roject - Hole: Thermex 22-2	Date:11/ 12	
cation: NW 1/4 of NW 1/4 Sec. 2	T 26S R 7W Spud Date:	11-4-83
unty, State: Millard, UT	Day #:	
og. Depth: 4,000'	Contractor: Ste	wart Bros.
eologist: Deymonaz/Huntsman	Rig.:_Failing	2500
rilled 4,000 TD to	Mud/Air/	
ootage Cut		Out
ole Size	***	
ev. Survey 0		
asing		
ithology	ill pipe and removed rotating le and started rigging down. S	hoad and BOPE. upply company's
ithology	ill pipe and removed rotating le and started rigging down. S	hoad and BOPE. upply company's
ithology	ill pipe and removed rotating le and started rigging down. S	hoad and BOPE. upply company's
ithologydditional Report_ Broke down dri Pulled 8 5/8" casing out of hol notified to pick up equipment.	ill pipe and removed rotating le and started rigging down. S	hoad and BOPE. upply company's
ithology	ill pipe and removed rotating le and started rigging down. S	hoad and BOPE. upply company's
ithologydditional Report_Broke down dri Pulled 8 5/8" casing out of hol notified to pick up equipment. area backfilled.	11 pipe and removed rotating Te and started rigging down. S Well has been capped with a 2	hoad and BOPE. upply company's
ithologydditional Report_ Broke down dri Pulled 8 5/8" casing out of hol notified to pick up equipment. area backfilled.	Il pipe and removed rotating e and started rigging down. S Well has been capped with a 2	head and BOPE. upply company's " gate valve and
ithology	Il pipe and removed rotating le and started rigging down. S Well has been capped with a 2 Casing Tota 30"(0-20')	head and BOPE. upply company's " gate valve and enditures
notified to pick up equipment. area backfilled. Well History Interval Hole Size	Il pipe and removed rotating le and started rigging down. S Well has been capped with a 2 Casing 30"(0-20') 24" (0-106.5') 76" (0-295')	mend and BOPE. upply company's " gate valve and enditures 1 to date 159,967.

(4)

Date: 11/ 13/83
7W Spud Date: 11-4-83
Day #:
Contractor: Stewart Bros.
Rig.: Failing 2500
Mud/Air/ mud and aeriated mud
Temp: In 94°F Out 104°F
Wt 9.3
Vis 33 up to 50
Ph 8.6
h F-4 journal (in at 3580')
a m , circulated heavy muds for 3 hours drill pipe until noon. POH and started temperature and gamma going into hole & ran a and calipers coming out. Second survey was d not get tool past 740'. TIH with 1,000' way to 1,000' so second survey was called off

oject - Hole: Ther	mex 22-2		Date:	1712/83	
cation: NW 1/4 of NW	1/4Sec2	T 265 R	7W Spud Date:	1]-4	1-83
ounty, State:	Millard, UT		Day #:9		
og. Depth:			Contractor:_	Stewart B	ros.
eologist: Deymor			Rig.: Fa	iling 2500	
			44 11821	mud and	ain
rilled3580'	to	3945	Mud/Air/_		
ootage Cut365'					O ut 103 ⁰ F
ole Size6.5				<u> </u>	-
ev. Survey		<u> </u>	Vis31		-
its, stabs, etc. &			Ph9		_
to 3 to 6 min. pe	1 1000.				
				·- <u></u>	
Well History				Expendit	ures
Interval H	lole Size	Casing			date
0- 64	30" 24"	30"(0-20') 24" (0-106	5')		
64-177 177-295	20"	16" (0-295 8 578"(0-27	iš '	•	
295-913	6 3/4"	0 3/0 (0-2/			
913-3945	6 1/2"			annac ren"	

