

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0132
Expires: September 30, 1990

GEOHERMAL WELL COMPLETION REPORT

The Bureau of Land Management (BLM) requires this form or other BLM-approved forms to be prepared and filed in duplicate with requisite attachments with the authorized officer within 30 days after completion of permitted operations.

1a. Well Type: Production Injection Disposal Water Supply Observation
 Cold Heat Exchange Other

1b. Completion: New Workover Deepened Plugback Redrill
 Recompleted Drilled & Abandoned Other

2. Name of Lessee/Operator
C.E. Exploration

3. Address of Lessee/Operator
34 NW First St., Ste. 302, Portland OR 97209

18. Location of Well
At Surface: 100'W & 500'N of SE Corner Sec. 21
At Top of Production Zone:
At Total Depth:

19. Total Depth
Measured 4876' True Vertical: 4729'

20. Plugback Total Depth
Measured: True Vertical:

21. Elevation: Estimated Final 6269 KB
Reference Datum: GR MAT DF KB RT Casinghead Flange Other

22. Drilling Media: Air Water Mud Foam Other
List Characteristics:

23. Log Type & Intervals

4. Lease Serial No.
OR45505

5. Surface Manager: BLM XFXS
 Other

6. Unit Agreement Name
Deschutes

7. Well No. 88-21 TCH 8. Permit No. 050-95-01

9. Field or Area
Newberry

10. Sec., T., R., B. & M.
21, T21S, R12E WB&M

11. County
Deschutes

12. State
Oregon

13. Spud Date 05/10/95 Date T.D. Reached 07/20/95

14. Completion Date (Ready to produce)
07/22/95

15. Directionally Drilled Intervals

16. Surveyed Intervals
See attached

17. Core Size and Intervals
see attached

24. CASING RECORD

Size	Weight	Grade	Collars & Threads	Depths Set		Hole Size	Cementing Record (slurry volume)
				Top	Shoe		
10-3/4"	32.75	H49		GL	11'	12-1/4"	to surface
7"	26#	K55	Buttress	GL	500'	9-7/8"	to surface
4-1/2"	11.6#	K55	Buttress	GL	1345'	6-1/8"	to surface
3-1/2"		HQ			3709'	3.895"	

25. LINER RECORD

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

26. TUBING RECORD

Size	Weight	Grade	Depth Set	Packer Depth
2"	3.4#	J55	4855'	

27. Cement Squeeze, Acid, Fracture, etc. (detail type, amount, intervals)

28. PERFORATION RECORD

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

29. Attachments & Previous Submittals: List all reports, surveys, tests and logs, not listed in item 23, which have resulted from drilling and completion operations. List relevant previously furnished data with date of submittal referenced.

Deviation survey, lithology log

30. Well Status: Producing Shut-In Suspended Injection Disposal Heat Exchange Abandoned Water Supply Other

31. Do you consider the well to be commercial? Yes No Explain:

Drilled as temperature corehole.

32. I hereby certify the information on this report and the attached information is complete and accurate according to the best of my knowledge.

Signed: [Signature] Title Compliance Administrator Date 09/20/95