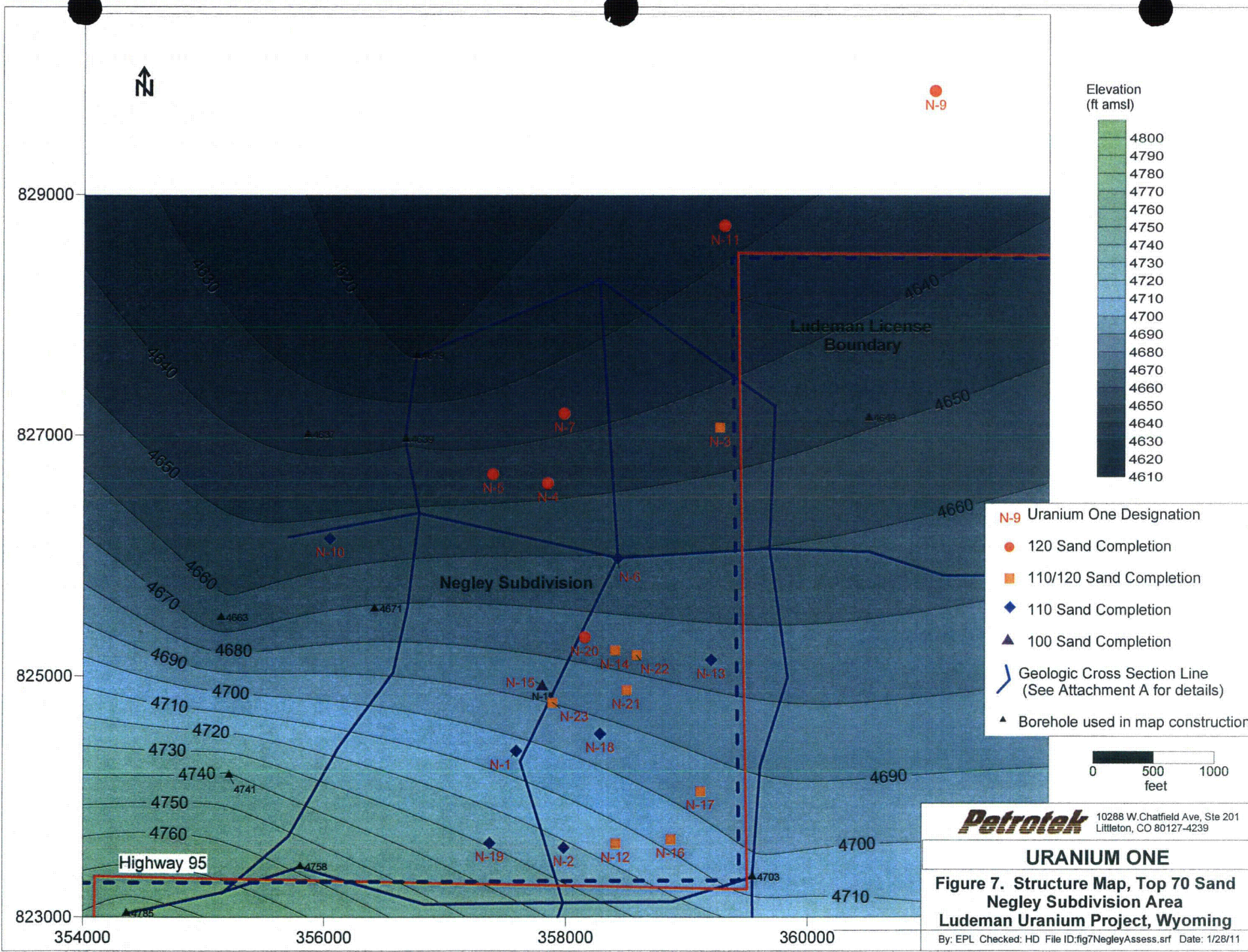


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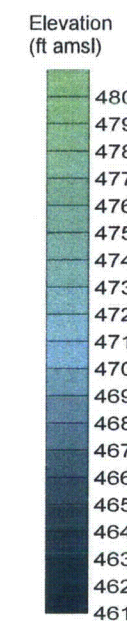
URANIUM ONE

**Figure 6. Structure Map, Top 80 Sand
Negley Subdivision Area
Ludeman Uranium Project, Wyoming**

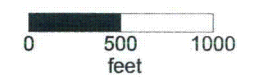
By: EPL Checked: HD File ID: fig7NegleyAssess.srf Date: 1/28/11



N-9



- N-9 Uranium One Designation
- 120 Sand Completion
- 110/120 Sand Completion
- ◆ 110 Sand Completion
- ▲ 100 Sand Completion
- Geologic Cross Section Line (See Attachment A for details)
- ▲ Borehole used in map construction

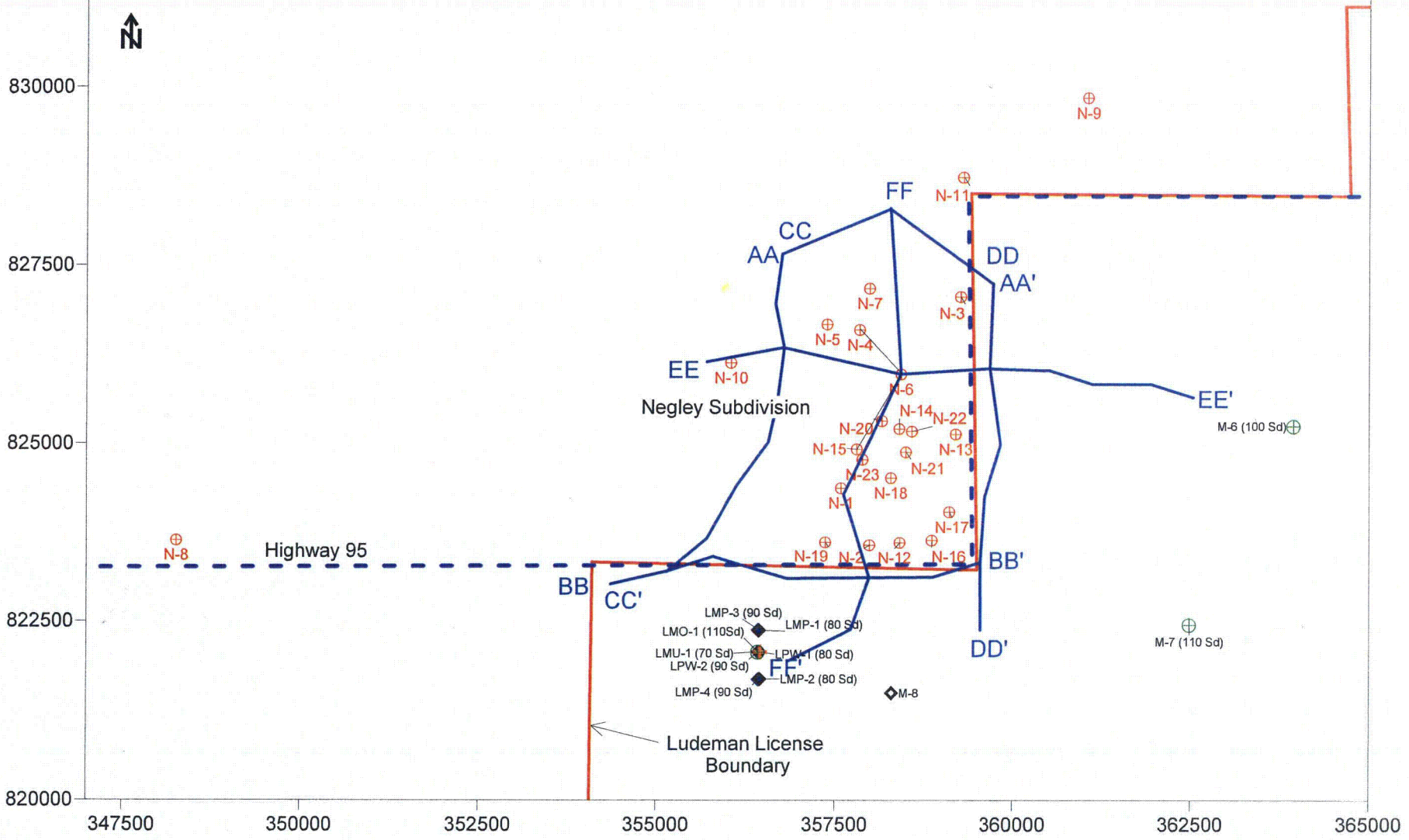


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Figure 7. Structure Map, Top 70 Sand Negley Subdivision Area Ludeman Uranium Project, Wyoming

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- ⊕ Negley Wells
- N-8 Uranium One Designation
- ⊕ 100 or 110 Sand Monitor Wells
- ◆ 90 Sand Monitor Wells
- ◇ 80 Sand Monitor Wells
- ⊕ 70 Sand Monitor Wells

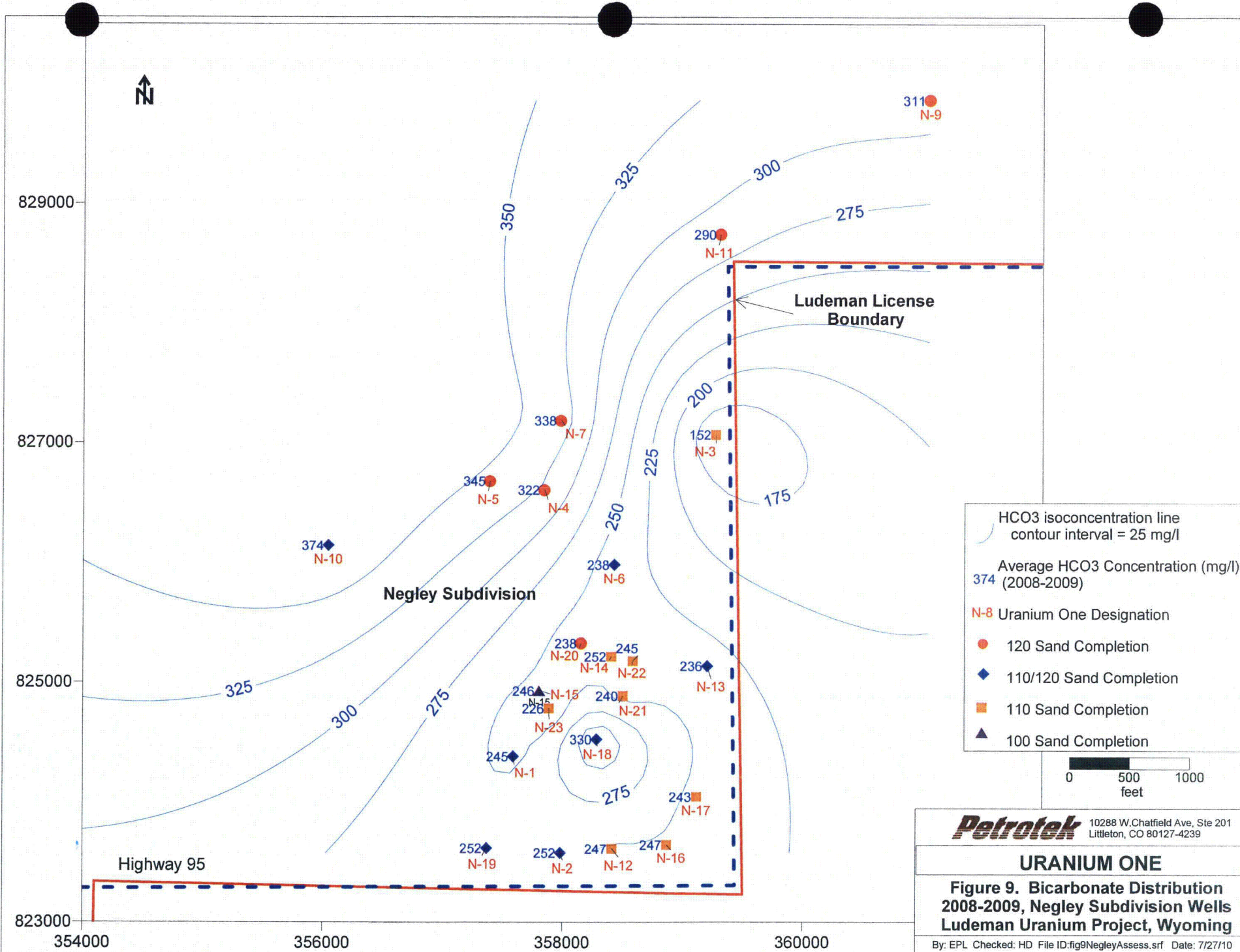
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**Figure 8. Location of Geologic Cross-Sections
Negley Subdivision
Ludeman Uranium Project, Wyoming**

By: EPL Checked: HD File ID: fig8NegleyAssess.srf Date: 2/8/18

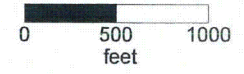


HCO₃ isoconcentration line contour interval = 25 mg/l

Average HCO₃ Concentration (mg/l)
374 (2008-2009)

N-8 Uranium One Designation

- 120 Sand Completion
- ◆ 110/120 Sand Completion
- 110 Sand Completion
- ▲ 100 Sand Completion