oject - Hole: Thermex 22-2 cation: NW 1/4 of NW 1/4 Sec. 2 T 265 R		
38710N: MM 17401MM 17436C	7W Spud Date:1	1/4/83
inty State: Millard, UT	Day #:8	
og. Depth: 4,000'	Contractor: Stewar	t Bros.
ologist: Deymonaz/Huntsman	Rig.: Failing 25	00
illed3312' to3580' otage Cut6.5	Mud/Air/ mud & 3	
otage Cut	Temp: In 93 ⁰ F	
le Size6.5		
v. Survey 9	Vis_34	
sing	Ph <u>9</u>	
(from bottom of casing) is obstructing and then ran temperature survey through		
and then ran temperature survey through	drill pipe until end of	
and then ran temperature survey through	drill pipe until end of	shift.
and then ran temperature survey through Mell History Interval Hole Size Casing 0-64 30" 30"(0-20)	drill pipe until end of Expend	shift.
Mell History Interval Hole Size Casing	Expendence of the control of the con	ditures to date

oject - Hole:_	nermex 22-2					
cation: NW 1/4o	fNW 1/4 Sec. 2	T 265 R	7W Spud Da	te:_	11/	4/83
- untv. State:	Millard, UT		Day #:	7		
na. Depth:	4,000'		Contracto)r:	Stewart	Bros.
ologist: De	ymonaz/Huntsmar	١		Fail	ing 2500	<u> </u>
		t				aeriated mud
illed	to3			' In	93 ⁰ F	O ut 104 ⁰ F
	622 '		_			
	6.5				<u></u>	
v. Survey	0					
ising			Ph9)		
thology	Dark gray ashfa	all tuff				
ithology	Dark gray ashfa	all tuff				
ithology	Dark gray ashfa	all tuff				
ithology	Dark gray ashfa	all tuff				
ithology	Dark gray ashfa	all tuff ad with a per				inutes per fo
ithologydditional Repo	Dark gray ashfa	all tuff ad with a per	netration rate	e of	1 to 4 m	inutes per fo
ithologydditional Repo fell History Interval O- 64	Dark gray ashfart Drilling ahea	all tuff ad with a per	netration rate	e of	1 to 4 m Expendit	inutes per fo
ithologydditional Repo	Dark gray ashfa	Casing	etration rate	e of	I to 4 m Expendit Total to Projecte	inutes per fo

Project - Hole: Thermex 22-2	Date:11/ 9/83
	S R 7W Spud Date: 11-4-83
County, State: Millard, UT	Day #:6
Prog. Depth: 4,000'	Contractor: Stewart Bros.
Geologist: Deymonaz/Huntsman	Rig.: Failing 2500
Drilled 2214' to 2690' Footage Cut 476'	Mud/Air/ <u>aeriated</u> Temp: In 80°F Out 102°F
Hole Size 6 1/2"	
Dev. Survey @	
Casing	
Additional Report POH, change bit a 15-60'/hr.	t 1560, RIH drilling ahead, penetration
Wall History	Today: 14,516.
Mell History Interval Hole Size Casin	Expenditures 101 715
Tileti da.	-20')
64-177 <u>24"</u> 24" (16" (0-106.5') Projected
295-913 6 3/4" 913-2214 6 1/2"	Cost/Ft 42.47 Budgeted 207,236.

Project - Hole:_	Thermex 22-2		Date:	11/ 8/83	
Location: NW 1/4	fNW 1/4Sec. 2	T 26S R 7	W_Spud Date	Phase II	11-4-83
County, State:	Millard, U	Γ	_Day #:	5	
Prog. Depth:	4,000'		_Contractor	Stewart	Bros.
Geologist: De	ymonaz/Huntsma	<u>n</u>	Rig.:F	ailing 2500)
Drilled 154	5' to 2	2214'			
Footage Cut	669'		_ Temp: In	82 ⁰ F	O ut_106 ⁰ F
			Ω 7		
Dev. Survey					·
Casing			Ph	7.0	
Well History Interval	Hole Size	Casing		Toda Expendi	tures
0- 64 64-177 177-295	30" 24" 20"	30"(0-20') 24" (0-106.5 16" (0-295')	!)	Projecte	date <u>87,199.</u>

