

GEOHERMAL WELL COMPLETION REPORT

The U.S. Geological Survey requires this form or other Supervisor approved form to be prepared and filed in duplicate with requisite attachments with the Supervisor within 30 days after completion of permitted operations.

1. WELL TYPE: PRODUCTION ( ) INJECTION ( ) DISPOSAL ( ) WATER SUPPLY ( ) OBSERVATION (X)  
COLD ( ) HEAT EXCHANGE ( ) OTHER ( )

2. COMPLETION: NEW (X) WORKOVER ( ) DEEPENED ( ) PLUGBACK ( ) REDRILL ( )  
RECOMPLETED ( ) DRILLED & ABANDONED ( ) OTHER ( )

3. NAME OF LESSEE/OPERATOR  
GEO-Newberry Crater, Inc.

4. ADDRESS OF LESSEE/OPERATOR  
61419 South Highway 97, Suite A, Bend, OR 97702

5. LOCATION OF WELL  
At Surface: 4100'N & 500'E of SW Corner of S24, T20S, R12E  
At Top of Production Zone:  
At Total Depth:

6. TOTAL DEPTH Required: 4002' True Vertical: Not surveyed

7. PLUGBACK TOTAL DEPTH Required: N/A True Vertical:

8. ELEVATION: ESTIMATED (X) FINAL ( ) 5750'  
REFERENCE DATUM: GN ( ) MAT ( ) SP ( ) KB ( ) RT ( ) CASINGHEAD PLANE ( ) OTHER ( )

9. DRILLING MEDIA: AIR ( ) WATER ( ) MUD ( ) FOAM ( ) OTHER (X) Temperature  
List Characteristics:

10. LOG TYPE & INTERVALS Logs (Dresser) in order. Temp/Caliper/Acoustic  
Fraclog/Nuetron (all to TD)/Gamma Density (to 1700' i.e. bottom of stuck HQ rods)

CASING RECORD							
Size	Weight	Grade	Collars & Threads	Depth Set		Hole Size	Cementing Record (slurry volume)
				Top	Thin		
4.5"	10.7#	A-53	Diamond Drill	Surf.	454'	5-5/8"	25 cu. ft.
			Flush Joint 3				
			Threads In				

LINER RECORD							
Size	Weight	Grade	Collars & Threads	Perforated Intervals		Cementing Record (slurry volume)	
				Top	Bottom		

TUBING RECORD					17. CEMENT SQUEEZE, ACID, FRACTURE, ETC. (detail type, amount, interval)
Size	Weight	Grade	Depth Set	Packer Depth	
1.9" O.D. 1.516" I.D.	2.9#/ft	J-55	4002'		Filled hole with abandonment mud.

PERFORATION RECORD				
Type	Total No.	Density (No./ft)	Size	Intervals

18. ATTACHMENTS & PREVIOUS SUBMITTALS: List all reports, surveys, tests and logs, not listed in item 13, which have resulted from drilling and completion operations. List relevant previously furnished data with date of submittal referenced.

19. WELL STATUS: PRODUCING ( ) SHUT-IN ( ) SUSPENDED ( ) INJECTION ( ) DISPOSAL ( ) HEAT EXCHANGE ( ) ABANDONED (X) WATER SUPPLY ( ) OTHER

20. DO YOU CONSIDER THE WELL TO BE COMMERCIAL? No EXPLAIN:

21. I hereby certify the information on this report and the attached information is complete and accurate according to the best of my knowledge.  
SIGNED: Michael J. Hale TITLE Senior Environmental Coordinator DATE 11-26-86

This report is required by law (30 U.S.C. 1023); regulations: 30 CFR 270.37, 30 CFR 270.73; Federal Geothermal Lease Terms and Stipulations and other regulatory requirements. Failure to report in a timely prescribed manner can result in shutting down operations, suspension and or revocation of cancellation of lease (30 U.S.C. 1011, 30 CFR 270.80, 43 CFR 3244.3). The United States Criminal Code (18 U.S.C. 1001) makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.