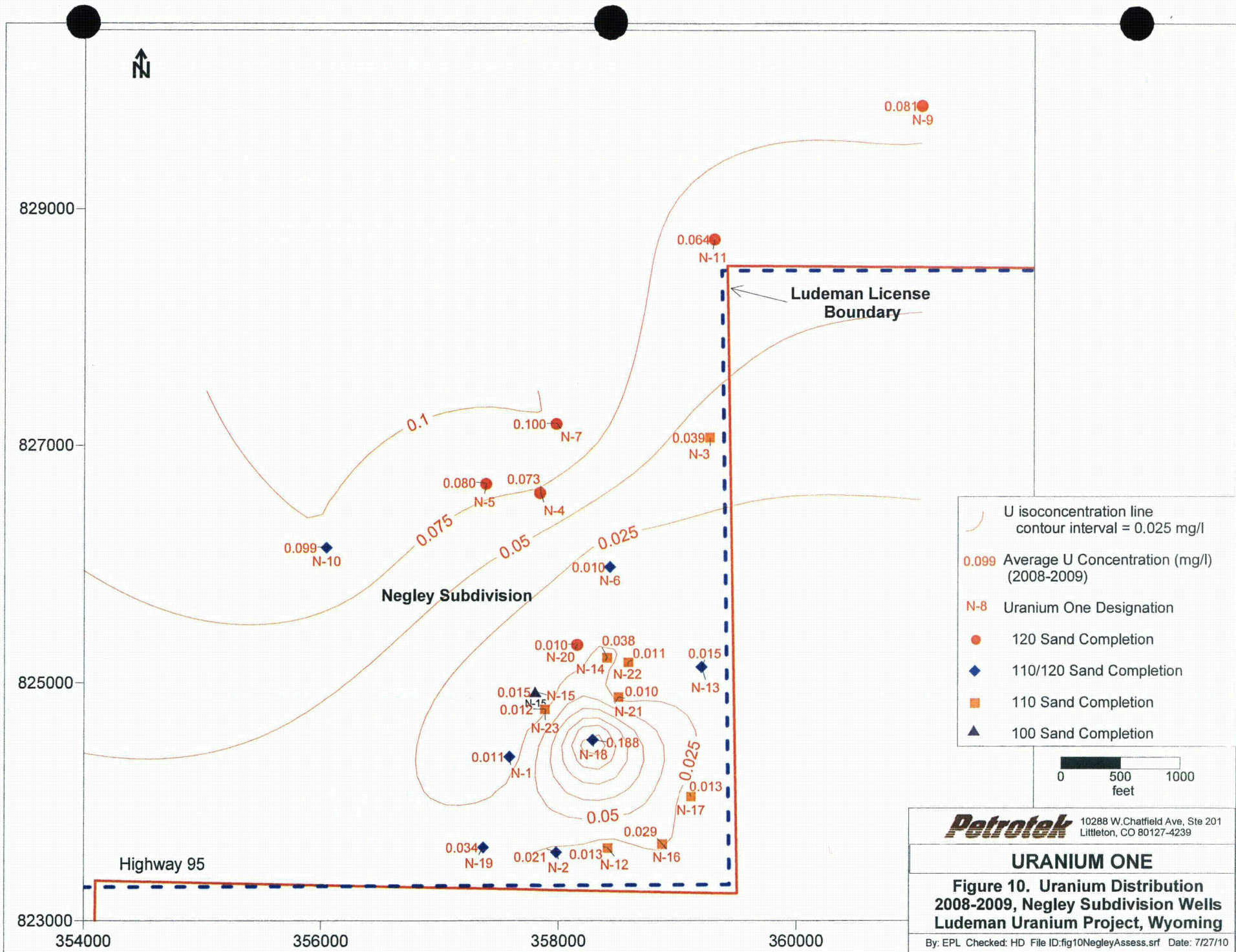


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Figure 9. Bicarbonate Distribution 2008-2009, Negley Subdivision Wells Ludeman Uranium Project, Wyoming

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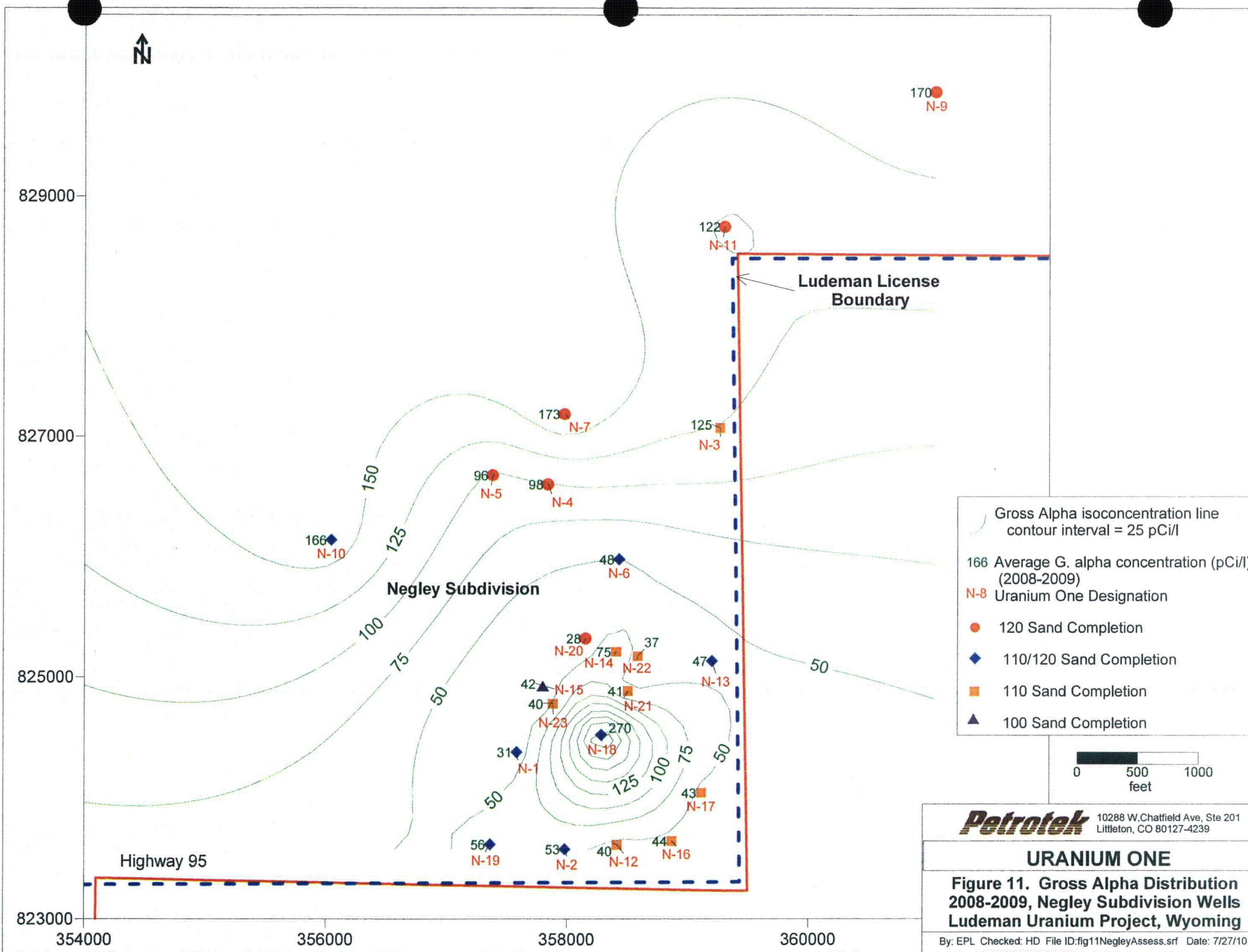


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Figure 10. Uranium Distribution 2008-2009, Negley Subdivision Wells Ludeman Uranium Project, Wyoming

By: EPL Checked: HD File ID: fig10NegleyAssess.srf Date: 7/27/10



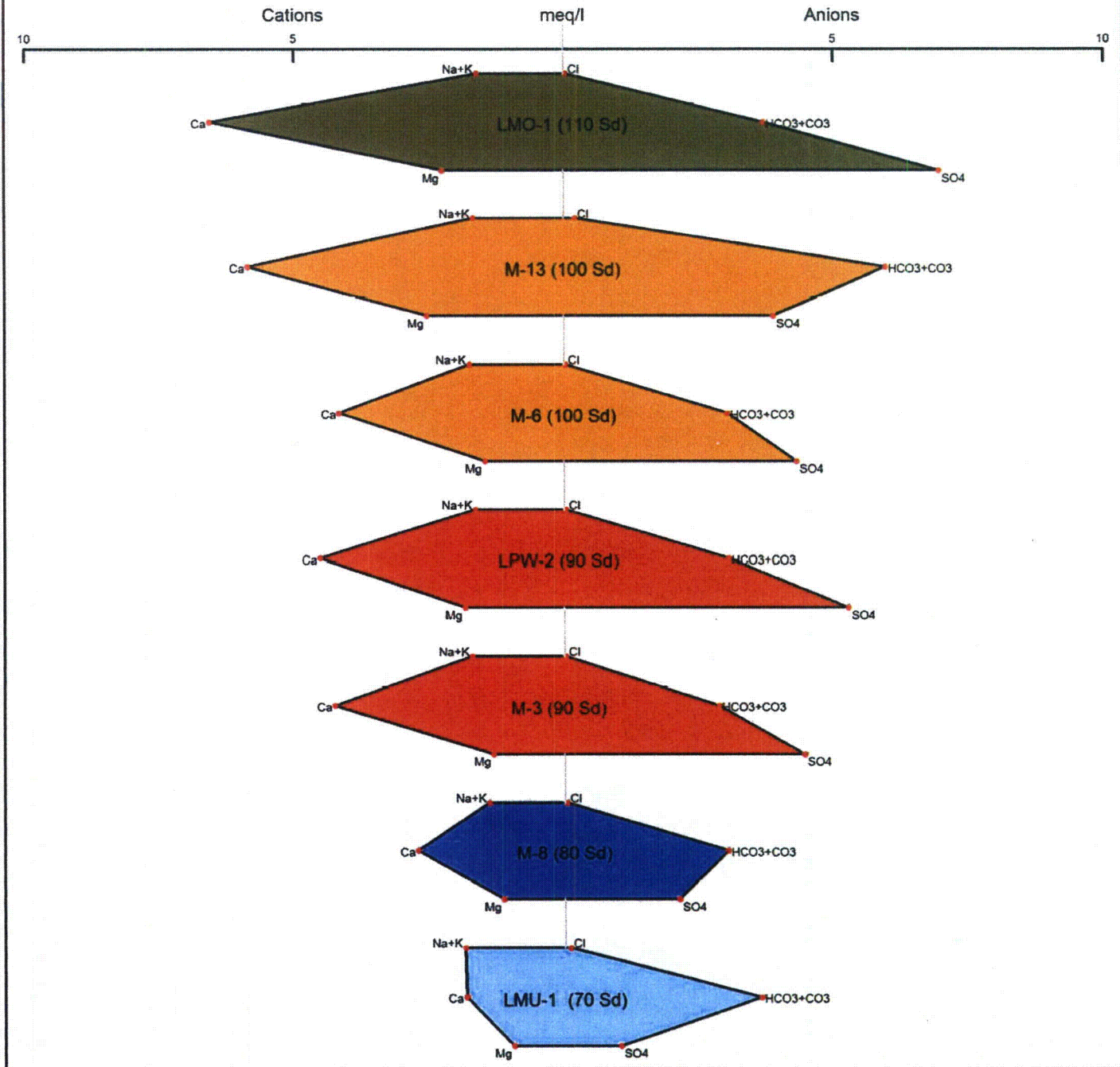
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Figure 11. Gross Alpha Distribution 2008-2009, Negley Subdivision Wells Ludeman Uranium Project, Wyoming

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Stiff Diagram



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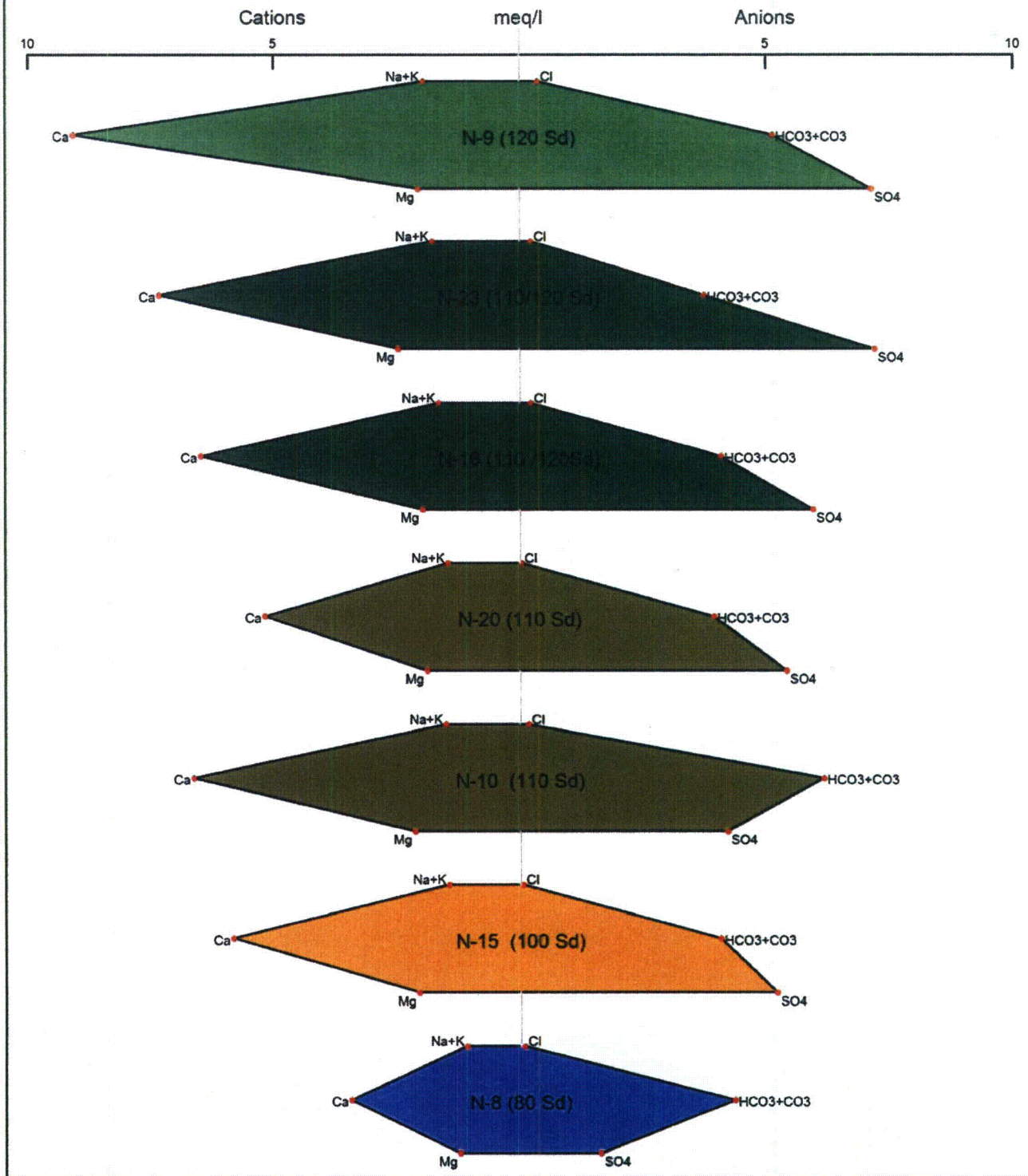
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Figure 12. Stiff Diagrams
Uranium One Monitor Wells
Ludeman Uranium Project, Wyoming

