

# WELL 17A-6 Hole Condition 10/21/84

607101111

0

30" TO 85'

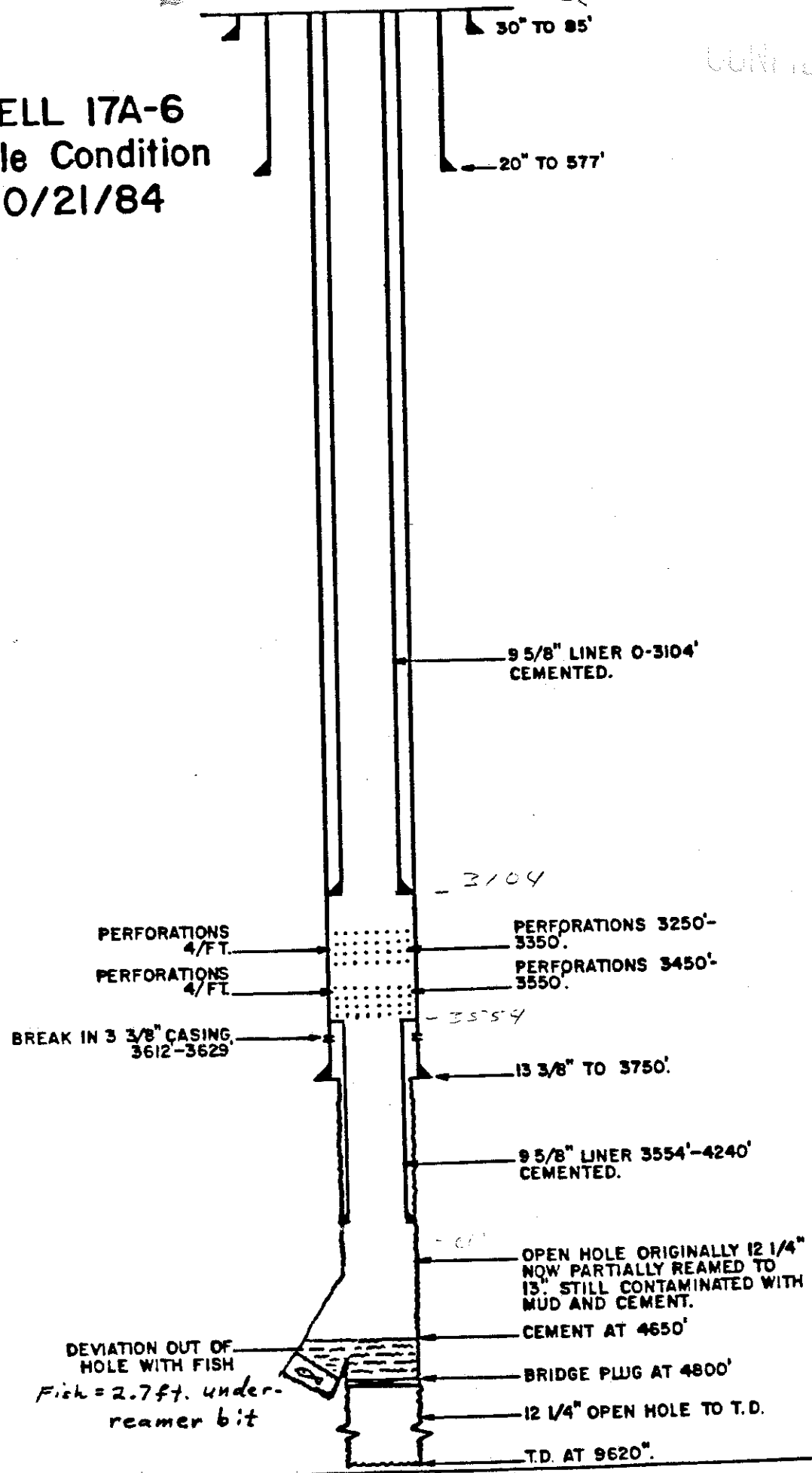
20" TO 577'

1000'

2000'

3000'

4000'



PERFORATIONS  
4/FT.

PERFORATIONS  
4/FT.

BREAK IN 3 3/8" CASING  
3612-3629

9 5/8" LINER 0-3104'  
CEMENTED.

3104

PERFORATIONS 3250'-  
3350.

PERFORATIONS 3450'-  
3550.

3554

13 3/8" TO 3750'

9 5/8" LINER 3554'-4240'  
CEMENTED.

4240

OPEN HOLE ORIGINALLY 12 1/4"  
NOW PARTIALLY REAMED TO  
13". STILL CONTAMINATED WITH  
MUD AND CEMENT.

CEMENT AT 4650'

BRIDGE PLUG AT 4800'

12 1/4" OPEN HOLE TO T.D.

