

OFFICE USE ONLY  
 Log No. 47895  
 Permit No. \_\_\_\_\_  
 Basin. 081

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

**WELL DRILLER'S REPORT**  
 Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

page 1 of 10 pages  
 NOTICE OF INTENT NO. 23399

Consultant: ICF Kaiser Engineers  
 1. OWNER: \_\_\_\_\_ ADDRESS AT WELL LOCATION: \_\_\_\_\_  
 MAILING ADDRESS: 11290 Point East Drive, Suite 200 Rocketdyne, Axhandle Rd  
Rancho Cordova, CA 95742 Palomino Valley Reno, NV  
 2. LOCATION: SE 1/4 SE 1/4 Sec. 29 T. 22 N/S R. 21 E. Washoe County  
 PERMIT NO. M/O # 708 BIA 76-150-01 Palomino Valley Out 4 29.2.1.2  
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_  
 4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock  
 5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Silty sand (SM): feldspar (65%), quartz, (20%) biotite (15%); fine to medium grained; granular; pink (5YR 7/4); loose; dry @ 5' Sand becomes well compacted		0	10	10
@ 10' Granite; feldspar (65%), quartz (20%) biotite (15%); fine to medium grained; granular; pink (5YR 7/4); decomposed loose; intensely weathered; moderately soft dry.				
@ 15' Granite becomes dense.				
@ 26' to 28' Transition from intensely weathered disaggregated granite into competent moderately weathered granite.				
@ 28' Begin adding water to borehole to remove cuttings.				
Moisture content of _____				

8. WELL CONSTRUCTION  
 Depth Drilled 277.4 Feet Depth Cased 277.4 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From \_\_\_\_\_ To \_\_\_\_\_  
9 Inches 0 Feet 277.4 Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5" Carbon Steel			0	237.2

Perforations:  
 Type perforation Factory Sawn Slot  
 Size perforation 0.065  
 From 237.2 feet to 277.4 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 0-220.2  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 Bentonite Seal: 220.2-227.6  
 Gravel Packed:  Yes  No Coarse AQ.  
 From #30/227.6-230.1 feet to 230.1-277.4 feet

9. WATER LEVEL  
 Static water level 207 feet below land surface  
 Artesian flow N/A G.P.M. N/A P.S.I.  
 Water temperature N/A °F Quality N/A

Continued on to page 2 of 10 pages  
 Date started September 13, 1993, 19\_\_\_\_\_  
 Date completed September 18, 1993, 19\_\_\_\_\_

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Wayne Drilling Inc. Contractor  
 Address P.O. Box 12370 Contractor  
Reno, Nevada 89510  
 Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources. He on-site driller: 908  
 Signed [Signature]  
 By driller performing actual drilling on site or contractor  
 Date February 23, 1995

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
No Test			

2/10

OFFICE USE ONLY  
 Log No. 47895  
 Permit No. \_\_\_\_\_  
 Basin OP

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO23399

Consultant:

1. OWNER ICF KAISER Engineers ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS 11290 Point East Drive, Suite 200 Rocketdyne, Axhandle  
Rancho Cordova, CA 95742 Palomino Valley

2. LOCATION 1/4 1/4 Sec. \_\_\_\_\_ T. \_\_\_\_\_ N/S R. \_\_\_\_\_ E. \_\_\_\_\_ County \_\_\_\_\_

PERMIT NO. M/O #708 B1A 76-150-01 \_\_\_\_\_  
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
rock is not reported		10	30	20
Granite: feldspar (65%), quartz (30%), biotite (5%); medium-to-coarse grained; granular; yellowish brown (10YR 5/6); moderately weathered; hard @ 43' to 73'- No fractures visible on video log.		30	43	13
GRANITE; feldspar (65%) quartz (30%), biotite (5%); medium-to-coarse grained; granular; yellowish brown (10YR 5/6); moderately weathered; hard.		43	46	3
Granite; feldspar (65%) quartz (20%), biotite (14%), hornblende (1%); fine-to-medium grained; granular; yellowish brown (10YR 5/6); moderately weathered; hard. @ 73' Fracture; moderately thin, tight				

8. WELL CONSTRUCTION

Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet

HOLE DIAMETER (BIT SIZE)

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:

Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_

From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout

Depth of Seal \_\_\_\_\_

Placement Method:  Pumped  Poured

Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL

Static water level \_\_\_\_\_ feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Wayne Drilling Inc. Contractor  
 Address P.O. Box 12370 Contractor  
Reno Nevada 89510

Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908

Signed [Signature]  
 Date February 23, 1995

Date started \_\_\_\_\_, 19\_\_\_\_  
 Date completed \_\_\_\_\_, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

OFFICE USE ONLY

Log No. 47895

Permit No. \_\_\_\_\_

Basin 084

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23399

Consultant:

1. OWNER ICE Kaiser Engineers ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS 11290 Point East Drive, Suite 200 Rocketdyne, Axhandle Rd  
Rancho Cordova, CA 95742 Palomino Valley

2. LOCATION 1/4 1/4 Sec T N/S R E County \_\_\_\_\_  
 PERMIT NO. M/O # 708 BIA 76-150-01 Subdivision Name \_\_\_\_\_  
Issued by Water Resources Parcel No.

3. WORK PERFORMED  New Well  Replace  Recondition  Deepen  Abandon  Other \_\_\_\_\_  
 4. PROPOSED USE  Domestic  Municipal/Industrial  Irrigation  Monitor  Test  Stock

5. WELL TYPE  Cable  Rotary  RVC  Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
@ 76' Fracture; moderately thin; tight.		46	76	30
Granite; feldspar (65%), quartz (20%), biotite (14%), hornblend (1%); fine to medium grained; granular; yellowish brown (10YR 5/6); moderately weathered; hard.		76	82	6
Granite; feldspar (60%), quartz (20%) biotite (20%); fine to coarse grained; granular; yellowish brown (10YR 5/6); moderately weathered, hard. @ 105' Fracture; moderately thick, tight @ 107' to 109' fractures; moderately thick, open.				
@ 101' Xenolith ( 1 foot in diameter).		82	101	19
Granite; feldspar (50%), quartz (25%), biotite (20%), hornblende (5%) medium-to-coarse				

8. WELL CONSTRUCTION

Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet

HOLE DIAMETER (BIT SIZE)

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

\_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

\_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:

Type perforation \_\_\_\_\_

Size perforation \_\_\_\_\_

From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  Cement Grout  Concrete Grout

Depth of Seal \_\_\_\_\_

Placement Method:  Pumped  Poured

Gravel Packed:  Yes  No

From \_\_\_\_\_ feet to \_\_\_\_\_ feet

page 3 continued to page 4

Date started \_\_\_\_\_, 19\_\_\_\_

Date completed \_\_\_\_\_, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. WATER LEVEL

Static water level: \_\_\_\_\_ feet below land surface

Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.

Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Wayne Drilling Inc. Contractor

Address P.O. Box 12370 Contractor

Reno Nevada 89510

Nevada contractor's license number issued by the State Contractor's Board 22549

Nevada driller's license number issued by the Division of Water Resources the on-site driller 908

Signed Wayne P. Johnson by driller performing actual drilling on site or contractor

Date February 23, 1995

4/10

WHITE--DIVISION OF WATER RESOURCES  
CANARY--CLIENT'S COPY  
PINK--WELL DRILLER'S COPY

STATE OF NEVADA  
DIVISION OF WATER RESOURCES

OFFICE USE ONLY

Log No. 47895

Permit No. \_\_\_\_\_

Basin 084

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in  
accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO23399

Consultant:

1. ~~OWNER~~ ICF Kaiser Engineers ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS 11290 Point East, Suite 200 Rocketdyne, Axhandle Rd  
Rancho Cordova, Ca. 95742 Palomino Valley

2. LOCATION 1/4 1/4 Sec. \_\_\_\_\_ T. \_\_\_\_\_ N/S R. \_\_\_\_\_ E. \_\_\_\_\_ County \_\_\_\_\_  
 PERMIT NO. M/O #708 B1A 76-150-01  
 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED 4. PROPOSED USE 5. WELL TYPE

