

Spray, Karen

From: Spray, Karen
Sent: Wednesday, April 02, 2008 9:29 AM
To: Scott, Cindy
Subject: WQ Data Needed

Hi Cindy,

When you have a chance (really, no hurry), can you query the database and see what domestic water well data we have in the vicinity of Sec 21 T32N R6W? It's right on the NM border, south of Allison, CO. I sampled a domestic well in the NW of Sec. 21 yesterday and want to see what other area wells have tested at.

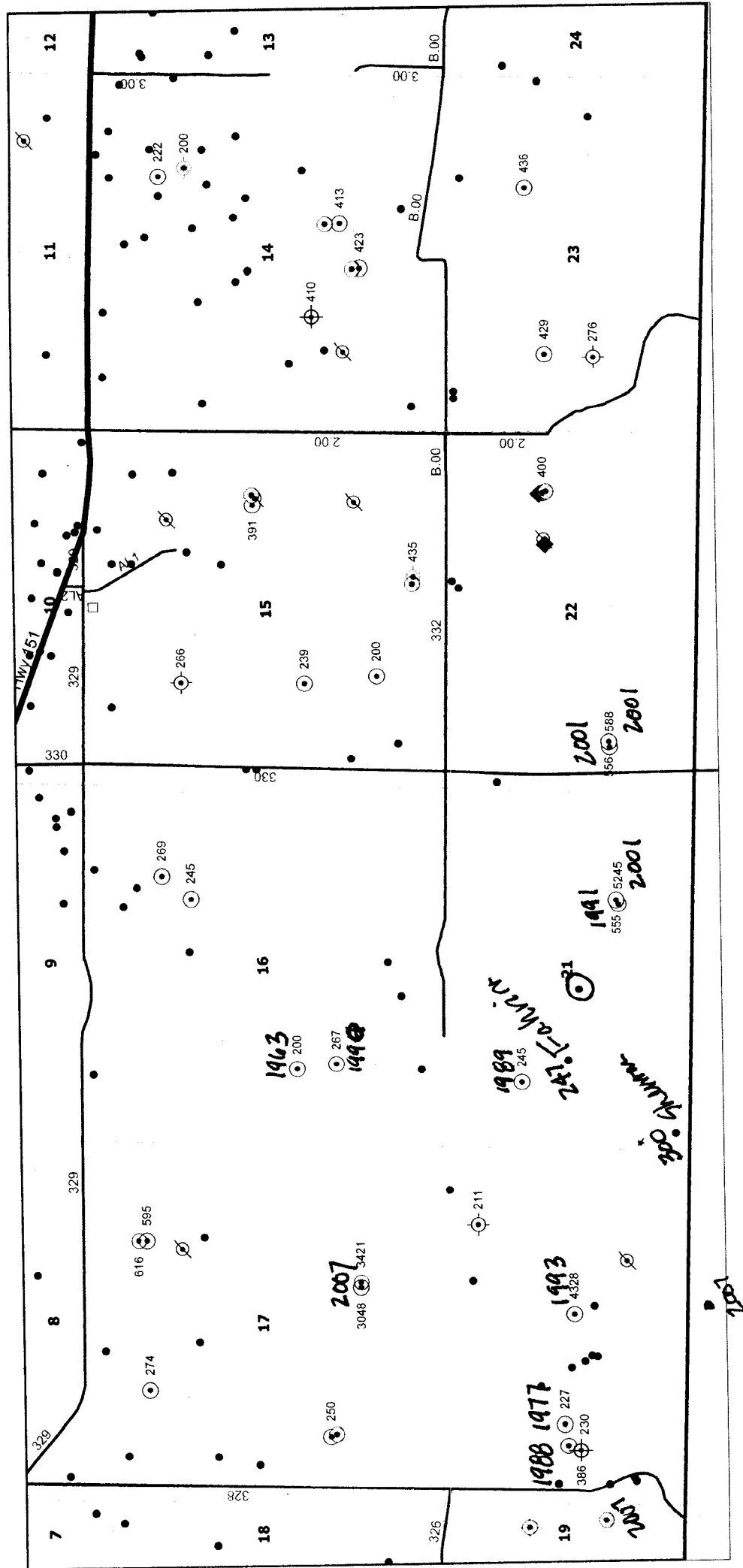
Thanks.

