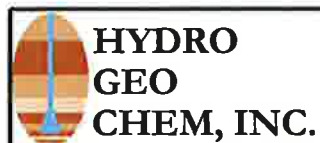


NOT TO SCALE



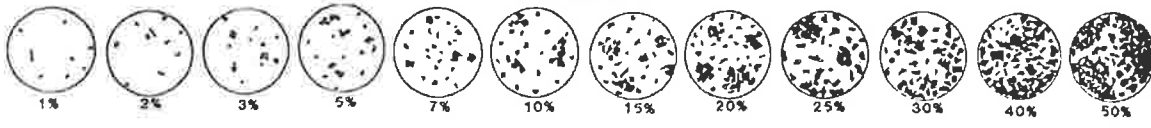
**DR-2
 WELL ABANDONMENT SCHEMATIC**

Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180271A Well Construction Diagram	

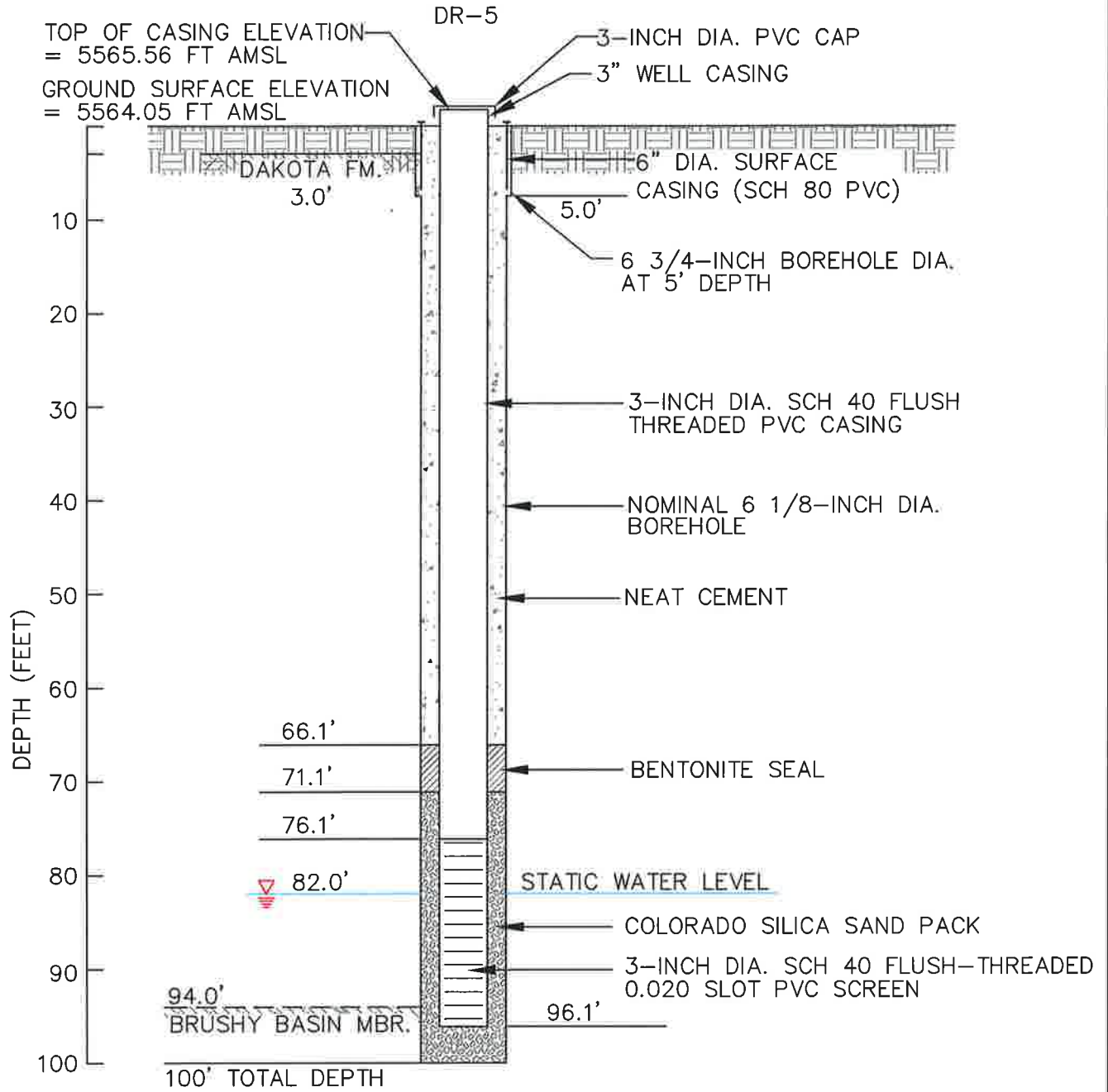
Date 5/15/2011 Geologist L. Caspell Drilling Co. Bayles Exploration Inc. Hole No. DR2
 Property W. 2 Mrs. Mill Project Cell 4B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. ~5576

DEPTH	SAMPLE TAKEN	GRAPIC LOG	ALTERATION	BAMMA ANOMALY	BIOTIC PIPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	PYRITE	ALTER.	METALLIC	NON-METALLIC	REACT-10% HCL	AMOUNT	TYPE	REMARKS
0																							
2.5						sandy mdst	robn	H-pkn	f	C	P	A											Surface 2.5 to 2.0' fines sand (unconsolidated)
5.0						sh-qtz ss	H-pkn		m	C	P	A											Upper 2.5 to 2.0' (unconsol to 4.0')
7.5						qtz ss	lt br		m	C	F	A		H									wh chert grains
10.0						sh	uvgy																
12.5						sh-qtz ss	dk gy		m	C	F	A											
15.0						qtz ss	uvtn		m	W	R												
17.5						qtz ss	uvtn		m	W	R		L										space limonite grain coating
20.0						qtz ss	uvtn		m	W	R												gy etc grains
22.5						qtz ss	uvtn		m	pep	P	A											Minor calc. etc. - some dk chert grains - pb
25.0						qtz ss	uvtn		m	pep	P	A											H-dk chert grains
27.5						qtz ss	lt tn		f	M	W	R											
30.0						sh	uvgy																
32.5						sh	uvgy																
35.0						sh	uvgy																
37.5						sh	uvgy																
40.0						qtz ss silt	uvtn		silt	W	M	R											
42.5						qtz ss s-st	lt tn		silt	W	M	R											
45.0						qtz ss s-cr	lt tn		silt	W	M	R											
47.5						silt-st-gh	uvtn																
50.0						sh	Hgn-uvtn																
52.5						silt-st-qtz	uvtn		silt	M	P	A											
55.0						silt-st-qtz	uvtn		silt	W	M	R											
57.5						qtz ss	lt tn		f	W	R												
60.0						qtz ss	lt tn		f	W	R												
62.5						qtz-st-sh	uvgy																
65.0						sh	uvgy																
67.5						qtz ss	uvtn		vf	M	W	R		tr a									
70.0						qtz ss	lt tn		m	W	R												
72.5						qtz ss	lt tn		m	W	R												
75.0						qtz/cher ss	uvtn		m	pep	P	A											abund dk chert grains - 4-6 grains
77.5						qtz ss-eg	uvtn		vc	pep	P	A											abund multi colored chert grains
80.0						qtz ss-cal	uvtn		vc	pep	P	A											well preserved - approx 3 grains @ 79.0'
82.5						cal-qtz ss	uvtn		m	pep	P	A		Si									
85.0						qtz ss	uvtn		m	pep	F	A		Si									
87.5						qtz ss-sn	uvtn		m	pep	P	A		Si	L								Fracture in 87.5' good oil as permit
90.0						sh	uvtn																fluid marked to 79.0' @ 87.0'
92.5						sh	uvtn																
95.0						sh	uvtn																T.D. some tall blk rd chert grains - 1-2 mm
97.5																							
100.0																							(possible dk bn material (dead oil?) in
102.5																							interference of sand grains @ 87.5')
105.0																							
107.5																							
110.0																							
112.5																							
115.0																							
117.5																							
120.0																							
122.5																							
125.0																							

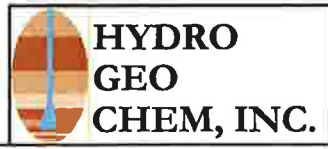
PERCENTAGE COMPOSITION IMAGE



Note: this well completed on 6/15/2011



NOT TO SCALE

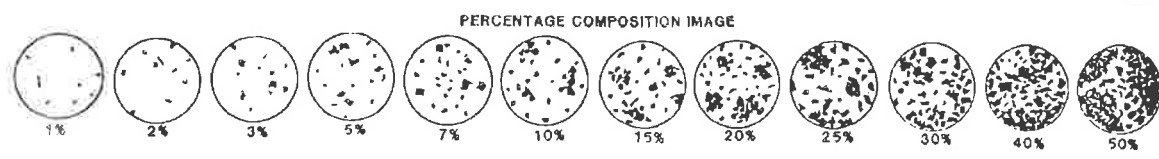


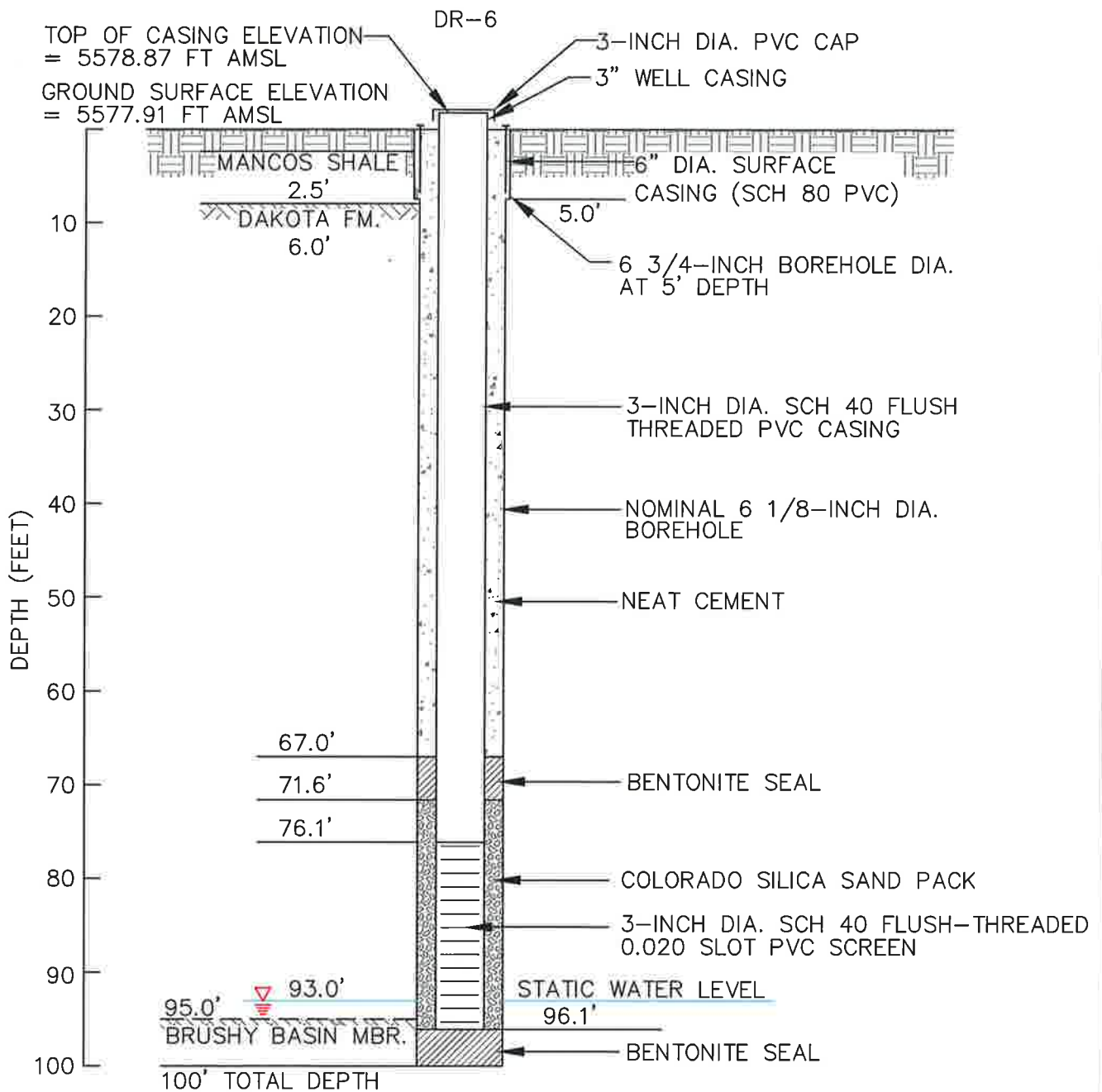
DR-5 AS-BUILT WELL CONSTRUCTION SCHEMATIC			
Approved SJS	Date 1/9/12	Reference K:\7180250A Well Construction Diagram	Figure

Date 9 May 2011 Geologist L. Casanova Drilling Co. Burks Exploration Inc. Hole No. DR5
 Property White Mesa M.D. Project cell 4B Unit No. _____ Sec. _____ Twp. _____ Rge _____
 County Salt Lake State Utah Location _____ Elev. ~5500

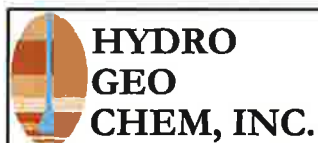
DEPTH	SAMPLE TARGET	GRAPHIC LOG	ALTERATION	BARNA ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE AMOUNT	PYRITE	METALLIC	ADJ. METALLIC	REACT. TO 10% HCL	AMOUNT	TYPE	REMARKS	
																				TYPE
0																				
2.5						ss	rd bn							S						Sandstone 90% unconsolidated CL
5.0						ss	wh-bn	m-c	M	Δ				N						Upper Dakota CL 20'
7.5						ss	lt brn	m-c	M	Δ		L		N						
10.0						ss	tn							N						
12.5						ss	tn							N						
15.0						ss, sh	lt brn - ltgy	f-w	Δ		L			N						
17.5						ss	vt brn	f-w	Δ		L			N						
20.0						ss	wh-gy	x-fc	P	R				N						some chert grains
22.5						ss	lt gy	m-c	M	R				N						" " "
25.0						ss	tn							N						
27.5						ss	lt gy	m-c	M	R				N						
30.0						ss, sh	vt brn	f-m	M	R				N						CH
32.5						sh	lt gy							N						CH
35.0						ss	wh-gy							N						
37.5						ss, sh	tn - wh-gy	f-m	M	R		L		N						
40.0						ss	tn							N						
42.5						ss	lt brn	m-c	M	R		L		N						some chert frags and grains
45.0						ss	tn							N						
47.5						ss	vt brn							N						
50.0						ss	lt brn							N						
52.5						ss	lt brn							N						
55.0						ss	lt brn							N						
57.5						ss	lt gy							N						
60.0						ss	lt gy	f-m	M	Δ				N						
62.5						ss	wh-vt brn	f-m	P	Δ				N						more rounded chert grains
65.0						ss, sh	wh-vt brn	x-fc	P	Δ				N						
67.5						ss	vt gy	m-c	P	R				N						abund. chert grains
70.0						ss, sh	vt gy	m-c	M	R				N						
72.5						ss, sh	vt gy	m-c	P	R				N						some chert frags + grains
75.0						ss	vt gy					L		N						
77.5						ss	vt gy							N						
80.0						ss	lt brn							N						weep hole drilling
82.5						ss	lt brn							N						"
85.0						ss	lt brn							N						"
87.5						ss	vt brn	m-c	M	Δ				N						"
90.0						ss	vt brn	f-m	P	R				N						"
92.5						ss	vt brn	f-m	P	R				N						"
95.0						ss, sh	wh-gy	f-m	P	R		FrA		M						Brassy Basin Dr. @ 94.0' good contact
97.5						sh	gn							N						
100.0						sh	gn							N						T.D. tell tale small red chert grains
102.5																				
105.0																				
107.5																				
110.0																				
112.5																				
115.0																				
117.5																				
120.0																				
122.5																				
125.0																				
127.5																				
130.0																				

PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL 100.0
 FLUID LEVEL _____





NOT TO SCALE



**DR-6
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

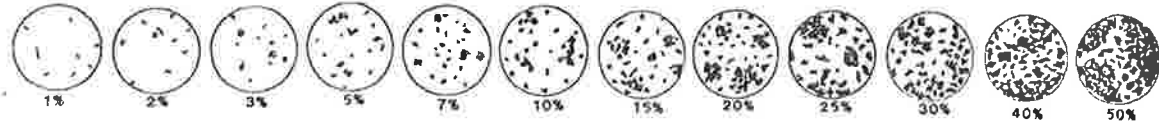
Approved	Date	Reference	Figure
SJS	1/9/12	K:17180251A Well Construction Diagram	

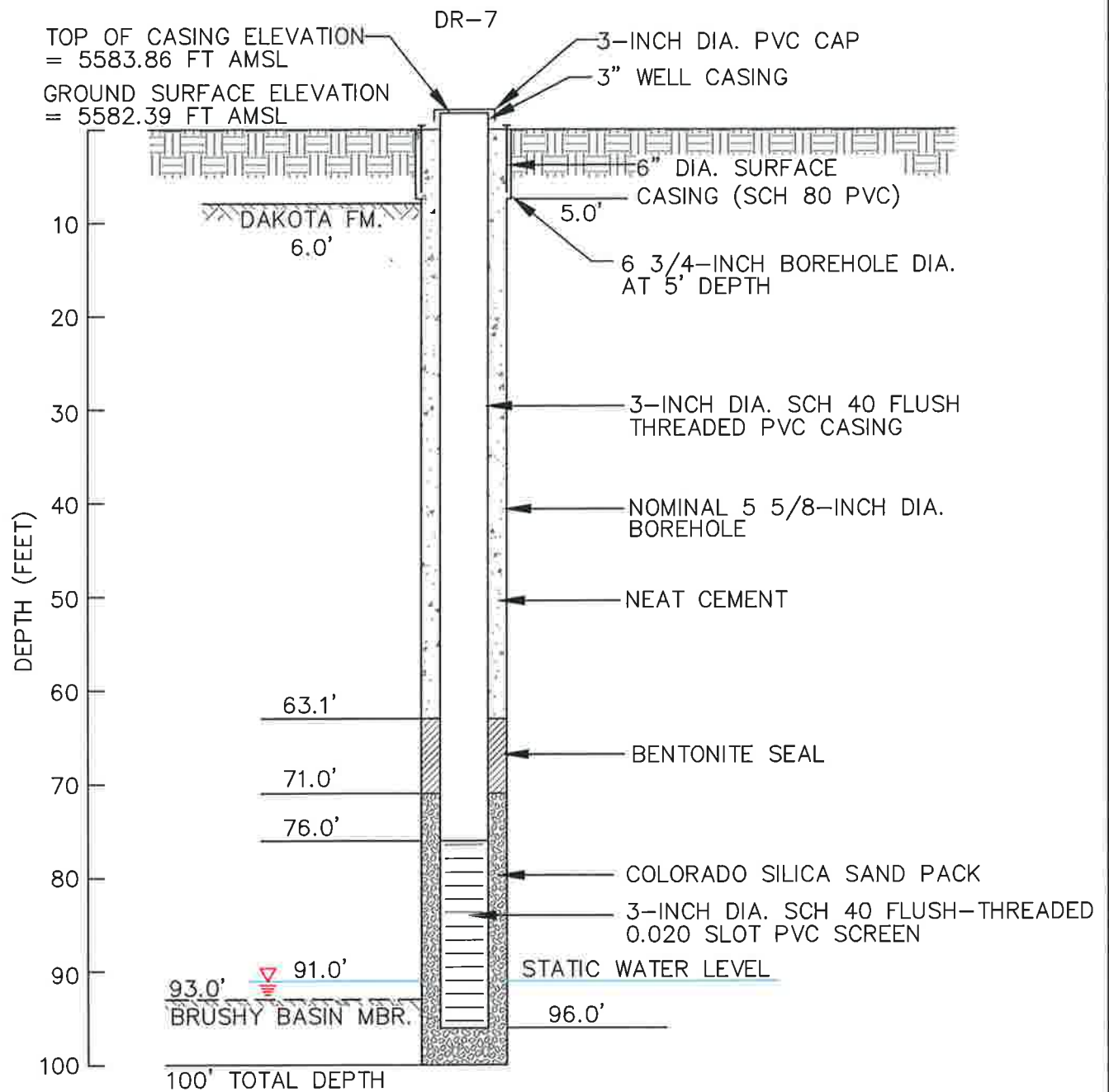
Date 5 May 2001 Geologist L. Casper Drilling Co. Rowles Exploration Inc. Hole No. DR2
 Property Unit 1, Mass. Hill Project col 1 Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 5579