New Well  Replace  Recondition  Domestic  Irrigation  Test  Cable  Rotary  RVC  
 Deepen  Abandon  Other \_\_\_\_\_  Municipal/Industrial  Monitor  Stock  Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
grained; granular; yellowish brown (10YR 5/6); moderately weathered, hard. @105' Fracture; moderately thick, tight @ 107' to 109' Fractures; moderately thic, open. @ 111' to 113' Fractures become moderately spaced, moderately thick, tight to moderately open. surfaces are iron-oxide stained.		101	113	12
Granite; feldspar (60%), biotite (25%) quartz (15%); fine to medium grained; granular; bluish gray (5B 6/1); moderately weathered; hard. @ 115' to 116' Xenoliths ( 1 foot in diameter)		113	121	8
Granite; feldspar (60%), biotite (25%), quartz (15%); fine-to-medium grained; granular; bluish gray (5B 6/1); moderately weathered hard.				

8. WELL CONSTRUCTION

Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet

HOLE DIAMETER (BIT SIZE)

From \_\_\_\_\_ To \_\_\_\_\_  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:

Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout

Depth of Seal \_\_\_\_\_  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL

Static water level \_\_\_\_\_ feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Wayne Drilling Inc. Contractor  
 Address P.O. Box 12370 Contractor  
Reno Nevada 89510

Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908

Signed [Signature] by driller performing actual drilling on site or contractor  
 Date February 23, 1995

page 4 continued to page 5  
 Date started \_\_\_\_\_, 19\_\_\_\_  
 Date completed \_\_\_\_\_, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

5/10

WHITE-DIVISION OF WATER RESOURCES  
CANARY-CLIENT'S COPY  
PINK-WELL DRILLER'S COPY

STATE OF NEVADA  
DIVISION OF WATER RESOURCES

OFFICE USE ONLY

Log No. 47885

Permit No. 884

Basin

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in  
accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23399

Consultant:

1. ~~OWNER~~ ICF Kaiser Engineers ADDRESS AT WELL LOCATION 200 Rocketdyne  
 MAILING ADDRESS 11290 Poine East Drive, Suite 200  
Rancho Cordova, CA 95742

2. LOCATION 1/4 1/4 Sec. T N/S R. E County \_\_\_\_\_  
 PERMIT NO. M/O# 708 B1A 76-150-01  
 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
@ 122; to 128' Zone of moderately spaced, moderately thin, tight, partially healed fractures with clacite filling.		121	124	3
Granite; feldspar (70%), quartz (15%), biotite (15%); medium-to-coarse grained; granular; yellowish brown (10YR 5/6); moderately weathered; hard; fractures are moderately spaced, very thin to moderately thick, and tight.		124	132	8
Granite; feldspar (60%), biotite (25%), quartz (10%), hornblende (5%); bluish gray (5B 6/1); fresh; hard. @ 134' Fracture; moderately thick, open, moderately weathered surface.				
@135' Xenolith (1 foot in diameter).				
@139' Xenolith (1 foot in diameter).		132	143	11

8. WELL CONSTRUCTION

Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet

HOLE DIAMETER (BIT SIZE)

From \_\_\_\_\_ To \_\_\_\_\_

\_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

\_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

\_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:

Type perforation \_\_\_\_\_

Size perforation \_\_\_\_\_

From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout

Depth of Seal \_\_\_\_\_

Placement Method:  Pumped  Poured

Gravel Packed:  Yes  No

From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL

Static water level \_\_\_\_\_ feet below land surface

Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.

Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

Date started \_\_\_\_\_, 19 \_\_\_\_\_

Date completed \_\_\_\_\_, 19 \_\_\_\_\_

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Wayne Drilling Inc. Contractor

Address P.O. Box 12370 Contractor  
Reno Nevada 89510

Nevada contractor's license number issued by the State Contractor's Board 22549

Nevada driller's license number issued by the Division of Water Resources, the on-site driller: 908

Signed [Signature]  
 By driller performing actual drilling on site or contractor

Date February 23, 1995

OFFICE USE ONLY  
 Log No. 47895  
 Permit No. \_\_\_\_\_  
 Basin 084

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in  
 accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23399

Consultant:

1. OWNER ICF Kaiser Engineers ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS 11290 Point East Drive, suite 200 Rocketdyne  
Rancho Cordova, CA 95742

