

601899

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/27/86

This transmission 1 pages.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Bernice: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Beth: 524-3422

Transmitted By: Sonja Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

-----  
*Field man was Joe Lafflor*  
-----

MAZAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE:

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/24/86 Quit drilling @ noon @ TD of 1354'. Pulled out of hole and laid down pipe to allow temperature to stabilize.  
10/25/85 Put rods back in hole and ran temperature survey\* Al Waibel (Columbia Geo Science) ran temperature log and tripped out of hole, laid down pipe and began tearing down.  
10/26/86 Tearing down.  
10/27/86 Tearing down.

\* Calculated temperature survey--will be reported later.

JLF:sr:42

TOTAL ESTIMATED COST TO DATE: \$102,000.00

\$ 75.33 ft.

By: Dave Workman

cc: CTC, HHR, GV, RT, DW

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/24/86 This transmission 2 pages.

TO: Susan Frestwich Telecopier No: (708) 526-0524  
U. S. Department of Energy, ID Confirmation Service: 526-1503

TO: Mike Wright Telecopier No: (801) 524-3453  
University of Utah Research Confirmation Bath: 524-3422  
Institute

Transmitted By: Ronja Rath Telecopier No: (707) 526-0504  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

MAZAMA I CORE HOLE MEI-11A

DAILY REPORT

DATE: 10/23/86 DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/23/86 Drilled hole from 1259' - 1334'. Had one temperature check at 1297'. Temperature was 106°F.  
19 hrs. drilling core partial to no returns.  
4 hrs. handling rods.  
1 hr. temperature check.

JLP:rr:42

TOTAL ESTIMATED COST TO DATE:

By: \$92,581.00

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 12/24/86 This transmission 2 pages.

TO: Susan Prestwich Telecopier No: (208) 526-0524  
U. S. Department of Energy, ID Confirmation Service: 526-1503

TO: Mike Wright Telecopier No: (801) 524-3453  
University of Utah Research Confirmation Meth: 524-3422  
Institute

Transmitted By: Sonja Rath Telecopier No: (707) 526-0504  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

MAKAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE: 12/22/86 DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 12/22/86 Drilled hole from 1225' - 1259'.  
7 hrs. drilling core.  
5 hrs. handling rods.  
12 hrs. fighting lost circulation while adding LCM to hole.

JLF:kr:42

TOTAL ESTIMATED COST TO DATE:

By: \$88,533.00

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/22/86 This transmission 1 pages.

TO: Susan Prestwich Telecopier No: (708) 526-0524  
U. S. Department of Energy, ID Confirmation Bsnice: 526-1503

TO: Mike Wright Telecopier No: (801) 524-3453  
University of Utah Research Confirmation Bsnice: 524-3423  
Institute

Transmitted By: Sonia Rath Telecopier No: (707) 526-0504  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

MAZAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE: 10-22/86 DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/22/86 63' to TD OF 1225' as of 7:00 a.m.  
Temperature @ 1204' 110°F, Bit change @ 1223'.  
Currently @ 1234' 11:00 a.m. 10/22/86.

JLS:ar:42

TOTAL ESTIMATED COST TO DATE: \$86,500.00

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/21/86

This transmission 1 pages.

TO: Susan Frestwich  
U. S. Department of Energy, ID

Telecopier No: (707) 526-0524  
Confirmation Number: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3459  
Confirmation Bath: 524-3422

Transmitted By: Sonia Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MALANA I CORE HOLE MEI-11A

DAILY REPORT

DATE:

DATE SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/20/86 Working stuck pipe, drilled through bit.  
10/21/86 Drilled 13' as of late last night. New driller on at  
shift change. New driller trying to remove last of bit.  
Dragging up hole and lodged in side. Catching on stabilizer  
above core barrel. Got bit out of way, rods spinning free--  
drilling ahead. As of noon, drilling at 1162'.

JLF:SF:42

cc: CTC, HHR, GV, RT, DW

TOTAL ESTIMATED COST TO DATE: \$63,000

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/20/86 This transmission 1 page.

