Project - Hole:	Thermex 22-2		Date: 9/30-	-10/3/83
				8/21/83
County, State:_	Millard, UT	D	ay #:	
				drew Well Drilling
Geologist:			Rig.: Cabl	e tool
Drilled 222'	toto239'			hurn
Footage Cut	17'		Temp: In	Out
			Wt	
Dev. Survey	0	<u>*</u>	Vis	
Casing			Ph	
Report:	9/30: 222-226	Gray fractured		rown clay in seams. Hac
		to backfill an	d redrill.	
	10/1: 226-230'	Gray basalts (hard brown fi	ractures with clay).
	10/2: 230-235'	Gray basalts-b	reaking weld	on bit.
	10/3: 235-239'	Gray basalts.	. 1 · · · · · · · · · · · · · · · · · ·	·
	20" hole - no wat	er encountered.		
	20" casing - 183'			
				:
Well History			<u>E</u> x	penditures
Interval		sing	Tot	al to date
0-20' 0-107:	30"		Pro	jected
0-177'	20"		Cos	t/Ft
		· · · · · · · · · · · · · · · · · · ·		lgeted
				

Project - H	ole:_	Thermex	22-2	Date:1 <u>0/4</u>	-10/10/83
Location: N	<u> </u>	f <u>NW</u> Sec.	2 T 26S R 7	W Spud Date:	8/21/83
County, Sta	te:	Millard, Ul		Day #:	
Prog. Depth	:40	00'		Contractor: And	drew Well Drilling
Geologist:_		Deymonaz		Rig.: Cablo	e tool rus-Erie 36-L
Drilled	239	to_	295 '	Mud/Air/ <u>cl</u>	nurn
Footage Cut	. 5	6'		Temp: In	Out
Hole Size		20"		Wt	
Dev. Survey	, 		·	Vis	
Casing 30"	0-20	; 24" 0-106.	.5'; 16" 0-295'	Ph	
Report:	10/4	239-248' 1	nard gray rock		
	10/5	248-281 ' H	lard gray rock 248	3-258, clay and lo	ose rock 258-265, brown
			sandstone 265-281.		
	10/6	281-295' F	irm brown rock (w	welded tuff)	
	10/7	Run 16" cas	sing to 220'		
	10/8	Set 16" cas	sing to 295'; ceme	ent with 8 yds sar	d mix, begin pulling 20
	10/9	casing. Remove 20"	casing, cement wi	th 25 yds cement.	
	10/10	Rig down,	release rig.		
	_				:
Well Histor	<u>y</u>				
Interval		Hole Size	Casing	 -	penditures
		,		Tot	al to date 106,000
9-64 ' 64-177 '		30" 24"	30" 24" (0-106.5		jected
77-295		20"	16" (0-295')		t/Ft
				Bud	geted

Project - Hole	: Thermex 22-2		Date:11/1/8	33
Location: NW 1/	4 of NW 1/4 Sec. 2	2 T 26S R	7W Spud Date:	
County, State:	Millard, L	JT	Day #:	
Prog. Depth:	4,000'	<u> </u>	Contractor:Stev	wart Bros.
Geologist:	Deymonaz/Huntsma	in	Rig.: Failing	2500
Drilled	295 to	295	Mud/Air/	
Footage Cut	0		Temp: In	Out
Hole Size			Wt	
Dev. Survey	0		Vis	
Casing			Ph	
Bits, stabs, e	tc. & ser. #			
Lithology				
Additional Rep	ort <u>Rig</u> r	moved to locati	on at 1:30p, began	setting up, built
	cel	lar, dig pits.		
Well History			_	141
Interval	Hole Size	Casing		nditures
0- 64	30"	30"(0-20')		to date
64-177 177-295	24" 20"	24" (0-106.5 16" (0-295')	•	
			Cost/I	
			Budge ^s	ted

