

SEC. 34 TWP. 10S RGE. R24E LOCATION NW 1/4, NW 1/4  
FARM Southam NO. 2 ELEVATION 5432 Gr.  
OWNER \_\_\_\_\_ STATE Utah COUNTY Uintah

SAMPLES FROM 70 TO 410 EXAMINED BY Malone DATE 11-15-72

FROM	TO	LITHOLOGIC DESCRIPTION, FORMATION AND REMARKS
70	80	Siltstone, Hgy, tr carbon
80	90	Siltstone, Hgy, slightly calcareous, tr fine pyrite
90	100	Siltstone, as above & SS, f, Hgy, Subang, "muckstone"
100	110	SS, f, Hgy, Subang, packstone, calcareous
110	120	SS, as above, silty matrix
120	130	Siltstone, Hgy, tr. carbon
130	140	Siltstone, as above
140	150	Siltstone, as above
150	160	Siltstone, Hgy, calcareous, tr. carbon, tr. f. pyrite
160	170	Siltstone, as above
170	180	Siltstone, Hgy, some is sandy, and some is very micaceous
180	190	Siltstone, dolomitic, gy, tr pyrite, and siltstone as above
190	200	Siltstone, dolomitic, gy, tr pyrite
200	210	Siltstone, Hgy, some has a little very fine sand, & siltstone, as above
210	220	Siltstone, as above, tr pyrite
220	230	Siltstone, tangy, tr pyrite
230	240	Siltstone, as above but tr. carbon
240	250	Siltstone, tan-Tangy, tr pyrite
250	260	Siltstone, tangy, pyrite
260	270	Siltstone, as above but tr. carbon
270	280	Siltstone, Hgy-tan, tr. carbon, tr. pyrite
280	290	Siltstone, as above
290	300	Siltstone, as above, tr selenite
300	310	Siltstone, Hgy, tr carbon, calcareous
310	320	Siltstone, as above, but tr. pyrite
320	330	marlstone, brn and siltstone as above
330	340	Siltstone, Hgy, and marlstone (10%), brn
340	350	Siltstone & marlstone, as above
350	360	Siltstone & marlstone, as above
360	370	marlstone, Hgy, dolomitic
370	380	marlstone, Hgy-tan, tr pyrite dolomitic
380	390	marlstone, Hgy, pyrite
390	400	marlstone, brn, dolomitic
400	410	marlstone, as above

Uinta Fm.  
vacuation  
K member

**RECORD OF SAMPLE DESCRIPTION**  
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SEC. 34 TWP. 10S RGE. 24E LOCATION \_\_\_\_\_

FARM Southam NO. 2 ELEVATION 5432 Gr.

OWNER \_\_\_\_\_ STATE Utah COUNTY Uintah

SAMPLES FROM 410 TO            EXAMINED BY Malone DATE 11-15-72

FROM	TO	LITHOLOGIC DESCRIPTION, FORMATION AND REMARKS
410	420	marlstone, brn, tr pyrite, dolomitic
420	430	marlstone, dk brn - brn, pyrite
430	440	marlstone, brn, - Some tan - tr. pyrite
440	450	marlstone, dk brn - brn, - Some tan with pyrite
450	460	marlstone, tan - dk brn - brn,
460	470	marlstone, as above
470	480	marlstone, dk brn - tan - brn, Tr carbonate, dolomitic
480	490	marlstone, blk - tan - brn, tr. carbonate, tr calcite
490	500	marlstone, dk brn - brn, dolomitic
500	510	marlstone, blk High Kerogen Content <small>Probably not representative of entire 10' interval</small>
510	520	marlstone, brn - blk, High Kerogen content
520	530	marlstone, tan - brn, tr pyrite, dolomitic
530	540	marlstone, as above, much calcite.
540	550	marlstone, blk - tan - brn, calcite, dolomitic
550	560	marlstone, as above
No	Return	s from 560' - on.