TO: Susan Frestwich Telecopier No: (308) 526-0524  
U. S. Department of Energy, ID Confirmation Service: 526-1503

TO: Mike Wright Telecopier No: (801) 524-3453  
University of Utah Research Confirmation Bath: 524-3422  
Institute

Transmitted By: Sonja Rath Telecopier No: (707) 526-0504  
California Energy Co., Inc.  
3333 Mandocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

MAZAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE: DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/17/86 Shut down by BLM for lost circulation. Fought lost circulation all day.  
10/18/86 Circulated down to bottom and began drilling @ 0930 a.m. Cut 2' of core. Inner core barrel stuck in rods because of lost circulation material. Tripped out to free inner core barrel. Tripped back in, reached bottom @ 1000 hrs. Total time loss due to fighting lost circulation is 61 hrs. At 2300 hrs., reported 50% returns. Had reported temperature of 144°F (BHT) @ 1106'. At 12:00 a.m. stuck rods @ 1149'.  
10/19/86 Spent whole day trying to free rods. Retrieved inner core barrel using NQ rod and brought back out. Rods still stuck this a.m. (10/20/86).

TOTAL ESTIMATED COST TO DATE: \$78,000.00

JLF:er:42

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELETYPE TRANSMITTAL

Date: 10/17/86

This transmission 1 pages.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Service: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Bath: 524-3422

Transmitted By: Sonia Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA I CORE HOLE MS1-11A

DAILY REPORT

DATE:

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Total 36 hrs. mixing mud for lost circulation. Have returns now.

JLF:br:42

TOTAL ESTIMATED COST TO DATE: \$77,000.00

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELETYPE TRANSMITTAL

Date: 10/16/86 This transmission 1 pages.

TO: Susan Prestwich Telecopier No: (208) 526-0524  
U. S. Department of Energy, ID Confirmation Bernice: 526-1503

TO: Mike Wright Telecopier No: (801) 524-3493  
University of Utah Research Confirmation Beth: 526-3422  
Institute

Transmitted By: Sonia Rath Telecopier No: (707) 526-0504  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

MAZAMA I CORE HOLE MEI-11A

DAILY REPORT

DATE: 10/15/86 DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: @ 1084'. Mixing mud and LCM for lost circulation.  
BLM has required we shut down drilling until circulation is regained.

JLP:sr:42

TOTAL ESTIMATED COST TO DATE: \$73,000.00

By: Dave Workman



CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/15/86 This transmission 1 pages.

TO: Susan Prestwich Telecopier No: (206) 526-0524  
U. S. Department of Energy, ID Confirmation Number: 526-1503

TO: Mike Wright Telecopier No: (801) 524-3453  
University of Utah Research Confirmation Beth: 524-3422  
Institute

Transmitted By: Gonja Rath Telecopier No: (707) 526-0504  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

-----

MAGAMA I CORE HOLE MEI-11A

DAILY REPORT

DATE: 10/15/86 DAYS SINCE SPUD:

TIME: 11:45 a.m.

DEPTH: 1042'

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Last temperature taken @ 1006' (BHT), and it was 110°F.

TOTAL ESTIMATED COST TO DATE: \$70,000.00

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/14/86

This transmission 1 pages.

TO: Susan Frestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Bath: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3493  
Confirmation Bath: 524-3422

Transmitted By: Sonja Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE:

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Correction: On 10/11/86 which was telecopied on 10/13/86, mud temp. was not 132°--it was BHT that was 132°F unstabilized.

10/14/86. Currently Drilling @ 954'. Last temperature was @ 890' and was 98°F unstabilized. Drilling w/o circulation. Lost circulation @ 600' - 850'.

JLF:er:42

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/13/86

This transmission 1 pages.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Bsnics: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Bath: 524-3422

Transmitted By: Sonia Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0304

MAZAMA I CORE HOLE MBI-11A

DAILY REPORT

DATE:

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/11/86 Drilling ahead and @ 640' mud temperature @ 132°F.  
10/12/86 Drilling ahead @ 856'.  
10/13/86 @ 10:40 a.m. drilling @ 870' and reoccurring lost  
circulation.

JLF:sz:42

TOTAL ESTIMATED COST TO DATE: \$63,000.00

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/10/86

This transmission 1 pages.