DEPTH	SAMPLE TAKEN	ALTERNATE LOG	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	PYRITE	METALLIC	NON-METALLIC	REACT-10% HCL	AMOUNT	TYPE	REMARKS
0																
2.5			msst	mbn												Surface Si - unconcentrated - CH
5.0			msst, sh	rbn Hps												Manganese " CH
7.5			glass sh	Hps	f	m	r	L								Upper Dakota Fin. Ch. @ 20'
10.0			sh	tn		m	w	r								
12.5			sh	tn	m	c	m	d	L							
15.0			sh	tn		m	w	a								
17.5			sh	tn		m	w	d								
20.0			sh	tn		m	w	d								
22.5			sh	tn	m	c	m	d	L							
25.0			glass sh	orbn		m	w	r	L							
27.5			sh	tn		m	w	r								
30.0			sh	tn		m	w	d								
32.5			sh	tn		m	w	d								
35.0			sh	tn		m	w	r								
37.5			sh	tn		m	w	r								
40.0			sh	tn		m	w	r								
42.5			glass sh	travertin	m	vc	p	a								spars, chert nodules
45.0			sh	sh		m	w	r								
47.5			sh	sh		m	w	r								CL
50.0			sh	sh		f	w	r								
52.5			sh	sh		m	c	m	r							
55.0			sh	sh		m	vc	f	r	L						
57.5			sh	sh		m	w	r								
60.0			sh	sh		f	c	f	r							
62.5			sh	sh		m	w	r								
65.0			sh	sh		f	m	f	r							
67.5			sh	sh		m	w	r								
70.0			sh	sh		m	w	r								
72.5			sh	sh		f	w	r								
75.0			sh	sh		f	w	r								
77.5			sh	tn	m	vc	m	r								chert frag + grains
80.0			sh	sh		m	w	r								
82.5			sh	sh	m	c	m	r								Moss like 10' interval @ 80'
85.0			sh	sh	m	c	m	r								
87.5			sh	sh	m	vc	p	a								chert nodules - frags
90.0			sh	tn	m	vc	p	a								" " "
92.5			sh	tn	e	vc	p	a								" " "
95.0			sh	sh	c	vc	p	a	trc							
97.5			sh	sh												Rowley Basin @ 950' grad contact
100.0			sh	sh												
102.5																
105.0																
107.5																
110.0																
112.5																
115.0																
117.5																
120.0																
122.5																
125.0																
127.5																
130.0																

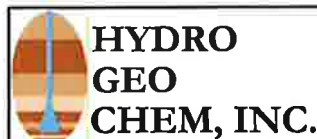
PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL 100.0
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE

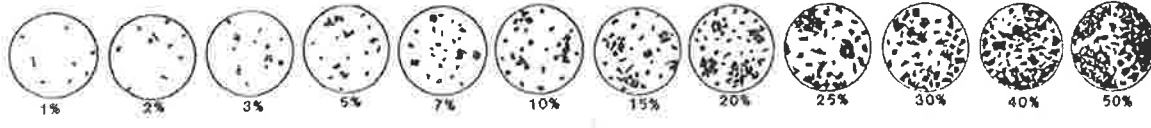


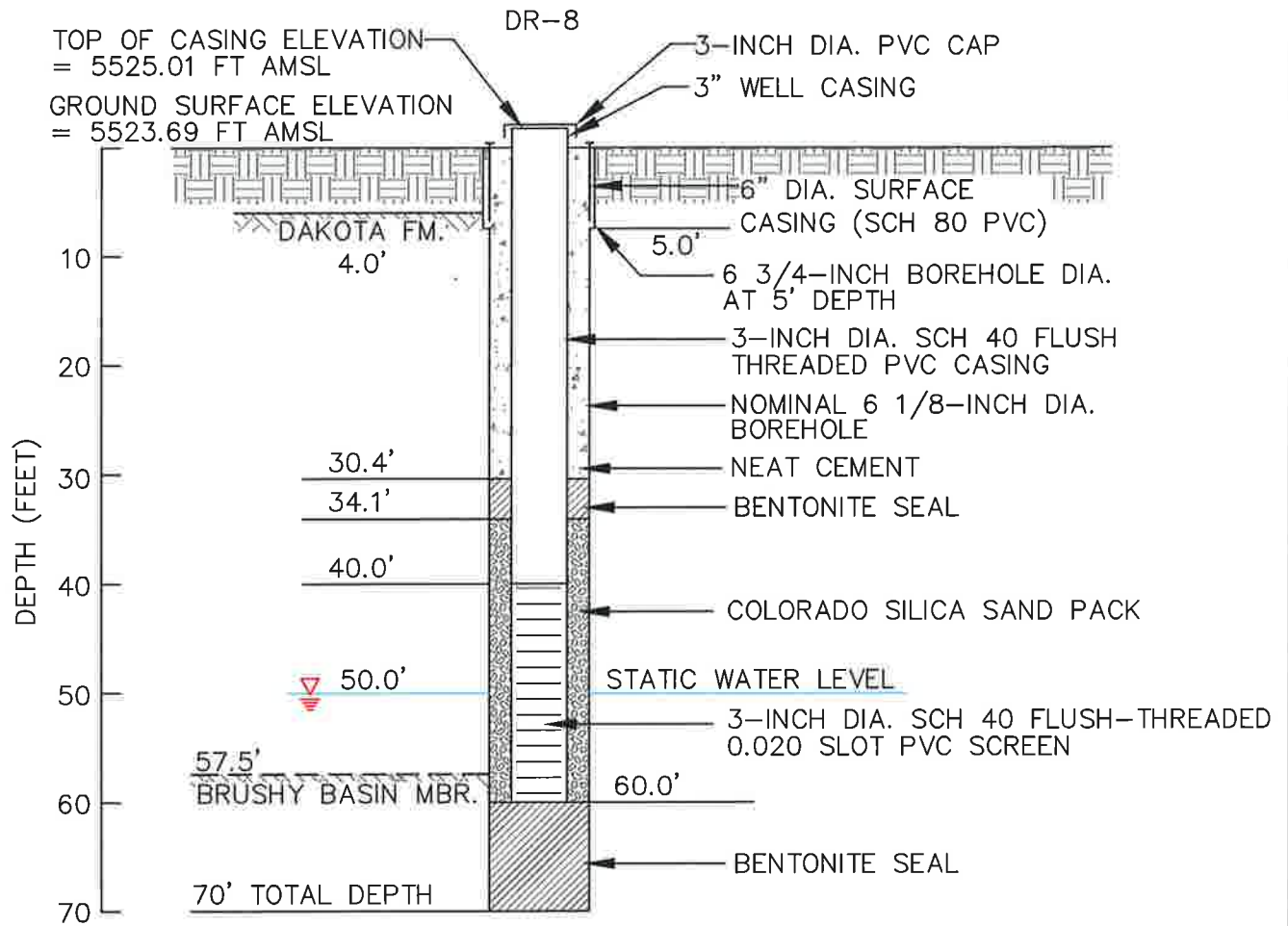
DR-7			
AS-BUILT WELL CONSTRUCTION SCHEMATIC			
Approved SJS	Date 1/9/12	Reference K:7180252A Well Construction Diagram	Figure

Date 27 APR 2011 Geologist L. CASEROL Drilling Co. BAYLES EXPLORATION CO. Hole No. DR7
 Property WHITE MESA MILL Project CELLAR Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County SAN JUAN State UTAH Location _____ Elev. 5594

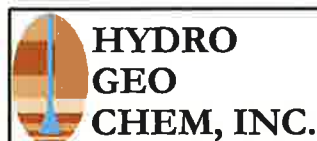
DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	BARINA ANDHARY	BRECCIA TYPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	ALTER	PYRITE	METALLIC	NON-METALLIC	REACT-10% HCL	AMOUNT	TYPE	CARBON	REMARKS
0																								
2.5						mdst	cdin											N						Surface soil - unconsolidated CH
5.0						mdst	cdin											W						Surface soil - unconsolidated CH
7.5						qtz ss	grtn	m-c	m-a			L					K							Upper 10' to 12' of cell
10.0						qtz ss	grtn	m-c	m-a									N						
12.5						qtz ss	ltbn	m	w-a									N						
15.0						qtz ss	ltbn	m	w-a									N						
17.5						qtz ss	grtn	m-c	m-a									N						
20.0						qtz ss	tn	m	w-a									N						
22.5						qtz ss	tn	m	w-r									N						
25.0						qtz ss	ltbn	m-c	m-r									N						Some chem frags.
27.5						qtz ss	tn	m	w-r									N						
30.0						qtz ss	Haytn	f-m	m-r									N						
32.5						qtz ss	Haytn	m	w-r									N						
35.0						qtz ss	Haytn	m-c	m-r									N						
37.5						qtz ss	vt-grtn	f	w-r									N						
40.0						qtz ss cal	Haytn	m	w-f-r									W						
42.5						sh, qtz ss	lt-grtn	vf	f-m-r			L						N						CH
45.0						qtz ss	ltbn	f-m	m-r			L						N						
47.5						qtz ss	ltbn	m-c	f-r									N						
50.0						qtz ss	ltbn	m-c	f-r									N						
52.5						qtz ss	ltbn	m-c	f-a									N						Some multi-colored chert grains
55.0						qtz ss	vt-ltbn	m	w-r									N						
57.5						qtz ss	vt-ltbn	f-m	m-r									N						
60.0						qtz ss	ltbn	m-c	f-a									N						
62.5						qtz ss	ltbn	m	w-a									N						
65.0						qtz ss	ltbn	m-c	m-a									N						
67.5						qtz ss	bn	c	v-m-a									N						abund chem frags
70.0						qtz ss	ltbn	m-c	m-a									N						
72.5						qtz ss	bn	c	v-m-a									N						
75.0						qtz ss	aytn	m-c	m-r									N						
77.5						qtz ss	ltbn	m	w-r									N						minor chert nodules, some chert grains
80.0						qtz ss	grtn	m-c	m-r									N						
82.5						qtz ss	aytn	m	w-r									N						
85.0						qtz ss	tn	m	w-r									N						
87.5						qtz ss	ltbn	m	w-r									N						
90.0						qtz ss	aytn	m	w-r									N						
92.5						qtz ss	grtn	m-c	m-r									W						
95.0						qtz ss cal	wt, lt-grtn	m	w-m-r									N						Primary Basalt in Cell 92.0' about 10' thick metall frags.
97.5						sh	ppr-grn											N						TD.
100.0						sh, qtz ss	aytn	vf	c-p-r			tr-A						N						
102.5																								
105.0																								
107.5																								
110.0																								
112.5																								
115.0																								
117.5																								
120.0																								
122.5																								
125.0																								

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



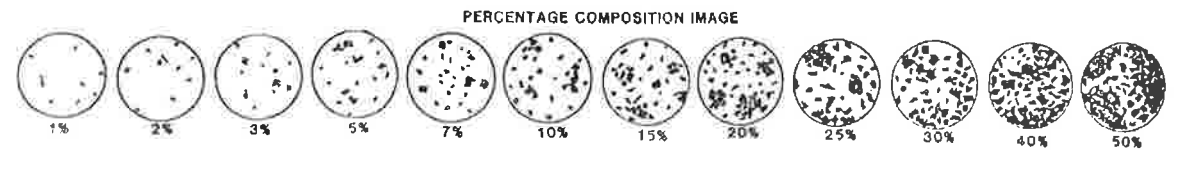
**DR-8
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

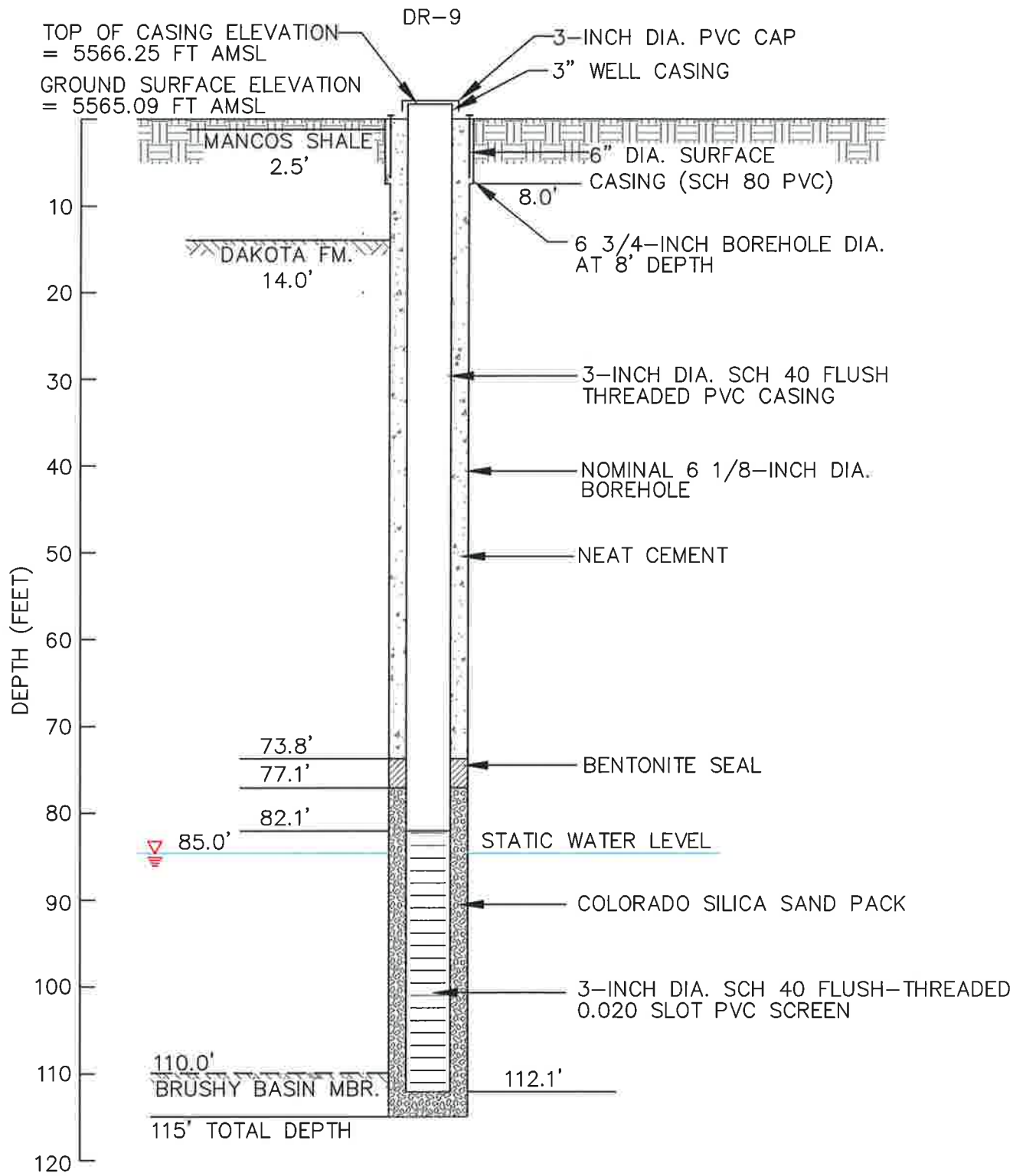
Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180253A Well Construction Diagram	

Date 5 May 2011 Geologist L. Casco Drilling Co. Bayles Exploration Inc. Hole No. DR8
 Property White Mesa Mill Project Coal 4B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State USA Location _____ Elev. 5557

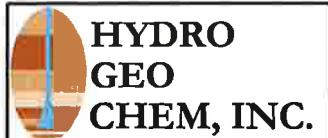
DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	BARNA ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENT MATRIX	IRON OXIDE	MARG	PYRITE	METALLIC	NON-METALLIC	REACT-TOB PHL	AMOUNT	TYPE	REMARKS	
																					TYPE
0																					
2.5						sh	gray	f	w	r						VS					Mudstone - Soil was removed during site prep. CL
5.0						sh	gray	f	w	r						S					ML
7.5						sh	tan	f-m	m	Δ						N					
10.0						sh	tan	f-m	m	Δ						N					
12.5						sh	tan	m	w	Δ						N					
15.0						sh	tan	m	c	m	Δ					N					
17.5						sh	tan	m	c	f	r					N					
20.0						sh	tan	f	m	f	r					N					
22.5						sh	gray	f	m	f	r					N					CL
25.0						sh	gray	f	m	f	r					N					ML
27.5						sh	tan	v	c	m	f	r	L			N					
30.0						sh	tan	v	c	m	f	r	L			N					
32.5						sh	tan	m	w	r						N					very hard drilling
35.0						sh	tan	m	c	m	r	L				N					Some clay cement grains
37.5						sh	tan	m	v	c	f	Δ				N					abundant
40.0						sh	tan	m	v	c	f	Δ				N					very hard drilling
42.5						sh	tan	m	v	c	f	Δ				N					extremely hard drilling
45.0						sh	tan	m	v	c	f	Δ				N					"
47.5						sh	tan	m	v	c	f	Δ				N					"
50.0						sh	tan	m	v	c	f	Δ				N					"
52.5						sh	tan	m	v	c	f	Δ				N					"
55.0						sh	gray	f	m	m	r					N					"
57.5						sh	gray	f	m	m	r					N					"
60.0						sh	gray	f	m	m	r					N					Recessed 1/2" of 2" casing and mudstone
62.5						sh	gray	f	m	m	r					N					late fall of cement grains
65.0						sh	gray	f	m	m	r					N					
67.5						sh	gray	f	m	m	r					N					
70.0						sh	gray	f	m	m	r					N					
72.5						sh	gray	f	m	m	r					N					
75.0																					
77.5																					
80.0																					
82.5																					
85.0																					
87.5																					
90.0																					
92.5																					
95.0																					
97.5																					
100.0																					
102.5																					
105.0																					
107.5																					
110.0																					
112.5																					
115.0																					
117.5																					
120.0																					
122.5																					
125.0																					

PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL 70.0
 FLUID LEVEL _____





NOT TO SCALE



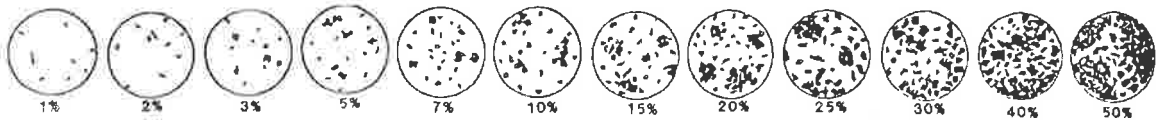
DR-9			
AS-BUILT WELL CONSTRUCTION SCHEMATIC			
Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180254A Well Construction Diagram	

