

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
Anadarko Petroleum Corporation

3. Address of Lessee/Operator
835 Piner Rd., Suite A, Santa Rosa CA 95403

18. Location of Well
At Surface: From NW corner, 2672' S & 1120' E.
At Top of Production Zone: Same
At Total Depth: Same

19. Total Depth
Measured 2508 (KB) True Vertical:

20. Plugback Total Depth
Measured: NA True Vertical:

21. Elevation: Estimated Final 4091' KB = GL+8
Reference Datum: GR MAT DF KB RT Casinghead Flange Other

22. Drilling Media: Air Water Mud Foam Other
List Characteristics:
MW: 8.6 - 9.8, V: 41 - 47. No returns to surface.

23. Log Type & Intervals
Tasco temperature, pressure, spinner and gamma-ray: 0' - 2475' (GL)

24. CASING RECORD

Size	Weight	Grade	Collars & Threads	Depths Set		Hole Size	Cementing Record (slurry volume)
				Top	Shoe		
8-5/8"	24.0	J-55	STD	0	35'	9-5/8"	11 cu-ft
6-5/8"	20.0	J-55	STD	0	304'	8-3/4"	35 cu-ft
4-1/2"	11.6	N-80	EJ	0	1089'	5-5/8"	190 cu-ft

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

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.

Geologic log (Tecton Geologic), Temp & Press Log (Tasco), well history

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:
The well is not commercial due to small bore size. Well will be used for reservoir monitoring only.

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: RC Edmister Title Atty-in-Fact Date 11/18/93

4. Lease Serial No.
OR-23843

5. Surface Manager: BLM FS
 Other

6. Unit Agreement Name
NA

7. Well No.
25-22A

8. Permit No.

9. Field or Area
Pueblo Valley

10. Sec., T., R., B. & M.
SAC 22, T 375, R 33E, WBM

11. County
Harney

12. State
Oregon

13. Spud Date
09/25/93

Date T.D. Reached
10/06/93

14. Completion Date (Ready to produce)
NA

15. Directionally Drilled Intervals
NA

16. Surveyed Intervals
None

17. Core Size and Intervals
2.5", 1094'-2508' (KB)

25 22A

33. WELL TEST

Test Date NA	Production Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Other	<input type="checkbox"/> Pumping - include size, type, intake depth, etc.
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34. PRODUCTION

Hours Tested	Production During Test			Enthalpy (Btu/lb)
	Total Liquids (lb)	Steam (lb)	Water (lb)	

35. STATIC TEST DATE

Depth 2475' (GL)	Surface Pressure (psig) 65 psig	Subsurface Pressure (psig) 1100 psia	Subsurface Temperature (°F) 282	Water Analysis	
				Total Dissolved Solids NA	pH

36. FLOWING TEST DATA

Surface Pressure	Subsurface Pressure at _____ feet	Surface Temperature	Subsurface Temperature at top of perms.	Avg. Total Mass Flow Rate Per Hour		
Wellhead: Separator:				Total (lb/hr)	Steam (lb/hr)	Water (lb/hr)

37. 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
Tuff	1481	2372	Crystal tuffs, welded and unwelded, with numerous open fractures. Details given in core log.			
Basalt	2372	2508 (TD)	Massive dk grey basalt interbed w/basalt breccia.			

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.