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Stiff Diagram



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Figure 13. Stiff Diagrams
Negley Water Wells
Ludeman Uranium Project, Wyoming

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6. Comparison of Water Quality from UNC-Teton and Uranium One Baseline Monitoring

Table 1. Negley Well Information

Uranium One Designation	Name (Original)	Applicant	Permit Number	Latitude North	Longitude West	Easting	Northing
						(NAD 27) (ft)	(NAD 27) (ft)
N-1	LaPlant #1	E LaPlant	50986	42°55.674	105°41.904	357587	824383
N-2	Negley #3	J Negley	26629	42°55.543	105°41.812	357984	823579
N-3	Negley #6 / Anderson #1	W Yoder	42818/83767	42°56.116	105°41.529	359265	827070
N-4	Bourquin #2	W Yoder	40688	42°56.042	105°41.849	357843	826605
N-5	Bourquin #1	W Yoder	40689	42°56.051	105°41.952	357388	826681
N-6	Teton MW KT-2	R Haun	50985	42°55.936	105°41.717	358428	825982
N-7	Negley #5	J.Negley	26631	42°56.138	105°41.821	357980	827187
N-8	Woeck	Woeck	173339	42°55.541	105°43.994	348262	823643
N-9	Layton #4 or Layton #5	AC Layton	180	42°56.581	105°41.137	361050	829865
N-10	AC #1	AC Layton	24572 *	42°55.959	105°42.251	356045	826143
N-11	Layton #1	AC Layton	P08605P	42°56.392	105°41.524	359302	828746
N-12	Huxtable #1	G Huxtable	64309	42°55.550	105°41.717	358413	823613
N-13	Bobbie #1 / Jean #1	Deveraux	30262*/30263*	42°55.798	105°41.542	359199	825139
N-14	ELRU #1	E Doege	46720	42°55.812	105°41.722	358405	825217
N-15	Hickerson #1	M Hickerson	32804	42°55.766	105°41.857	357805	824929
N-16	Highway Corner #2	M Dunham	30265	42°55.555	105°41.617	358868	823646
N-17	Highway Corner #1	M Dunham	30264	42°55.618	105°41.559	359112	824046
N-18	Negley #2	J Negley	9485	42°55.698	105°41.745	358285	824525
N-19	Negley #4	J Negley	26630	42°55.548	105°41.951	357368	823619
N-20	KT-1	R Haun	26415	42°55.827	105°41.777	358156	825327
N-21	Lucky Five #1	E Doege	26463	42°55.760	105°41.702	358501	824888
N-22	Lucky Five #2	E Doege	42928	42°55.806	105°41.682	358583	825179
N-23	Albaugh # 1	J Albaugh	161492	42°55.741	105°41.836	357885	824783

* - permit cancelled
 NAD 27-North American Datum 1927
 ft - feet

Table 1. Negley Well Information

Uranium One Designation	Surface Elevation	Casing ID	TD	TD Elev	Completion Interval	Completion (Teton)	Completion (Uranium 1)	Estimated Top of 90 Sand Elev	Distance from Total Depth of Well to Top of 90 Sand
	(ft amsl)	(in.)	(ft bgs)	(ft amsl)	(ft bgs)			(ft amsl)	(ft)
N-1	5262	5"	131	5131	71-131	O2	110	4971	160
N-2	5255	5"	120	5135	80-120	O2	110	4990	145
N-3	5277	5"	120	5157	40-120	O2/O3	110/120	4870	287
N-4	5269	5"	200	5069	140-200	O1	120	4900	169
N-5	5307	5"	125	5182	60-125	O2/O3	120	4895	287
N-6	5260	5"	196	5064	106-186	O1/O2	110	4927	137
N-7	5290	6"	120	5170	80-120	O2/O3	120	4880	290
N-8	5215	10"	380	4835	340-380	M	80	NE	-
N-9	5371	5"	180	5191	SEO Doc NA	O3	120	4780	411
N-10	5237	5"	150	5087	na	O2	110	4913	174
N-11	5310	5"	140	5170	SEO Doc NA	O3	120	4818	352
N-12	5288	5"	160	5128	120-160	O2	110/120	4986	142
N-13	5293	5"	210	5083	200-210	O2	110	4950	133
N-14	5272	6"	180	5100	135-175	O2	110/120	4950	150
N-15	5258	5"	195	5063	160-195	O1	100	4957	106
N-16	5281	6"	160	5121	120-160	O2	110/120	4981	140
N-17	5261	5"	180	5081	140-180	O2	110/120	4970	111
N-18	5252	5"	130	5122	50-130	O2	110	4968	154
N-19	5214	5"	135	5079	95-135	O2	110	4993	86
N-20	5289	5"	180	5109	120-160	O2	120	4946	163
N-21	5285	5"	180	5105	140-180	O2	110/120	4958	147
N-22	5265	5"	180	5085	135-175	O2	110/120	4952	133
N-23	5260	5"	165	5095	na	O2/O3	110/120	4961	134

in -inches

ft - feet

ft amsl - feet above mean sea level

ft bgs - feet below ground surface

TD - total depth NE-Not estimated

Table 1. Negley Well Information

Uranium One Designation	Permitted Well Use	Current Use	Pump method	Permitted Yield	Water Level
				(gpm)	(ft bgs)
N-1	Monitor	None	No Pump	0	45
N-2	Domestic	Stock	Submersible pump	25	100
N-3	Domestic	None	No Pump	20	85
N-4	Stock	None	No Pump	12	170
N-5	Domestic	None	No Pump	12	65
N-6	Monitor	None	No Pump	0	67
N-7	Domestic	Domestic	Submersible pump	25	70
N-8	Domestic	Domestic	No Pump	25	110
N-9	Domestic	Stock	Windmill	2	40
N-10	Dom,Stk	Stock	Windmill	NA	NA
N-11	Dom,Stk	Domestic	Submersible pump	4	40
N-12	Dom,Stk	Domestic	Submersible pump	10	80
N-13	Domestic	Domestic	Submersible pump	NA	NA
N-14	Domestic	None	No Pump	23	100
N-15	Domestic	Domestic	Submersible pump	6	80
N-16	Domestic	None	No Pump	10	45
N-17	Domestic	Domestic	Submersible pump	10	55
N-18	Dom,Stk	Domestic	Submersible pump	25	60
N-19	Domestic	Domestic	Submersible pump	25	80
N-20	Domestic	Shop	Submersible pump	12	80
N-21	Domestic	Domestic	Submersible pump	5	80
N-22	Domestic	Domestic	Submersible pump	20	100
N-23	Domestic	Domestic	Submersible pump	NA	NA

gpm -gallons per minute
ft bgs - feet below ground surface

Table 2. Correlation of Uranium One and Teton Sand Nomenclature

Uranium One	120	110	100	90	80	70
Teton	Not Designated	O2	O1	N	M	P

Table 3. Water Quality, Major Ions, Negley Wells, Uranium One Baseline Monitoring

Well ID	Bicarbonate (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Potassium (mg/l)	Sodium (mg/l)	TDS (mg/l)
N-1	245	1	242	111	22	9	25	574
N-2	252	2	247	113	23	8	30	582
N-3	152	115	578	249	37	13	37	1238
N-4	322	8	191	121	20	10	35	588
N-5	345	5	197	109	22	10	30	599
N-6	238	1	245	111	23	8	27	555
N-7	338	7	253	145	24	10	34	688
N-8	263	3	78	69	15	7	21	324
N-9	311	13	343	182	25	12	38	840
N-10	374	6	202	133	26	8	30	650
N-11	290	35	210	153	24	11	26	712
N-12	247	1	261	117	25	9	29	600
N-13	236	9	235	109	23	8	28	576
N-14	252	73	60	96	16	9	26	436
N-15	246	2	250	117	25	9	28	593
N-16	247	8	286	130	24	10	32	643
N-17	243	2	276	125	24	9	28	612
N-18	330	121	580	237	47	8	72	1413
N-19	252	5	185	100	21	8	26	486
N-20	238	<1	260	104	23	8	29	582
N-21	240	<1	256	120	23	9	28	600
N-22	245	2	245	110	23	8	27	567
N-23	226	8	346	147	30	10	35	817

mg/l - milligrams per liter

Values in bold exceed Wyoming Class I Drinking Water Standard

Table 4. Water Quality, Trace Metals, Negley Wells, Uranium One Baseline Monitoring

Well ID	Al (mg/l)	As (mg/l)	Ba (mg/l)	Bo (mg/l)	Cd (mg/l)	Cr (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mn (mg/l)	Hg (mg/l)	Mo (mg/l)	Ni (mg/l)	Se (mg/l)	Vn (mg/l)	Zn (mg/l)
N-1	<0.1	<0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.06	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-2	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.003	<0.1	0.018
N-3	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.110	<0.1	0.010
N-4	<0.1	<0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.028	<0.1	<0.01
N-5	<0.1	0.0025	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.027	<0.1	0.030
N-6	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.15	<0.001	<0.1	<0.05	<0.001	<0.1	0.030
N-7	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.036	<0.1	0.033
N-8	<0.1	<0.001	<0.1	0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.03	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-9	<0.1	<0.001	<0.1	0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.01	<0.001	<0.1	<0.05	0.048	<0.1	0.100
N-10	<0.1	<0.001	<0.1	0.1	<0.005	<0.05	0.02	<0.03	<0.001	0.01	<0.001	<0.1	<0.05	0.014	<0.1	0.143
N-11	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.02	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.042	<0.1	0.020
N-12	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.02	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-13	<1.0	0.002	<0.1	0.1	<0.005	<0.05	<0.01	<0.12	<0.002	<0.01	<0.001	<0.1	<0.05	0.006	<0.1	<0.008
N-14	<0.1	<0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.007	<0.1	0.010
N-15	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.1275	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-16	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.07	<0.001	<0.1	<0.05	0.003	<0.1	0.020
N-17	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.12	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-18	<0.1	<0.001	<0.1	<0.1	<0.005	<0.05	0.03	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.127	<0.1	0.020
N-19	<0.2	0.001	<0.1	<0.1	<0.005	<0.05	<0.02	<0.04	<0.001	<0.01	<0.001	<0.1	<0.05	0.007	<0.1	<0.03
N-20	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.11	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-21	<0.1	0.001	<0.1	0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.1725	<0.001	<0.1	<0.05	<0.001	<0.1	0.010
N-22	<0.1	0.001	<0.1	0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.155	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-23	<0.1	0.002	<0.1	<0.2	<0.005	<0.05	<0.01	<0.05	<0.001	0.1235	<0.001	<0.1	<0.05	0.024	<0.1	<0.02

< - analytical results less than reporting limit
 mg/l - milligrams per liter
 Values in bold exceed Wyoming Class I Drinking Water Standard

Table 5. Water Quality, Radionuclides, Negley Wells, Uranium One Baseline Monitoring

Well ID	Gross Alpha (pCi/l)	Gross Beta (pCi/l)	Lead 210 (pCi/l)	Polonium 210 (pCi/l)	Radium 226 (pCi/l)	Radium 228 (pCi/l)	Ra 226+228 (pCi/l)	Thorium 230 (pCi/l)	Uranium (mg/l)
N-1	31.0	14.0	<3.3	<0.7	0.52	2.03	2.55	<0.2	0.011
N-2	53.2	17.2	<3.6	<0.8	0.51	1.80	2.31	<0.2	0.021
N-3	124.8	33.9	4.3	<0.7	0.56	2.60	3.16	<0.2	0.039
N-4	98.3	32.0	<3.0	<0.8	0.62	3.08	3.69	<0.2	0.073
N-5	96.1	28.0	<2.8	<0.8	0.75	2.50	3.25	<0.2	0.080
N-6	48.4	18.6	<3.1	<0.7	0.67	3.50	4.17	<0.2	0.010
N-7	172.8	46.7	<5.8	<0.6	0.87	5.50	6.37	<0.2	0.100
N-8	5.7	7.2	<4.0	<0.6	0.65	1.60	2.25	<0.3	0.000
N-9	169.7	35.0	<4.8	<0.5	0.35	2.47	2.81	<0.4	0.081
N-10	166.0	36.7	<4.5	<0.6	0.38	2.13	2.51	<0.2	0.099
N-11	121.5	31.0	<3.7	<0.8	0.87	4.40	5.27	<0.2	0.064
N-12	39.7	14.0	<4.1	<0.7	0.32	1.60	1.92	<0.4	0.013
N-13	46.6	19.6	<2.7	<0.9	1.02	4.20	5.22	<0.2	0.015
N-14	75.4	23.5	<2.5	<0.5	1.05	1.80	2.85	<0.3	0.038
N-15	41.7	14.4	<3.5	<0.8	0.69	2.70	3.39	<0.3	0.015
N-16	44.3	19.9	<3.9	<0.7	1.02	2.40	3.42	<0.2	0.029
N-17	42.5	14.3	<4.4	<0.7	0.66	2.10	2.76	<0.2	0.013
N-18	269.5	52.6	<2.6	<0.7	0.44	<1.6	<2.04	<0.3	0.188
N-19	56.4	22.7	<3.4	<0.8	0.74	4.15	4.89	<0.4	0.034
N-20	27.8	14.4	<2.7	<0.6	0.52	4.30	4.82	<0.4	0.010
N-21	41.4	17.3	<5.1	<0.5	<0.77	2.90	<3.67	<0.2	0.010
N-22	37.3	24.1	<3.3	<0.8	0.59	4.70	5.29	<0.3	0.011
N-23	40.3	16.4	<3.5	<0.6	1.00	2.45	3.45	<0.3	0.012