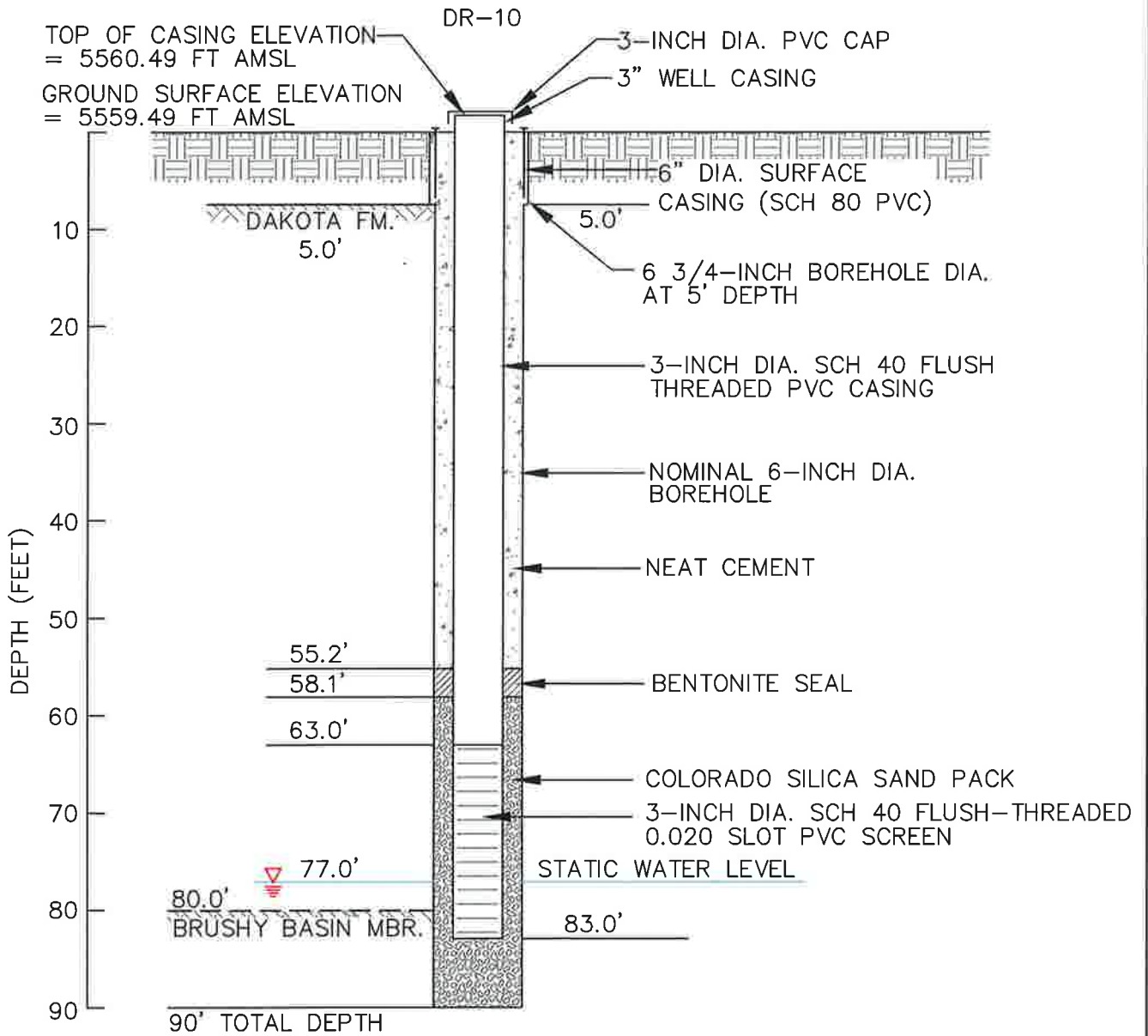
Date 4 May 2011 Geologist L. Gusev Drilling Co. Rogies Exploration Inc. Hole No. DR 9
 Property White Mesa Mts. Project 161 43 Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County SAN JUAN State Utah Location _____ Elev. ≈ 5502

DEPTH	SAMPLE TAKEN	STRATIGR. LOG	ALTERATION	BANDS ANOMALY	BRECCIA TYPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	ALTER	PYRITE	METALLIC	NON-METALLIC	REACT. TO HCL	AMOUNT	TYPE	CARBON	REMARKS
0																								
2.5						rdbn-ltpk																		Surface soil to 2.0' minus shale to 2.5' cl
5.0						rdbn	f	m	r															unconsolidated ML
7.5						rdbn	f	w	r															" ML
10.0						rdbn	vf	f	w	r														
12.5						rdbn	m	w	r															
15.0						dkaybn	f	m	Δ			L												Upper Banded Mn Cl @ 14.0'
17.5						fn	m	w	Δ			L												
20.0						fn	m	w	Δ															
22.5						fn	f	m	Δ															
24.0						fn	m	w	Δ															
27.5						fn	f	w	r															
30.0						fn	m	w	r															
32.5						fn	m	w	Δ															
35.0						fn	m	w	Δ															
37.5						fn	m	w	Δ															
40.0						fn	m	c	m	Δ														
42.5						fn	m	w	r															
45.0						fn	f	w	r															
47.5						gray	C-VL	P	Δ															abund chert frags
50.0						gray	C-VL	P	Δ			L												" " "
52.5						fn	m	c	m	Δ														
55.0						fn	m	c	m	Δ														
57.5						Sh																		
60.0						gray	f	w	r															
62.5						gray	f	m	r															
65.0						gray	f	w	v															
67.5						gray	f	w	r															
70.0						gray sh	vf	f	m	r			tr A											
72.5						gray	vf	f	m	r			tr A											
75.0						gray	vf	f	m	r														
77.5						ltpk	m	w	r															
80.0						ltpk	m	w	Δ															
82.5						ltpk	m	w	Δ															
85.0						ltpk	m	w	r															
87.5						ltpk	m	w	r															
90.0						ltpk	m	c	m	r														
92.5						ltpk	m	w	r															
95.0						ltpk	m	w	r															
97.5						ltpk	m	w	r															
100.0						ltpk	m	w	r															
102.5						wh	m	w	r															
105.0						wh-dk	C-P	P	Δ			100												
107.5						wh-dk	C-P	P	Δ			100												
110.0						gray-gn	C-P	P	Δ															
112.5						gn																		
115.0						gn																		
117.5																								
120.0																								

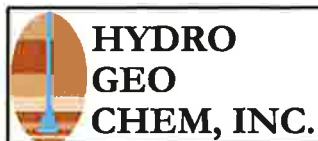
PAGE 1 OF 1
 T.O. PROBE _____
 T.O. DRILL 115.0
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



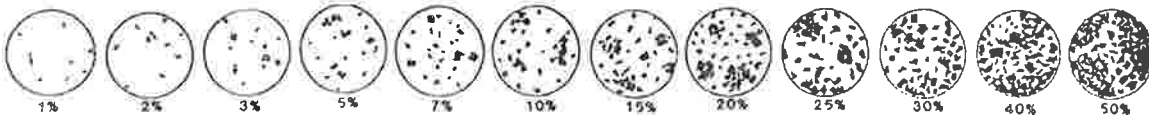
**DR-10
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

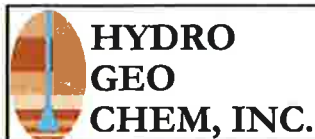
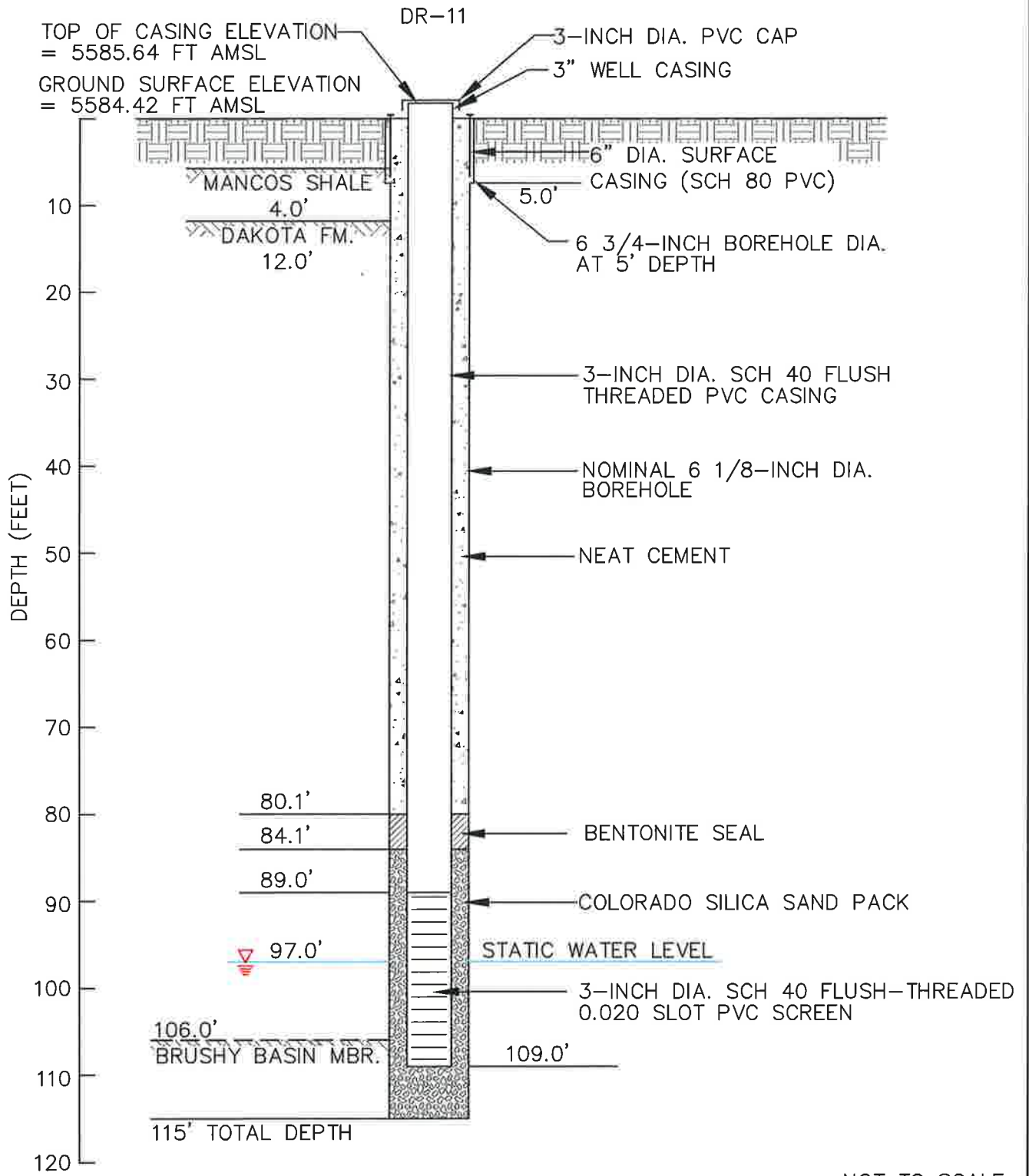
Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180255A Well Construction Diagram	

Date 4 May 2011 Geologist L. Casebolt Drilling Co. Baylas Explorations Inc. Hole No. DR 10
 Property White Mesa Mtn Project cell 4 B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 5559

DEPTH	SAMPLE TAKEN	SHAPELOG	ALTERATION	GAMMA ANOMALY	BRECCIA TYPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	PYRITE		NON-METALLIC	REACT-100% NCL	AMOUNT	TYPE	CARBON	REMARKS
															HABIT	METALLIC						
0																						
25						mat	rdn									W						Surface Soil - unconsolidated CH
5.0						mat	rdn									W						Surface Soil " " CH
7.5						fr ss	tn	MW	A				L			N						Upper Dakota Fm Ct @ 5.0'
10.0						fr ss	tn	MW	A							N						
12.5						fr ss	tn	fW	A							N						
15.0						fr ss	tn	MW	A							N						
17.5						fr ss	tn	M-C	M	A						N						some chert frags and grains
20.0						fr ss	tn	f-M	M	R						N						
22.5						fr ss	tn	f-M	M	R						N						
24.0						fr ss, sh	lt ywgy	f-M	M	R						N						finely lens clay cl
27.5						fr ss, sh	lt ywgy	f-M	M	R			L			N						" " " cl some chert pebbles
30.0						fr ss, sh	dk ywgy	f-M	M	R						N						condensed clay cl " " "
32.5						fr ss, sh	ywgy	vf-M	M	R						N						
35.0						fr ss, sh	ywgy	vf-M	M	R						N						Lean clay cl, some chert grains
37.5						fr ss	ywin	f-W	R							N						
40.0						fr ss	ywin	f-W	R							N						
42.5						fr ss	ph tn	f-W	R							N						
45.0						fr ss	ywgy-tn	f-M	M	R			L			N						
47.5						fr ss	tn	f-W	R							N						
50.0						fr ss	tn	MW	R							N						
52.5						fr ss	tn	MW	R							N						
55.0						fr ss	tn	MW	R							N						abund chert grains
57.5						fr ss	tn	MW	R							N						
60.0						fr ss	tn	MW	R							N						
62.5						fr ss	tn	M-C	M	A						N						
65.0						fr ss	lt ywgy	m-C	M	R			L			N						very mud round
67.5						fr ss, sh	lt ywgy	m-W	P	A						N						very round chert frags grains
70.0						fr ss, sh	lt ywgy	m-W	P	A						N						" " "
72.5						fr ss, sh	lt ywgy	m-W	P	A						N						
75.0						fr ss, sh	lt ywgy	m-W	P	A						N						very round chert frags grains
77.5						fr ss, sh	lt ywgy	m-W	P	A						N						" " "
80.0						fr ss, sh	lt ywgy	m-W	P	A						N						
82.5						fr ss, sh	lt ywgy	m-W	P	A						N						Brassy Blue/Gr @ 80'
85.0						fr ss, sh	lt ywgy	m-W	P	A						N						
87.5						fr ss, sh	lt ywgy	m-W	P	A						N						
90.0						fr ss, sh	lt ywgy	m-W	P	A						N						T.D.
92.5						fr ss, sh	lt ywgy	m-W	P	A						N						
95.0						fr ss, sh	lt ywgy	m-W	P	A						N						
97.5						fr ss, sh	lt ywgy	m-W	P	A						N						
100.0						fr ss, sh	lt ywgy	m-W	P	A						N						
102.5						fr ss, sh	lt ywgy	m-W	P	A						N						
105.0						fr ss, sh	lt ywgy	m-W	P	A						N						
107.5						fr ss, sh	lt ywgy	m-W	P	A						N						
110.0						fr ss, sh	lt ywgy	m-W	P	A						N						
112.5						fr ss, sh	lt ywgy	m-W	P	A						N						
115.0						fr ss, sh	lt ywgy	m-W	P	A						N						
117.5						fr ss, sh	lt ywgy	m-W	P	A						N						
120.0						fr ss, sh	lt ywgy	m-W	P	A						N						
122.5						fr ss, sh	lt ywgy	m-W	P	A						N						
125.0						fr ss, sh	lt ywgy	m-W	P	A						N						

PERCENTAGE COMPOSITION IMAGE



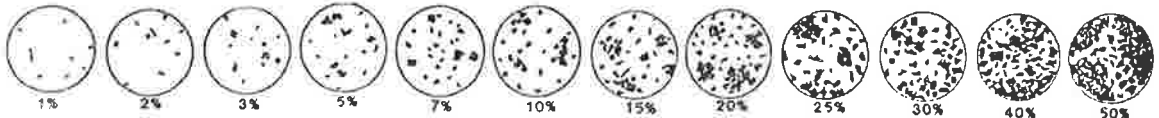


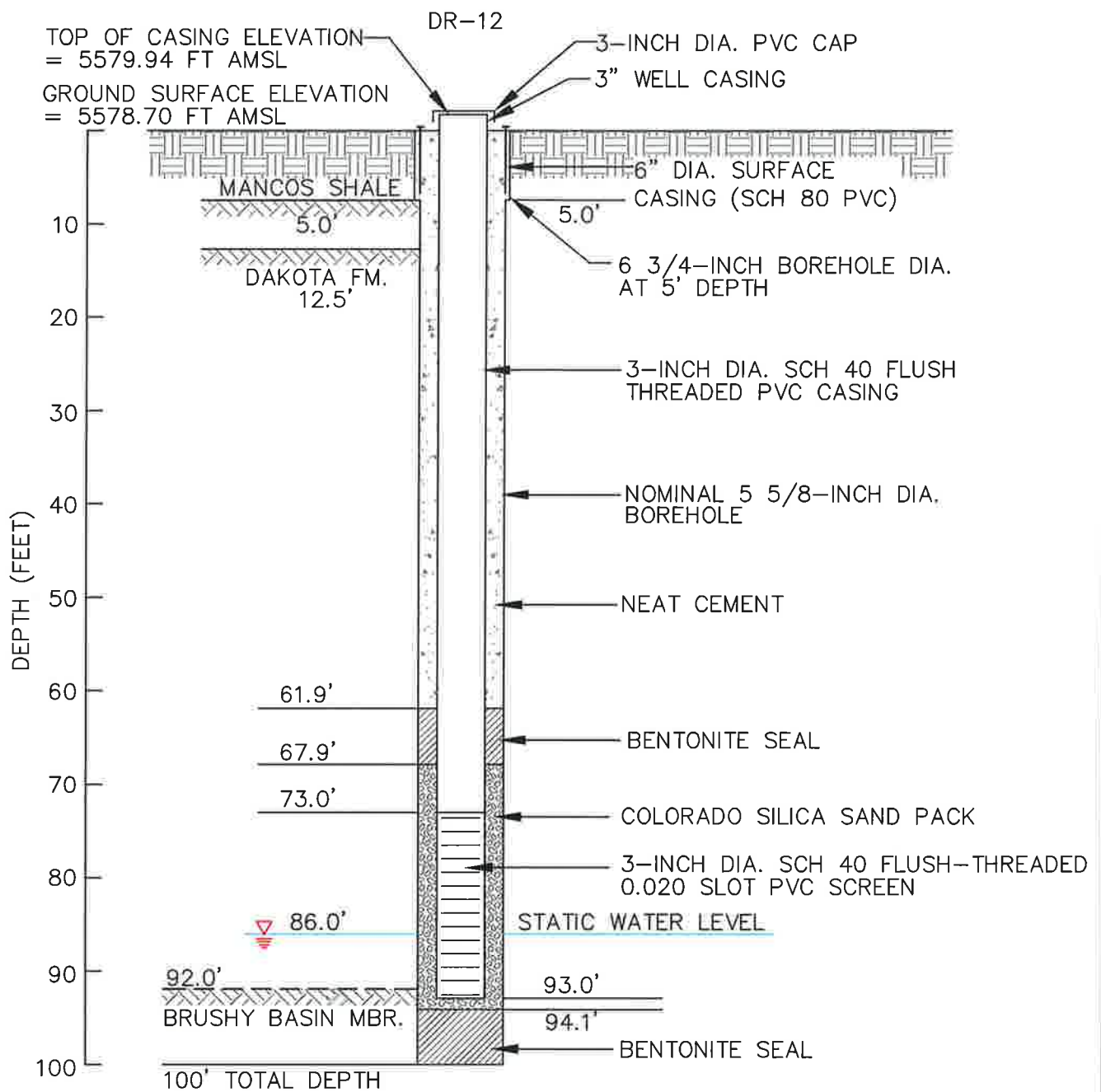
DR-11			
AS-BUILT WELL CONSTRUCTION SCHEMATIC			
Approved SJS	Date 1/9/12	Reference K:7180256A Well Construction Diagram	Figure

Date 6 May 2011 Geologist L. Caswell Drilling Co. Boyles Exploration Inc. Hole No. DR 11
 Property White Mesa Mt. Project cell 43 Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 5582

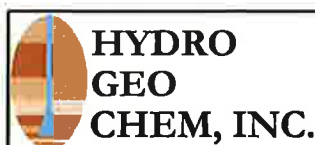
DEPTH	SAMPLE TAKEN	LITHOLOGY	COLOR WET SAMPLE	GRAIN SIZE SORTING	ANGULARITY	CEMENT MATRIX	IRON OXIDE AMOUNT	PYRITE	METALLIC	NON-METALLIC	REACTIVE TOBAC	AMOUNT	CARBON TYPE	REMARKS
0														
25		mass rd bn							W					Surface soil (unconsolidated)
50		mass ss rd bn ltpk							VS					Surface soil (unconsolidated), Mancos shale @ 4.6'
75		sandy sh rd bn		M F R					VS					
100		ss rd bn		M M R					VS					
125		sh rd bn		M M R					VS					Upper Dows. fm. Cr. @ 120'
150		qtz ss lt bn		M C M R					N					
175		mass lt bn		M V F A		L			N					abund. lt colored chert frags.
200		lt bn		M C F R					N					
225		lt bn		M W R					N					
250		qtz ss lt bn		F M W R					N					
275		qtz ss lt bn		M W R					N					
300		qtz ss lt bn		C W R					N					
325		qtz ss lt bn		F W R					N					
350		qtz ss lt bn		F C P A					N					Some dr. chert frags.
375		qtz ss qtz bn		M C M R					N					abund. dr. chert frags.
400		qtz ss lt bn		M W R					N					
425		qtz ss lt bn		M C M A					N					
450		qtz ss lt bn		M W R					N					
475		qtz ss lt bn		C W R					N					
500		qtz ss sh tn-lt bn		C W P A					N					Multi-colored chert frags & grit
525		qtz ss tn		M C P A					N					" " " " " "
550		qtz ss tn		M C M R					N					
575		qtz ss sh lt bn		M C F A					N					chert pebble frags.
600		qtz ss sh lt bn		F V P A					N					
625		qtz ss sh lt bn		F V P A					N					
650		qtz ss sh lt bn		M C M A					N					
675		qtz ss tn		M C M A					S					
700		qtz ss sh tn bn		M C P A					N					Multi-colored chert frags
725		qtz ss sh tn bn		C W P A					N					
750		qtz ss sh tn bn		M C M A					N					
775		qtz ss sh tn bn		M V F A					N					
800		qtz ss sh tn bn		F M W R					N					MISTING (Mn) (Fe) (S)
825		qtz ss sh tn bn		M C W R					N					
850		qtz ss sh tn bn		M W R					N					
875		qtz ss sh tn bn		F M M R					N					
900		qtz ss sh tn bn		F M M R					N					
925		qtz ss sh tn bn		M M F R					N					
950		qtz ss sh tn bn		C W M R					N					
975		qtz ss sh tn bn		C W M R					N					
1000		qtz ss sh tn bn		M C M R					N					very small dr.
1025		qtz ss sh tn bn		M C M R					N					" " " " abund. dr. chert frags.
1050		qtz ss sh tn bn		M C P A					N					" " " " dr. chert frags.
1075		qtz ss sh tn bn		C W P A					N					Rising Basin Cr. @ 106' gradent chert frags.
1100		sh qtz bn							N					some masses of sulfide (pyrite?)
1125		sh qtz bn							N					
1150		sh qtz bn							N					
1175		sh qtz bn							N					T.D. mottled outcrop
1200														
1225														
1250														