T.D. AT 9620'

DEVIATION OUT OF  
HOLE WITH FISH  
Fish = 2.7 ft. under-  
reamer bit

INSTRUCTIONS

GENERAL: This form is designed for submission of geothermal well completion reports and should be accompanied by a detailed chronological history of well operations and final copies of the results of any logs, surveys or tests performed on the well, which have not previously been submitted. The report shall be submitted within 30 days after the date of completion of continuous well activities, as determined by the District Geothermal Supervisor. The completion date in many cases will be the day the drilling rig is released. The Supervisor may postpone the required report submission date if adequate justification is presented by the lessee.

ITEM 3: Show the surface location coordinates from the nearest section corner or tract line. Show production zone and total depth coordinates from the surface location if the well is directionally drilled.

ITEM 34: If the well is immediately placed into operation without testing, this section should reflect the first month's production data.

ITEMS 35 & 36: Indicate the depth(s) of subsurface pressure and temperature measurement, and include the reference datum.

<b>WELL TEST</b>	
3. TEST DATE	PRODUCTION METHOD: FLOWING ( ) PUMPING ( ) - include size, type, intake depth, etc. OTHER ( )
See Attached	

<b>PRODUCTION</b>			
4. HOURS TESTED		PRODUCTION DURING TEST	
65 flowing hours; 127 hrs. logging & rigging		TOTAL LIQUIDS (lb)	WATER (lb)
DEPTH		7,380,000	_____
		ENTHALPY (Btu/lb) Max. observed was 355	

<b>STATIC TEST DATA</b>			
5. SURFACE PRESSURE (psig)		SUBSURFACE PRESSURE (psig)	SUBSURFACE TEMPERATURE (°F)
		<b>WATER ANALYSIS</b>	
		Total Dissolved Solids	PH
		2500 mg/l	8.3

<b>FLOWING TEST DATA</b>						
6. SURFACE PRESSURE		SUBSURFACE PRESSURE at _____ feet	SURFACE TEMPERATURE	SUBSURFACE TEMPERATURE at top of perms.	AVE. TOTAL MASS FLOW RATE PER HOUR	
WELLHEAD:					TOTAL (lb/hr)	STEAM (lb/hr)
SEPARATOR:						WATER (lb/hr)

7. SUMMARY OF POROUS ZONES: Show all important porous zones and contents of each; cored intervals with recoveries, drill stem or formation tests with depth of interval tested, time open, cushion used, and flowing and shut-in pressures, temperatures and recoveries.				38. GEOLOGIC MARKERS (TOP)		
FORMATION	TOP	BOTTOM	DESCRIPTION OF DETAILS	NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH

FORMATION	TOP	BOTTOM	DESCRIPTION OF DETAILS	NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
stocene	5755	5810	Basaltic andesite	Pleistocene Intrusives	6500	6500
"	7210	7250	Spherulitic rhyolite (intrusive)			
"	7890	7920	Diorite			
"	8100	8116	Diorite			
"	8325	8345	Felsite porphyry			
"	8590	8610	Microdiorite			
"	9010	9035	Microdiorite			
"	9270	9290	Felsite porphyry			
"	9430	9450	Microdiorite			

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<b>WELL TEST</b>										
3. TEST DATE		PRODUCTION METHOD: FLOWING ( ) PUMPING ( ) - include size, type, intake depth, etc. OTHER ( )								
See Attached										
<b>PRODUCTION</b>										
14. HOURS TESTED		PRODUCTION DURING TEST						ENTHALPY (Btu/lb)		
65 flowing hours; 127 hrs. logging & rigging		TOTAL LIQUIDS (lb)		STEAM (lb)		WATER (lb)		Max. observed was 355		
27		7,380,000								
<b>STATIC TEST DATA</b>										
15. DEPTH		SURFACE PRESSURE (psig)		SUBSURFACE PRESSURE (psig)		SUBSURFACE TEMPERATURE (°F)		WATER ANALYSIS		
								Total Dissolved Solids	pH	
								2500 mg/l	8.3	
<b>FLOWING TEST DATA</b>										
16. SURFACE PRESSURE		SUBSURFACE PRESSURE		SURFACE TEMPERATURE		SUBSURFACE TEMPERATURE		AVE. TOTAL MASS FLOW RATE PER HOUR		
WELLHEAD:		at _____ feet		at top of perms.		at top of perms.		TOTAL (lb/hr)	STEAM (lb/hr)	WATER (lb/hr)
SEPARATOR:										
17. SUMMARY OF POROUS ZONES: Show all important porous zones and contents of each; cored intervals with recoveries, drill stem or formation tests with depth of interval tested, time open, cushion used, and flowing and shut-in pressures, temperatures and recoveries.						38. GEOLOGIC MARKERS (TOP)				
FORMATION		TOP		BOTTOM		DESCRIPTION OF DETAILS		NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
Pleistocene		5755		5810		Basaltic andesite		Pleistocene	6500	6500
"		7210		7250		Spherulitic rhyolite (intrusive)		Intrusives		
"		7890		7920		Diorite				
"		8100		8116		Diorite				
"		8325		8345		Felsite porphyry				
"		8590		8610		Microdiorite				
"		9010		9035		Microdiorite				
"		9270		9290		Felsite porphyry				
"		9430		9450		Microdiorite				