Project - Hole: Thermex 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: Stewart Bros.
Geologist: Deymonaz/Huntsman	Rig.: Failing 2500
Drilled 1448' to 1	585' Mud/Air/
Footage Cut 97'	Temp: In 55°F Out 97°F
	Wt_NR
Dev. Survey 6	
Casing	_,
	ith 6 1/2" journal
•	
Lithology	4 4 0 L 21 4 2 7 4501 and annual
Additional Report WOC, RIH, tag	cement at 3 am., drill to 1,450', set second
	ahead at 3:30 a.m. Have returns but high
fluid loss. Penetration 20-84'.	
Tiula loss. Pelletration 20-04	/111 •
Well History	Expenditur <u>es</u>
	Casing Total to date 75,709
0- 64	30"(0-20')
64-177 177-295 20"	24" (0-106.5') Projected
177-233	8 5/8"(0-275') Cost/Ft_ 58.69
295-913 6 3/4" 913-1585 6 1/2"	Budgeted 207,236.

(Marie) in

Project - Hole:	Thermex 22-2		Date:	
		T 26S R 7	W Spud Date:	· · · · · · · · · · · · · · · · · · ·
County, State:_	Millard, U		Day #:	
Prog. Depth:	4,000'		_Contractor:Stewar	t Bros.
Geologist: Do			Rig.: Failing 25	00
Drilled 1390)'to		Mud/Air/ aeria	
Footage Cut	68'		Temp: In 59°F	Out_90 ⁰ F
Hole Size	6 1/2"		Wt 9.3	
Dev. Survey			Vis_80	·
Casing			Ph <u>6.0</u>	
			1/2" journal	
		l basalts (dikes		
-			rns, washed and drill	ed to 1,418,
			nd condition hole, PC	
			irst plug at 1,448' a	
20 ft. of cer	ment, pull drill	pipe back to I	,240 WOC. Penetratio	on 30 /nr.
Well History			P. m. a. a. d	£\$
Interval	Hole Size	Casing	Expend	
0- 64	30"	30"(0-20')		o date
64-177 177-295	24" 20"	24" (0-106.5' 16" (0-295')) Project	ed
		8 5/8"	•	
295-913 913-1,448	6 3/4" 6 1/2"		Budgete	d

Project - Hole: Thermex 22-2	Date:11 <i>£</i> /83
•	R 7W Spud Date:
County, State: Millard, UT	Day #:
Prog. Depth: 4,000'	Contractor: Stewart Bros.
Geologist: Deymonaz/Huntsman	Rig.: Failing 2500
Drilled 913' to 1390'	Mud/Air/ aeriated
Footage Cut477'	Temp: In 58 ⁰ F Out 89 ⁰ F
Hole Size 6 1/2"	Wt 8.3-9.5
Dev. Survey @	Vis 31-80
Casing	- : 6.2
Bits, stabs, etc. & ser. # EA 2436, Sm	
Lithology Rhyolitic tuffs with oliv	
	th aeriated mud, hole caving below 1,150',
	1,390', stuck pipe briefly. Condition hole
with heavy mud, POH. Penetration 38	-92 /nr.
Well History	<u>Expenditures</u>
Interval Hole Size Casing	
0- 64 30" 30"(0-	20')
177-295 20" 16" (0	[-295') Seed (54
913-1390' 6 1/2"	
	Budgeted

Project - Hole: Therm	ex 22-2	Date: 11/4/83	
Location: NW 1/4 of NW 1	/4Sec. 2 T 26S R	7W Spud Date:	
County, State: M	illard, UT	Day #:	
Prog. Depth:	4,000'	Contractor: Stewart	t Bros.
Geologist: Deymona	z/Huntsman	Rig.: Failing 250	00
Drilled 295'	to913'	Mud/Air/ foam inj	ection
Footage Cut 618	3'	Temp: In	Out
Hole Size	6 3/4"	Wt	
	0		
20 minutes each. Nipple up rotatin and drill 295-913	Complete rigging up BO Ward Wagstaff from Utg head, finish blewie feet, penetration 80-	P & test blind and pipe ah Div. of Water Resourd line installation. RIH 150 ft/hr. First water e to journal hearing rod	rams to 200psi for es observed test. with 6 3/4" hammer at 450 ft., 150 gpr
0- 64 64-177 177-295	e Size Casing 30"	.5') Projecto	o date