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**DR-12
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

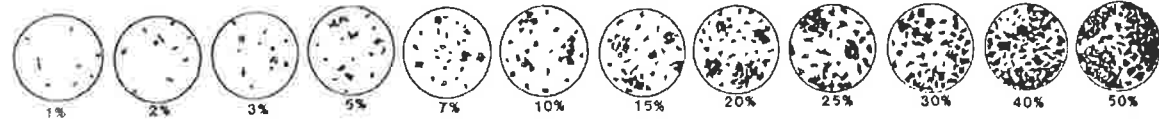
Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180257A Well Construction Diagram	

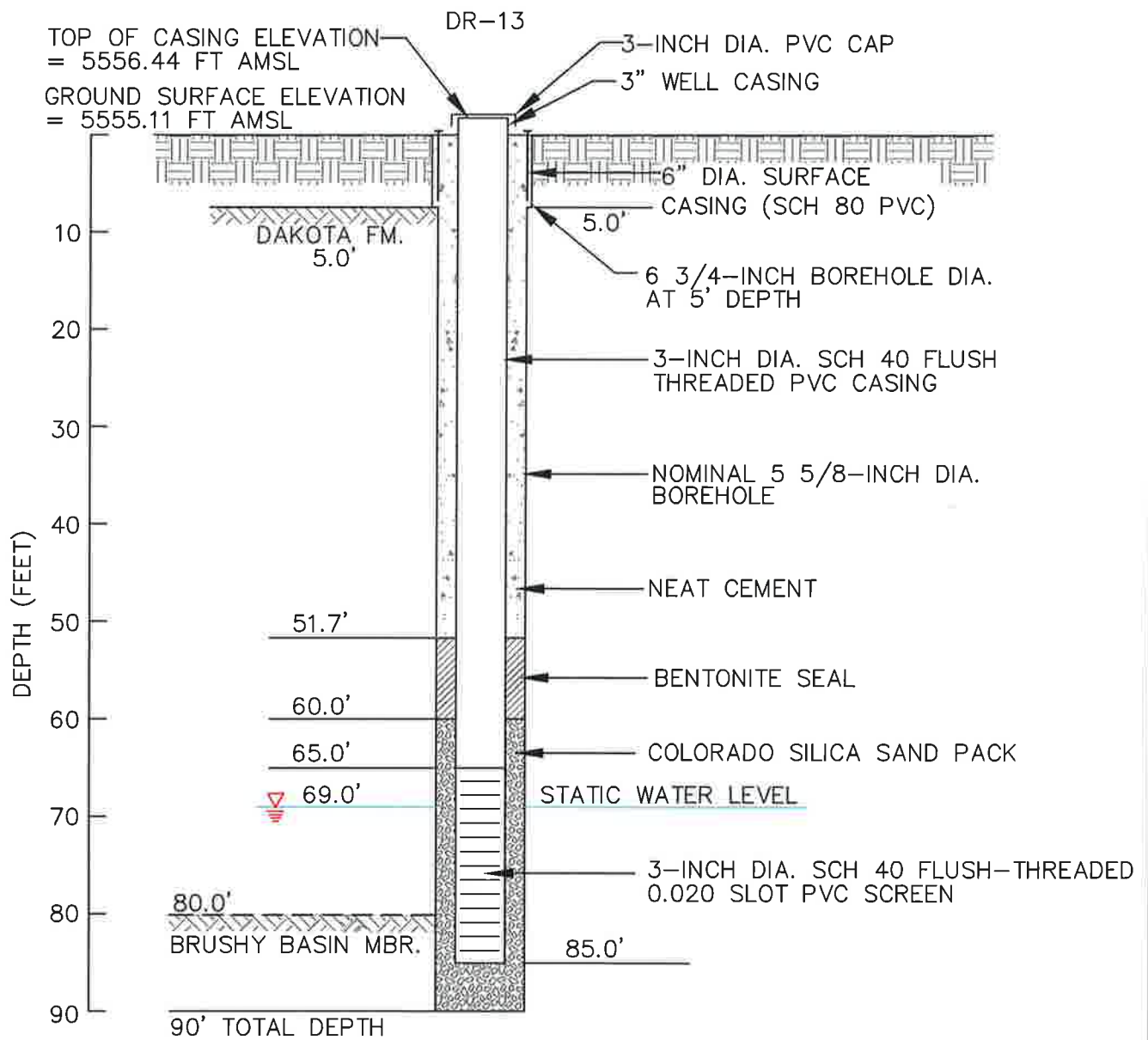
Date 28 APR 2011 Geologist L. Casebolt Drilling Co. Baylors Exploration Co. Hole No. DR12
 Property White Mesa M.F. Project 201493 Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 5584

DEPTH	SAMPLE TAKEN	GRAINIC LOG	ALTERATION	GAMA ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	ALYER	METALLIC	NON-METALLIC	REACT-10% MEL	AMOUNT	TYPE	CARBON	REMARKS	
																							WET SAMPLE
0																							
2.5						sd	red																Surface Soil unconsolidated fat clay w/wood CH
5.0						sd	red																Surface Soil " " " " CH
7.5						sh	light																Mano: shaly fm. consolidated. tan clay w/wood CH
10.0						sh	light																" " " " " "
12.5						sh	light																" " " " " "
15.0						ss	tan	m	w	r													Upper Basalt Cr @ 12.5'
17.5						ss	tan	m	w	r													
20.0						ss	tan	m	w	r													
22.5						ss	tan	m	w	r													
25.0						ss	tan	m	w	r													
27.5						ss	tan	m	w	r													Some chert grains
30.0						ss	tan	m	w	r													" " " "
32.5						ss	tan	m	w	r													
35.0						ss	tan	m	w	r													
37.5						ss	tan	m	w	r													
40.0						ss	tan	m	w	r													
42.5						ss	tan	m	w	r													some chert grains
45.0						ss	tan	f	m	r													" " " "
47.5						ss	tan	f	m	r													" " " "
50.0						ss	tan	f	m	r													" " " "
52.5						ss	tan	m	w	r													around chert fragments
55.0						ss	tan	m	w	r													" " " "
57.5						ss	tan	f	m	r													" " " "
60.0						ss	tan	f	m	r													" " " "
62.5						ss	tan	m	w	r													
65.0						ss	tan	m	w	r													
67.5						ss	tan	m	w	r													
70.0						ss	tan	m	w	r													
72.5						ss	tan	m	w	r													
75.0						ss	tan	m	w	r													
77.5						ss	tan	m	w	r													
80.0						ss	tan	f	m	r													
82.5						ss	tan	m	w	r													
85.0						ss	tan	m	w	r													
87.5						ss	tan	f	m	r													
90.0						ss	tan	f	m	r													
92.5						ss	tan	f	m	r													Brushy Basalt @ 92.5'
95.0						sh	light																
97.5						ss	tan	f	m	r													
100.0						ss	tan	f	m	r													
102.5						ss	tan	f	m	r													
105.0						ss	tan	f	m	r													
107.5						ss	tan	f	m	r													
110.0						ss	tan	f	m	r													
112.5						ss	tan	f	m	r													
115.0						ss	tan	f	m	r													
117.5						ss	tan	f	m	r													
120.0						ss	tan	f	m	r													
122.5						ss	tan	f	m	r													
125.0						ss	tan	f	m	r													
127.5						ss	tan	f	m	r													
130.0						ss	tan	f	m	r													

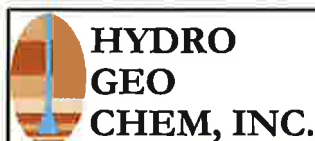
PAGE 1 OF 1
 T.O. PROBE _____
 T.D. DRILL 100.0
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**DR-13
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180258A Well Construction Diagram	

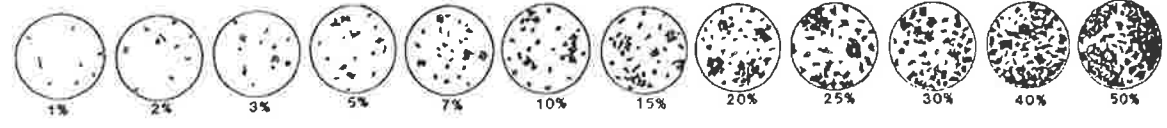
Date 27 APR 2011 Geologist L. Casper Drilling Co. Bayles Exploration Co. Hole No. DR13
 Property White Mesa Dbl Project coll ab Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 5575

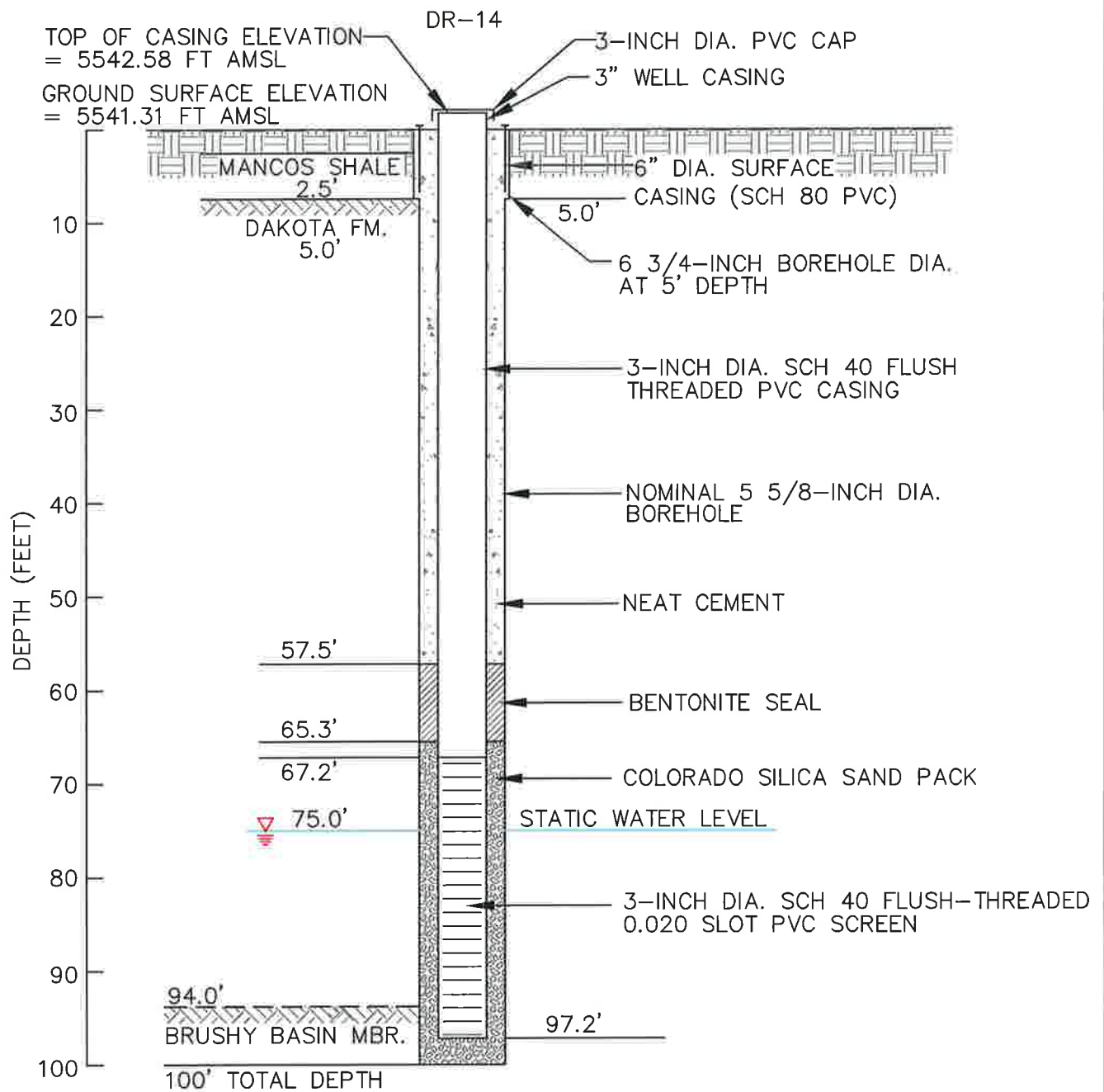
0000
 0000
 0000

DEPTH	SAMPLE TAKEN	GRAINIC LOG	ALTERATION	DRAMA ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE AMOUNT	HEBIT	PYRITE ALTER	METALLIC	NON-METALLIC	REACT-100% REL	AMOUNT	TYPE	CARBON	REMARKS	
																						W
0																						
25						ndst	rdn															Surface Soil - unconsolidated - 100% clay w/ sand cl
50						ndst	rdn															Surface Soil - unconsolidated - 100% clay w/ sand cl
75						qtz ss	rdn	m	po	p	a											100% double cl to 500' above. chert frags per 100's.
10.0						qtz ss cal	rdn	m	po	p	a											abundant chert frags pebbles.
12.5						qtz ss	rdn	m	po	p	r		L									" " " "
15.0						qtz ss sa	rdn	m	po	p	a											Some chert frags, pebbles sandy for clay cl.
17.5						qtz ss	rdn	m	po	p	a											" " " "
20.0						qtz ss	rdn	m	po	p	a											" " " "
22.5						qtz ss	rdn	m	po	p	a											
25.0						qtz ss	rdn	m	po	p	a											
27.5						qtz ss	rdn	m	po	p	a											
30.0						qtz ss	rdn	m	po	p	a											
32.5						qtz ss	rdn	m	po	p	a											
35.0						qtz ss cal	rdn	m	po	p	a											
37.5						qtz ss	rdn	m	po	p	r											
40.0						qtz ss	rdn	m	po	p	r											
42.5						qtz ss	rdn	m	po	p	a											
45.0						qtz ss	rdn	m	po	p	a											
47.5						qtz ss	rdn	m	po	p	a											
50.0						qtz ss	rdn	m	po	p	a											
52.5						qtz ss	rdn	m	po	p	a											
55.0						qtz ss	rdn	m	po	p	a											
57.5						qtz ss cal	rdn	m	po	p	a		L									abundant multi-colored chert frags - grs. ss
60.0						qtz ss cal	rdn	m	po	p	a		L									" " " " "
62.5						qtz ss	rdn	m	po	p	r											
65.0						qtz ss	rdn	m	po	p	a											
67.5						sh	grn	f	bl	bl	a											
70.0						qtz ss sh	wh-bly	vf														
72.5						qtz ss	wh-bly	vf														
75.0						qtz ss	wh-bly	vf														
77.5						qtz ss	wh-bly	vf														
80.0						qtz ss	wh-bly	vf														spars chert pebbles
82.5						sh	grn															Brushy Basin Fin Pt @ 80.0'
85.0						sh	blgy-rdbn															
87.5						sh	blgy-rdbn															
90.0						sh	pprdn-gr															TD
92.5																						
95.0																						
97.5																						
100.0																						
102.5																						
105.0																						
107.5																						
110.0																						
112.5																						
115.0																						
117.5																						
120.0																						
122.5																						
125.0																						

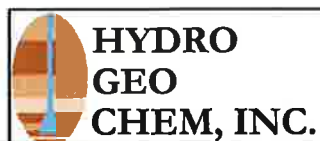
PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL 90.0
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



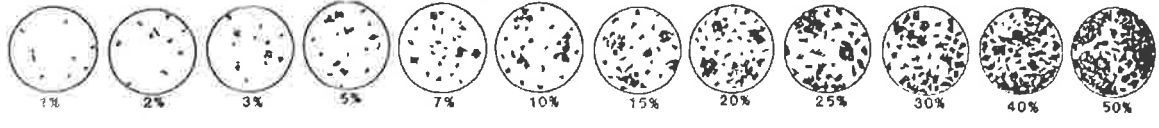
DR-14			
AS-BUILT WELL CONSTRUCTION SCHEMATIC			
Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180259A Well Construction Diagram	

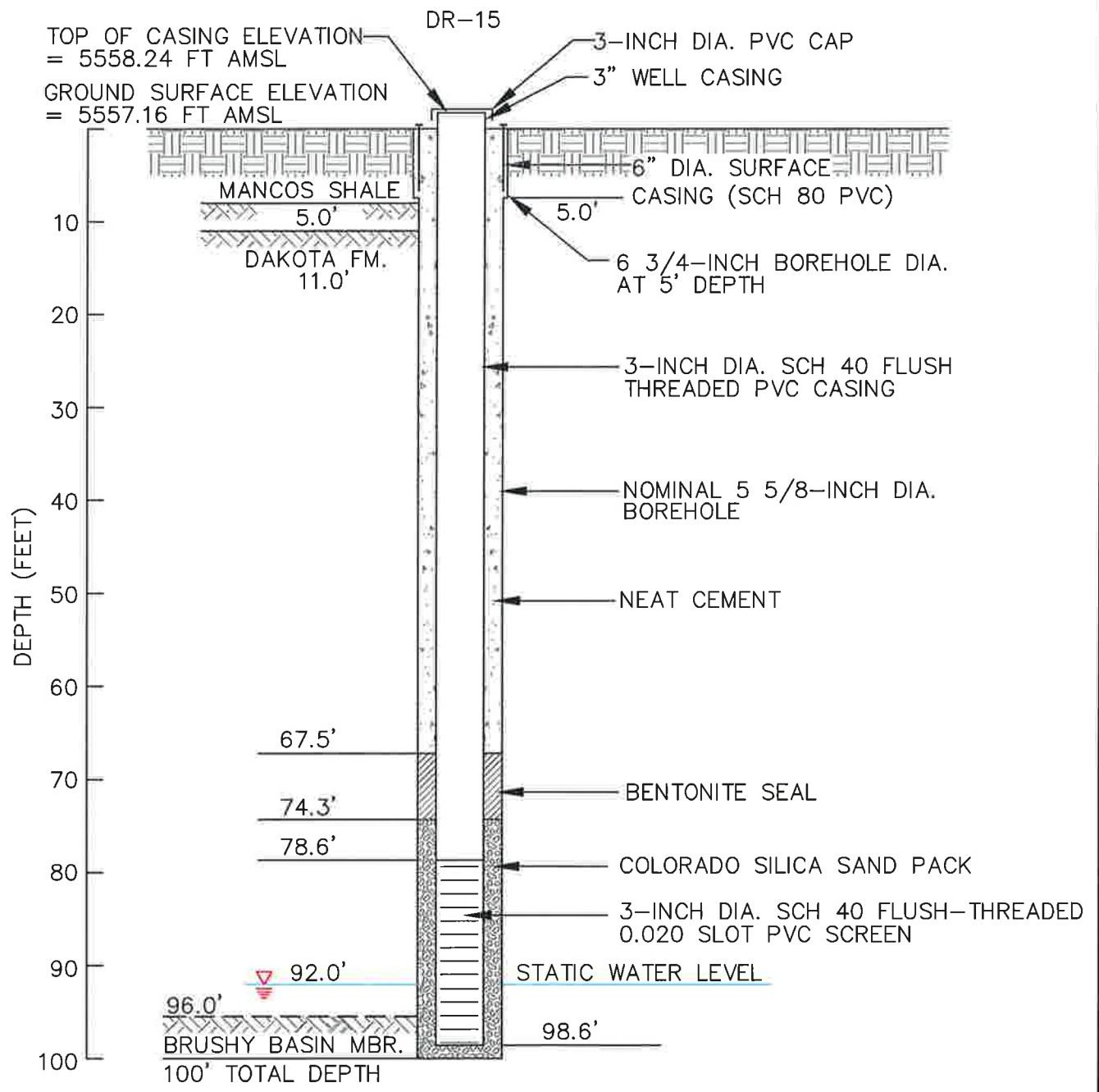
Date 29 APR 2011 Geologist L. Casbolt Drilling Co. Bayliss Exploration Co. Hole No. DE 14
 Property White Mesa Project CELL 4B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 25506

DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	BARIUM ANOMALY	BIREFRINGENCE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	PYRITE	METALLIC	NON-METALLIC	REACT-TO-DB	AMOUNT	TYPE	REMARKS
0																						
2.5						ms ss	rd br										N					Surface Soil
5.0						ms ss	rd br										N					Surface Soil
7.5						gn ss	tn		M	W	A						N					Upper Dakota Fm. 14.0' - 5.0'
10.0						gn ss	tn		M	W	A						N					
12.5						gn ss	tn		M	W	A						N					
15.0						gn ss	wh-tan		m	W	A		L				N					
17.5						gn ss	wh-tan		m	C	M	A					N					some chert grains
20.0						gn ss	tn		f	C	F	A					N					
22.5						gn ss	lt gy		m	W	F	A					N					abund. dk gray chert frags.
25.0						gn ss	tn		M	W	R						N					
27.5						gn ss	tn		m	C	M	R					N					
30.0						gn ss	tn		m	C	M	R					N					
32.5						gn ss	tn		M	W	R						N					
35.0						gn ss	tn		f	M	M	R		H			N					
37.5						gn ss	tn		m	W	A						N					
40.0						gn ss	fract		M	W	R						N					
42.5						gn ss	qu-ta		m	W	M	R					N					
45.0						gn ss	lt gy		f	M	M	R		H	A		N					
47.5						gn ss	fract		f	W	R						N					
50.0						gn ss	fract		f	W	R						N					
52.5						gn ss	lt gy		f	M	M	A					N					
55.0						gn ss	lt gy		M	W	R		H				N					
57.5						gn ss	tn		M	W	R						N					
60.0						gn ss	tn		M	C	M	R					N					
62.5						gn ss	fract		C	W	M	A					N					
65.0						gn ss	fract		M	W	A						N					
67.5						gn ss	fract		M	W	R						N					
70.0						gn ss	lt tan		M	C	M	R					N					
72.5						gn ss	lt tan		M	C	M	R					N					
75.0						gn ss	lt tan		M	W	R						N					
77.5						gn ss	lt tan		M	W	R						N					
80.0						gn ss	lt tan		m	C	M	R					N					
82.5						gn ss	lt tan		m	W	M	R					N					
85.0						gn ss	qu-ta		f	M	M	R		L			N					
87.5						gn ss	tn		f	M	M	R		L			N					
90.0						gn ss	tn		f	M	M	A					N					
92.5						gn ss	m		M	W	R						N					
95.0						gn ss, sh	wh-tan		m	W	R		L	r	c		N					Brachy Basin Fm. 14.0' - 9.0' present
97.5						gn	ppan										N					
100.0						sh	ppan										N					T.B.
102.5																						
105.0																						
107.5																						
110.0																						
112.5																						
115.0																						
117.5																						
120.0																						
122.5																						
125.0																						


PAGE 1 OF 1
 T.O. PROBE _____
 T.O. DRILL 100.0
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE

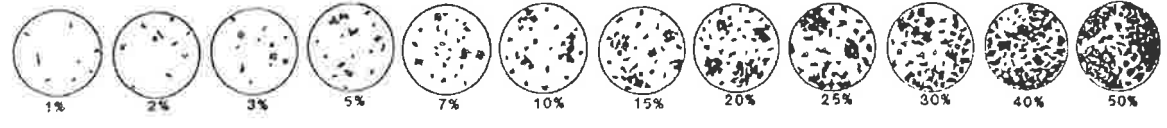
 HYDRO GEO CHEM, INC.	DR-15 AS-BUILT WELL CONSTRUCTION SCHEMATIC		
	Approved SJS	Date 1/9/12	Reference K:\7180260A Well Construction Diagram

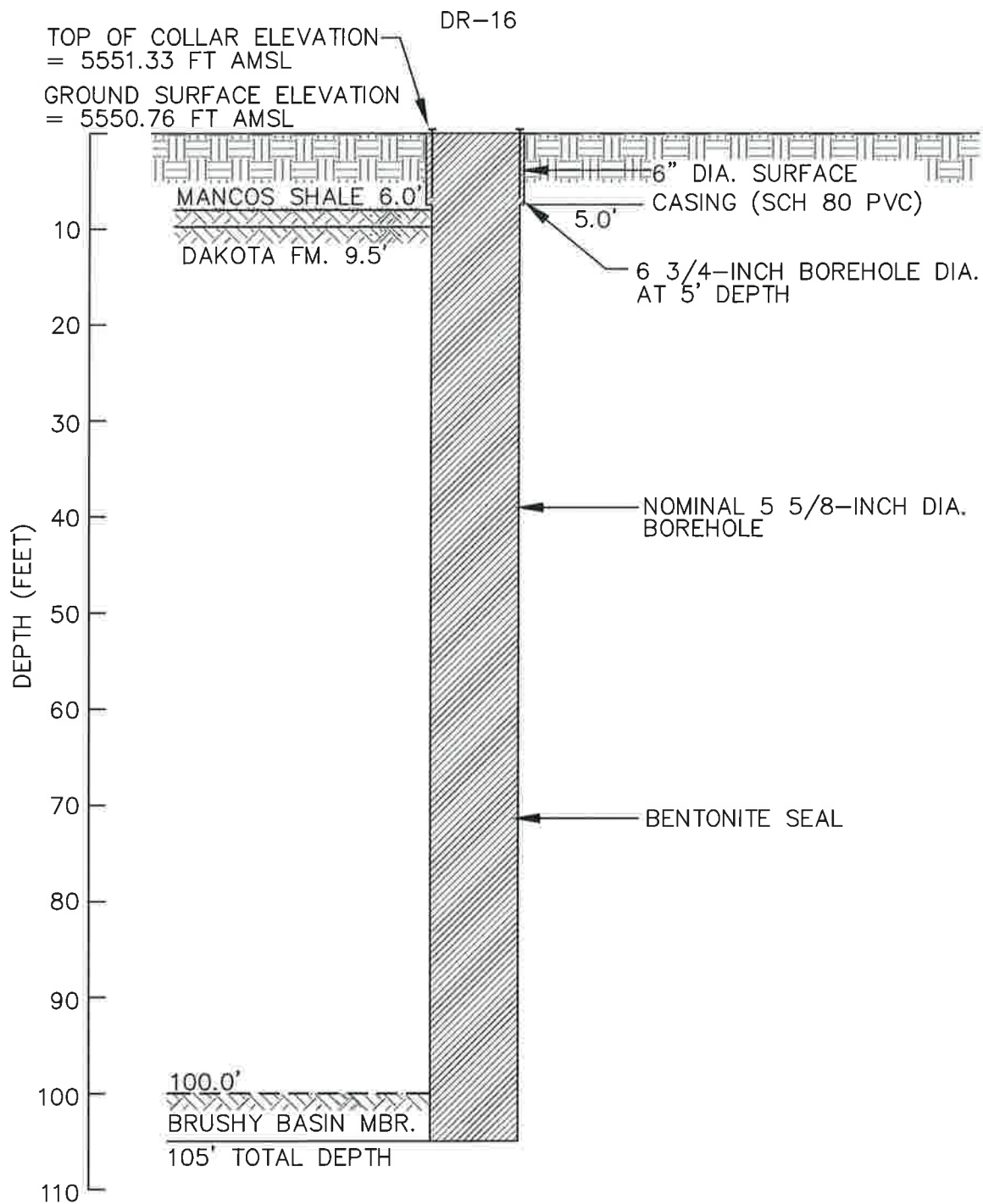
Date 28 APR 2011 Geologist L. Cascoff Drilling Co. Bigles Exploration Co. Hole No. DR15
 Property White Mesa M. S. Project Cell 43 Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. ~5571

DEPTH	SAMPLE TAKEN	ALTERATION	LITHOLOGY	COLOR	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	PYRITE	METALLIC	NON-METALLIC	REACT. OXIDE	AMOUNT	TYPE	REMARKS
0																		
2.5			sdst	rbn								S						Surface Soil - unconsoildated - sandy loam clay CL
5.0			msst	brn								S						Surface Soil - unconsoildated - " " " CL
7.5			sh	brn								YS						mancoes sh sandy, calc clay G.H
10.0			sandst	wh	f m	f a						S						mancoes sh
12.5			trss sh	wh	f w	r						W						North Dakota, Bl. C. 11.0"
15.0			trss	wh	f m	r						N						
17.5			trss	wh	f m	r		L				N						
20.0			trss	wh	f w	r						N						
22.5			trss	wh	f w	r		L				N						
25.0			trss	wh	m w	r						N						
27.5			trss	wh	m w	r						N						
30.0			trss	wh	m-c	m r						N						some chert frags and grains
32.5			trss	wh	f m	r		L				N						
35.0			trss	wh	f w	r						N						
37.5			trss	wh	m w	r						N						
40.0			trss	wh	m-c	m a						N						
42.5			trss	wh	m-c	m r						N						
45.0			trss	wh	m-c	m r						N						
47.5			trss	wh	m-c	m r						N						some chert frags and grains
50.0			trss sh	wh	m-c	m r						N						some chert frags
52.5			sh	wh								N						
55.0			sh trss	wh	m-c	p a						N						abund chert frags and grains
57.5			trss	wh	m-c	p a						N						" " " "
60.0			trss	wh	m w	r						N						
62.5			trss	wh	m w	r		L				N						
65.0			trss	wh	m w	r		L				N						
67.5			trss	wh	m-c	m r		L				N						abund chert frags and grains
70.0			trss, cgl	wh	m-c	f r						N						50% chert frags and grains, and pebbles
72.5			trss	wh	m-c	f a						N						some " "
75.0			trss	wh	m w	r						N						
77.5			trss	wh	m-c	m a						N						10% chert frags and grains
80.0			trss, cgl	wh	m-c	m a						N						50% chert frags and grains and pebbles
82.5			trss	wh	m w	r						N						
85.0			trss	wh	m-c	f a						N						some chert
87.5			trss, cgl	wh	m-c	f a						N						60% chert frags and grains and pebbles
90.0			trss, cgl	wh	m-c	f a						N						note some chert frags and pebbles
92.5			trss	wh	m w	r						N						chert - hard and shiny
95.0			trss	wh	m w	r						N						
97.5			trss, cgl	wh	m-c	p a			W.C			N						Brookings Basin Bl. C. 9.6" purple sandstone, white
100.0			sh	wh								N						T.D.
102.5																		
105.0																		
107.5																		
110.0																		
112.5																		
115.0																		
117.5																		
120.0																		
122.5																		
125.0																		

PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL 100.0 T.D.
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**DR-16
WELL ABANDONMENT SCHEMATIC**

Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180261A Well Construction Diagram	

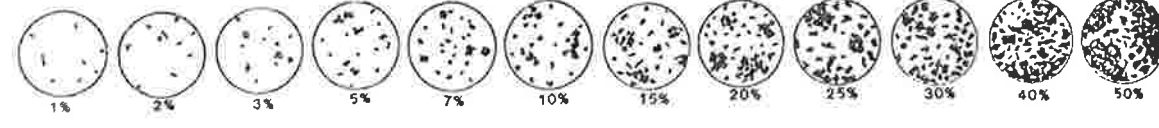
Date 28 APR 2011 Geologist L. Casco Drilling Co. Bayles Exploration Co Hole No. DR16
 Property White Mesa Mill Project Cell 4B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 3555

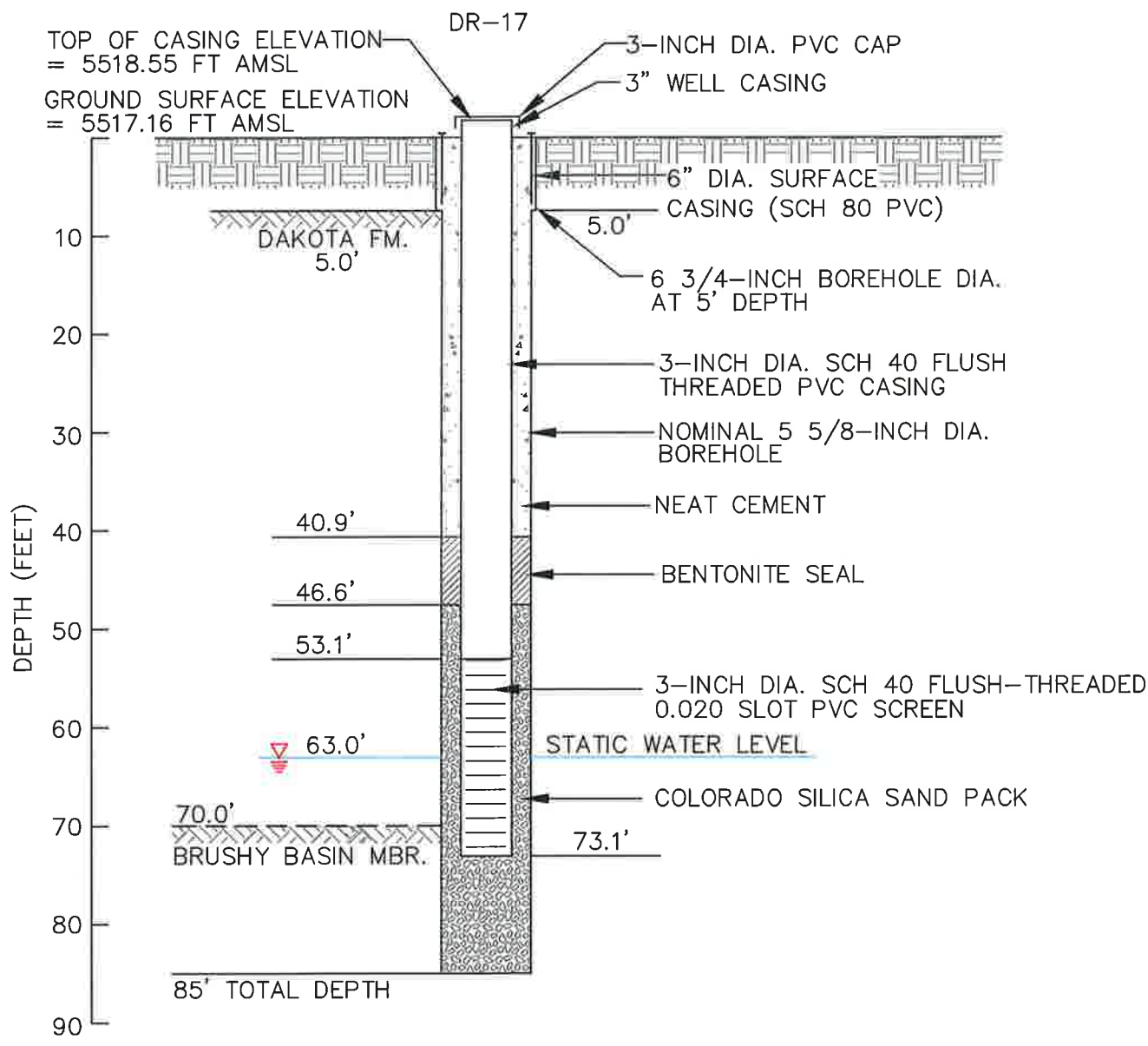
DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	SANDSTONE	BRECCIA	PIRE	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	ALTER	PYRITE	METALLIC	NON-METALLIC	REACT. TO HCL	AMOUNT	TYPE	CARBON	REMARKS

PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL 105.0
 FLUID LEVEL _____


0																							
25							ms	red															Surface Soil - well-sorted - sandy limestone CL
50							ms	red															Surface Soil - well-sorted - sandy limestone CL
75							ms	gray-pktn															MANOS SHALE @ 60.0'
100							ms	gray	m w r														MANOS SHALE ss is typical
125							qtz ss	tan	m w r														Upper Devonian @ 9.5'
150							qtz ss	tan	m w r														
175							qtz ss	tan	f m m r														
200							qtz ss	tan	f m m r														
225							qtz ss	tan	f w r														
250							qtz ss	tan	m w r														
275							qtz ss	tan	ve f m r														
300							qtz ss	tan	m w r														
325							qtz ss	tan	m w r														
350							qtz ss	tan	f w r														
375							qtz ss	tan	m w r														
400							qtz ss	tan	m w r														
425							qtz ss	tan	m w r														
450							qtz ss	tan	m w r														
475							sh-qtz ss	gray	m ve p d														
500							qtz ss	tan	m w r														abundant, colored chert fragments
525							qtz ss	tan	m w r														" " " " " " " " " "
550							qtz ss	tan	m-c m d														
575							qtz ss	tan	m-c m d														
600							qtz ss	tan	m w r														
625							qtz ss	tan	m w r														
650							qtz ss	tan	m-c m d														
675							qtz ss	tan	m-c m r														
700							qtz ss	tan	m m r														
725							qtz ss	tan	m-ve p d														chert grains
750							qtz ss	tan	m-c m r														
775							qtz ss	tan	m-ve p d														50% chert grains + fossils
800							qtz ss	tan	m-ve p d														
825							qtz ss	tan	m-ve p d														
850							qtz ss	tan	m-ve p d														
875							qtz ss	tan	m-ve p d														50%+ chert grains, fragments + fossils
900							qtz ss	tan	m w r														
925							qtz ss	tan	m-ve p d														50% chert grains + fossils + grains
950							qtz ss	tan	m-ve p d														75% chert grains + fossils + grains
975							qtz ss	tan	m w r														
1000							qtz ss	tan	m-c m d														Brachiopod in Co. B. 100% of fossils as seen w/ qtz
1025							sh	gray-tan															
1050							sh	gray-tan															trace of small red chert grains T.D.
1075																							
1100																							
1125																							
1150																							
1175																							
1200																							
1225																							
1250																							

PERCENTAGE COMPOSITION IMAGE





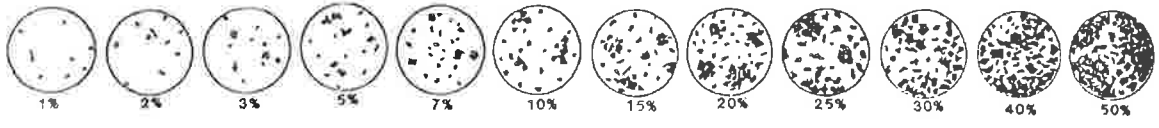
NOT TO SCALE

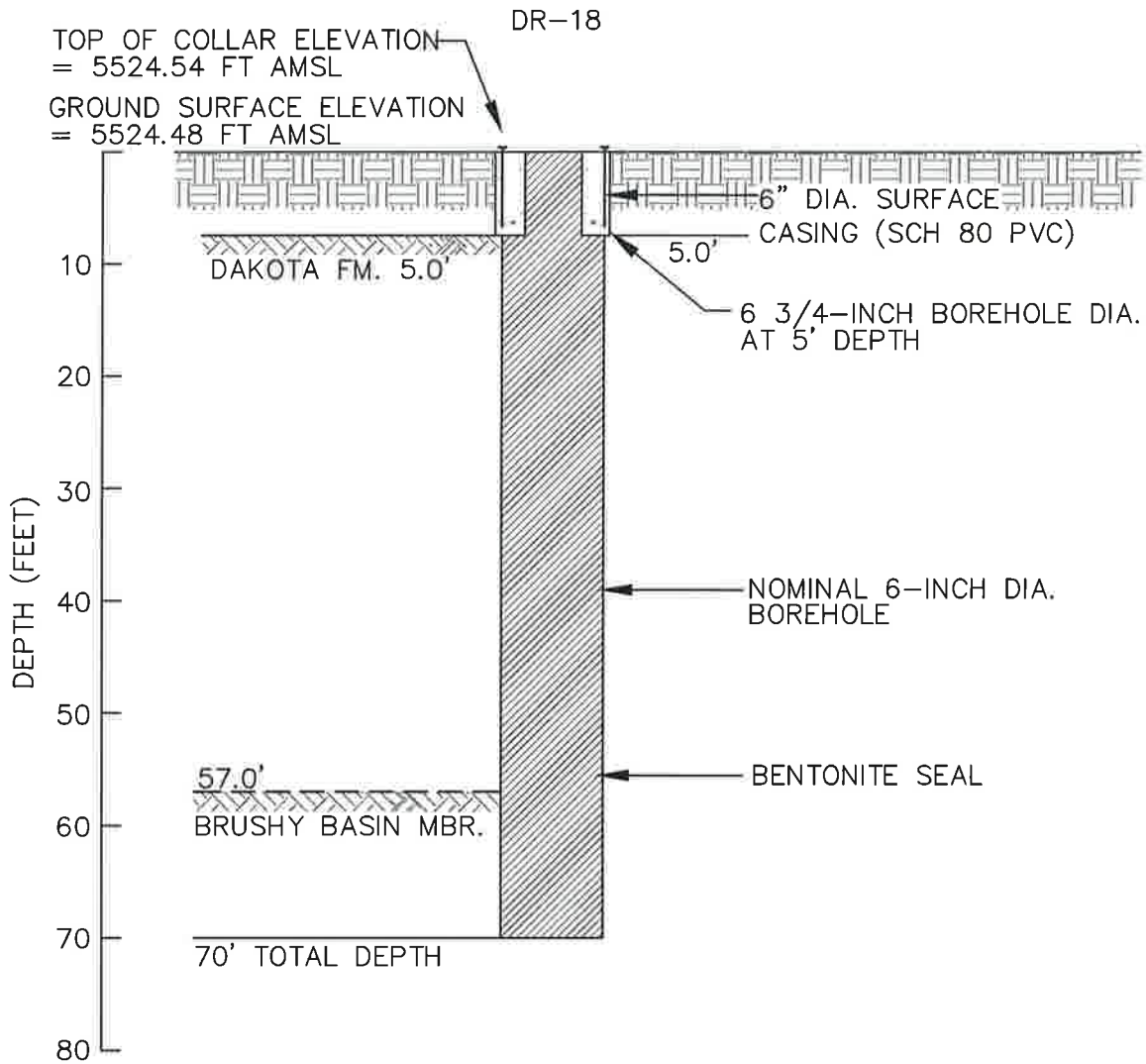
 HYDRO GEO CHEM, INC.	DR-17 AS-BUILT WELL CONSTRUCTION SCHEMATIC			Figure
	Approved SJS	Date 1/9/12	Reference K:\17180262A Well Construction Diagram	