< - analytical result less than reporting limit

Ra226+228 -combined Radium 226 and Radium 228

pCi/l - picoCuries per liter

mg/l - milligrams per liter

Values in bold exceed Wyoming Class I Drinking Water Standard or EPA MCL

Table 6. Comparison of Water Quality from UNC-Teton and Uranium One Baseline Monitoring

Well ID	Sample Period	Parameter											
		Bicarbonate (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Potassium (mg/l)	Sodium (mg/l)	Conductivity umhos/cm	pH s.u.	TDS (mg/l)	Nitrogen (mg/l)	Uranium (mg/l)
N-1	11/18/1979	262.00	2.00	230.00	154.00	7.00	9.50	27.50	700.00	8.01	536.00	<1	<0.1
	Avg. 2008/2009	247.50	1.00	241.00	111.00	22.25	8.75	25.50	817.50	7.70	570.50	<0.05	0.011
N-2	8/79 to 7/80	257.00	4.50	256.00	118.00	25.10	9.90	33.90	947.00	7.46	605.00	0.40	0.022
	Avg. 2008/2009	252.25	1.75	247.00	113.25	22.50	8.00	30.00	833.75	7.81	581.50	0.10	0.021
N-6	12/4/1979	251.00	2.00	108.00	80.00	18.00	7.00	32.00	875.00	7.95	618.00	<1	<0.1
	Avg. 2008/2009	238.00	1.00	244.75	110.75	22.50	8.00	26.75	807.50	7.70	555.00	<0.05	0.010
N-11	8/79 to 7/80	275.00	6.00	300.00	113.00	22.70	10.80	33.30	748.00	7.81	627.00	1.64	0.012
	Avg. 2008/2009	289.50	34.75	209.75	153.00	24.25	10.50	26.00	1052.50	7.68	712.25	18.73	0.064
N-13	8/79 to 7/80	241.00	3.60	269.00	120.00	21.60	9.30	31.50	866.00	7.68	619.00	0.42	0.015
	Avg. 2008/2009	236.00	9.00	234.75	108.75	22.50	8.25	27.75	824.25	7.68	576.00	0.48	0.015
N-15	8/79 to 7/80	252.00	5.20	244.00	111.00	23.60	8.70	30.80	790.00	7.62	617.00	0.41	0.017
	Avg. 2008/2009	245.75	2.00	250.00	116.75	24.75	8.75	27.50	828.00	7.74	592.50	<0.13	0.015
N-16	8/79 to 7/80	254.00	4.30	254.00	121.00	22.50	9.60	33.00	814.00	7.70	635.00	0.36	0.014
	Avg. 2008/2009	244.75	1.50	245.25	110.25	22.50	8.00	27.00	809.00	7.70	566.50	<0.1	0.011
N-17	8/79 to 7/80	244.00	3.20	271.00	126.00	22.20	9.30	31.10	805.00	7.69	648.00	0.45	0.300
	Avg. 2008/2009	243.00	2.25	276.25	124.75	23.75	8.75	28.00	864.75	7.79	611.50	0.09	0.013
N-18	8/79 to 7/80	266.00	5.70	237.00	123.00	19.40	8.80	32.60	792.00	7.49	598.00	0.83	0.080
	Avg. 2008/2009	330.00	121.25	580.00	237.00	47.25	7.50	72.00	1870.00	7.56	1412.50	14.13	0.188
N-20	8/79 to 7/80	247.00	4.30	252.00	118.00	22.70	9.10	32.00	805.00	7.58	612.00	0.31	0.013
	Avg. 2008/2009	238.00	<1	260.00	104.00	23.00	8.00	29.00	842.00	7.45	582.00	<0.05	0.010
N-21	8/79 to 7/80	258.00	4.30	257.00	117.00	24.50	9.90	32.60	790.00	7.41	638.00	0.27	0.014
	Avg. 2008/2009	240.25	<1	256.00	119.50	23.25	8.50	27.50	824.25	7.67	599.50	<0.07	0.010
N-22	8/79 to 7/80	247.00	4.30	252.00	118.00	22.70	9.10	32.00	805.00	7.58	612.00	0.31	0.013
	Avg. 2008/2009	244.75	1.50	245.25	110.25	22.50	8.00	27.00	809.00	7.70	566.50	<0.1	0.011

mg/l - milligram per liter

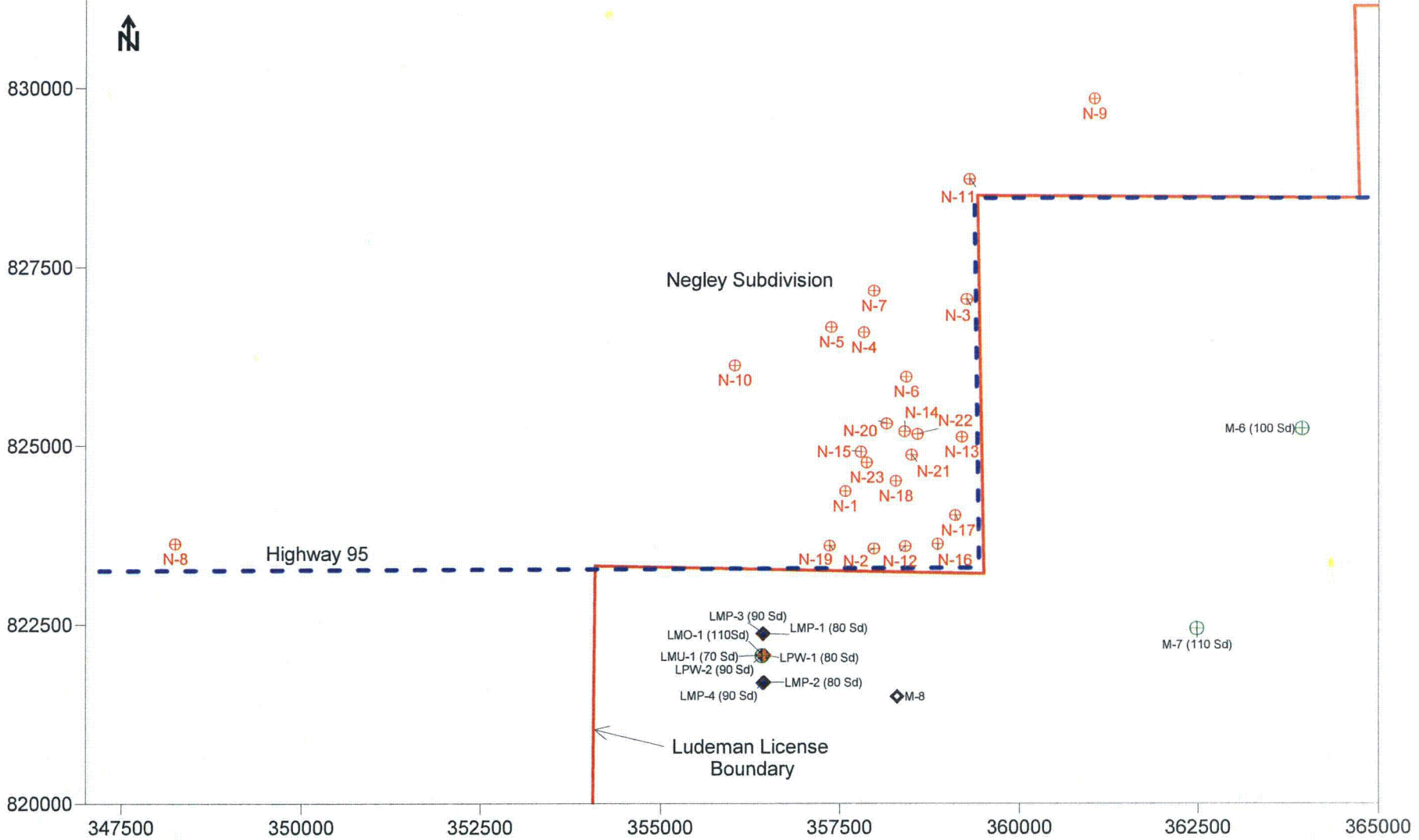
s.u. - standard pH units

umhos/cm - microohms per centimeter

Value in bold indicates significant change from 1979/80 data

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- ⊕ Negley Wells
- N-8 Uranium One Designation
- ⊕ 100 or 110 Sand Monitor Wells
- ◆ 90 Sand Monitor Wells
- ◇ 80 Sand Monitor Wells
- ⊕ 70 Sand Monitor Wells

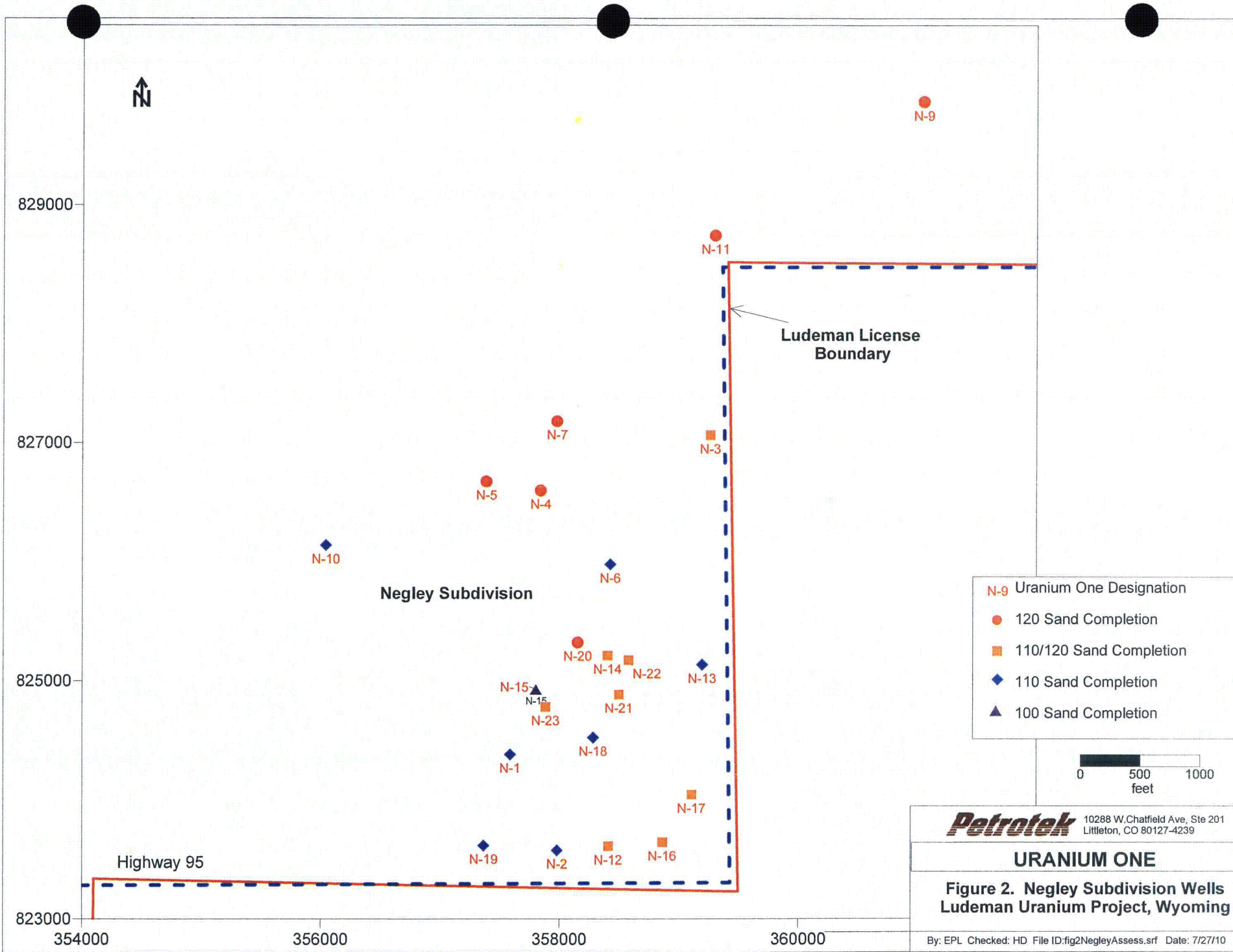


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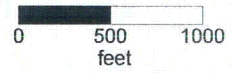
URANIUM ONE

Figure 1. Private Water Wells and Monitor Wells, Area of Investigation, Negley Subdivision Ludeman Uranium Project, Wyoming