Project - Hole:	Thermex 22-2	- 	Date:11/3	783
				
Prog. Depth:	4,000'		Contractor: Sto	ewart Bros.
Geologist: D	eymonaz/Huntsma	n ·	Rig.: Failin	g 2500
Drilled	295 to	295	Mud/Air/	
	0			Out
			1.14	
•			Die	
-				
Lithology				
			after several atte	emots. Installed
Well History Interval 0- 64 64-177 177-295	Hole Size 30" 24" 20"	Casing 30"(0-20') 24" (0-106. 16" (0-295'	Tot 5') Pro) Cos	penditures al to date jected t/Ft
			Bud	geted

Project - Hole:_	Thermex 22-2		Date:11/2	<u>783 </u>
Location: NW 1/4c	f <u>NW 1/4</u> Sec. 2	T 26S R	7W Spud Date:	
County, State:	Millard, U			
Prog. Depth:	4,000'		Contractor:St	ewart Bros.
Geologist: De	ymonaz/Huntsmaı	<u> </u>	Rig.: Failin	g 2500
Drilled	295 to	295	Mud/Air/	
Footage Cut				Out
Hole Size			114	
Dev. Survey				
Casing				
Lithology				
				hang 8 5/8" casing.
Well History Interval 0- 64 64-177 177-295	Hole Size 30" 24" 20"	Casing 30"(0-20') 24" (0-106, 16" (0-295	Tot .5') Pro	penditures al to date jected t/Ft
			Bud	geted

Project - Hole:_	Inermex 22-2		Date:11/1/0	
ocation: NW 1/4	ofNW 1/4Sec. 2	T 26S R 7	W_Spud Date:	
County, State:	Millard, U	Ţ	_Day #:	
				vart Bros.
Geologist: De	eymonaz/Huntsma	<u>n</u>	Rig.: Failing	2500
Orilled <u>2</u>	95 to	295	Mud/Air/	
ootage Cut	0		Temp: In	Out
	-			•
Casing			Ph	
	cel	lar, dig pits.		
Well History Interval	Hole Size	Casing		enditures 1 to date
0- 64	30" 24"	30"(0-20') 24" (0-106.5	') Proje	ected
177-295	20"	<u>16" (0-</u> 295')	Cost	/Ft
			Budg	eted

Project - Hole: Thermex	< 22-2	Date:1 <u>0/4</u> -	10/10/83
Location: NW of NW Sec			
County, State: Millard, L	JT	_Day #:	
Prog. Depth: 4000'		Contractor: And	rew Well Drilling
Geologist: Deymona	Z	Rig.: Cable Bucyr	tool us-Erie 36-L
Drilledto	295'	Mud/Air/ <u>ch</u>	ırn
Footage Cut56'			Out
Hole Size 20"		Wt	
Dev. Survey @		Vis	
Casing 30" 0-20; 24" 0-10			
Report: 10/4 239-248'			
		258, clay and lo	ose rock 258-265, brown
	sandstone 265-281.		
10/6 281-295'	Firm brown rock (we	elded tuff)	
10/7 Run 16" o		*	
10/8 Set 16" (casing to 295'; cemer	nt with 8 yds san	d mix, begin pulling 20
casing.	O" casing, cement wit		
10/10 Rig dow	n, release rig.		·
			:
Well History	0	<u>E></u>	penditures
Interval Hole Siz	ze Casing	Tot	al to date 106,000
9-64' 30"	30"	_	ojected
64-177' 24" 177-295' 20"	24" (0-106.5 16" (0-295')	Cos	st/Ft
		Bu	dgeted

