

From: Stephen Cohen
To: Betty Garrett
Date: 06/18/2007 7:51:48 AM
Subject: Fwd: proposed change on Old Rifle - WM-62

Please Docket e-mail and attachments in Rifle.

>>> "Rich Bush" <Richard.Bush@lm.doe.gov> 05/21/2007 6:19 PM >>>

Steve, we are having a bit of a problem with a landowner at the Old Rifle Site and I am hoping you can help us out. I propose to relocate a background well and an upstream surface sampling location to City property. We already have wells on their property and they are very cooperative. The existing landowner wants us to enter into a separate agreement with the railroad for his crossing, and as well wants us to decommission the wells not being used on his property. We planned to do that anyway, and it would simpler if we just decommission all of the wells on his property at once. There are four wells, and one that we sample, as well as accessing the river for the surface sample. I have attached a map of the proposed changes along with a lith log of the existing well we propose to replace with a new background well. The location is downgradient about half a mile closer to the site, still in the alluvium. The surface location is also downstream about the same distance closer to the site. It has been used before but was discontinued at some point. Please let me know if you would have any problems with this. We can save on the mob/demob costs if we can schedule the work in conjunction with some other drilling to be done in June. Please call to discuss if you like. Richard P. Bush
DOE Office of Legacy Management
2597 B3/4
Road
Grand Junction, CO 81503
970-248-6073

Mail Envelope Properties (467671CD.78B : 13 : 9724)

Subject: Fwd: proposed change on Old Rifle
Creation Date 06/18/2007 7:51:41 AM
From: Stephen Cohen
Created By: SJC7@nrc.gov

Recipients

nrc.gov

OWGWPO02.HQGWDO01

BSG (Betty Garrett)

Post Office

OWGWPO02.HQGWDO01

Route

nrc.gov

Files	Size	Date & Time
MESSAGE	2101	06/18/2007 7:51:41 AM
TEXT.htm	5008	
lithlog.PDF	33132	06/18/2007 7:51:17 AM
wellrelocation.pdf	384515	06/18/2007 7:51:18 AM

Options

Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

Concealed Subject: No
Security: Standard

Junk Mail Handling Evaluation Results

Message is not eligible for Junk Mail handling
Message is from an internal sender

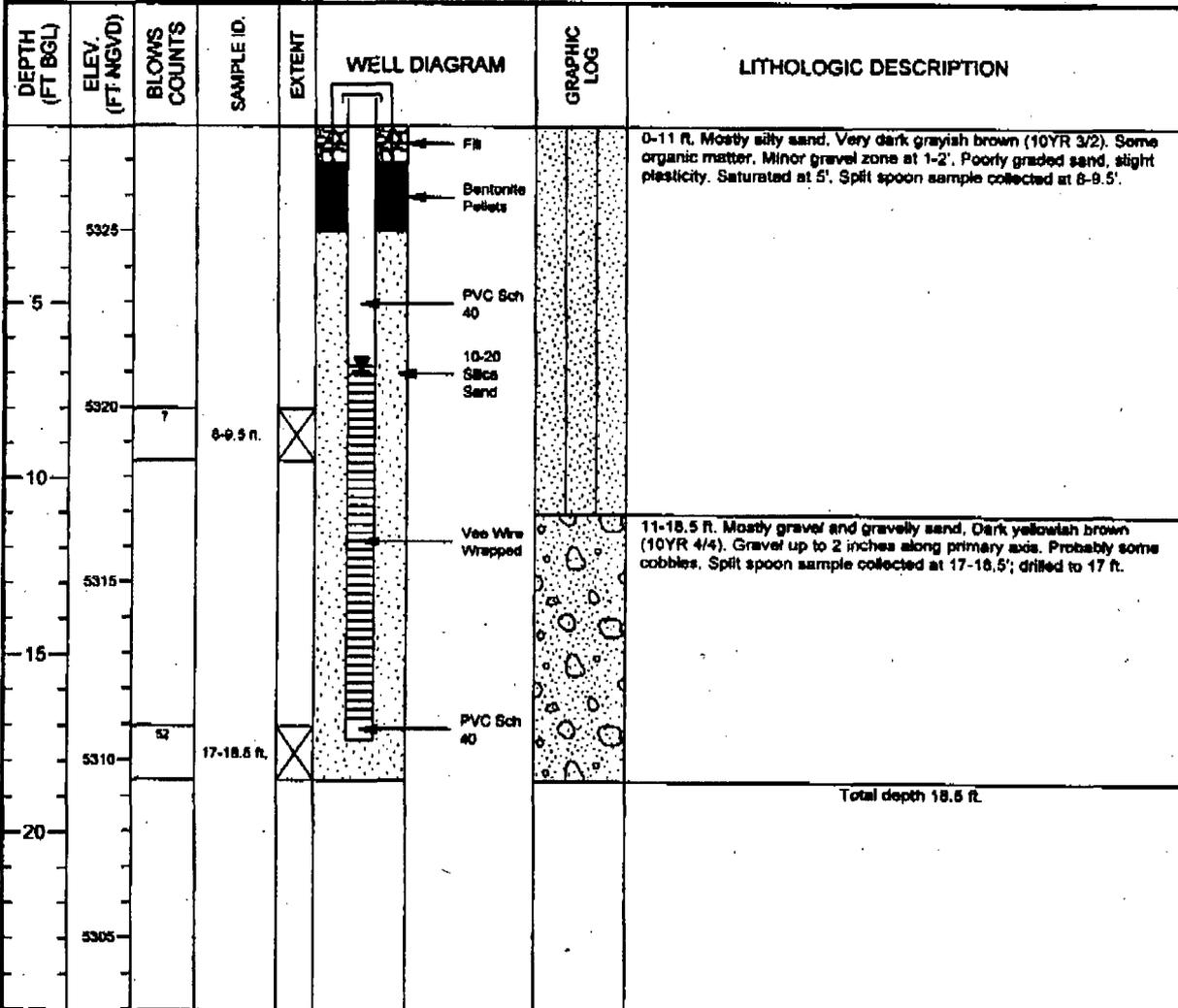
Junk Mail settings when this message was delivered