By: EPL Checked: HD File ID: fig1NegleyAssess.srf Date: 7/27/10



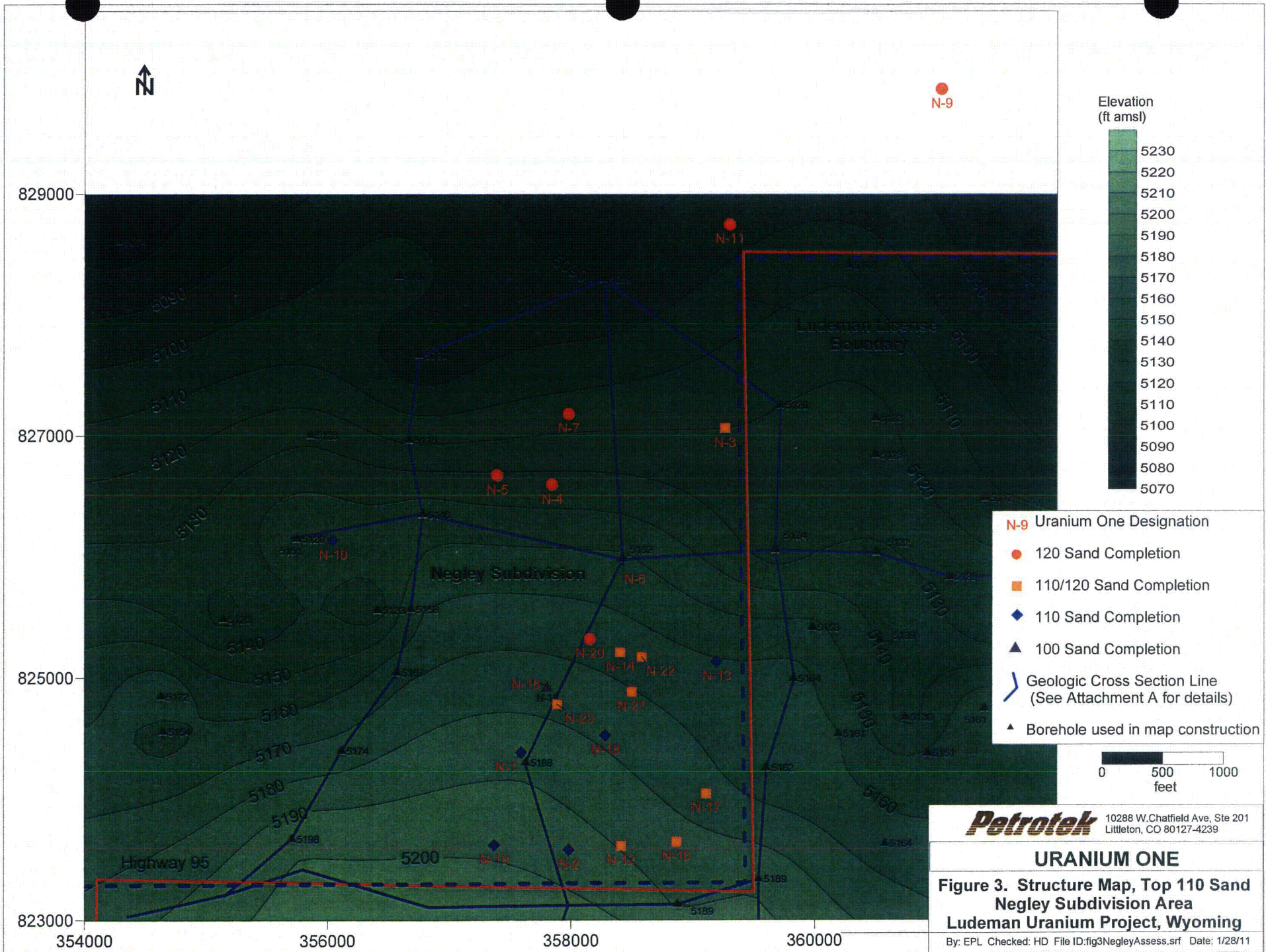
- N-9 Uranium One Designation
- 120 Sand Completion
- 110/120 Sand Completion
- ◆ 110 Sand Completion
- ▲ 100 Sand Completion



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**Figure 2. Negley Subdivision Wells
Ludeman Uranium Project, Wyoming**

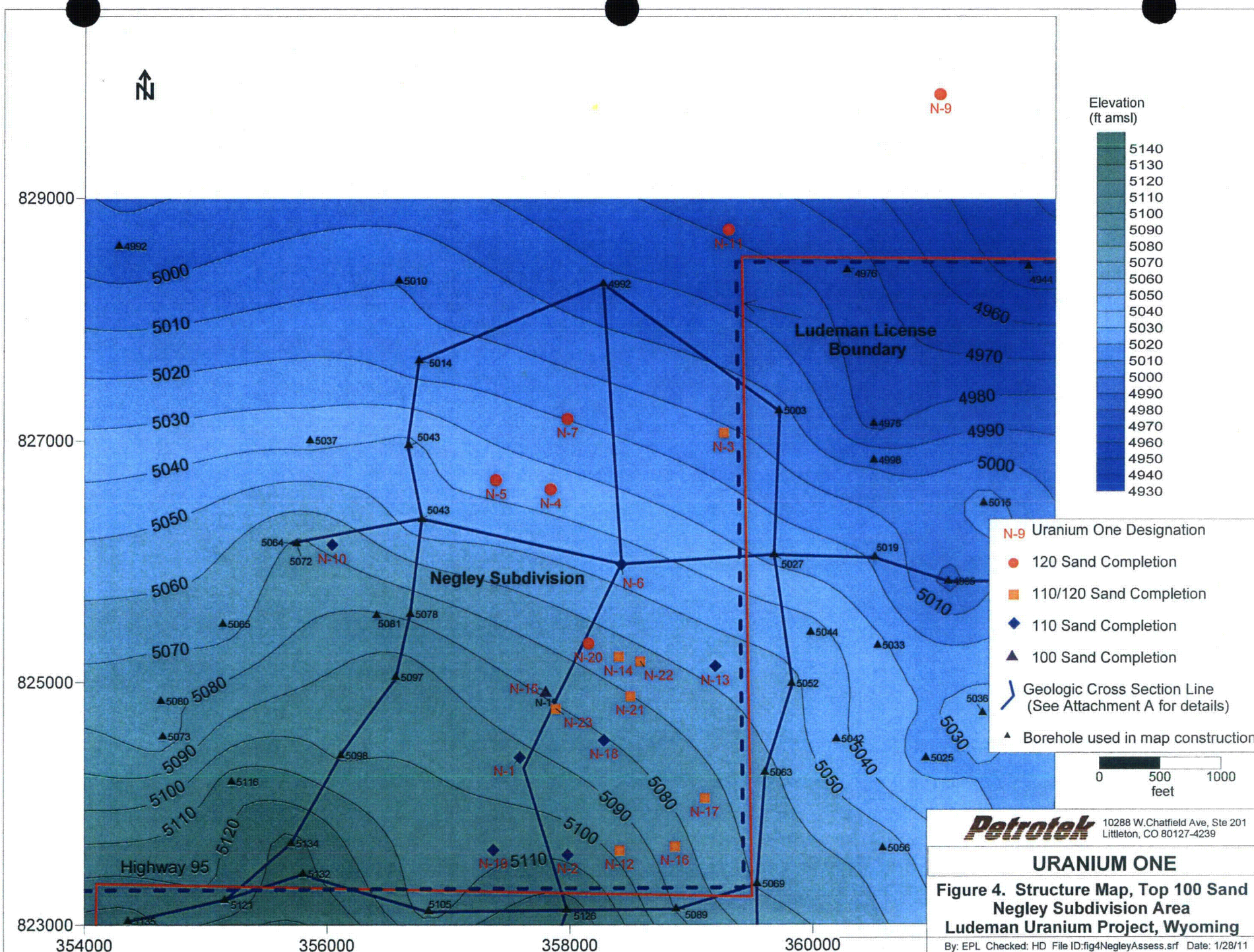


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Figure 3. Structure Map, Top 110 Sand Negley Subdivision Area Ludeman Uranium Project, Wyoming

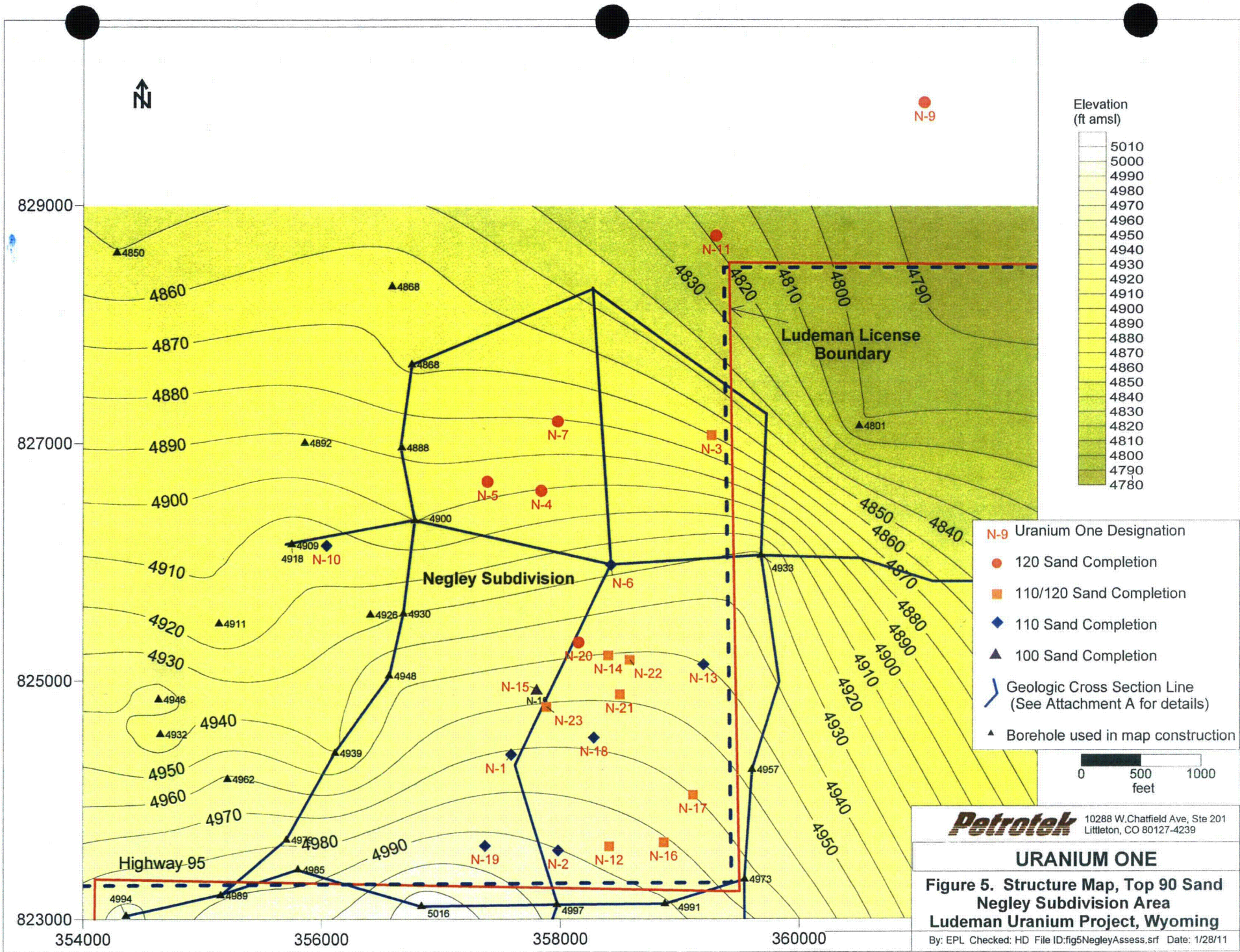
By: EPL Checked: HD File ID: fig3NegleyAssess.srf Date: 1/28/11

