WESTBAY MP SYSTEM CASING INSTALLATION OG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 11-08-90 Installed by: MC/DM/MH Date Drawn: 11-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4"(casing)*

Measurement Datum: Ground Level Datum Elevation: 4512.60 (B.C.)

Depth (ft)	Geologic Description	MP Casing Log 114	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
0	0-1007' ALLUVIUM (Santa Fe Group)	113			*Westbay casing is installed inside Sch 10 4" stainless steel casing.		√
10						√	√
		112					
20						√	√
		111			all couples tested by pressurizing for 1 minute.		
30						√	√
		110					
40					all magnetic collars are placed 0.4' above the MP couple	√	√
		109					
50						√	√
		108			filter fabric used where indicated		
60						√	√
		107					
70						√	√
		106					
80						√	√
		105					
90						√	√
		104					
100						√	√

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WESTBAY MP SYSTEM
CASING INSTALLATION LOG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
110	ALLUVIUM (cont'd)						
		103					
110						√	
							√
		102					
120						√	
							√
		101					
130						√	
							√
		100					
140						√	
							√
		99					
150						√	
							√
		98					
160						√	
							√
		97					
170						√	
							√
		96					
180						√	
							√
		95					
190						√	
							√
		94					
200						√	
							√

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WESTBAY MP SYSTEM CASING INSTALLATION LOG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
200	ALLUVIUM (cont'd)	93					
210						√	√
		92					
220						√	√
		91					
230						√	√
		90					
240						√	√
		89					
250						√	√
		88					
260						√	√
		87					
270						√	√
		86					
280						√	√
		85					
290						√	√
		84					
300						√	√

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WE' TBAY MP SYSTEM
CASIN INSTALLATION _OG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
300	ALLUVIUM (cont'd)	83					
310						√	√
		82					
320						√	√
		81					
330						√	√
		80					
340						√	√
		79					
350						√	√
		78					
360						√	√
		77					
370						√	√
		76					
380						√	√
		75					
390						√	√
		74					
400						√	√

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WESTBAY MP SYSTEM
CASING INSTALLATION LOG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
400	ALLUVIUM (cont'd)						
		73					
410						✓	✓
		72					
420						✓	✓
		71					
430						✓	✓
		70					
440						✓	✓
		69					
450						✓	✓
		68					
460						✓	✓
		67					
470			5507			✓	✓
		66		ZONE 13			
480						✓	✓
		65	3072	280psi/4.4 liters		✓	✓
490		64		ZONE 12			
	Screened Interval #6 (489.67' - 499.66') in the 4" casing		5506		filter fabric	✓	✓
		63				✓	✓
500			2825				

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WE'TBAY MP SYSTEM
CASIN INSTALLATION _OG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
500	ALLUVIUM (cont'd)	62		ZONE 12			
		61	3073	285/4.3			
510		60					
520		59					
530		58					
540		57	5508				
550		56		ZONE 11			
560		55					
570		54					
580		53	3074	275/4.4			
590	Screened Interval #5 (589.82' - 599.81')	52	5356	ZONE 10	filter fabric		
		51					
600		0	2823				

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WESTBAY MP SYSTEM CASING INSTALLATION LOG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
600	ALLUVIUM (cont'd)	0	2823	ZONE 10		√	
		50					√
		49	3063	280/4.3		√	
610							√
		48					
620						√	
		47					√
630						√	
		46					√
640						√	
		45					√
650			5357	ZONE 9		√	
		44					√
660						√	
		43					√
670						√	
		42					√
680						√	
		41					√
690						√	
		40					√
700						√	

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WESTBAY MP SYSTEM
CASING INSTALLATION LOG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
700			3224				
	ALLUVIUM (cont'd)	39		280/4.3		√	√
710	Screened Interval #4 (709.93' - 719.91')	38		ZONE 8	filter fabric	√	√
			5358				
		37				√	√
720			2826				
		36				√	√
		35	3218	280/4.3		√	√
730							
		34					
740						√	√
		33					
750			5359	ZONE 7		√	√
		32					
760						√	√
		31					
770						√	√
		30					
780						√	√
		29	3225	270/4.2		√	√
790	Screened Interval #3 (789.98' - 799.97')	28		ZONE 6		√	√
			5360		filter fabric		
		27				√	√
800			2822				

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

WESTBAY MP SYSTEM
CASING INSTALLATION LOG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
800	ALLUVIUM (cont'd)	26	2822	ZONE 6		√	
810		25	3075	290/3.7		√	√
820		24				√	√
830		23				√	√
840		22	5361	ZONE 5		√	√
850		21				√	√
860		20				√	√
870		19				√	√
880		18				√	√
890	Screened Interval #2 (890.06' - 900.04')	17	3076	280/4.3		√	√
		16	5362	ZONE 4	filter fabric	√	√
900		15	2828			√	√

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WESTBAY MP SYSTEM
CASING INSTALLATION LOG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 10-08-90 Installed by: MC/DM/MH Date Drawn: 05-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
900	ALLUVIUM (cont'd)	14	2828	ZONE 4		√	
		13	3219	290/3.7		√	√
910							√
		12					
920						√	
							√
		11					
930						√	
							√
		10					
940			5364	ZONE 3		√	
							√
		9					
950						√	
							√
		8					
960						√	
							√
		7					
970						√	
		6	3212	290/4.1		√	√
980		5					√
	Screened Interval #1 (980.13' - 990.12')		5363		filter fabric	√	
		4					√
990			2820			√	
		3					√
		2	3223	290/4.1		√	√
1000			5365				√

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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WESTBAY MP SYSTEM
CASING INSTALLATION LOG

Project: NASA-WSTF Hole No: PL-5 Location: PRIVATE LAND SECTION

Date Installed: 11-08-90 Installed by: MC/DM/MH Date Drawn: 11-30-90

Hole Depth: 1023.0' MP Depth: 1005.0' Hole Diameter: 4" (casing)

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
1000		1	5365			√	
	1007'-TD				Bottom of 4"		√
1010	ANDESITE (Orejon)				casing (1010')		
1020	TD Borehole = 1023'						
1030							
1040							
1050							
1060							
1070							
1080							
1090							
1100							

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

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