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### PVC-011-R. Smith-Field Notes-2002

Russell Smith

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Russell Smith  
#11 PVC

Copper mine near  
Sta. Barbara Highway,  
Pueblo Nuevo.

1-July-2002

(1)

Bottom

pvc 1m x 6  
Cave/001

Francisco

Sq. 1

1x1m 20 cm bgs Cave/001 Sq. 1

5.5m W of cave entrance from NW corner

20cm bgs

workers finding chert pieces. Very careful and thorough.  
Some chert stones very large. later import to area? There  
is a <sup>casita</sup> ~~trastorno~~ 5m North. <sup>(cuenca)</sup> Quartz of very clear <sup>milky</sup> chert as well.  
Finding one as deep as 2m, 2<sup>nd</sup> small shells

All above is new, found modern copper mine at 15m bgs  
Cave/006 20-40 cm bgs from NW corner of Bottom sq.

Not finding anything but occasional chert pieces. Will go  
deeper. Hopefully we can do 80m before day's end. Change in  
soil at about 25m bgs. pinched through, finding nothing.

Top

1x1m entrance to cave Cave/002

10m bgs from NE corner

pulled copper ore (according to workers) from excavation  
as well as obsidian chip. Soil is very loose, dusty up at  
cave entrance.

Cave/003 10-30 cm bgs from NE corner

found carbon, Dig ties to, have decided not to see  
any more ore pieces unless they are special. If it turns out  
we need one for something we can always dig another square  
Originally 10-20 but only ~~the~~ one pot piece found at about  
15m bgs so added 10 more cm to lot.

Flat Llano

flat/even nivellano

Cave/004 30-45 cm bgs from NE corner

So far nothing but the large pot shard.  
Will be interesting to see how Pat can identify it - maybe  
modern? Having then clear off floor with brushes (escobas)

Cave/005 0-10 cm bgs from NE corner of square 1m  
E of previous (002-004) cave square. Large cow leg, <sup>(recent)</sup> bone

rest below surface. Another tiesto and stage flat pieces of wood

1-July-2002

Bottom

Cave/008 0-20 cm bgs from NW corner of sq. 2 bottom  
 Sq. 2 located 1.75 m due S from sq. 1 bottom. Not much  
 hope for things, but perhaps if we go deep enough  
 this afternoon.

Cave/009 40-60 cm bgs from NW corner of square 1  
 Erosional deposition will be deep here, but we seem to have less one  
 the deeper we go. No more digging, nothing here.

Cave/010 20-40 cm bgs from NW corner of square 2  
 Everyone is a bit bored with finding nothing. Hope we stay alert  
 Ditto as above. Just bits of one that could have  
 washed down anytime. No artifacts. Empty lot

Top

Cave/007 10-30 cm bgs in sq. 2 of cave. Decided to  
 backfill dirt to sq. 1 since once I've dug I no longer need  
 to see cave floor. (45 cm bgs sloping to North) Nothing here  
 at all. Stopped digging cave/mine.

Pat mentioned that mining may have been done simply by  
 using rocks lying about to hit the cave to 'hit' the one out  
 of the mountain. I tried this and it can be done. Rock  
 and especially one from cave is very soft and easy to chip  
 out. However doing so with rocks lying about would not be  
 recommended as they are soft as well and very jagged (and  
 consequently nasty on the hands). Some rounded river  
 cobbles at base of hill that could be used to chip  
 stone, but didn't see any sort of wear marks.