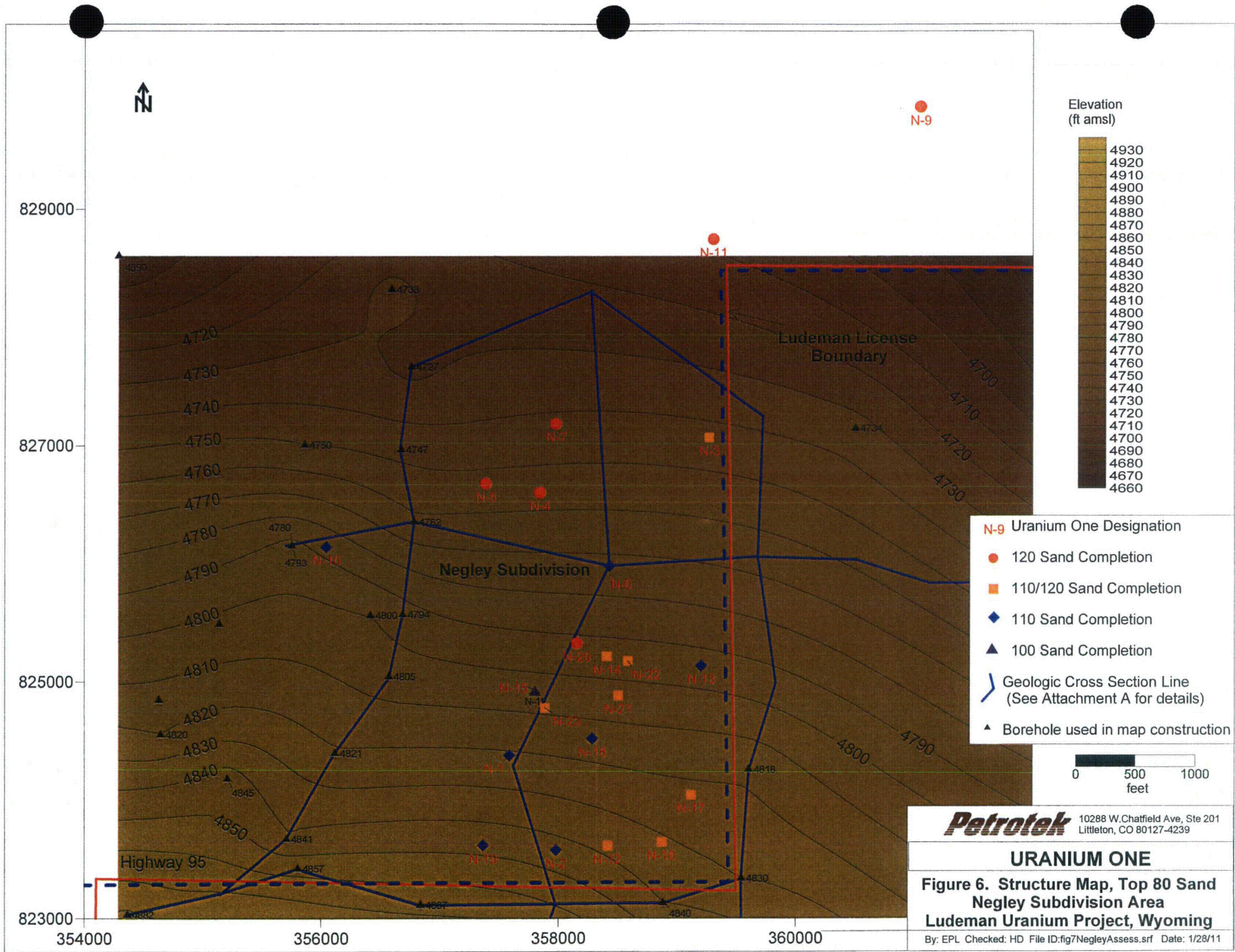


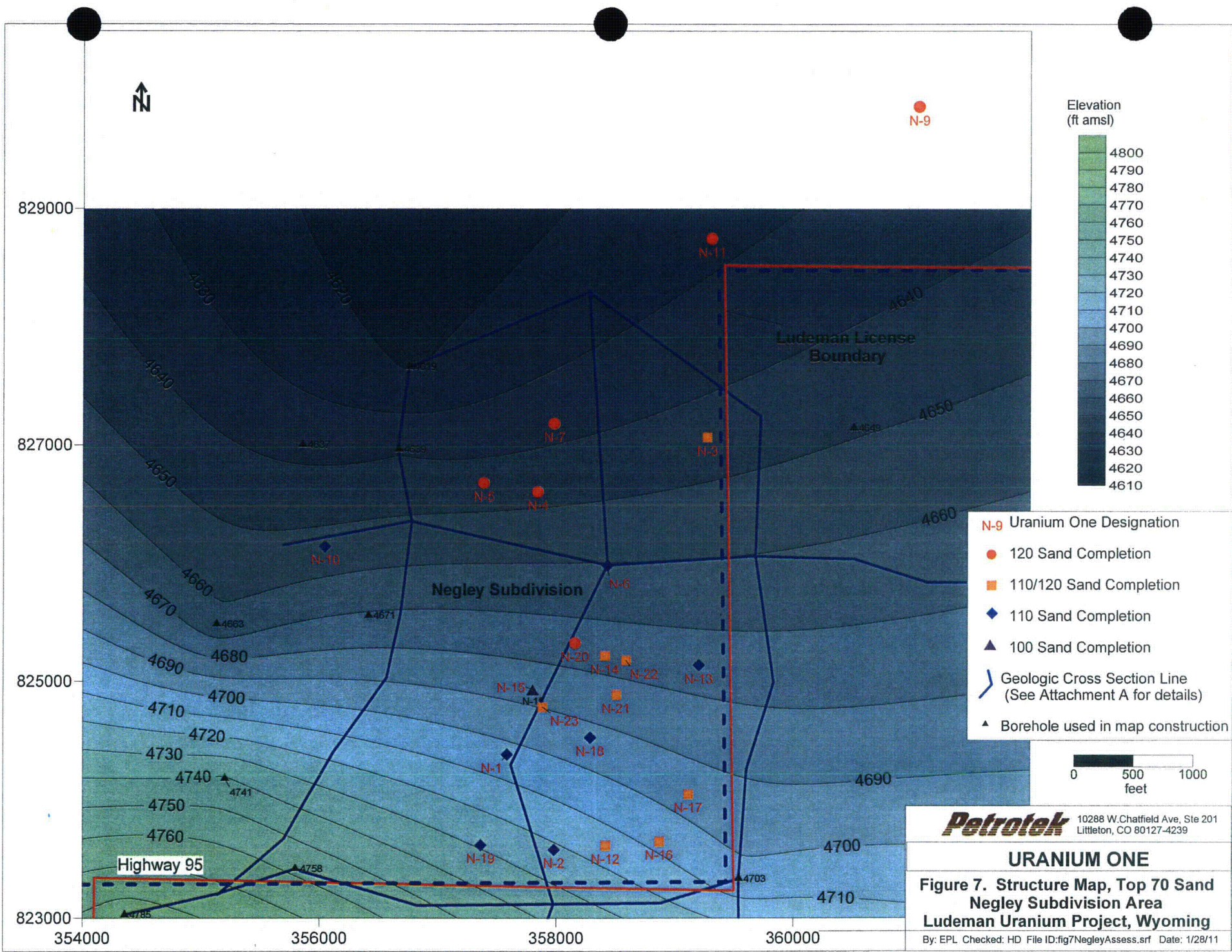
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Figure 4. Structure Map, Top 100 Sand
Negley Subdivision Area
Ludeman Uranium Project, Wyoming

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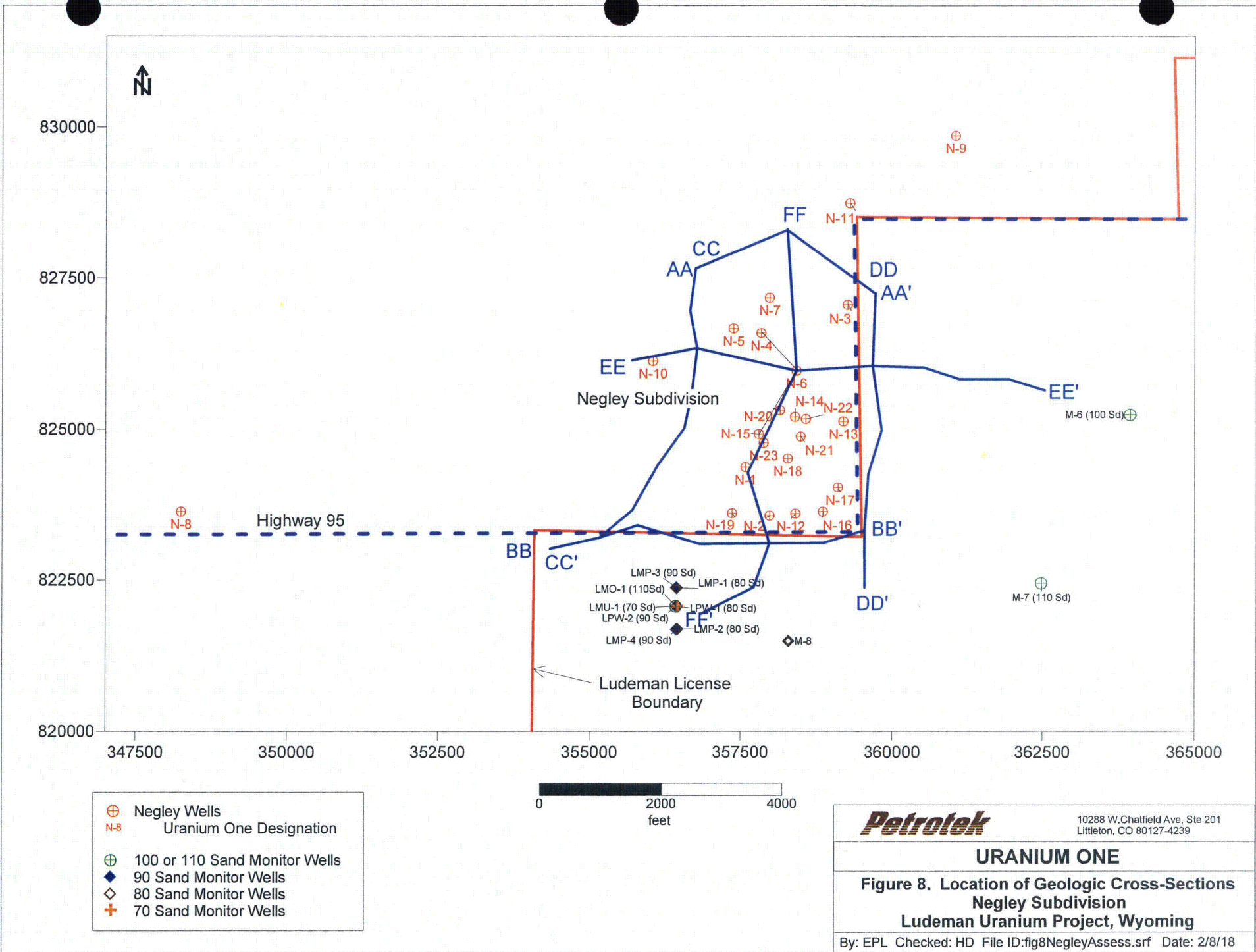


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Figure 7. Structure Map, Top 70 Sand Negley Subdivision Area Ludeman Uranium Project, Wyoming

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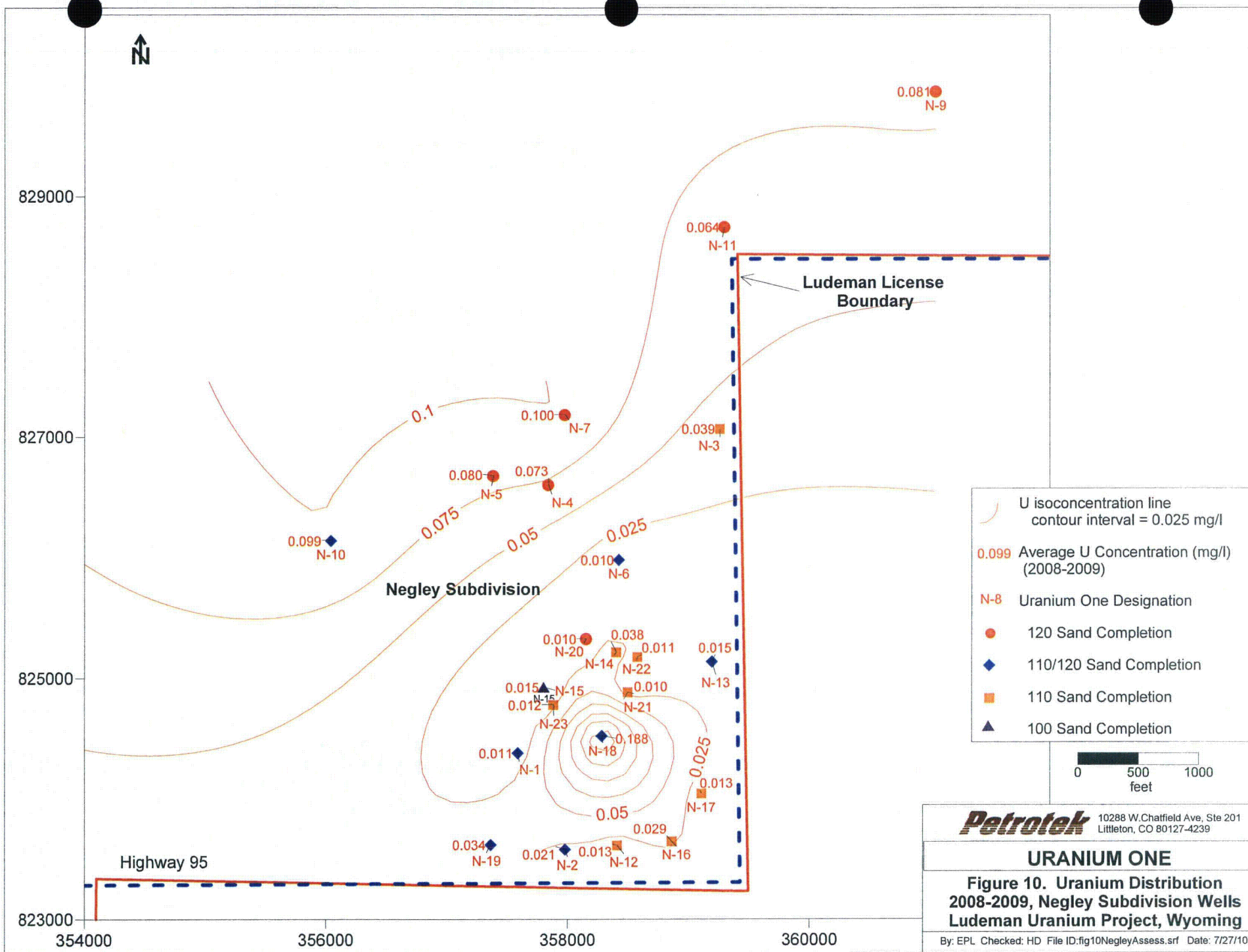
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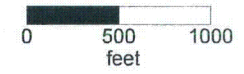
**Figure 8. Location of Geologic Cross-Sections
Negley Subdivision
Ludeman Uranium Project, Wyoming**

By: EPL Checked: HD File ID: fig8NegleyAssess.srf Date: 2/8/18



Legend:

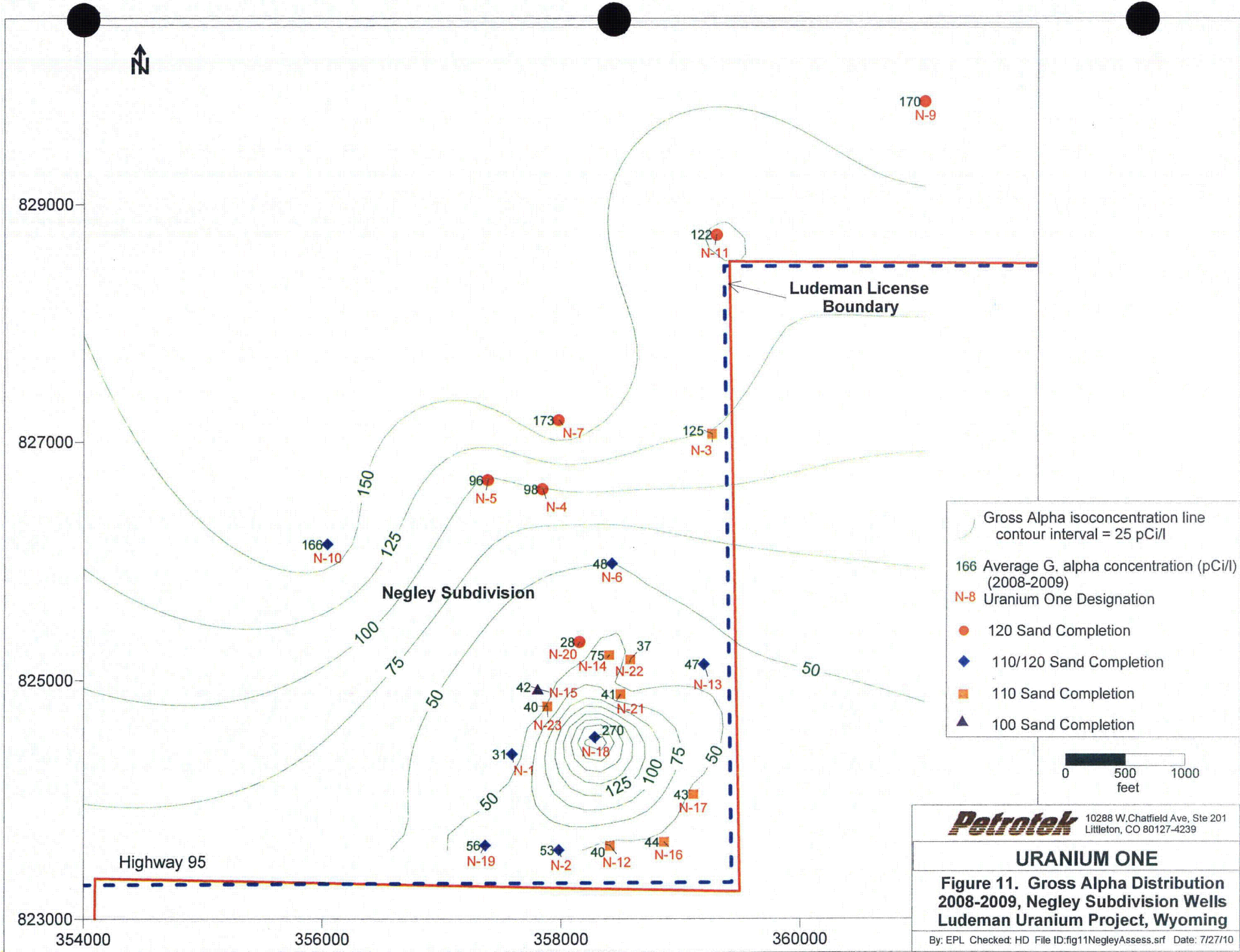
- U isoconcentration line contour interval = 0.025 mg/l
- 0.099 Average U Concentration (mg/l) (2008-2009)
- N-8 Uranium One Designation
- 120 Sand Completion
- ◆ 110/120 Sand Completion
- 110 Sand Completion
- ▲ 100 Sand Completion