Junk Mail handling disabled by User
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Junk List is not enabled
Junk Mail using personal address books is not enabled
Block List is not enabled

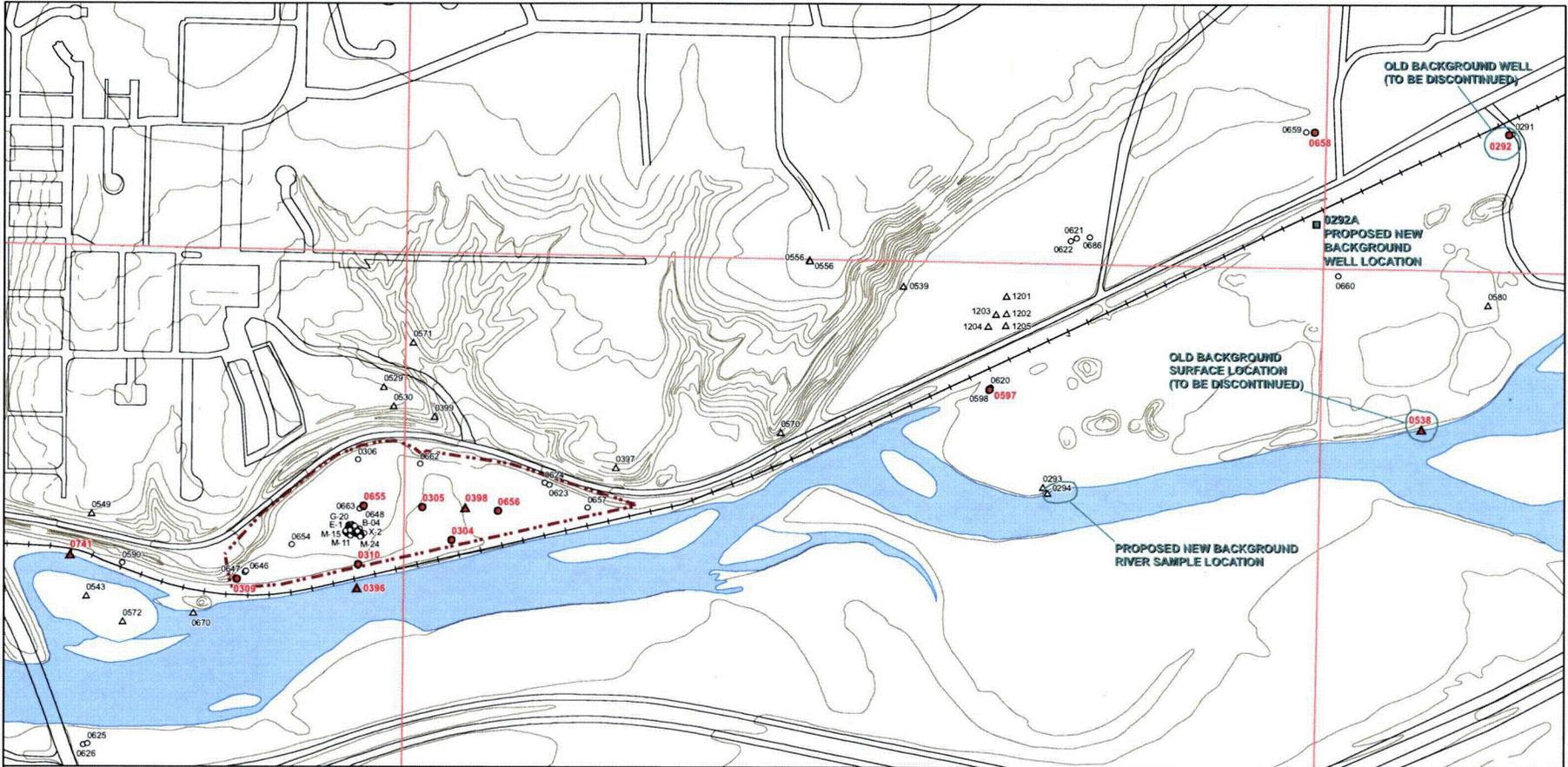
MONITORING WELL COMPLETION LOG RFO01-0292