Karen L. Spray, PG
SW Environmental Protection Specialist
Colorado Oil & Gas Conservation Commission
P.O. Box 2651
Durango, CO 81302-2651
970-259-1619
970-259-9128 (fax)
970-903-1242 (cell)
karen.spray@state.co.us
www.cogcc.state.co.us

 *please consider the environment before printing this email*

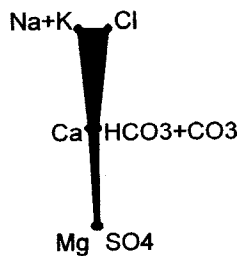
Parameter	05/10/2005	04/01/2008		05/15/2008		05/15/2008
		#1	#2	Outside	RO	Fahrian
Alkalinity, Total	276	194	162	118	12	220
Alkalinity, Bicarbonate		190	162	114	12	220
Alkalinity, Carbonate		<10	<10	<10	<10	<10
Alkalinity, Hydroxide		<10	<10	<10	<10	<10
Ca		127	287	672	28.2	49
Cl	56	590	1260	3020	218	<10
EC	938	2410	4400	9440	719	388
F		6.5	5.8	5	0.3	0.4
Fe	ND	<0.05	<0.05	0.11	<0.05	<0.05
Mg		3	6.3	15.6	0.5	10.9
Mn		0.0409		0.0939	0.0062	0.0006
Nitrate/Nitrite as N	0.5	0.12				2.55
pH	6.85	8.04	7.63	6.33	6.31	7.42
K		1.3	2	4.1	0.6	1.5
Se		0.009		0.016	<0.001	0.001
Na		402	626	1130	127	23.5
S04	160	174	178	243	<10	24
TDS	461	1300	2630	5820	405	260
Hardness	61.63	329	743	1740	72	167
CAB		0.51	0.11	4.78	4.36	0.21

SPUD DAZE

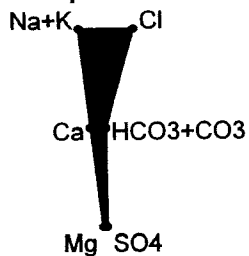


Stiff Diagram

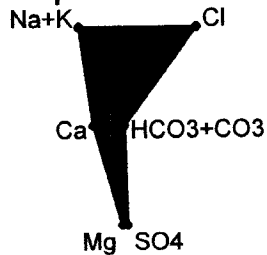
Kempinski#1



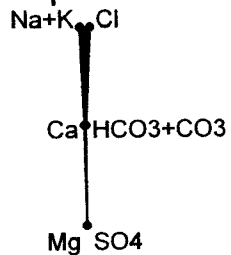
Kempinski#2



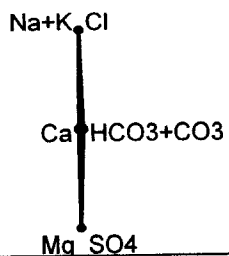
KempinskiOutside



KempinskiRO

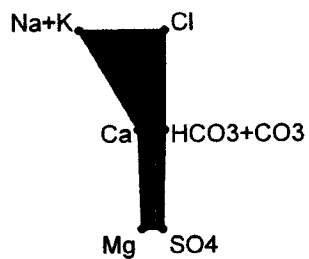


Fahrion

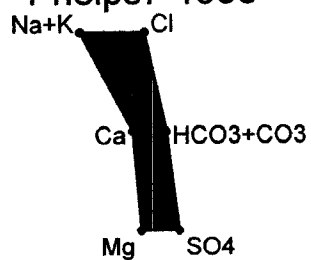


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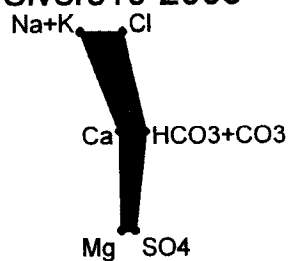
Lerno8-2005



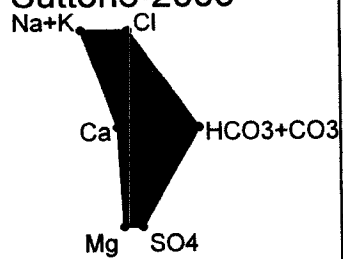
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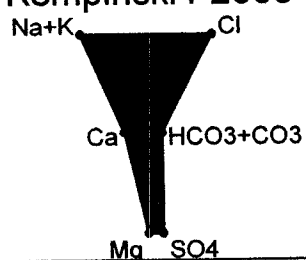
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Sutton6-2000

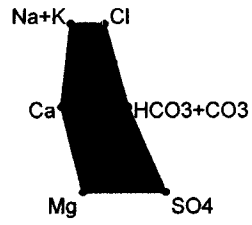


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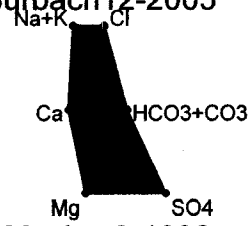