Date 29 APR 2011 Geologist L. Casper Drilling Co. Parks Exploration Co Hole No. DR17
 Property White Mesa Natl Project CELL 4A Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County Salt Lake State Utah Location _____ Elev. _____

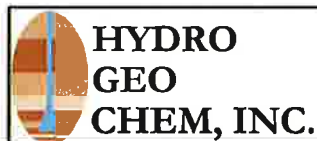
DEPTH	SAMPLE TAKER	DIAPHRAGM LOG	ALTERATION	BARNA ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENT MATRIX	IRON OXIDE	AMOUNT	HABIT	PYRITE	METALLIC	NON-METALLIC	REACT-10% HCL	AMOUNT	TYPE	CARBON	REMARKS
0						mds-	rdbr															Surface Soil - unconsolidated - lean sandy clay CL	
2.5						mds-	rdbr															Surface Soil - unconsolidated - lean sandy clay CL	
5.0						qtz ss	rdbr	m	C	M	R											Upper Dakota Fin Cr B S.D.	
7.5						qtz ss	rdbr	m	C	M	R												
10.0						qtz ss	rdbr	m	C	M	R												
12.5						qtz ss	rdbr	m	C	M	R												
15.0						qtz ss	rdbr	m	C	M	R											Some chert frags	
17.5						qtz ss	rdbr	f	C	F	D												
20.0						qtz ss	rdbr	m	C	M	R												
22.5						qtz ss	rdbr	m	C	M	R												
25.0						qtz ss	rdbr	m	C	M	R												
27.5						qtz ss, sh	rdbr	f	C	F	D												
30.0						cel. qtz ss	rdbr	m	C	M	R											chert pebbles & frags 75%	
32.5						sh. qtz ss	rdbr	m	C	M	R												
35.0						sand. sh	rdbr	v	F	M	F	D											
37.5						sand. sh	rdbr	v	F	M	F	D											
40.0						sand. sh	rdbr	v	F	M	F	D											
42.5						sand. sh. ss	rdbr	v	F	M	F	D											
45.0						qtz ss	rdbr	m	C	M	R												
47.5						qtz ss	rdbr	v	F	M	F	D											
50.0						qtz ss	rdbr	v	F	M	F	D											
52.5						qtz ss	rdbr	f	C	F	D												
55.0						qtz ss	rdbr	f	C	F	D												
57.5						qtz ss	rdbr	m	C	M	R											some light colored chert frags and pebbles	
60.0						qtz ss	rdbr	m	C	M	R												
62.5						qtz ss	rdbr	m	C	M	R												
65.0						qtz ss	rdbr	f	C	F	D												
67.5						qtz ss	rdbr	f	C	F	D												
70.0						qtz ss	rdbr	f	C	F	D											Brushy Sand at 70.0	
72.5						sh. cgl	rdbr															some chert pebbles	
75.0						sh. cgl	rdbr															" " " " red chert frags	
77.5						sh	rdbr																
80.0						sh	rdbr															red chert frags	
82.5						sh	rdbr																
85.0						sh	rdbr															T.D. red chert frags, pyrite as small frags	
87.5																							
90.0																							
92.5																							
95.0																							
97.5																							
100.0																							
102.5																							
105.0																							
107.5																							
110.0																							
112.5																							
115.0																							
117.5																							
120.0																							

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



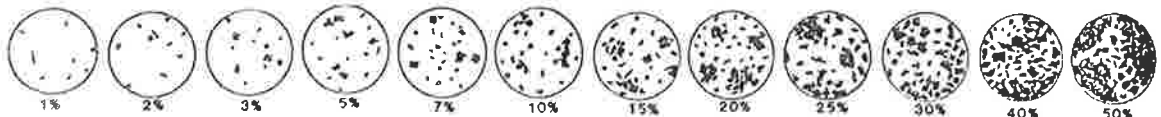
**DR-18
 WELL ABANDONMENT SCHEMATIC**

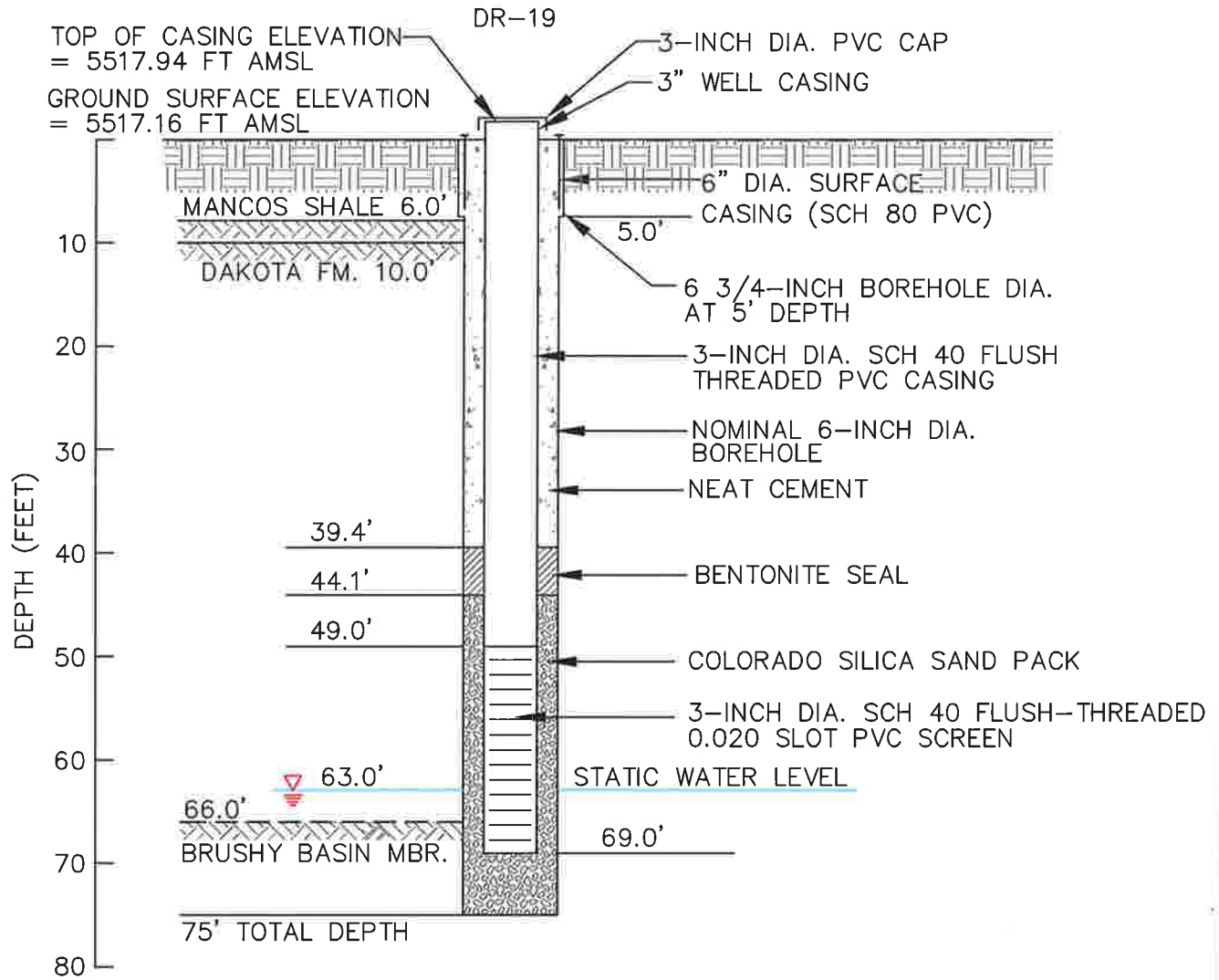
Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180263A Well Construction Diagram	

Date 4 May 2011 Geologist L. Casabier Drilling Co. Bryles Exploration Inc. Hole No. DR 18
 Property White Mesa M.U. Project Project 02043 Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. ≈ 5556

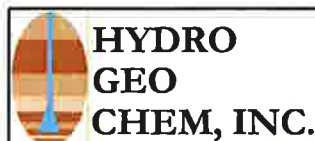
DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	BARRE ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	PYRITE	METALLIC	NON-METALLIC	REAG. TO % HCL	AMOUNT	TYPE	CARBON	REMARKS
0						mdst	rdn																Surface Soil: unconsolidated - sandy silt ML
2.5						mdst	rdn																Surface Soil: unconsolidated - sandy silt ML
5.0						qtz ss	on	m-vc	p	a													Hydr Debris Fr. Ct. @ 5.0' wh. gy chert frags
7.5						qtz ss	wh-gran	m-vc	p	a													abund. chert frags
10.0						qtz ss	subn	m-vc	p	a													75% mudst colored chert frags, grains
12.5						qtz ss	dkgy	m	w	a													
15.0						qtz ss	tn	f	w	r													
17.5						qtz ss	lortn	m	w	r													
20.0						qtz ss	tn	m	c	m	r												
22.5						qtz ss	tn	m	c	m	r												
25.0						qtz ss	tn	m-vc	f	r													
27.5						qtz ss	aytbn	m-vc	p	a													
30.0						qtz ss	tn	m	w	r													Meddles first noted @ 30.0'
32.5						qtz ss	tn	m	w	r													
35.0						qtz ss	tn	m	c	m	r												
37.5						qtz ss	tn	m	c	m	r												
40.0						qtz ss	Harbn	m-vc	f	r													abund chert frags, grains
42.5						qtz ss	vltan	m	v	a													
45.0						qtz ss	vltan	m	c	m	a												
47.5						qtz ss, qtz	wh	m	c	m	a	L											very hard drusy, some small chert grains
50.0						qtz ss, qtz	wh	m	c	m	a	L											" " "
52.5						qtz ss	wh-vltan	m-vc	p	a													" " "
55.0						qtz ss	wh-vltan	m-vc	p	a													" " "
57.5						qtz ss, sh	ragion-lign	m-vc	p	a													drusy Basal ch. @ 57.0' chert breccia
60.0						sh	vltan																
62.5						sh	blgy																some chert grains
65.0						sh	blgy																tealite red chert grains
67.5						sh	blgy																
70.0						sa	blgy																T.D.
72.5																							
75.0																							
77.5																							
80.0																							
82.5																							
85.0																							
87.5																							
90.0																							
92.5																							
95.0																							
97.5																							
100.0																							
102.5																							
105.0																							
107.5																							
110.0																							
112.5																							
115.0																							
117.5																							
120.0																							
122.5																							
125.0																							

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**DR-19
 AS-BUILT WELL CONSTRUCTION SCHEMATIC**

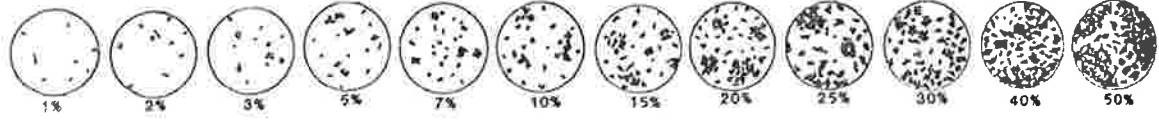
Approved	Date	Reference	Figure
SJS	1/9/12	K:17180264A Well Construction Diagram	

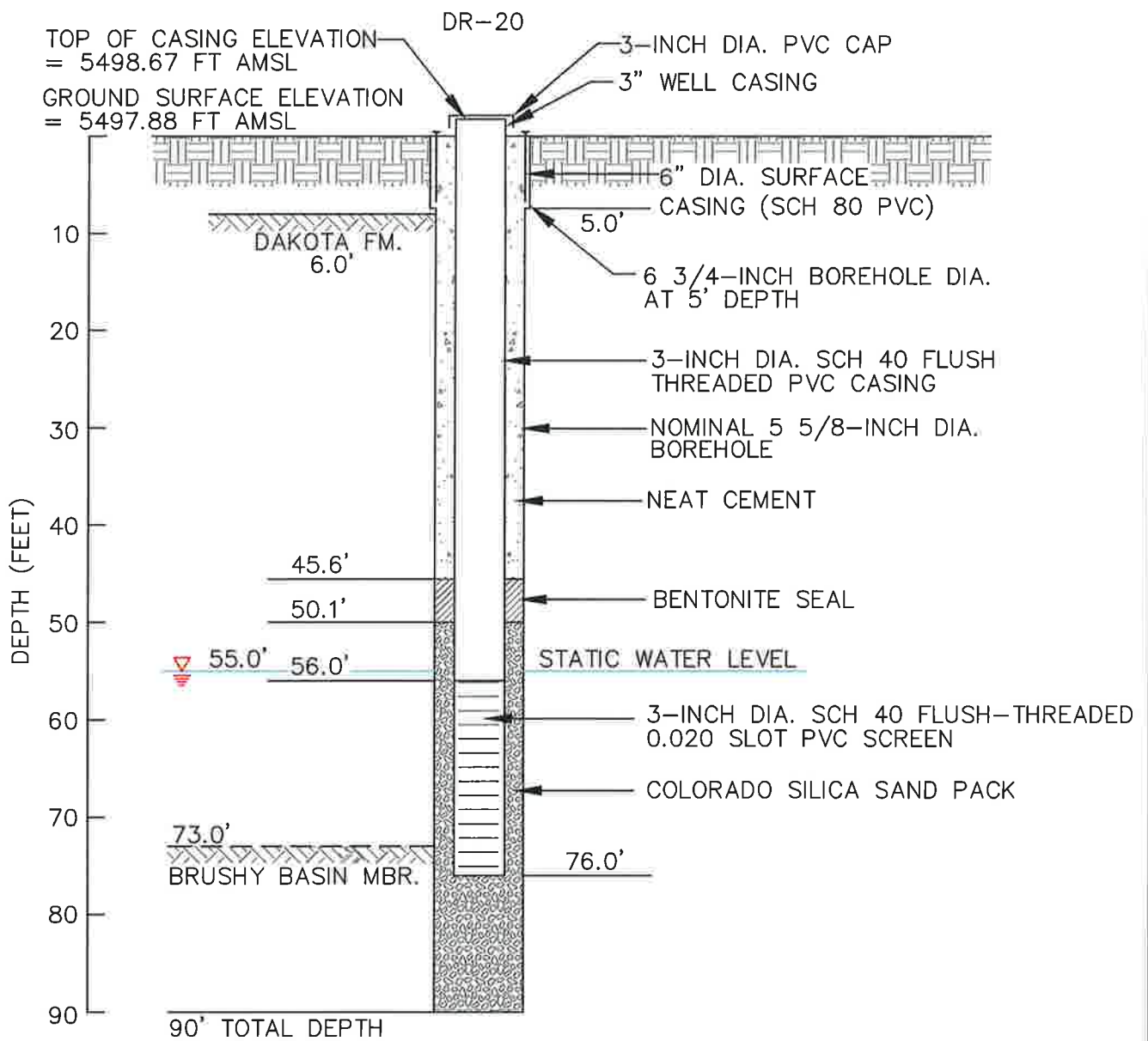
Date 3 May 2011 Geologist L Casebolt Drilling Co. Boyles Exploration Inc. Hole No. DR 19
 Property White Press Mill Project Cell 4 B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County Sny Iawa State Utah Location _____ Elev. ~ 5513

DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	BARRETT ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENT MATRIX	IRON OXIDE	AMOUNT	HABIT	ALTER.	PYRITE	METALLIC	NON-METALLIC	REACT-10% MEL	AMOUNT	TYPE	CARBON	REMARKS
0																							
2.5						msst	redn																Surface soil - unconsolidated
5.0						msst	redn																Surface soil - unconsolidated
7.5						sandy ss	rdn-pk	vf	f	m	r												massive sh @ 6.0'
10.0						sandy ss	rdn-pk	vf	m	f	r												"
12.5						ss	whn	f	m	m	r												Lower Dakota fm Ct @ 10.0'
15.0						ss	lt gr bn	m	w	a		L											
17.5						ss sh	gyln-ldkgy	m	c	m	a												
20.0						ss	ltgyln	m	w	a													Some gy chert grains
22.5						ss	tn	m	w	r		L											"
25.0						ss	gy-wh	m	vf	f	r												25% lt-dkgy chert pebbles & frags.
27.5						ss	wh-rybn	m	vf	f	a												abund chert frags & pebbles
30.0						ss	ltgyln	m	w	r													
32.5						ss sh	wh-ltgyln	m	vf	m	a												
35.0						ss	ltgyln	m	c	f	a												
37.5						ss	ltgyln	m	c	m	a												
40.0						ss	ltgyln	m	w	r													
42.5						ss	ltgyln	f	m	m	r												
45.0						ss	ltgyln	f	w	r													
47.5						ss	ltgyln	m	w	r													
50.0						ss	ltgyln	m	w	r													
52.5						ss	ltgyln	m	vf	m	r		H										abund chert frags.
55.0						ss	ltgyln	m	c	f	a												
57.5						ss	ltgyln	m	c	f	a												
60.0						ss	wh-ltgyln	m	vf	f	a												
62.5						ss	dkgyln	c	vf	p	a												50% lt-dkgy chert pebbles & frags.
65.0						ss	tn-dkgy	m	vf	p	a												
67.5						ss	prbn	c	vf	p	a												75% multicolored chert pebbles & frags.
70.0						sh	br-gy	m	c	m	r												Brushy Basin Ct @ 66.0'
72.5						sh	ltgyln																
75.0						sandy sh	ltgyln																
77.5						sh	ltgyln																
80.0																							
82.5																							
85.0																							
87.5																							
90.0																							
92.5																							
95.0																							
97.5																							
100.0																							
102.5																							
105.0																							
107.5																							
110.0																							
112.5																							
115.0																							
117.5																							
120.0																							
122.5																							
125.0																							
127.5																							

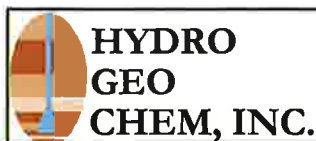
PAGE 1 OF 1
 T.O. PROBE _____
 T.O. DRILL 75.0
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**DR-20
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

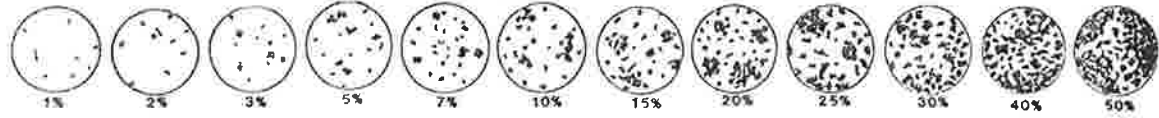
Approved	Date	Reference	Figure
SJS	1/9/12	K:17180265A Well Construction Diagram	