PROJECT <u>UMTRA GROUND WATER</u>	NORTH COORD. (FT) <u>827847.72</u>	DATE DRILLED <u>4/6/98</u>
LOCATION <u>RIFLE, CO</u>	EAST COORD. (FT) <u>1365945.24</u>	SURFACE ELEV. (FT NGVD) <u>5327.94</u>
SITE <u>RIFLE</u>	HOLE DEPTH (FT) <u>18.50</u>	TOP OF CASING (FT) <u>5329.49</u>
WELL NUMBER <u>0292</u>	WELL DEPTH (FT) <u>17.36</u>	MEAS. PT. ELEV. (FT) <u>5329.49</u>
		SLOT SIZE (IN) <u>0.02</u>
		BIT SIZE(S) (IN) <u>7.0</u>

	WELL INSTALLATION	INTERVAL (FT)	
SURFACE CASING:			
BLANK CASING:	2 in. PVC Sch 40	-1.88 to 6.78	DRILLING METHOD <u>ODEX - CASING ADVANCE</u>
WELL SCREEN:	2 in. Vee Wire Wrapped	6.78 to 16.78	SAMPLING METHOD <u>SPLIT SPOON/CYCLONE</u>
SUMP/END CAP:	2 in. PVC Sch 40	16.78 to 17.36	DATE DEVELOPED <u>4/6/98</u>
SURFACE SEAL:	Native soil/fill	0.0 to 1.0	WATER LEVEL (FT BMP) <u>8.5</u>
GROUT:			LOGGED BY <u>L. Spencer</u>
SEAL:	Bentonite Pellets	1.0 to 3.0	REMARKS <u>Replacement for 605</u>
UPPER PACK:			
LOWER PACK:	10-20 Silica Sand	3.0 to 17.36	

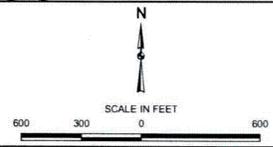


U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION OFFICE, COLORADO



LEGEND

▲ SAMPLED SURFACE LOCATION	--- SITE BOUNDARY	— RAILROAD
● SAMPLED MONITOR WELL	— SECTION LINE	— TOPOGRAPHIC CONTOUR (10')
△ EXISTING SURFACE LOCATION	— ROAD	■ RIVER
○ EXISTING MONITOR WELL LOCATION		



U.S. DEPARTMENT OF ENERGY GRAND JUNCTION, COLORADO	Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-AC01-02OR21481
Old Rifle, CO, Processing Site	
DATE PREPARED May 21, 2007	FILENAME S0334200

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