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Figure 10. Uranium Distribution
2008-2009, Negley Subdivision Wells
Ludeman Uranium Project, Wyoming

By: EPL Checked: HD File ID: fig10NegleyAssess.srf Date: 7/27/10

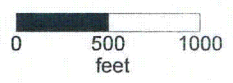


Gross Alpha isoconcentration line contour interval = 25 pCi/l

166 Average G. alpha concentration (pCi/l) (2008-2009)

N-8 Uranium One Designation

- 120 Sand Completion
- ◆ 110/120 Sand Completion
- 110 Sand Completion
- ▲ 100 Sand Completion



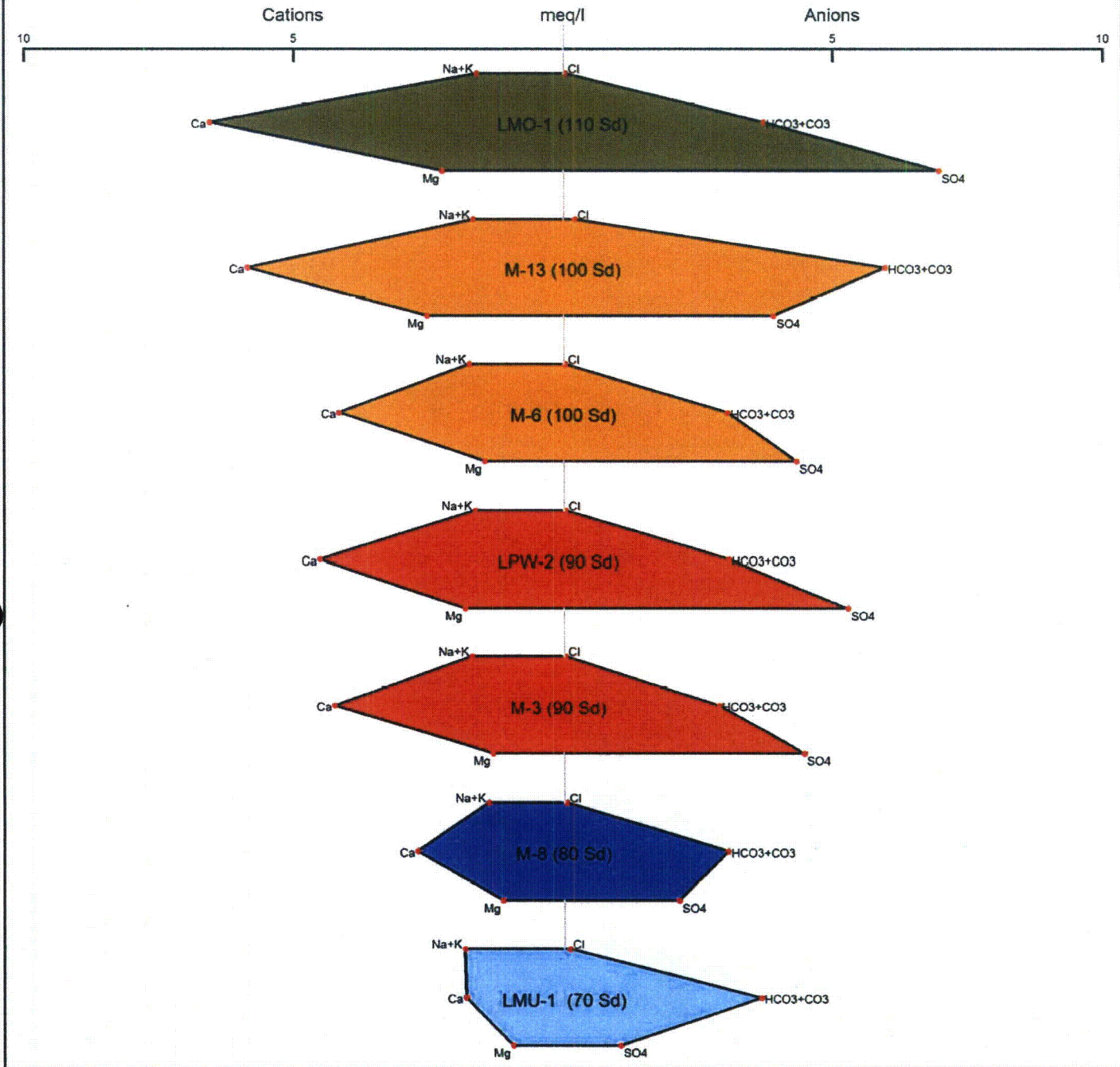
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Figure 11. Gross Alpha Distribution 2008-2009, Negley Subdivision Wells Ludeman Uranium Project, Wyoming

By: EPL Checked: HD File ID: fig11NegleyAssess.srf Date: 7/27/10

Stiff Diagram



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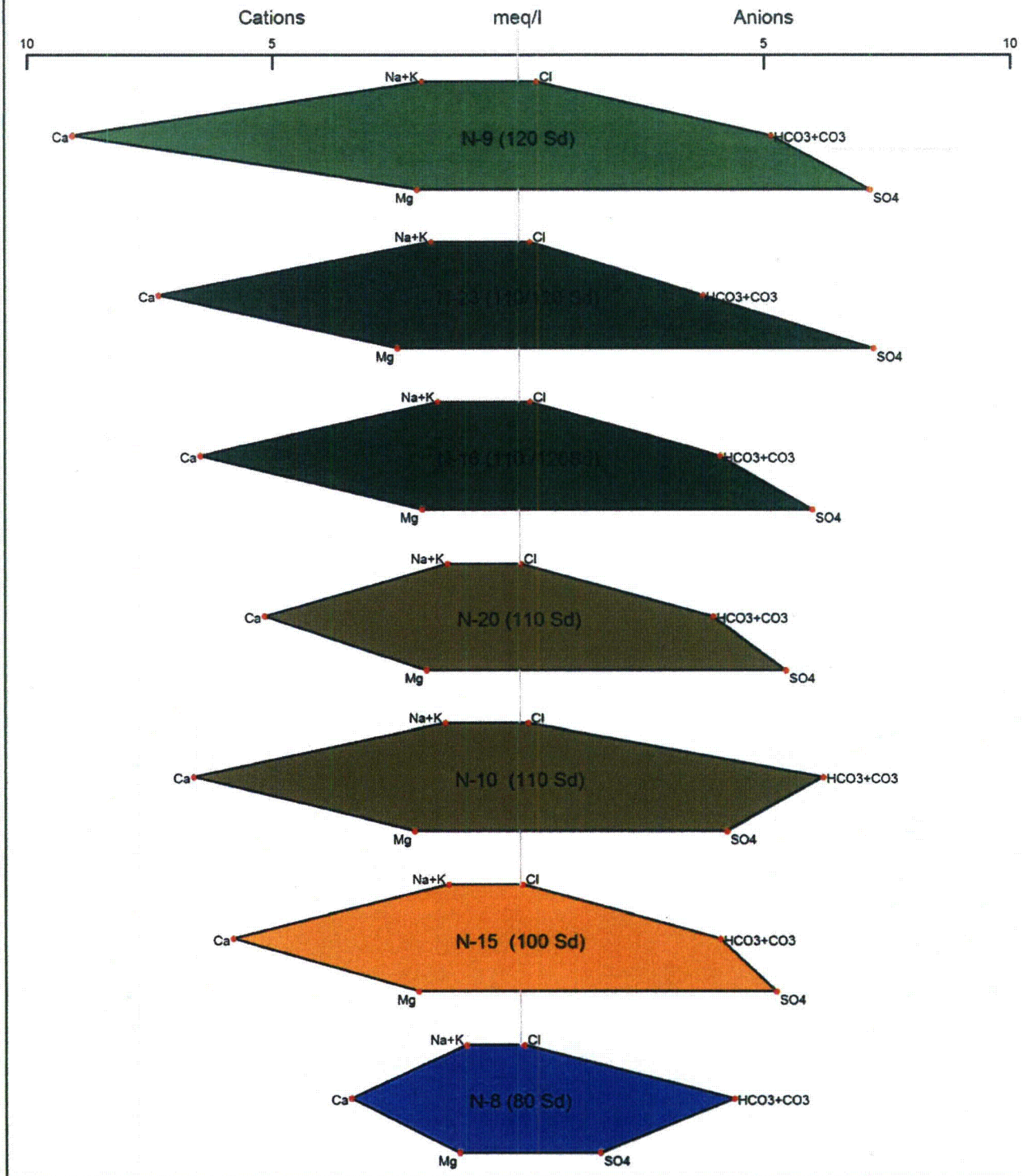
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Figure 12. Stiff Diagrams
Uranium One Monitor Wells
Ludeman Uranium Project, Wyoming

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Stiff Diagram



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Figure 13. Stiff Diagrams
Negley Water Wells
Ludeman Uranium Project, Wyoming

By: EPL Checked: HD File ID: fig7NegleyAssess.srf Date: 1/27/11

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Table 1. Negley Well Information

Uranium One Designation	Name (Original)	Applicant	Permit Number	Latitude North	Longitude West	Easting	Northing
						(NAD 27) (ft)	(NAD 27) (ft)
N-1	LaPlant #1	E LaPlant	50986	42°55.674	105°41.904	357587	824383
N-2	Negley #3	J Negley	26629	42°55.543	105°41.812	357984	823579
N-3	Negley #6 / Anderson #1	W Yoder	42818/83767	42°56.116	105°41.529	359265	827070
N-4	Bourquin #2	W Yoder	40688	42°56.042	105°41.849	357843	826605
N-5	Bourquin #1	W Yoder	40689	42°56.051	105°41.952	357388	826681
N-6	Teton MW KT-2	R Haun	50985	42°55.936	105°41.717	358428	825982
N-7	Negley #5	J.Negley	26631	42°56.138	105°41.821	357980	827187
N-8	Woeck	Woeck	173339	42°55.541	105°43.994	348262	823643
N-9	Layton #4 or Layton #5	AC Layton	180	42°56.581	105°41.137	361050	829865
N-10	AC #1	AC Layton	24572 *	42°55.959	105°42.251	356045	826143
N-11	Layton #1	AC Layton	P08605P	42°56.392	105°41.524	359302	828746
N-12	Huxtable #1	G Huxtable	64309	42°55.550	105°41.717	358413	823613
N-13	Bobbie #1 / Jean #1	Deveraux	30262*/30263*	42°55.798	105°41.542	359199	825139
N-14	ELRU #1	E Doege	46720	42°55.812	105°41.722	358405	825217
N-15	Hickerson #1	M Hickerson	32804	42°55.766	105°41.857	357805	824929
N-16	Highway Corner #2	M Dunham	30265	42°55.555	105°41.617	358868	823646
N-17	Highway Corner #1	M Dunham	30264	42°55.618	105°41.559	359112	824046
N-18	Negley #2	J Negley	9485	42°55.698	105°41.745	358285	824525
N-19	Negley #4	J Negley	26630	42°55.548	105°41.951	357368	823619
N-20	KT-1	R Haun	26415	42°55.827	105°41.777	358156	825327
N-21	Lucky Five #1	E Doege	26463	42°55.760	105°41.702	358501	824888
N-22	Lucky Five #2	E Doege	42928	42°55.806	105°41.682	358583	825179
N-23	Albaugh # 1	J Albaugh	161492	42°55.741	105°41.836	357885	824783