Project - Hole	: Inermex 22-2		Date:II/2	<i>7</i> 83
Location: NW 1/	4ofNW 1/4Sec	2 T 26S R	7W Spud Date:	
County, State:	Millard,	UT	Day #:	
Prog. Depth:	4,000'		Contractor:Ste	ewart Bros.
Geologist:	Deymonaz/Huntsm	ian	Rig.: Failing	g 2500
Drilled	295 to	295	Mud/Air/	
Footage Cut	0		Temp: In	Out
Hole Size			Wt	
Dev. Survey	@		Vis	
Casing			Ph	
Bits, stabs, e	tc. & ser. #			
Lithology				
Additional Rep	ort <u>Setting up</u>	nig, install w	vellhead flange to b	nang 8 5/8" casing
			ge.	_
- · · · - · · · · · · · · · · · · · · ·				
Well History			F	
Interval	Hole Size	Casing		enditures
0- 64	30"	30"(0-20')		to date
64-177 177-295	24"	24" (0-106.5 16" (0-295')	•	ected
			Cost	
			Budge	eted

Project - Hole	: Thermex 22-2		Date: <u>11/</u> 3/	83
Location: NW 1/	4 of NW 1/4 Sec.	2 T 26S R	7W Spud Date:	
County, State:	Millard,	UT	Day #:	
Prog. Depth:	4,000'		Contractor: Ste	wart Bros.
Geologist:	Deymonaz/Huntsm	an	Rig.:_Failing	2500
Drilled	295 to	295	Mud/Air/	
Footage Cut	0		Temp: In	Out
Hole Size			Wt	·
Dev. Survey			Vis	
Casing			Ph	
Bits, stabs, e	tc. & ser. #			
Lithology		····		
Additional Rep	ort Unable to	engage packer.	pull casing, modify	packer springs.
run casing,	packer finally	engaged at 4p	<u>after several attem</u>	ots. Installed
wellhead fl	ange and BOP ed	uipment.		
Well History				
Interval	Hole Size	Casing		nditures
0- 64	30"	30"(0-20')		to date
64-177 177-295	24" 20"	24" (0-106.5 16" (0-295')		cted
		8 5/8"		ft
			Budge [*]	ted

the second second

Project - Hole	: Thermex 22-2	Date: <u>11/</u>	Date: 11/4/83		
County, State:	Millard,	UT	_Day #:		
Prog. Depth:	4,000'		_Contractor:_S	tewart Bros.	
				ng 2500	
Drilled	295' to	913'	Mud/Air/_foa	m injection	
		·		Out	
Hole Size	6 3/4"		Wt		
and drill 2	295-913 feet, pe	netration 80-150	ft/hr. First w	RIH with 6 3/4" hammer ater at 450 ft., 150 gpm g rock bit.	
Well History Interval	Hole Size	Casing	 -	penditures al to date	

Project - Hole	Thermex 22-2		Date:	11/ 5/83	
		2 T 265 R			
County, State:	Millard,	UT	Day #:		
Geologist:[Deymonaz/Huntsm	an	Rig.:!	Failing 25	00
Drilled91	3' to_	1390'	Mud/Air,	aeria	ted
Footage Cut 4	77'		_ Temp: I	1 58 ⁰ F	O ut 89 ⁰ F
Hole Size	6 1/2"		Wt 8.3	-9.5	
Casing			Ph	6.2	<u> </u>
Bits, stabs, e	tc. & ser. #_E/	2436, Smith 6 1	/2 journal		
	;	with olivine bas			
•					below 1,150',
					Condition hole
			<u></u>		
			<u>. * • • • • • • • • • • • • • • • • • • </u>		
Well History					
Interval	Hole Size	Casing		Expendit	tures
0- 64	30"	30"(0-20')		Total to	date
64-177 177-295	24"	24" (0-106.5') 16" (0-295'))	Projecte	d
913-1390'	6 1/2"	8 5/8"		Cost/Ft_	
313-1390	0 1/2"			Budgeted	