Project - Hole:	Ther	mex 22-2			_Date:	9/30-10/3/	83	
Location: NW	of NW S	ec2	т 26S	R 7W	_Spud Dat	e: <u>8/21/</u>	/83	
County, State:_								
Prog. Depth:				C	ontractor	: Andrew V	Well Drilling	
Geologist:					_Rig.:	Cable tool Bucyrus-En	l ^ie 36-L	
Drilled222'	•	to239'						
Footage Cut	171				Temp: Ir)	Out	
Hole Size					Wt			
Dev. Survey	0				Vis		- 1	
Casing					Ph			
Report:	9/30:	222-226'	Gray f	racture	d basalts	. Brown c	lay in seams.	<u> Ha</u> d
	, <u>.</u>		to bac	kfill a	nd redril	1.		
	10/1:	226-230'	Gray b	pasalts	(hard bro	wn fractur	res with clay).	1
	10/2:	230-235'	Gray b	oasalts-	breaking	weld on bi	t.	
	10/3:	235-239 '	Gray b	asalts.				
	20" hol	e - no wat	er enco	nuntered				
		ing - 183'		341100104				
					1 7 7 7			
							:	
Well History						Evnandi	tunas	
Interval	Hole S	ize C	asing			Expendi Total to	-	-
0-20'	30" 24"					•		
0-107 · 0-177 ·	20"					Projecte		
0-239'	20"							
	<u> </u>	 _				Budgeted		

Project - Hole: Thermex 22-2	Date:9/27-9/29/83
Location: NW of NW Sec. 2 T 26S	R 7W Spud Date: 8/21/83
County, State: Millard, UT	Day #:
Prog. Depth:	Contractor: Andrew Well Drilling
Geologist:	Rig.: Cable tool Bucyrus-Erie 36-L
Drilled 190 to 222'	Mud/Air/ churn
Footage Cut 32'	Temp: In Out
Hole Size	Wt
Dev. Survey @	Vis
Casing	Ph
Report: 9/27: 190-194' Brok	en and fissured basalts.
9/28: 194-212' Cind	ers & brown basalts.
9/29: 212-222' Gray	fractured basalts.
	:
Well History	Expenditures
Interval Hole Size Casing	
0-20' 30"	Projected
0-177 20"	Cost/Ft
0-222 20"	Budgeted

Project - Hole: Inermex 22-2	Date: 3/23/03-9/20/03	
Location: NW of NW Sec. 2 T 26S R	7W Spud Date: 8/21/83	
County, State: Millard, UT	Day #:	
Prog. Depth:	Contractor: Andrew Well Drill	ing
Geologist:	Rig.: Cable tool Bucyrus-Erie 36-L	
Drilled 177' to 190'	Mud/Air/ churn	
Footage Cut	Temp: InOut	·
Hole Size	Wt′	
Dev. Survey@	Vis	
Casing20"	Ph	
Report: 9/23: unloading 20" pipe and char		
9/24: 177-180' - gray, hard base	alt. Very rough ≴, broken up.	
9/25: 180-184' - same as above.		
9/26: 184-190' - same material.	Hit big crevice.	
		·
	719 -	Ann Thister The
Well History		
Interval Hole Size Casing	<u>Expenditures</u>	•
0-20' 30" 30	Total to date	
107-107 24" 24 107-100 /2-7 20" 20	Projected	
	Cost/Ft	
	Budgeted	

Project - Hole: <u>II</u>	nermex 22-2		uate: <u>_9/20-9/2</u>	72/83
Location: NW of NW	Sec2	T 26S R 7W	_Spud Date: <u>8/</u>	21/83
County, State: Mill	ard, UT		oay #:	
Prog. Depth:		(Contractor: Andre	w Well Drilling
Geologist:			Rig.: Cable t Bucyrus	cool -Erie 36-L
Drilled161'	to	177'	Mud/Air/ <u>chur</u>	n'n'
Footage Cut 16'			Temp: In	Out
Hole Size			Wt	
Dev. Survey	0		Vis	
Casing			Ph	
Report: 9/2	0: 161-165'			
	hard, br	own basalt, cav	ing badly.	
9/2	1: 165-173'			
	fracture	d brown basalt.	Losing all wat	er. Hole caving.
9/2				1 - hole
	(same as	above).	King Smil Ska	art
	Caving b	adly. Necessar	y to case hole 2	O inch.
				W.,.
·				. :
Well History			Expe	enditures_
Interval Hol	e Size	Casing		to date
0-20' 30'				ected
20-107 24			Cost	
			Budge	
			budge	