TO: Susan Frestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Bernice: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Beth: 524-3422

Transmitted By: Sonja Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA I CORE HOLE MEI-11A

DAILY REPORT

DATE:

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/9/86 Replaced transmission motor assembly.  
10/10/86 Started drilling about midnight.  
Drilled out cement on bottom, began coring,  
14' cored by 2:00 p.m.

JLF:pr:42

cc: CTC, HHR, GV, RT

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/8/86

This transmission 1 page.

TO: Susan Frestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Number: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3459  
Confirmation No: 524-3422

Transmitted By: Sonja Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE:

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/7/86 Replaced valves in preparation for BOP test.  
10/8/86 BOP's tested and held. Witnessed by Dennis Simontacchi  
of BLM. Waiting for new transmission for rig and  
should be drilling ahead on 10/9/86.

JLF:BR:42

cc: CTC, HNR, GV, RT

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/6/86 This transmission 1 pages.

TO: Susan Prestwich Telecopier No: (208) 526-0524  
U. S. Department of Energy, ID Confirmation Bernice: 526-1503

TO: Mike Wright Telecopier No: (801) 524-3493  
University of Utah Research Confirmation Beth: 524-3422  
Institute

Transmitted By: Sonja Rath Telecopier No: (707) 526-0504  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

MAEAMA I CORE HOLE MEI-11A

DAILY REPORT

DATE: DAYS SINCE SPUD:  
TIME:  
DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/4/86 Hole pressure bled off slowly and did not pass BOP test. Dennis Davis and Dennis Simontacchi of ELM were both present

10/5/86 Hole still did not hold pressure. Dennis Simontacchi was again present.

10/6/86 Drilling out plug on bottom and setting new cement plug on bottom. Will possibly run BOP test again tomorrow.

JLF:br:42

TOTAL ESTIMATED COST TO DATE: \$50,000

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/3/86 This transmission 1 pages.

TO: Susan Frestvich Telecopier No: (208) 526-0524  
U. S. Department of Energy, ID Confirmation Bernice: 526-1503

TO: Mike Wright Telecopier No: (801) 524-3453  
University of Utah Research Confirmation Beth: 524-3422  
Institute

Transmitted By: Sonja Rath Telecopier No: (707) 526-0504  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

MREAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE: DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 10/2/86 Completed rigging up. Tried to test BOP's early afternoon. Did not hold pressure. Dennis Davis and Dennis Simontacchi of BLM were both witnesses.

10/3/86 Entering into hole to put drill string down. Push plug on bottom and put another cement plug on top of that. Wait till it sets up and test BOP's on 10/4/86, midday. BLM will again be present.

JLF:ar:42

TOTAL ESTIMATED COST TO DATE: \$45,000.00

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 10/1/86

This transmission 1 pages.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0514  
Confirmation Bernice: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Beth: 524-3422

Transmitted By: Sonja Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA I CORE HOLE NEI-11A

DAILY REPORT

DATE:

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: BOP's installed 9/30/86. Will be moving rig on today 10/1/86.

JLF:ar:42

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

cc: CTC, HHR, GV, RT



CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 9/30/86

This transmission 1 pages.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Bernice: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Beth: 524-3422

Transmitted By: Sonia Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

HAZAMA I CORE HOLE MEI-11A

DAILY REPORT

DATE:

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: 9/29/86 completed cellar, welded on flange, moved doghouse on site w/installed radio. RTC sent wrong spool. Will be corrected by noon today 9/30/86.

TOTAL ESTIMATED COST TO DATE: \$35,000.00

By: Dave Workman

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 9/29/86

This transmission 1 pages.

TO: Susan Frestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Service: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Beth: 524-3422

Transmitted By: Sonia Bath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA 1 CORE HOLE MEI-11A

DAILY REPORT

DATE: 9/29/86

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Dug out cellar and offloaded BOP's on 9/28/86.  
Moving rig in and rigging up today and tomorrow, 9/29/86 and 9/30/86.

JLF:pr:42

cc: CTC, EHR, GV, RT

TOTAL ESTIMATED COST TO DATE.