Project - Hole: Thermex 22-2	Date: 11/6/83	
Location: NW 1/4 of NW 1/4 Sec. 2 T 26S	R 7W Spud Date:	
County, State: Millard, UT	Day #:	_
Prog. Depth: 4,000'	Contractor: Stewart Bros.	_
Geologist: Deymonaz/Huntsman	Rig.: Failing 2500	
Drilled 1390' to 1448'	Mud/Air/ aeriated	
Footage Cut 68'	Temp: In 59°F Out 90°F	
Hole Size 6 1/2"	Wt 9.3	
Dev. Survey @	Vis 80	
Casing	Ph 6.0	
Bits, stabs, etc. & ser. # EA 2436, Sm	ith 6 1/2" journal	
Lithology Rhyolitic tuffs and basalts (c	dikes?)	
Additional Report RIH to clean hole, no	returns, washed and drilled to 1,418,	
unable to make connection. Pump heavy r	mud and condition hole, POH, wait on	
cement. Halliburton arrived at 9:30p,	set first plug at 1,448' at 11:30p using	
20 ft. 3 of cement, pull drill pipe back	to 1,240 WOC. Penetration 30'/hr.	
Well History		
Interval Hole Size Casing	Expenditures	
0- 64 30" 30"(0-20"		-
177-295 20" 16" (0-29		-
295-913 <u>6 3/4"</u>	Cost/Ft	-
913-1,448 6 1/2"	Budgeted	-

Project - Hol	e: Inermex 22-2		Date:11/7/83	
Location: NW 1	/4 of NW 1/4 Sec	2 T 26S R	7W Spud Date:	
County, State	: Millard,	UT	Day #:	
Prog. Depth:_	4,000		Contractor: Stewar	rt Bros.
Geologist:	Deymonaz/Huntsm	nan .	Rig.: Failing 2	500
Drilled 1448	3'to	1585'	Mud/Air/	
Footage Cut	97'		Temp: In 55°F	0 ut_ 97 ⁰ F
Hole Size6	1/2"		Wt_NR	
Dev. Survey			VisNR	
Casing			Ph <u>NR</u>	
Bits, stabs,	etc. & ser. #	Smith 6 1/2" jo	urnal	· · · · · · · · · · · · · · · · · · ·
Lithology				
	•		am., drill to 1,450', head rubber, repairs	
			a.m. Have returns b	
	Penetration 20-			
				
				······································
				
				
Well History				
Interval	Hole Size	Casing	Expendi	 -
0- 64	30"	30"(0-20')	Total to	date 75,709
64-177 177-295	24"	24" (0-106.5' 16" (0-295')) Projecte	ed
295-913	6 3/4"	8 578"(0-275'	Cost/Ft_	58.69
913- 1585	6 1/2"		Budgeted	207,236.

Project - Hole	: Thermex 22-2		Date:	11/9/83	
Location: NW 1/	4 of NW 1/4 Sec	2 T 26S R 7	W Spud Dat	e:	-4-83
County, State:	Millard,	UT	Day #:	6	
Prog. Depth:_	4,000) 	_Contractor	: Stewart	Bros.
Geologist:	Deymonaz/Hunts	nan .	Rig.:F	ailing 250	0
Drilled	2214' to	2690	Mud/Air/	aeriate	od
Footage Cut	476'		Temp: In	80 ⁰ F	Out 1020F
Hole Size	6 1/2"		Wt	9.0	
				33	
Casing			Ph	9.0	
		nge bit at 1560, R			
Mell History Interval 0-64 64-177 177-295	Hole Size 30" 24" 20"	Casing 30"(0-20') 24" (0-106.5') 16" (0-295') 8 578"(0-275')		Expendit	date101,715.
295-913 913- 2214	6 3/4" 6 1/2"			B udgeted_	207,236.