* - permit cancelled
 NAD 27-North American Datum 1927
 ft - feet

Table 1. Negley Well Information

Uranium One Designation	Surface Elevation	Casing ID	TD	TD Elev	Completion Interval	Completion (Teton)	Completion (Uranium 1)	Estimated Top of 90 Sand Elev	Distance from Total Depth of Well to Top of 90 Sand
	(ft amsl)	(in.)	(ft bgs)	(ft amsl)	(ft bgs)			(ft amsl)	(ft)
N-1	5262	5"	131	5131	71-131	O2	110	4971	160
N-2	5255	5"	120	5135	80-120	O2	110	4990	145
N-3	5277	5"	120	5157	40-120	O2/O3	110/120	4870	287
N-4	5269	5"	200	5069	140-200	O1	120	4900	169
N-5	5307	5"	125	5182	60-125	O2/O3	120	4895	287
N-6	5260	5"	196	5064	106-186	O1/O2	110	4927	137
N-7	5290	6"	120	5170	80-120	O2/O3	120	4880	290
N-8	5215	10"	380	4835	340-380	M	80	NE	-
N-9	5371	5"	180	5191	SEO Doc NA	O3	120	4780	411
N-10	5237	5"	150	5087	na	O2	110	4913	174
N-11	5310	5"	140	5170	SEO Doc NA	O3	120	4818	352
N-12	5288	5"	160	5128	120-160	O2	110/120	4986	142
N-13	5293	5"	210	5083	200-210	O2	110	4950	133
N-14	5272	6"	180	5100	135-175	O2	110/120	4950	150
N-15	5258	5"	195	5063	160-195	O1	100	4957	106
N-16	5281	6"	160	5121	120-160	O2	110/120	4981	140
N-17	5261	5"	180	5081	140-180	O2	110/120	4970	111
N-18	5252	5"	130	5122	50-130	O2	110	4968	154
N-19	5214	5"	135	5079	95-135	O2	110	4993	86
N-20	5289	5"	180	5109	120-160	O2	120	4946	163
N-21	5285	5"	180	5105	140-180	O2	110/120	4958	147
N-22	5265	5"	180	5085	135-175	O2	110/120	4952	133
N-23	5260	5"	165	5095	na	O2/O3	110/120	4961	134

in -inches

ft - feet

ft amsl - feet above mean sea level

ft bgs - feet below ground surface

TD - total depth

NE-Not estimated

Table 1. Negley Well Information

Uranium One Designation	Permitted Well Use	Current Use	Pump method	Permitted Yield	Water Level
				(gpm)	(ft bgs)
N-1	Monitor	None	No Pump	0	45
N-2	Domestic	Stock	Submersible pump	25	100
N-3	Domestic	None	No Pump	20	85
N-4	Stock	None	No Pump	12	170
N-5	Domestic	None	No Pump	12	65
N-6	Monitor	None	No Pump	0	67
N-7	Domestic	Domestic	Submersible pump	25	70
N-8	Domestic	Domestic	No Pump	25	110
N-9	Domestic	Stock	Windmill	2	40
N-10	Dom,Stk	Stock	Windmill	NA	NA
N-11	Dom,Stk	Domestic	Submersible pump	4	40
N-12	Dom,Stk	Domestic	Submersible pump	10	80
N-13	Domestic	Domestic	Submersible pump	NA	NA
N-14	Domestic	None	No Pump	23	100
N-15	Domestic	Domestic	Submersible pump	6	80
N-16	Domestic	None	No Pump	10	45
N-17	Domestic	Domestic	Submersible pump	10	55
N-18	Dom,Stk	Domestic	Submersible pump	25	60
N-19	Domestic	Domestic	Submersible pump	25	80
N-20	Domestic	Shop	Submersible pump	12	80
N-21	Domestic	Domestic	Submersible pump	5	80
N-22	Domestic	Domestic	Submersible pump	20	100
N-23	Domestic	Domestic	Submersible pump	NA	NA

gpm -gallons per minute
ft bgs - feet below ground surface

Table 2. Correlation of Uranium One and Teton Sand Nomenclature

Uranium One	120	110	100	90	80	70
Teton	Not Designated	O2	O1	N	M	P

Table 3. Water Quality, Major Ions, Negley Wells, Uranium One Baseline Monitoring

Well ID	Bicarbonate (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Potassium (mg/l)	Sodium (mg/l)	TDS (mg/l)
N-1	245	1	242	111	22	9	25	574
N-2	252	2	247	113	23	8	30	582
N-3	152	115	578	249	37	13	37	1238
N-4	322	8	191	121	20	10	35	588
N-5	345	5	197	109	22	10	30	599
N-6	238	1	245	111	23	8	27	555
N-7	338	7	253	145	24	10	34	688
N-8	263	3	78	69	15	7	21	324
N-9	311	13	343	182	25	12	38	840
N-10	374	6	202	133	26	8	30	650
N-11	290	35	210	153	24	11	26	712
N-12	247	1	261	117	25	9	29	600
N-13	236	9	235	109	23	8	28	576
N-14	252	73	60	96	16	9	26	436
N-15	246	2	250	117	25	9	28	593
N-16	247	8	286	130	24	10	32	643
N-17	243	2	276	125	24	9	28	612
N-18	330	121	580	237	47	8	72	1413
N-19	252	5	185	100	21	8	26	486
N-20	238	<1	260	104	23	8	29	582
N-21	240	<1	256	120	23	9	28	600
N-22	245	2	245	110	23	8	27	567
N-23	226	8	346	147	30	10	35	817

mg/l - milligrams per liter

Values in bold exceed Wyoming Class I Drinking Water Standard

Table 4. Water Quality, Trace Metals, Negley Wells, Uranium One Baseline Monitoring

Well ID	Al (mg/l)	As (mg/l)	Ba (mg/l)	Bo (mg/l)	Cd (mg/l)	Cr (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mn (mg/l)	Hg (mg/l)	Mo (mg/l)	Ni (mg/l)	Se (mg/l)	Vn (mg/l)	Zn (mg/l)
N-1	<0.1	<0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.06	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-2	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.003	<0.1	0.018
N-3	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.110	<0.1	0.010
N-4	<0.1	<0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.028	<0.1	<0.01
N-5	<0.1	0.0025	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.027	<0.1	0.030
N-6	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.15	<0.001	<0.1	<0.05	<0.001	<0.1	0.030
N-7	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.036	<0.1	0.033
N-8	<0.1	<0.001	<0.1	0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.03	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-9	<0.1	<0.001	<0.1	0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.01	<0.001	<0.1	<0.05	0.048	<0.1	0.100
N-10	<0.1	<0.001	<0.1	0.1	<0.005	<0.05	0.02	<0.03	<0.001	0.01	<0.001	<0.1	<0.05	0.014	<0.1	0.143
N-11	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.02	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.042	<0.1	0.020
N-12	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.02	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-13	<1.0	0.002	<0.1	0.1	<0.005	<0.05	<0.01	<0.12	<0.002	<0.01	<0.001	<0.1	<0.05	0.006	<0.1	<0.008
N-14	<0.1	<0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.007	<0.1	0.010
N-15	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.1275	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-16	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.07	<0.001	<0.1	<0.05	0.003	<0.1	0.020
N-17	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.12	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-18	<0.1	<0.001	<0.1	<0.1	<0.005	<0.05	0.03	<0.03	<0.001	<0.01	<0.001	<0.1	<0.05	0.127	<0.1	0.020
N-19	<0.2	0.001	<0.1	<0.1	<0.005	<0.05	<0.02	<0.04	<0.001	<0.01	<0.001	<0.1	<0.05	0.007	<0.1	<0.03
N-20	<0.1	0.001	<0.1	<0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.11	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-21	<0.1	0.001	<0.1	0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.1725	<0.001	<0.1	<0.05	<0.001	<0.1	0.010
N-22	<0.1	0.001	<0.1	0.1	<0.005	<0.05	<0.01	<0.03	<0.001	0.155	<0.001	<0.1	<0.05	<0.001	<0.1	<0.01
N-23	<0.1	0.002	<0.1	<0.2	<0.005	<0.05	<0.01	<0.05	<0.001	0.1235	<0.001	<0.1	<0.05	0.024	<0.1	<0.02

< - analytical results less than reporting limit

mg/l - milligrams per liter

Values in bold exceed Wyoming Class I Drinking Water Standard

Table 5. Water Quality, Radionuclides, Negley Wells, Uranium One Baseline Monitoring

Well ID	Gross Alpha (pCi/l)	Gross Beta (pCi/l)	Lead 210 (pCi/l)	Polonium 210 (pCi/l)	Radium 226 (pCi/l)	Radium 228 (pCi/l)	Ra 226+228 (pCi/l)	Thorium 230 (pCi/l)	Uranium (mg/l)
N-1	31.0	14.0	<3.3	<0.7	0.52	2.03	2.55	<0.2	0.011
N-2	53.2	17.2	<3.6	<0.8	0.51	1.80	2.31	<0.2	0.021
N-3	124.8	33.9	4.3	<0.7	0.56	2.60	3.16	<0.2	0.039
N-4	98.3	32.0	<3.0	<0.8	0.62	3.08	3.69	<0.2	0.073
N-5	96.1	28.0	<2.8	<0.8	0.75	2.50	3.25	<0.2	0.080
N-6	48.4	18.6	<3.1	<0.7	0.67	3.50	4.17	<0.2	0.010
N-7	172.8	46.7	<5.8	<0.6	0.87	5.50	6.37	<0.2	0.100
N-8	5.7	7.2	<4.0	<0.6	0.65	1.60	2.25	<0.3	0.000
N-9	169.7	35.0	<4.8	<0.5	0.35	2.47	2.81	<0.4	0.081
N-10	166.0	36.7	<4.5	<0.6	0.38	2.13	2.51	<0.2	0.099
N-11	121.5	31.0	<3.7	<0.8	0.87	4.40	5.27	<0.2	0.064
N-12	39.7	14.0	<4.1	<0.7	0.32	1.60	1.92	<0.4	0.013
N-13	46.6	19.6	<2.7	<0.9	1.02	4.20	5.22	<0.2	0.015
N-14	75.4	23.5	<2.5	<0.5	1.05	1.80	2.85	<0.3	0.038
N-15	41.7	14.4	<3.5	<0.8	0.69	2.70	3.39	<0.3	0.015
N-16	44.3	19.9	<3.9	<0.7	1.02	2.40	3.42	<0.2	0.029
N-17	42.5	14.3	<4.4	<0.7	0.66	2.10	2.76	<0.2	0.013
N-18	269.5	52.6	<2.6	<0.7	0.44	<1.6	<2.04	<0.3	0.188
N-19	56.4	22.7	<3.4	<0.8	0.74	4.15	4.89	<0.4	0.034
N-20	27.8	14.4	<2.7	<0.6	0.52	4.30	4.82	<0.4	0.010
N-21	41.4	17.3	<5.1	<0.5	<0.77	2.90	<3.67	<0.2	0.010
N-22	37.3	24.1	<3.3	<0.8	0.59	4.70	5.29	<0.3	0.011
N-23	40.3	16.4	<3.5	<0.6	1.00	2.45	3.45	<0.3	0.012

< - analytical result less than reporting limit

Ra226+228 -combined Radium 226 and Radium 228

pCi/l - picoCuries per liter

mg/l - milligrams per liter

Values in bold exceed Wyoming Class I Drinking Water Standard or EPA MCL

Table 6. Comparison of Water Quality from UNC-Teton and Uranium One Baseline Monitoring

Well ID	Sample Period	Parameter											
		Bicarbonate (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Potassium (mg/l)	Sodium (mg/l)	Conductivity umhos/cm	pH s.u.	TDS (mg/l)	Nitrogen (mg/l)	Uranium (mg/l)
N-1	11/18/1979	262.00	2.00	230.00	154.00	7.00	9.50	27.50	700.00	8.01	536.00	<1	<0.1
	Avg. 2008/2009	247.50	1.00	241.00	111.00	22.25	8.75	25.50	817.50	7.70	570.50	<0.05	0.011
N-2	8/79 to 7/80	257.00	4.50	256.00	118.00	25.10	9.90	33.90	947.00	7.46	605.00	0.40	0.022
	Avg. 2008/2009	252.25	1.75	247.00	113.25	22.50	8.00	30.00	833.75	7.81	581.50	0.10	0.021
N-6	12/4/1979	251.00	2.00	108.00	80.00	18.00	7.00	32.00	875.00	7.95	618.00	<1	<0.1
	Avg. 2008/2009	238.00	1.00	244.75	110.75	22.50	8.00	26.75	807.50	7.70	555.00	<0.05	0.010
N-11	8/79 to 7/80	275.00	6.00	300.00	113.00	22.70	10.80	33.30	748.00	7.81	627.00	1.64	0.012
	Avg. 2008/2009	289.50	34.75	209.75	153.00	24.25	10.50	26.00	1052.50	7.68	712.25	18.73	0.064
N-13	8/79 to 7/80	241.00	3.60	269.00	120.00	21.60	9.30	31.50	866.00	7.68	619.00	0.42	0.015
	Avg. 2008/2009	236.00	9.00	234.75	108.75	22.50	8.25	27.75	824.25	7.68	576.00	0.48	0.015
N-15	8/79 to 7/80	252.00	5.20	244.00	111.00	23.60	8.70	30.80	790.00	7.62	617.00	0.41	0.017
	Avg. 2008/2009	245.75	2.00	250.00	116.75	24.75	8.75	27.50	828.00	7.74	592.50	<0.13	0.015
N-16	8/79 to 7/80	254.00	4.30	254.00	121.00	22.50	9.60	33.00	814.00	7.70	635.00	0.36	0.014
	Avg. 2008/2009	244.75	1.50	245.25	110.25	22.50	8.00	27.00	809.00	7.70	566.50	<0.1	0.011
N-17	8/79 to 7/80	244.00	3.20	271.00	126.00	22.20	9.30	31.10	805.00	7.69	648.00	0.45	0.300
	Avg. 2008/2009	243.00	2.25	276.25	124.75	23.75	8.75	28.00	864.75	7.79	611.50	0.09	0.013
N-18	8/79 to 7/80	266.00	5.70	237.00	123.00	19.40	8.80	32.60	792.00	7.49	598.00	0.83	0.080
	Avg. 2008/2009	330.00	121.25	580.00	237.00	47.25	7.50	72.00	1870.00	7.56	1412.50	14.13	0.188
N-20	8/79 to 7/80	247.00	4.30	252.00	118.00	22.70	9.10	32.00	805.00	7.58	612.00	0.31	0.013
	Avg. 2008/2009	238.00	<1	260.00	104.00	23.00	8.00	29.00	842.00	7.45	582.00	<0.05	0.010
N-21	8/79 to 7/80	258.00	4.30	257.00	117.00	24.50	9.90	32.60	790.00	7.41	638.00	0.27	0.014
	Avg. 2008/2009	240.25	<1	256.00	119.50	23.25	8.50	27.50	824.25	7.67	599.50	<0.07	0.010
N-22	8/79 to 7/80	247.00	4.30	252.00	118.00	22.70	9.10	32.00	805.00	7.58	612.00	0.31	0.013
	Avg. 2008/2009	244.75	1.50	245.25	110.25	22.50	8.00	27.00	809.00	7.70	566.50	<0.1	0.011

mg/l - milligram per liter

s.u. - standard pH units

umhos/cm - microohms per centimeter

Value in bold indicates significant change from 1979/80 data