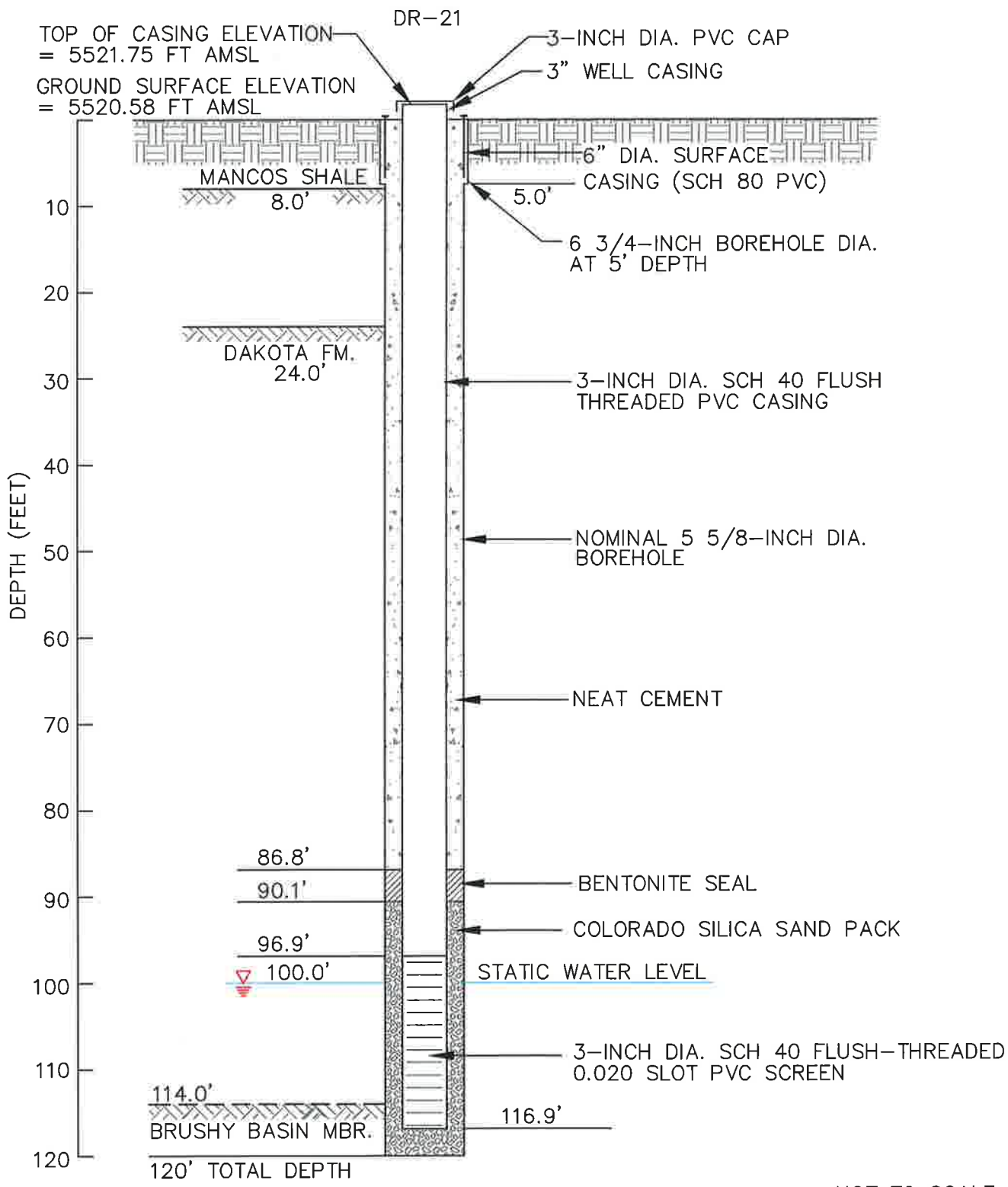
Date 2 May 2011 Geologist L. Case, BV Drilling Co. Bayles Exploration Inc. Hole No. DR 20
 Property White Mesa N.M. Project Cell 4B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. ~5499

DEPTH	SAMPLE TAKEN	GRAIN LOG	ALTERATION	BARINA ANDMAY	BRECCIA PIPE	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE AMOUNT	PYRITE HABIT	ALTER METALLIC	NON-METALLIC REACT. TO HCL	AMOUNT	TYPE	CARBON	REMARKS	
																				DEPTH
0																				
25						msst	rd bn													Surface Soil - unconsolidated sandy tan clay cl.
50						msst	rd bn													Surface Soil - unconsolidated sandy tan clay cl.
75						qtz ss	gn	pkta	m	sd										Upper Dakota Fm. Cl. # 46 some chert frags.
100						qtz ss	ltayn	m	c	m	r									
125						qtz ss	ltayn	m	c	m	a									
150						qtz ss	ltayn	m	w	a										
175						qtz ss	ltayn	m	w	a										
200						qtz ss	tn	m	w	a										
225						qtz ss	tn	m	c	m	a									
250						qtz ss	ltayn	f	w	a										
275						qtz ss	tn	m	c	m	a									some chert frags
300						qtz ss	ltayn	m	c	m	a									" " "
325						qtz ss	ltayn	m	c	m	a									
350						qtz ss	ltayn	f	m	m	r									
375						snaky sh	ltayn	f	m	w	r									sparse chert frags
400						snaky sh	ltayn	f	m	w	r									
425						sh	ltayn	f	m	w	r									
450						sh	ltayn	f	m	w	r									sparse chert frags.
475						qtz ss sh	ltayn	f	m	f	a									
500						sh	ltayn	f	m	f	a									
525						snaky sh	ltayn	m	w	f	a									sparse chert frags (small)
550						sh, qtz	ltayn	m	w	a										
575						snaky sh	ltayn	f	m	m	r									
600						qtz ss sh	ltayn	f	m	m	r									
625						snaky sh	ltayn	f	m	m	r									
650						sh	ltayn	f	m	m	r									sparse red-bn chert frags
675						sh	ltayn	f	m	m	r									
700						qtz sh	ltayn	f	m	m	r									some red-bn chert grains frags
725						qtz ss, sh	ltayn	f	c	p	a									
750						qtz ss, sh	ltayn	f	m	m	a									Broken chert, in a 73.9" abund. red-bn chert frags
775						sh	ltayn	f	m	m	r									
800						sh	ltayn	f	m	m	r									mottled sh frags.
825						sh	ltayn	f	m	m	r									
850						qtz ss, sh	ltayn	m	c	m	a									micaceous ss. (insect?)
875						snaky sh	ltayn	f	m	m	r									
900						sh	ltayn	f	m	m	r									T.D.
925																				
950																				
975																				
1000																				
1025																				
1050																				
1075																				
1100																				
1125																				
1150																				
1175																				
1200																				
1225																				
1250																				

PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL _____
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**HYDRO
 GEO
 CHEM, INC.**

DR-21 AS-BUILT WELL CONSTRUCTION SCHEMATIC			
Approved SJS	Date 1/9/12	Reference K:\180266A Well Construction Diagram	Figure

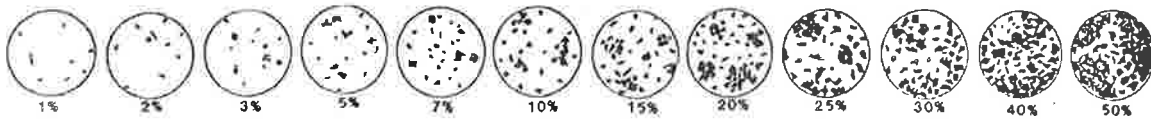
Date 2 May 2011 Geologist L. Roscoe Drilling Co. Bowles Exploration Inc Hole No. DP 21
 Property White Mesa m. Project cell 4B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County Salt Lake State Utah Location _____ Elev. ~ 5530

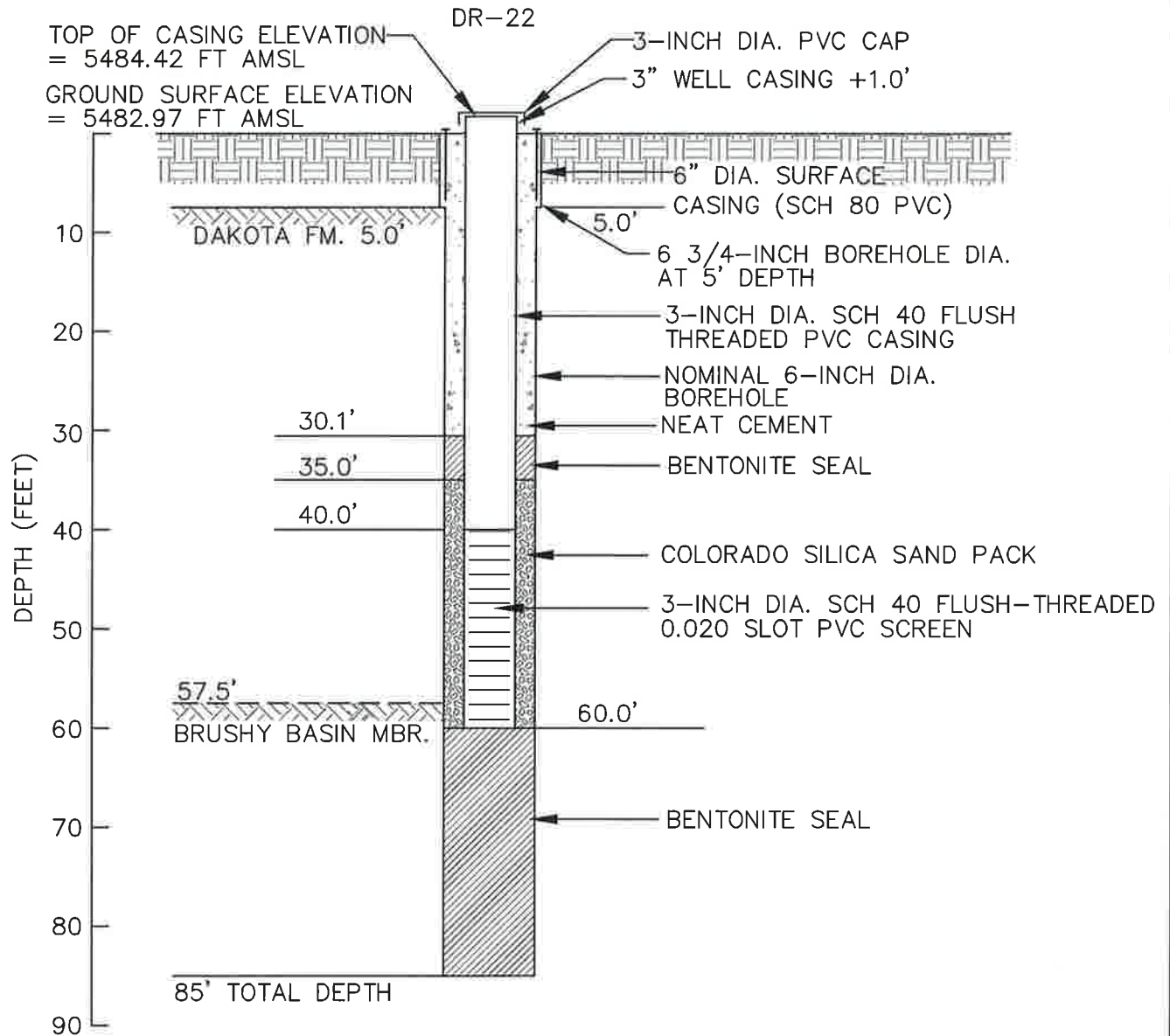
DEPTH	SAMPLE TAKEN	SHAPE LOG	ALTERATION	DRAMA ANOMALY	BIOTIC PIPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENT MATRIX	IRON OXIDE	AMOUNT	H/BI	ALTER	PYRITE	METALLIC	NOI-METALLIC	REACT-10% HCL	AMOUNT	TYPE	CARBON	REMARKS

PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL _____
 FLUID LEVEL _____

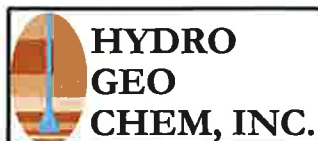
0						mds-	rdn																	Surface soil - unconsolidated - sandy lean clay CL	
25						mdst	rdn																	Surface soil - unconsolidated - sandy lean clay CL	
50						sn dyss	rdn-tpk	m	w	a														more than 20'	
75						sh	pk tn																		
100						sh	pk tn																		
125						sh	pk tn																		
150						sh	pk tn																		
175						sh	pk tn																		
200						sn dyss	rdn-tpk	f	w	a															
225						sn dyss	rdn-tpk	m	w	a															
250						sn dyss	rdn-tpk	f	m	a														Upper Dakota Fm Cl is 24'	
275						qtz ss	tn	m	w	a															
300						qtz ss	tn	m	w	a															
325						qtz ss	tn	m	w	a															
350						qtz ss	tn	f	m	a															
375						qtz ss	tn	m	w	a															
400						qtz ss	tn	f	w	a															
425						qtz ss	tn	m	w	a															
450						qtz ss, sh	dk bn	m	w	a															
475						qtz ss	tn	m	c	m	a														
500						qtz ss	gn tn	m	v	c	p	a												abund mlt colored chert frags.	
525						qtz ss	tn	m	v	c	p	a												" " " " "	
550						qtz ss	tn	m	v	c	f	a												" " " " "	
575						sh	ltay, qn																	chert pebbles frags	
600						sh	ltay																		
625						sn dy ss	vtay tn	v	f	m	f	a													
650						qtz ss	tn	m	w	a															
675						qtz ss	tn	m	c	m	a														
700						qtz ss	tn	c	w	r															
725						qtz ss, qn	ltay tn	m	v	c	f	r													
750						qtz ss	ltay tn	c	w	r														some gy chert grains	
775						qtz ss	tn	c	w	r															
800						qtz ss	tn	m	c	m	a														
825						qtz ss	tn	m	w	r															
850						qtz ss	tn	f	m	m	r														
875						qtz ss	ltay tn	v	w	r															
900						qtz ss	tn	f	m	m	r														
925						qtz ss	tn	m	w	r															
950						qtz ss, qn	tn	m	v	c	f	a												some gy chert frags.	
975						qtz ss	wh-vlt tn	m	v	c	m	a												abund wh-lt colored quartz chert frags.	
1000						qtz ss	wh-vlt tn	m	v	c	m	a												" " " " "	
1025						qtz ss	wh-ta	m	v	c	f	a												" " " " "	
1050						qtz ss	wh-ta	m	v	c	f	a												hard drilling, abund rusting steel frags.	
1075						qtz ss, qn	wh-ta	m	v	c	f	a												" " " " "	
1100						qtz ss, qn	wh-ta	m	v	c	f	a												50% of grains are chert	
1125						qtz ss, qn	gn tn	m	v	c	f	a													
1150						qtz ss, qn	gn tn	m	v	c	f	a													Upper Dakota Fm Cl is 114.0'
1175						slty sh	gn-pbna																		
1200						slty sh	gn-pbna																		T.D.

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**DR-22
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

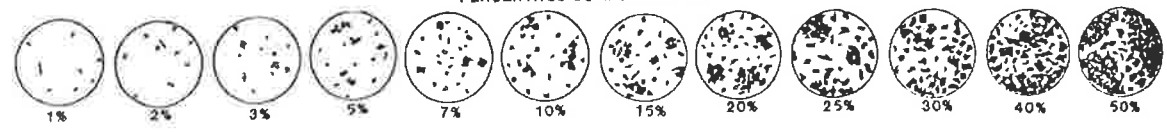
Approved	Date	Reference	Figure
SJS	1/9/12	K:17180267A Well Construction Diagram	

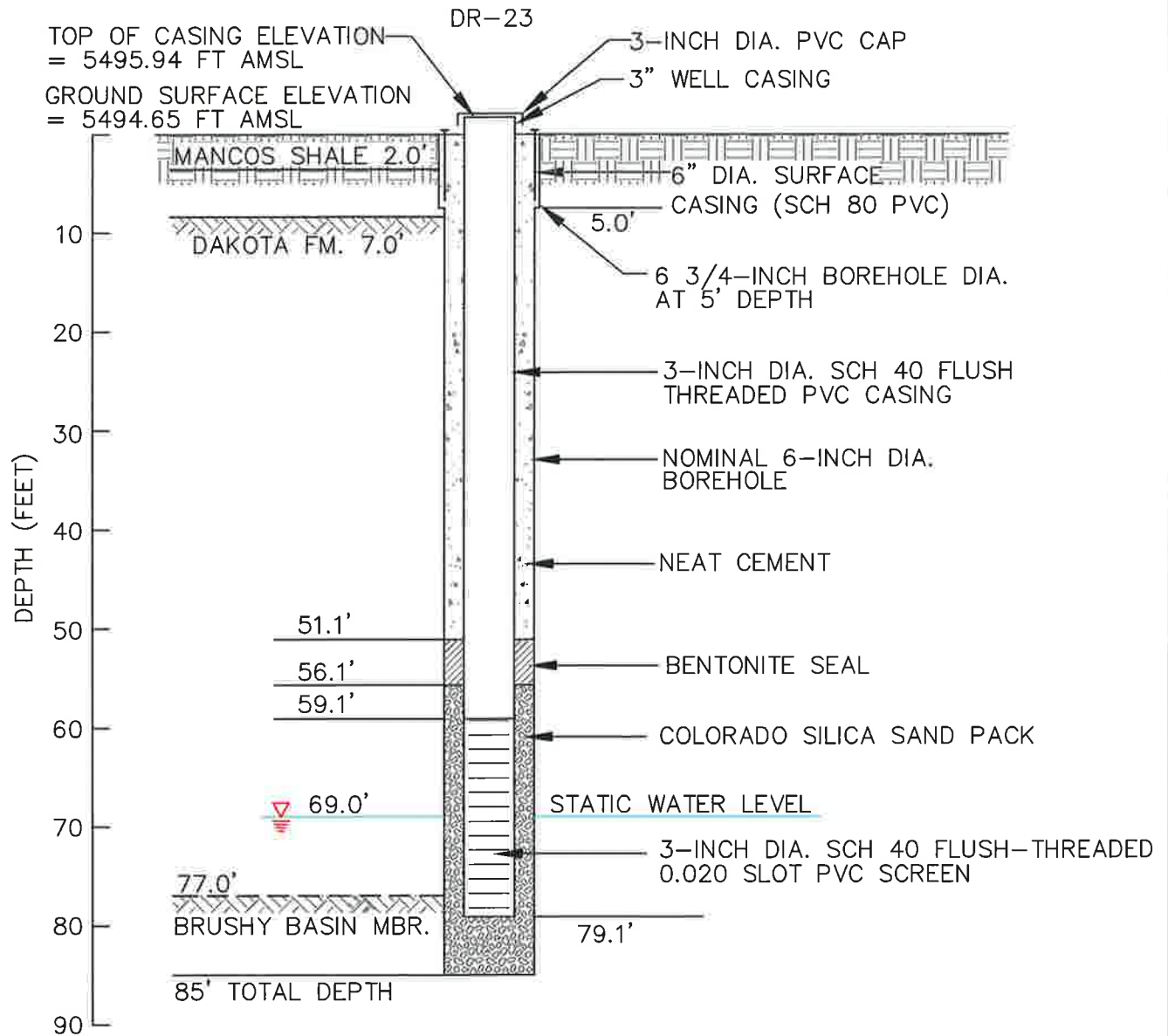
Date 3 May 201 Geologist L. Caslow Drilling Co. Pacific Exploration Inc. Hole No. DR 22
 Property White Mass Mill Project Cell 4B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 5488

DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	GAMMA ANOMALY	BREGGIA PIPE	LITHOLOGY	COLOR WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	PYRITE	ALTER	METALLIC	NON-METALLIC	REACT. TO HCL	AMOUNT	TYPE	CARBON	REMARKS
0																							
2.5						msst	rd bn																Surface 90% unconsolidated - sandy lean clay cl.
5.0						msst	rd bn																Surface 50% unconsolidated - sandy lean clay c.
7.5						at ss	lt grn																Upper Dakota cl @ 5.0'
10.0						at ss cgl	lt grn	m-xf	r														abund gray chert frags.
12.5						at ss	lt grn	MW	r														
15.0						at ss sh	wh-lt grn	m-c	m r														
17.5						at ss	wh-lt grn	m-vc	m r														Some chert frags.
20.0						at ss	lt grn	m-c	m r														
22.5						at ss cgl	lt grn	m-xf	a														50% chert frags. ss & frags.
25.0						at ss cgl	lt grn	m-xf	a														" " " "
27.5						at ss	lt grn	m-w	a														
30.0						at ss cgl	lt grn	m-xf	a														abund light colored chert grains
32.5						at ss	lt grn	m-c	m r														
35.0						at ss	lt grn	m-w	r														
37.5						at ss	lt grn	m-w	r														
40.0						at ss	lt grn	m-c	m a														
42.5						at ss	lt grn	m-w	r														
45.0						at ss	lt grn	m-c	m r														
47.5						at ss	lt grn	m-w	r														
50.0						at ss	lt grn	m-c	m r														
52.5						at ss	lt grn	m-c	m a														
55.0						at ss	lt grn	m-c	m a														
57.5						at ss	lt grn	m-c	m a														
60.0						sh	lt grn																Brassy ss @ 57.5' some chert frags.
62.5						sh	wh-lt grn																
65.0						sh	lt grn																Some red chert grains
67.5						sh	gn-ppbn																Extremely hard drilling (chert) from 67.5'
70.0						sh, atz	ortn-grn																To 72.5' chert pebbles & frags.
72.5						sh, atz	wh-rtan	m-vc															
75.0						sh	lt grn																red chert frags.
77.5						sh	lt grn																" " " " & pebbles
80.0						sh	lt grn																
82.5						sh, atz	lt grn	f-m	m a														TD
85.0						atz ss	lt grn	vf-m	f a														
87.5																							
90.0																							
92.5																							
95.0																							
97.5																							
100.0																							
102.5																							
105.0																							
107.5																							
110.0																							
112.5																							
115.0																							
117.5																							
120.0																							
122.5																							
125.0																							