Project - Hole: Thermex 22-2	Date: 9/16-9/19/83
Location: NW of NW Sec. 2 T 26S R	
County, State: Millard, UT	Day #:
Prog. Depth:	Contractor: Andrew Well Drilling
Geologist:	Rig.: Cable tool
Drilled134' to161'	
Footage Cut27'	
Hole Size	
Dev. Survey@	
Casing	
Report: 9/16: 134'-143' basalt, broken, g	ray color. (24" casing: 103'7" - set in basalt).
Hole was caving, shot hole w	ith 45 sticks of 60% explosives @ 134'
to bring hole back in line.	
9/17: 143-155' - (140-145', broke	n brown basalts);
	rs caving);
	n brown basalts)
9/18: 155-160' basalts, brown and	d broken. From 158' basalts gray.
9/19: 160-161' hard, basalts gray	·.
Casing depth 107', 24"	
Well History	
Interval Hole Size Casing	Expenditures
0-20' 30"	Total to date
0-107' 24"	Projected
	Cost/Ft
	Budgeted

Cocation: NW of NW Sec. 2 T 26S R 7W Spud Date: 8/21/83	Project - Hole:	Thermex 2	22-2	Da	ate: 9/	13 - 9/15/8	3
Contractor: Andrew Well Drilling Rig.: Cable tool Bucyrus-Erie 36-L	Location: NW	of NW Sec	2 T 26S	R 7W Sp	oud Date:_	8/21/83	
Rig.: Cable tool Bucyrus-Erie 36-L	County, State:_	Millard, UT		Day	#:		
Drilled 114' to 134' Mud/Air/ Churn							
Temp: In	Geologist:			R	ig.: Cab Buc	le tool yrus-Erie	36-L
Wt Dev. Survey	Drilled <u>114'</u>	to	134'	Mu	ud/Air/	churn	
Dev. Survey	Footage Cut	20'		Te	emp: In		Out
Dev. Survey	Hole Size			W1	t		·
Report: 9/13: 114'-118' Cavernous basalts 9/14: 118'-128' Cavernous basalts 9/15: 128'-134' Shot twice with explosives to align hole.					is	<u>.</u>	•
Report: 9/13: 114'-118' Cavernous basalts 9/14: 118'-128' Cavernous basalts 9/15: 128'-134' Shot twice with explosives to align hole.	Casing	<u>.</u>		Ph	າ		•
Well History Expenditures							
Well History Expenditures Interval Hole Size Casing 0-20' 30" Total to date 20-134' 24" Projected Cost/Ft Cost/Ft	9/14 9/15	: 118'-128' : 128'-134'	Cavernous bas Shot twice w	salts ith explos	ives to al	ign hole.	
Expenditures	24."	casing at 103'					
Expenditures						·	
Expenditures							
Expenditures							
Expenditures							
Expenditures							÷.
Expenditures						· · · · · · · · · · · · · · · · · · ·	· :
Expenditures	Well History						
0-20' 30" 20-134' 24" Projected Cost/Ft		Hole Size	Casing		<u> </u>	xpenditur	<u>es</u>
20-134'		•	Justing		To	otal to da	ate
					Pr	ojected	
Budgeted				-	Cc	st/Ft	
					Вι	udgeted	

Project - H	ole: Thermex	22-2	Date:9/9-9/12/	/83
Location: NV	of NW Sec.	2 T 26S R 7	<u> 7W </u>	/83
County, Sta	te: Millard, Ul		Day #:	
Prog. Depth	*		Contractor: Andrew L	Well Drilling
Geologist:_			Rig.: Cable too Bucyrus-En	l rie 36-L
Drilled	102' to_	114'	Mud/Air/ churn	
Footage Cut	12'		Temp: In	Out
Hole Size			Wt	
Dev. Survey			Vis	
Casing			Ph	
Report:	9/9: 102-105'	Cavities in the	pasalt, losing all wat	er in hole & no
		cuttings coming b	back.	
	9/10: 105-108'	(24" casing down	to 103')	
	9/11: 108-112'	hard basal	t formation; couldn't	keep water in hole
	9/12: 112-114'	same formation as	s above. Problems get	ting through
Well Histor	у		Evnandi	tunas
Interval	Hole Size	Casing	Expendi	
0-20'	30"	7"	Total to	
20-114	24"		•	d
			_	
			Budgeted	