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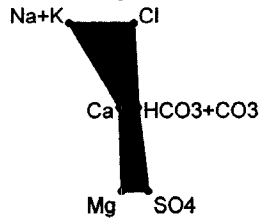
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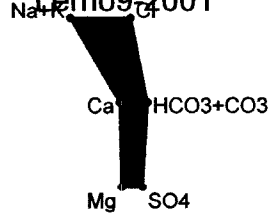
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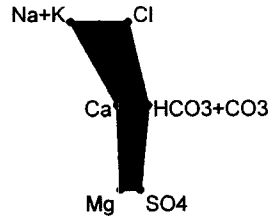
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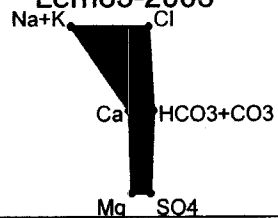
Lerno9-2001



Lerno11-2001



Lerno3-2003



FORM NO. GWS-37 11/90	WELL CONSTRUCTION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER	For Office Use only <div style="font-size: 1.5em; font-weight: bold;">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold;">SEP 16 1998</div> WATER RESOURCES STATE ENGINEER COLORADO																						
1. WELL PERMIT NUMBER <u>209555</u>																								
2. OWNER NAME(S) <u>Carol Sherman</u> Mailing Address <u>P.O. Box 1243</u> City, St. Zip <u>Ignacio, Colo 81137</u> Phone (<u>970</u>) <u>563-9335</u>																								
3. WELL LOCATION AS DRILLED: <u>NW 1/4 SE 1/4, Sec. 21 Twp. 32 N, Range 6 W</u> DISTANCES FROM SEC. LINES: <u>1360</u> ft. from <u>South</u> Sec. line. and <u>2390</u> ft. from <u>East</u> Sec. line. OR <small>(north or south) (east or west)</small> SUBDIVISION: _____ LOT _____ BLOCK _____ FILING(UNIT) _____ STREET ADDRESS AT WELL LOCATION: _____																								
4. GROUND SURFACE ELEVATION <u>6400 ft. +</u> DRILLING METHOD <u>Rotary Air</u> DATE COMPLETED <u>7-17-98</u> TOTAL DEPTH <u>300</u> ft. DEPTH COMPLETED <u>300</u> ft.																								
5. GEOLOGIC LOG: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Depth</th> <th>Description of Material (Type, Size, Color, Water Location)</th> </tr> </thead> <tbody> <tr><td>0-20</td><td>Clay</td></tr> <tr><td>20</td><td>weathered shale</td></tr> <tr><td>30</td><td>gray shale</td></tr> <tr><td>45</td><td>sandstone</td></tr> <tr><td>90</td><td>and streaky shale</td></tr> <tr><td>110</td><td>water sandstone</td></tr> <tr><td>180</td><td>shale</td></tr> <tr><td>180</td><td>sandstone water</td></tr> <tr><td colspan="2" style="text-align: center;">}</td></tr> <tr><td colspan="2" style="text-align: center;">300 T.D.</td></tr> </tbody> </table>	Depth	Description of Material (Type, Size, Color, Water Location)	0-20	Clay	20	weathered shale	30	gray shale	45	sandstone	90	and streaky shale	110	water sandstone	180	shale	180	sandstone water	}		300 T.D.		6. HOLE DIAM. (in.) From (ft) To (ft) <u>8 1/2</u> <u>0</u> <u>20</u> <u>8"</u> <u>20</u> <u>300</u>	
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8. FILTER PACK: Material <u>gravel</u> Size <u>1/2 chips</u> Interval <u>18-300</u>		9. PACKER PLACEMENT: Type _____ Depth _____																						
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11. DISINFECTION: Type <u>chlorine</u> Amt. Used <u>1 cup</u>																								
12. WELL TEST DATA: <input type="checkbox"/> Check box if Test Data is submitted on Supplemental Form. TESTING METHOD Static Level <u>50</u> ft. Date/Time measured <u>7-17-98 1+ hr</u> Production Rate <u>app 4</u> gpm. Pumping level _____ ft. Date/Time measured _____ Test length (hrs.) _____ Remarks _____																								
13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.] CONTRACTOR _____ Phone <u>(970) 382 0106</u> Lic. No. <u>706</u> Mailing Address _____																								
Name/Title (Please type or print) <u>Harry Mortimer</u>		Signature <u>Harry Mortimer</u>																						
		Date <u>9-11-98</u>																						