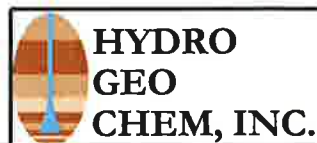
PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL 85.0
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**DR-23
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

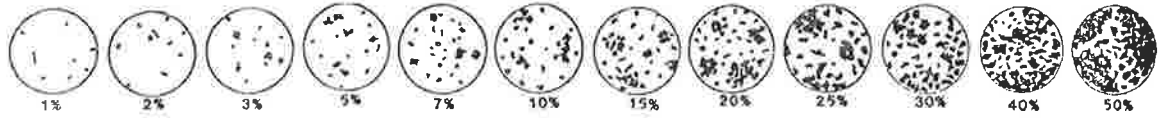
Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180268A Well Construction Diagram	

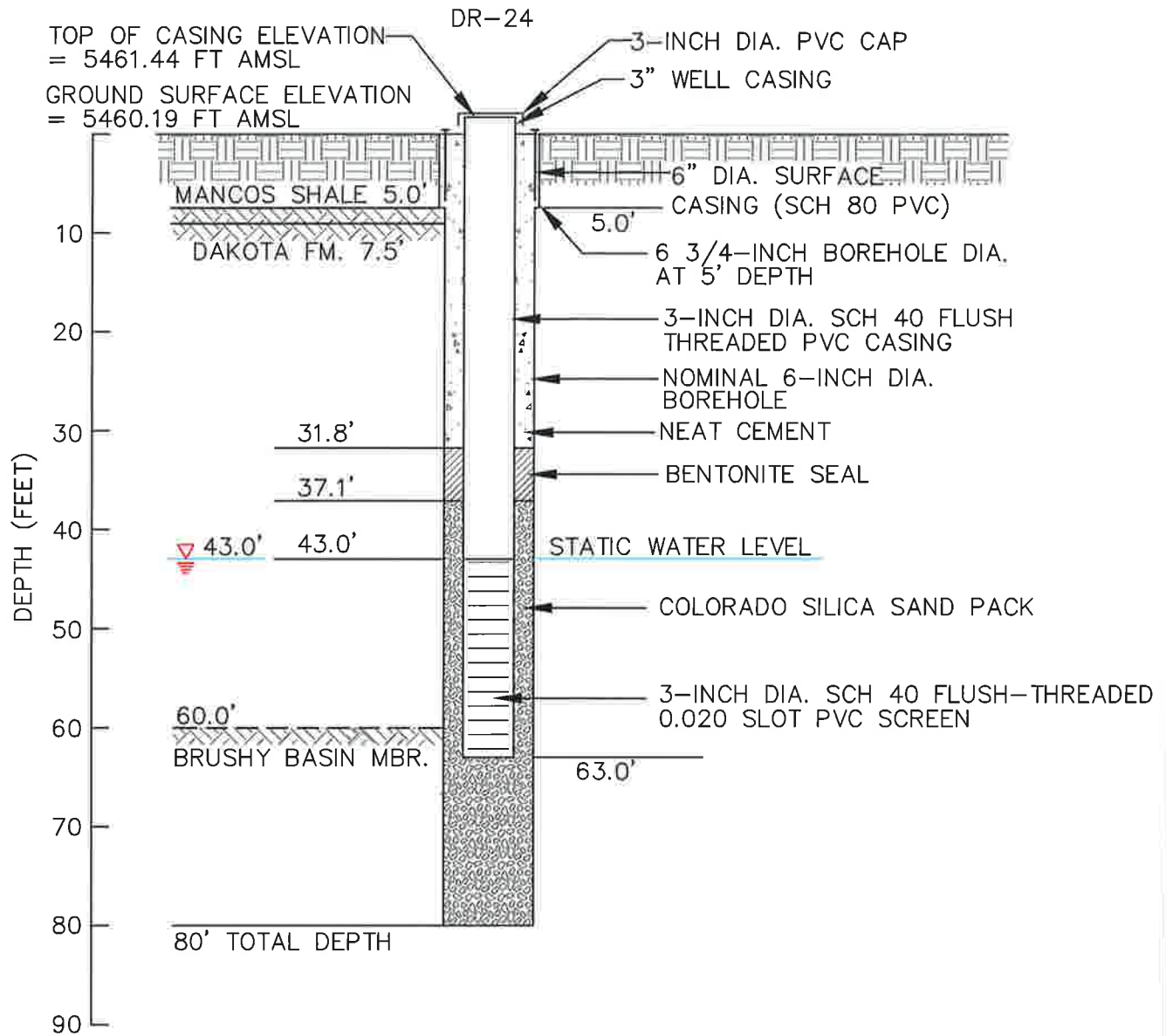
Date 4 May 20 Geologist L. Casebolt Drilling Co. Bayles Exploration, Inc. Hole No. DR 23
 Property White Mesa Mill Project Cell 1B Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. ~5491

DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	BARRETT ANOMALY	BREGGIA PIPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENT MATRIX	IRON OXIDE	AMOUNT	HABIT	ALYER	METALLIC	NON-METALLIC	REACT-100 MEL	AMOUNT	TYPE	CARBON	REMARKS
0																							
2.5						mdst	rbn																Residual soil - Manganese 4.5% & 2.0% unconsolidated
5.0						sd slt	rbn-tpxtn	v-f	w	r													Manganese Sh
7.5						sd slt	wh-tpxtn	m	c	m	r												Upper Dakota, Ct @ 7.0'
10.0						qtz ss	wh-tpxtn	m	c	m	r												
12.5						qtz ss	tn	m	c	m	r												
15.0						qtz ss	tn	m	c	m	r												
17.5						qtz ss	tn	f	m	m	a												
20.0						qtz ss	tn	m	w	u													
22.5						qtz ss	tn	m	w	r													
25.0						qtz ss	tn	m	c	m	a												
27.5						qtz ss	tn	m	c	m	r												
30.0						qtz ss	tpxtn	m	w	r													
32.5						qtz ss	tpxtn	m	w	r													
35.0						qtz ss	tpxtn	m	w	r													
37.5						qtz ss	tpxtn	m	c	m	r												
40.0						qtz ss	tpxtn	m	c	m	a												
42.5						qtz ss, agl	tpxtn-dksg	m	pl	a													30% chert pebbles & grains
45.0						qtz ss	tpxtn	m	c	m	r												
47.5						qtz ss	tpxtn	m	c	m	r												some chert frags
50.0						qtz ss	tpxtn	m	c	m	r												
52.5						qtz ss	vtgq	v-f	m	f	r												
55.0						qtz ss	wh-tpxtn	f	m	m	r												
57.5						qtz ss	wh	f	w	a													
60.0						qtz ss	wh	m	w	r													
62.5						qtz ss	vtgq	m	w	r													
65.0						qtz ss	vtgq	m	w	r													
67.5						qtz ss	vtgq	m	w	r													
70.0						qtz ss	vtgq	m	w	r													
72.5						qtz ss	vtgq	m	c	m	r												some gy chert grains & frags.
75.0						qtz ss, sh	wh-tpxtn	m	c	m	r												
77.5						qtz ss, sh	wh-tpxtn	m	pl	a													Brassy Basal Ct @ 77.0' - good unind some red chert grains
80.0						sh	tpxtn																
82.5						sh	tpxtn																
85.0						sh	tpxtn																
87.5																							
90.0																							
92.5																							
95.0																							
97.5																							
100.0																							
102.5																							
105.0																							
107.5																							
110.0																							
112.5																							
115.0																							
117.5																							
120.0																							
122.5																							
125.0																							

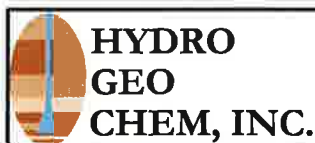
PAGE 1 OF 1
 T.D. PROBE _____
 T.D. DRILL 85.0
 FLUID LEVEL _____

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



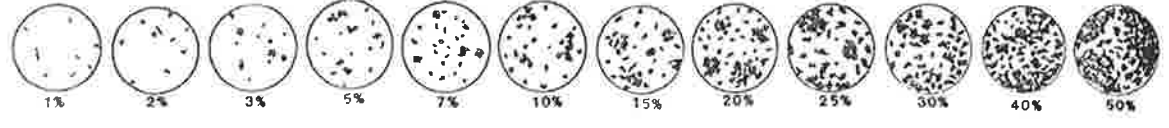
**DR-24
AS-BUILT WELL CONSTRUCTION SCHEMATIC**

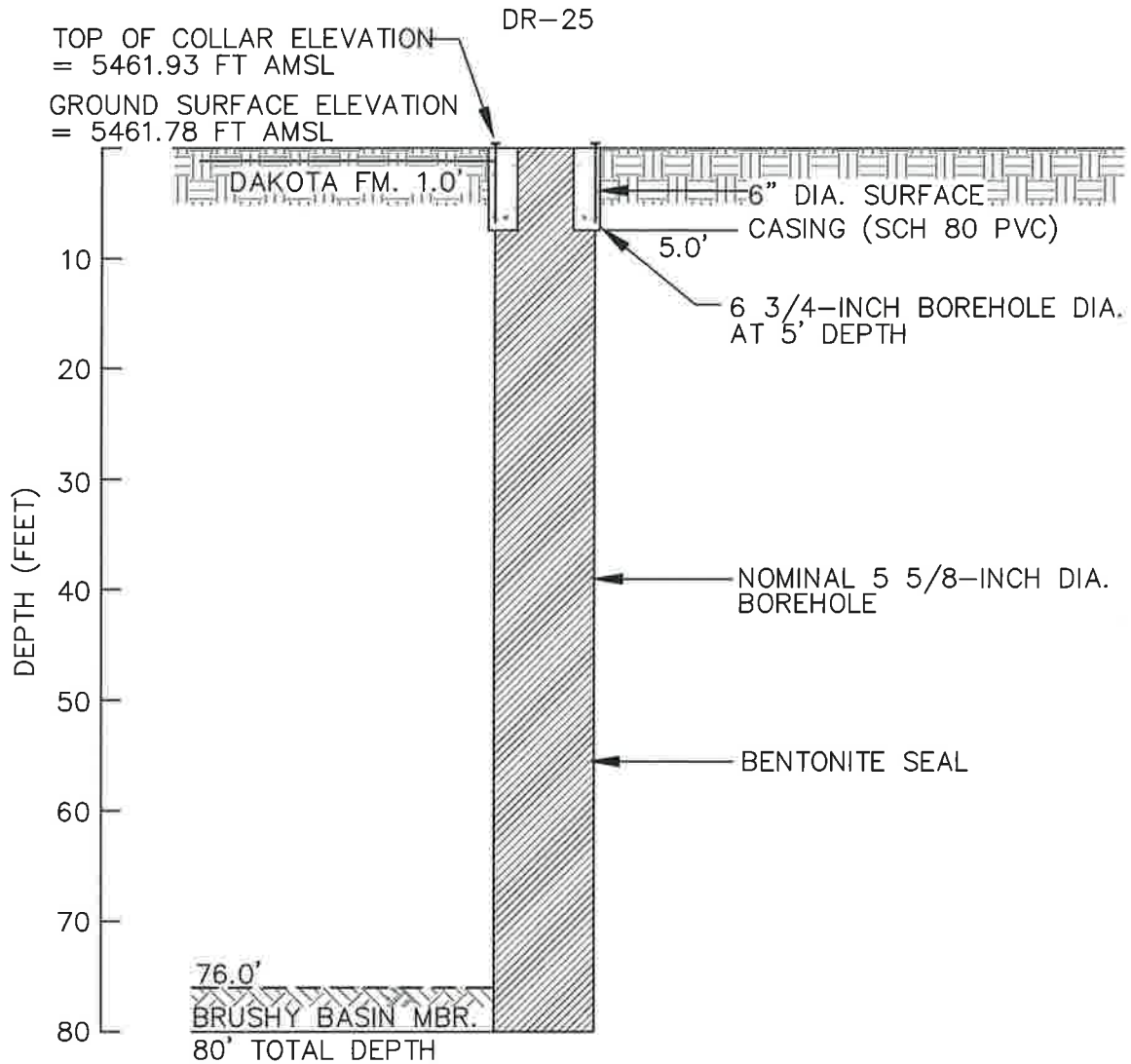
Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180269A Well Construction Diagram	

Date 3 MAY 2011 Geologist L. Casabier Drilling Co. Byrnes Exploration Inc Hole No. DR 24
 Property White Mesa Mill Project CA114B Unit No. _____ Sec. _____ Twp _____ Rge _____
 County Salt Lake State Utah Location _____ Elev. ~5461

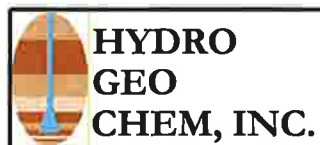
DEPTH	SAMPLE TAKEN	GRAPHIC LOG	ALTERATION	GRAIN ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR OF WET SAMPLE	GRAIN SIZE	SPRING	ANGULARITY	CEMENTATION	IRON OXIDE	ANDITE	HABIT	ALTER.	METALLIC	PYRITE	NON-METALLIC	REACT-TOW-ROI	ANDITE TYPE	CARBON	REMARKS
0																						
2.5						msst	red															Surface Soil - unconsolidated - sandy lean clay - cl.
5.0						msst	red															Surface Soil - unconsolidated - sandy lean clay - cl.
7.5						sdy sh	pktn	C-V	P	R												uncons. sh
10.0						qtz ss	gntn	M-V	F	R												Upper Tuzila Fm. Cl. & 7.5' chert pebbles & grains
12.5						qtz ss	gntn	M-V	F	A												light colored clay - frags & grains
15.0						qtz ss	gntn	M-V	F	A												" " " " "
17.5						qtz ss	gntn	F	M	R												" " " " "
20.0						qtz ss	gntn	M	C	M	A											" " " " "
22.5						qtz ss	gntn	M	W	R												" " " " "
25.0						qtz ss	gntn	M	W	R												" " " " "
27.5						qtz ss	gntn	M	C	M	R											" " " " "
30.0						qtz ss	gntn	M	C	F	A											abund white chert frags.
32.5						qtz ss	gntn	M	C	M	R											" " " " "
35.0						qtz ss	gntn	M	W	R												massive at 35.0'
37.5						qtz ss	gntn	M	W	R												" " " " "
40.0						qtz ss	gntn	M	W	R												" " " " "
42.5						qtz ss	gntn	F	W	R												" " " " "
45.0						qtz ss	gntn	F	M	R												" " " " "
47.5						qtz ss	gntn	F	C	F	A											" " " " "
50.0						qtz ss	gntn	M	V	F	A	L										" " " " "
52.5						qtz ss	gntn	M	P	F	A	L										abund light colored chert pebbles & grains
55.0						qtz ss	gntn	M	P	F	A	L										30% " " " " "
57.5						qtz ss	gntn	M	V	F	A											" " " " "
60.0						qtz ss	gntn	F	C	F	A											" " " " "
62.5						sh	gn															Briny Basin at 60.0' some pyrit chert pebbles
65.0						sh	gn															some pyrit-red chert frags.
67.5						sh	gn															" " " " "
70.0						sh	gn															some mottled outcrops
72.5						sh	gn															" " " " "
75.0						sh	gn															some red chert grains
77.5						sn	gn															" " " " "
80.0						sn	gn															T.D.
82.5																						" " " " "
85.0																						" " " " "
87.5																						" " " " "
90.0																						" " " " "
92.5																						" " " " "
95.0																						" " " " "
97.5																						" " " " "
100.0																						" " " " "
102.5																						" " " " "
105.0																						" " " " "
107.5																						" " " " "
110.0																						" " " " "
112.5																						" " " " "
115.0																						" " " " "
117.5																						" " " " "
120.0																						" " " " "
122.5																						" " " " "
125.0																						" " " " "

PERCENTAGE COMPOSITION IMAGE





NOT TO SCALE



**DR-25
WELL ABANDONMENT SCHEMATIC**

Approved	Date	Reference	Figure
SJS	1/9/12	K:\7180270A Well Construction Diagram	

Date 2 May 2011 Geologist L. Casabolt Drilling Co. Bayles Exploration, Inc. Hole No. DR 25
 Property White Mesa Well Project Call 43 Unit No. _____ Sec. _____ Twp. _____ Rge. _____
 County San Juan State Utah Location _____ Elev. 5462

DEPTH	SAMPLE TAKEN	GRANULAR LOG	ALTERNATION	GAMMA ANOMALY	BRECCIA PIPE	LITHOLOGY	COLOR	WET SAMPLE	GRAIN SIZE	SORTING	ANGULARITY	CEMENTATION	IRON OXIDE	AMOUNT	HABIT	ALTER.	METALLIC	NON-METALLIC	REACT. 10% HCL	AMOUNT	TYPE	CARBON	REMARKS
0																							
2.5						qtz ss, med	tan	m-c	m	d		L						N					Surface soil to 1 foot upon Dakota Fin (G & L)
5.0						qtz ss	orange	c-vc	m	d		L						N					30% chert frags.
7.5						qtz ss	tan	m-c	m	d								N					20% "
10.0						qtz ss	actn	m-c	m	d								N					Monkton First nodules 30% chert.
12.5						qtz ss, slyc	tan	m-pl	p	d								N					
15.0						qtz ss	tan	m-c	m	r								N					30% chert grains
17.5						qtz ss, cgl	orbn	c-pob	p	d								N					80%+ " " & pebbles
20.0						qtz ss, cgl	orbn	c-pla	p	d		L						N					90%+ " " "
22.5						qtz ss, cgl	orange	c-pla	p	d		L						N					70%+ " " "
25.0						qtz ss, cgl	orange	c-pla	p	d		L						N					90%+ " " "
27.5						qtz ss, cgl	gybn	c-pla	p	d		L						N					40%+ " " "
30.0						qtz ss, cgl	orange	c-pla	p	d								N					90%+ " " "
32.5						qtz ss, cgl	orbn	c-pla	p	d								N					70%+ " " "
35.0						qtz ss, cgl	gybn	c-pla	p	d								N					70%+ " " "
37.5						qtz ss	tan	m-w	r									N					
40.0						qtz ss	tan	f-m	m	r		L						N					
42.5						qtz ss	tan	f-m	m	r								N					
45.0						qtz ss	tan	m-w	r									N					
47.5						qtz ss	m	f-m	m	r								N					Some chert frags.
50.0						qtz ss	tan	m-w	r									N					
52.5						qtz ss	tan	m-c	f	d								N					Some of chert frags + grains
55.0						qtz ss	tan	m-vc	f	d								N					abund. " " "
57.5						qtz ss, cgl	tan	m-pl	p	d								N					30% wholy chert pebbles + frags.
60.0						qtz ss	tan	m-pl	p	d		Tr.A						N					Some " " " "
62.5						qtz ss	tan	m-w	r									N					
65.0						qtz ss, cgl	actn	m-pl	p	d								N					40% multi-colored chert pebbles, frags + grains
67.5						qtz ss, cgl	gybn	m-pl	p	d								N					80% " " " " " "
70.0						qtz ss	vltgy	m-c	f	d								N					
72.5						qtz ss	vltgy	m-w	r									N					
75.0						qtz ss	vltgy	f-m	m	r								N					Well began sandstone at 75.0'
77.5						qtz ss, cgl, sh	tan-blan	m-pl	p	d		Tr.C						N					Brown sandy chert (good contact)
80.0						sh	blan					Tr.A						N					T.D. some ppin chert pebbles
82.5																							
85.0																							
87.5																							
90.0																							
92.5																							
95.0																							
97.5																							
100.0																							
102.5																							
105.0																							
107.5																							
110.0																							
112.5																							
115.0																							
117.5																							
120.0																							
122.5																							
125.0																							

PERCENTAGE COMPOSITION IMAGE