*3*11

roject -	- Hole:_	Thermex	22-2	_Date: 8/30-9/8/8	33
ocation:	: <u>NW</u> o	f <u>NW</u> Sec.	2 T 26S R 7W	Spud Date:8/2	1/83
County,	State:	Millard, U	TC)ay #:	
Prog. De	pth:		c	Contractor: Andrew	Well Drilling
Geologis	t:			Rig.: Cable to Bucyrus-	ol Erie 36-L
Orilled_	65	to_	102 '	Mud/Air/ <u>churn</u>	
Footage	Cut <u>37</u>	I		Temp: In	Out
Hole Siz	e			Wt	
Dev. Sur	vey	0		Vis	····
Casing				Ph	* * * * * * * * *
		48-50'	basalts		
	8/31:	50-55'	fracturedbasalts		
	9/1	55-64	basalts & cinders		
	9/2:	64	hole caving, reduced	hole from 28" to	24"
	9/3:	64-70'	basalts		
	9/4:	70-74 1	fractured basalt		
	9/5:	74-76'	basalt		
	9/6:	76-82 '	basalt & cinders		
	9/7:	82-92'	cinders		
	9/8:	92-102'	cinders; hole cased	to 100 feet with	24" casing
Well His	itory	No water en	countred in hole yet.		
Interval		Hole Size	Casing		ditures
0-201		30"	7"	Total	to date
20-102		28"&24"		Project	ted
	····			Cost/F	t
				Budget	ed
, , , , , , , , , , , , , , , , , , , 				3	

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Project - Hole:	Thermex 22-2		Date: <u>9/5-9/</u> 9	0/83
ocation: NW Of	F NW Sec. 2	T 26S R 7W	Spud Date:s	3/21/83
County State:	Millard, UT		Day #:	
Prog. Depth:				H. Andrews
Geologist:				us-Erie 36-L
seo tog (5 t				
Drilled <u>65</u> '	to	102'	Mud/Air/	Churn
Footage Cut				Out
Hole Size			1.11	
Dev. Survey				
Casing				
Bits, stabs, etc				
Lithology				,
				/2: 64' (reduced to
24" casing and	bit); 9/3: 64-7	0'; 9/4: 70-74'	(fractures in b	asalt); 9/5: 74-76';
				; 9/7: 82-92';
3/8. 3L=10L (1	lo water circoans			
Well History			E	xpenditures_
Interval	Hole Size	Casing		tal to date
0-20	30"	20"		ojected
20-102'	28" & 24"			ost/Ft
				udgeted
			Di	

Project - Hole: Thermex 22-2			Date: August 21	_Date: <u>August 21 thru September 1, 1983</u>	
Location: NW_C	of <u>NW</u> Sec.	2 T 26 S R 7	W Spud Date: Augus	st 21	
County, State: N	Millard, Utah		Day #:1-12 	0	
Prog. Depth:			Contractor: Harold	Andrews	
Geologist:			Rig.:Bucyrus -	Erie 36-# L	
Drilled 0	to	65	Mud/Air/ Churn		
Footage Cut 65	5		Temp: In	Out	
Hole Size 30" and 28"			Wt		
Dev. Survey	@		Vis		
Casing 30" 0-20)"		Ph		
Bits, stabs, et	c. & ser. #				
Lithology Thin	basalt flows (5-15') and inter	rflow cinders.		
Additional Repo	rt <u>Spud 30" ho</u>		of August 21. Dril	1 30" hole and	
follow with 30"	casing, set c	20 ′ asing to 38 ′. (Continue drilling 28	s" open hole	
from 20-65 feet	. Three thin	basalt flows and	d three cinder X zone	s encountered	
in first 65 fee	t. Driller re	ported on morni	ng of September 2, d	Irilling ahead	
with 28" hole i	n unconsolidat	ed cinder, no w	ater encountered.		
Well History			Exper	nditures_	
0-20' 20-65'	Hole Size 30" 28"	20"		to date	
			Projec		
			Cost/f		
			Budge [†]	ted	