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 9/23/86

This transmission 1 pages.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Bech: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3459  
Confirmation Beth: 524-3422

Transmitted By: Sonja Rath  
California Energy Co., Inc.  
3333 Mandocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA I CORE HOLE MSY-11A

DAILY REPORT

DATE: 9/23/86

DAYS SINCE SPUD:

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Temporarily suspended till core rig moves on as of 9/18/86.

RAP:sz:42

cc: CTC, HHR, GV, RT

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 9/19/86

This transmission 1 pages.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Bernice: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Beth: 524-3422

Transmitted By: Sooja Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

-----  
MAXAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE: 9/17/86 (Revised)      DAYS SINCE SPUD: 5

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Rig up and run 18 jts. 575', 4-1/2" 11.6# N80, B Rd. LT & C casing. Landed @ 575' and circulate with mud. Cement with Halliburton 3 bbls. H<sub>2</sub>O ahead of 275 cu. ft. Class G Cement w/1:1 Perlite, 38 Gal. Displaced top plug to 545' w/8.4 bbls H<sub>2</sub>O. Plug in place 3:00 p.m. 9/17/86. Good cement returns. Approximately 100 cu. ft. Witnessed by Steve Henderson and Dannis Simontacchi of ELM.

RAP:sz:42

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 9/19/86

This transmission 1 pages.

TO: Susan Frestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0824  
Confirmation Number: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Bath: 524-3422

Transmitted By: Sonia Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE: 9/18/86

DAYS SINCE SPUD: 6

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Back filled w/16 feet cement. Put in from surface.  
Witnessed by Dennis Simontacchi.

JLF:er:42

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 9/18/86 (REVISED)-9/17/86

This transmission 1 page.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Beth: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Beth: 524-3422

Transmitted By: Sonia Bath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

-----  
MARANA I CORE HOLE MZI-11A

DAILY REPORT

DATE: 9/17/86 REVISED:

DAYS SINCE SPUD: 5

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Ran 18 jts. casing to 576' <sup>576'</sup> 11.6# 4-1/2" LTC N-80 landed @ 575'.  
Cemented w/275 ft.<sup>3</sup> Class G 1:1 Perlite and 3% Gel, good returns,  
over 100 ft.<sup>3</sup>, finished 3:00 p.m.

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 9/17/86

This transmission 1 pages.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Teletypewriter No: (208) 526-0524  
Confirmation Bath: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Teletypewriter No: (801) 524-3459  
Confirmation Bath: 524-3422

Transmitted By: Sonja Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Teletypewriter No: (707) 526-0504

MAZAMA I CORE HOLE MZI-11A

DAILY REPORT

DATE: 9/17/86

DAYS SINCE SPUD: 5

TIME:

DEPTH:

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Ran 4-1/2" surface casing cemented w/Halliburton w/100% excess.  
Full returns.

Daily reports suspended until arrival of core rig.

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_

CALIFORNIA ENERGY COMPANY, INC.

TELECOPY TRANSMITTAL

Date: 9/16/86

This transmission 1 page.

TO: Susan Prestwich  
U. S. Department of Energy, ID

Telecopier No: (208) 526-0524  
Confirmation Barcode: 526-1503

TO: Mike Wright  
University of Utah Research  
Institute

Telecopier No: (801) 524-3453  
Confirmation Bath: 524-3422

Transmitted By: Souja Rath  
California Energy Co., Inc.  
3333 Mendocino Avenue, Suite 100  
Santa Rosa, CA 95401  
(707) 526-1000

Telecopier No: (707) 526-0504

MAZAMA I CORE HOLE MEI-11A

DAILY REPORT

DATE: 9/16/86

DAYS SINCE SPUD: 4

TIME:

DEPTH: 550'

FOOTAGE DRILLED SINCE LAST REPORT:

PERCENT RECOVERY:

COMMENTS: Drill 7-7/8" hole to 550'. Conditioning hole preparatory to running 4-1/2" surface casing.

BB:SR:42

cc: CTC, HHR, GV, BT

TOTAL ESTIMATED COST TO DATE:

By: \_\_\_\_\_