		CHW			Geological Survey Lithologic Log	Page of <u> / 0</u>
	Well Locat	ion:	OW SPEE	nys Ro	m NAD 83 4287	1 + 21 4
						N R E W, SLBM USM
	Start Date	1-13-W	77 Comple	etion Date <u>/</u> -	-1 1 - 2014 Driller USE	is western disorth
	Drilling Me	thod:	AII	1 /	from to from <u>/00</u> to <u>\$80</u>	Total Depth 880
4	& Sand	1 A	17 4 4	bam	from /00 to to	Static Water Level
	ι				from to	Water Level Date 1-18-20/2
	Scieen	L B 860	-880'	Schen	A 670-690	Measured From
	Diameter	81/2 77/6'	from <u>20 °</u> from <u>100 °</u>	to <u>880</u>		from 0 to $20'$ blank from 0 to $670'$ blank from 0 to $860'$ tion: $4349.55'$
	Type & Diameter	Scroen	<i>B</i>	_from	to Logged By: _	Jany Hunt
			<i>,</i>	Oth		
	DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOG	Y DESCRIPTION
	5	Allu U, Lour	12/4" 500 70 100 100 100 100 100 100 100 100 10	Lothon Cossi	10	red mud- Red mud- 2 White
પ			,	-S. 5.		

į.,

Well ID:	CHW1			Page <u>2</u> of <u>10</u>
DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
55 — 60 —			*	white Sandstone (Sait wash) wet S.S. (monto) Saft Wash Mb.
65 —	70 10 37			Sandstone (Making Water)
-				Clay-Silt-Sand
70 — - - -			**************************************	
75 -				
80 -	advisor.		The second secon	`
85				+ Found for dust
90	and the second s			- Count
95 —			***************************************	Making H20 + from
100 —			77/0	1-14-2012 (1:00 P.m)
105 —			6i+	,
110 —				Red and stone
	Burning (Armanistikle) Wasserfright grown and the state of the state			(Morrison fm)
115 —				,
120	meginentegen	. *		
125 — 				
130				
135 —				- 130' @ 1:35 PM.
140		N. Saraji		1,50 Pim.
145				
		•		'

1)				البختصر	
garant.	Well ID:	CHW1			Page <u>3</u> of <u>10</u>
ı	DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
	155				Symmerville m6 of Morrison
ı	165 —				
	170 _				
	175 —				
	180 —				
	185 —				District to
	190 —			-	-Gropphysical Contact - making move wester 3:13 P.m.
	195			7 1/0"	white s.s. (Moab mb) of Entrada
	200			, ,	(Moal mb)
	205				11
	210				
	215		3		
	220		A .		
	225 <u>-</u>				
	230 =			2000	
	235 —				
	240		The state of the s		
	245			į	
	7			***************************************	

Well ID: _	CHW 1		······································	Page <u>4</u> of <u>10</u>
DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
255 — 260 — 265 —				Mont mb of Entrada S.S.
270				
275		i		
280				-9:40 Am 1-15-2012 Moab mb
285	<u>:</u> (× / ×	Moab mb
290 -				
295 — —				
300 -		:		
305		***************************************		· ·
310 =				
315	1 4 8	 -		Redder S.S. - Slick Rock mb? 10:35
320	**************************************	aman and an		10:35 1-15-2012
325				dark red Sandstone
330		Anna Anna Anna Anna Anna Anna Anna Anna		Levi & 27016
335	-			
340				
345			7.77.79.79.79.79.79.79.79.79.79.79.79.79	-0.89 EC 11:32 A.M.

Well ID: _	CHW1			Page <u>5</u> of <u>10</u>
DEPTH .	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
355 -			/ //	Red Sandston (Slick Rock mb) - (0.96 EC) 11:43 A.M 1215-2012
360 -			7 7/8"	1-15-2012
365 — - - - 370 —				·
375				
380 -	TECHNOLOGY		1	
385 — - - - 390 —				•
390 — - - - - 395 —				
400 -				
405 —				
410		7 00000	- more	
415				
425		T TY WOODS	Tanks	
430				-dark red Sand Shore Z:00 P.
435				-dark red Send Shone z:00 Pm Slick Rock Mb Entrada
445	3	-		- Pulling all drill pipe @ 2:30 P

Well ID: _	CHW1			Page <u>€</u> of <u>1</u> ∂
DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
455 —		y		
460 -			up	- and of 1-15-242 5:00 P.M.
465 — - - - - 470 —			10:10 Am	- Red Sandstone Slick Rock of Entrada
475 —			- 10:20 A.M	
480 —			-10:45 A.m	4
490 —			TU, 73 M.M.	
495 -				
500 -		-7%"	-11:05 A.M	- Slick Pock Mb.
510				
515			-11:30 A,m	
520 -		0.83	-12:05Am	
530			,	
535	~			
540 —			-12:33 P.M.	
545			12:49 Pm	-17-:56

.

EPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
		77/8"		fine grain Silty Sandstone, red, Slick Rock of Edwards
		1 18	- 1:03 P.M.	Time grain string sandstone
555 —		1		Ted, Slick ROCK of Entrude
=	,			With the contract to the contr
560 —		Ross	-1:11 P.m.	
=				
565			-1:35 P.M.	
=				
570				and a second sec
=			11.100	
575 —		-	-1:49 Pm	
= =			bient ing	
580 —			3:15 Pm	
=		Zertream		
585				
=			****	
590				
330			3:30 r.m	
-				
595 —	· · · · · ·	mar ^a	-3:37Pm	
600		مهى هي	-3,46 Bm	
=				
605 —			-4:07:3m	
3				
610			-4:15	
=				
615			.4:23	
620			4:31	
=		B	199	
625 —			4:51	
<i>#</i> =				
630 —		5	*	
=				
635 —			-5004	
=			2,01	
640			-5:4	
_			The same	A Company of the Comp
645			-5,32	
645 —		100	275 -	

	Well ID:	CHW1			Page <u>8</u> of <u>10</u>
;	DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
	655			in the	hiver shit Keck.
The second second	660 —		1.	GARRIN FINA	10:00 AM Agrit -212-364
•	665		77/8"	1:211 A 10	
	670 — - - -		₩.	10:20 A.M	"
	675			-10:30 A.M	
	680 -			-10:40 AM	/1
	685			-11:00 A.M	
	690 —			-11:10 Am	" slick Pock mb.
	695 — — — — 700 —				
	700 - - - 705		•	-11:30 A.m	11 more white 5.5.
	710 —			-12:04 Pm	" highter Colored S.S. (Alteration Zone?)
	715 —			12.09 f.m	more grey sh (light colored) Send stone
	720		77.811	- 12:15 P.m	Geophy Sical 109 & 921
	725			12:32 Pim	back to dark red 5.5.
	730 <u>-</u> 				into Dewey Bridge mb.
	735 — -	The second of th			
	740 — - - -			الادني	
	745 —		-	1:17 P.M	muddy red S.S. (Cher4)

Well ID: _	CHW1			Page <u>9</u> of <u>10</u>
DEPTH	LITHOLOGY	WELL DIAGRAM	DRÎLLING INFO	LITHOLOGY DESCRIPTION
755		77/8"	1:25 P.M	Sparse White Chart
760 —		4	1:40 P.m	Dewey Bridge Mb. muskly red S.S. (W/chert)
765	ing in the second of the secon			
770 —				muddy ved S.S. + gray S.S. 11
775 —				+ gray 5.5. 11 + gray 5.5. 11
780	Marine American			+ red 5.5. 11 (muddy)
785 —	<u> </u>			meddy red 55.
790 —		•	3:04 P.M.	l
795		د	- 3:11 Pina	
800 —		-	3;20Pm	"- Deway Bridge Mb.
805 —				Meddy ved & gray 5,5.
810 —			5:56 Pm	
815 — -			-4:03 Pm	1/
820 <u> </u>	The state of the s	•	4:13Pm	<i>1</i> /
825				,
830			4:44f.m	4 gray S.S.
835		· **	4:51 Pm	-Red Sis. Dewey Bridge my
840 — — — —	The second secon	•	4:57 pm	- Goodhysical Navajo @ 840' Navajo? + White 5.5
845 —		×	5:21	- Navay O / A White

6-30

DEPTH LITHOLOGY DIAGRAM DIAGRAM NOW STATE OF STA	
860 865 870 875 880 -5:35 Rm Navejo 85. -5:58 IVavejo 6:04 6:17 T.D. 35 Into Navejo 885 890 900 905	
-5:35 Rm Navejo 55, 865 870 870 875 880 -5:58 1 Vavejo 6:04 1/ -6:17 T.D. 35) into Navego 885 900 905	
865 865 870 870 870 870 880 -5:35 Rm Navejo SS. 1 Vavajo 1/ 6:04 1/ 6:10 1/ 7. D. 35) into Navego 885 890 896 900 905	
865 870 875 886 -5:58 1 Varajo 11 -6:10 11 -6:17 T.D. 35 Into Narg 885 890 900 906 910	
875 - 40:04 W 880 - 40:17 T.D. 35 Into Navay 885 - 900 - 905 - 910 - 9	
875 - 4004 W 880 - 4007 T.D. 35 Into Navay 885 - 900 - 900 - 900	
875 - 6:04 W 880 - 7. D. 35 Into Nava, 885 - 890 - 900 - 905 - 910 - 9	
880	
885	
885 — 890 — 895 — 900 — 905 — 910 —	
885	
885	10
890 — 895 — 900 — 905 — 910 —	
890 — 895 — 900 — 905 — 910 —	
895 — 900 — 905 — 910 —	
900 - 905 - 910 - 9	
905 — 910 — — —	
905 — 910 — — —	
910 —	
910 —	
915 —	
920	
925 —	
930 —	
935 —	
940 —	
945 —	

UGS Courthouse Wash Well Completion Plan