2. LOCATION 1/4 1/4 Sec. T N/S R. E County \_\_\_\_\_  
 PERMIT NO. M/O # 708 B1A 76-150-01  
 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
(5YR 8/3); fresh; hard; sharp discordant contact with granite; large K-feldspar phenocrysts present; fractures are closely spaced tight to open, with fresh surfaces. Granite; feldspar (60%) quartz (20%), biotite (20%); fine to medium grained; granular; yellowish brown		163	167	
(10YR 5/6): moderately weathered; hard; sharp, discordant contact with pegmatite. @ 176' to 190" Abundant xenoliths composed of hornblende and biotite in a granite matrix. @ 185' Fracture; moderately thick open. @ 190' mafic inclusions no longer dominant. Granite; feldspar (70%), quartz (20%), biotite (10%); fine to coarse grained; granular; yellowish brown		167	174	7

8. WELL CONSTRUCTION  
 Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet  
 HOLE DIAMETER (BIT SIZE)  
 From \_\_\_\_\_ To \_\_\_\_\_  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:  
 Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout  
 Depth of Seal \_\_\_\_\_  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL  
 Static water level \_\_\_\_\_ feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Wayne Drilling Inc. Contractor  
 Address P.O. Box 12370 Contractor  
Reno Nevada 89510

Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908  
 Signed Wayne Helman By driller performing actual drilling on site or contractor  
 Date February 23, 1995

(page 7 continued to page 8)  
 Date started \_\_\_\_\_, 19\_\_\_\_  
 Date completed \_\_\_\_\_, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

8/10

WHITE-DIVISION OF WATER RESOURCES  
CANARY-CLIENT'S COPY  
PINK-WELL DRILLER'S COPY

STATE OF NEVADA  
DIVISION OF WATER RESOURCES

OFFICE USE ONLY	
Log No.	47895
Permit No.	
Basin	084

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23399

Consultant:

1. ~~OWNER~~ ICF Kaiser Engineers ADDRESS AT WELL LOCATION  
MAILING ADDRESS: 11290 Point East Drive, Suite 200 Rocketdyne  
Rancho Cordova, Ca 95742

2. LOCATION 1/4 Sec. T N/S R. E. County  
PERMIT NO. M/O # 708 BIA 76-150-01  
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other  
 4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock  
 5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thickness
(10YR 5/6): slightly weathered; some manganese-oxide staining present. @191' to 193' Zone of closely spaced, moderately thick, open, fractures.		174	194	20
Granite; feldspar (65%), quartz (20%), biotite (15%) fine to coarse grained; granular; yellowish brown (10YR 5/6); moderately weathered; hard; fractures are moderately spaced, tight to moderately open, and partially healed with calcite filling and iron-oxide staining.		194	204	10
Granite as above except color change to bluish gray (5B 6/1); medium grained; granular; slightly weathered; hard.		204	211	7
Granite as above with green mineralization noted on cleavage				

8. WELL CONSTRUCTION  
 Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet  
 HOLE DIAMETER (BIT SIZE)  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:  
 Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout  
 Depth of Seal \_\_\_\_\_  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL  
 Static water level \_\_\_\_\_ feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Wayne Drilling Inc Contractor  
 Address P.O. Box 12370 Contractor  
 Reno, Nevada  
 Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources, the on site driller 908  
 Signed [Signature] by driller performing actual drilling on site or contractor  
 Date February 23, 1995

page 8 continued on to page 9  
 Date started \_\_\_\_\_, 19\_\_\_\_  
 Date completed \_\_\_\_\_, 19\_\_\_\_

7. WELL TEST DATA			
TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

2/10

WHITE-DIVISION OF WATER RESOURCES  
CANARY-CLIENT'S COPY  
PINK-WELL DRILLER'S COPY

STATE OF NEVADA  
DIVISION OF WATER RESOURCES

OFFICE USE ONLY	
Log No.	47205
Permit No.	
Basin	084

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in  
accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23399

Consultant:

1. **OWNER** ICF Kaiser Engineers ADDRESS AT WELL LOCATION  
MAILING ADDRESS 11290 Point East Drive, Suite 200 Rocketdyne  
Rancho Cordova, CA 95742

2. LOCATION 1/4 1/4 Sec. T N/S R E County  
PERMIT NO. M/O # 708 B1A 76-150-01  
Issued by Water Resources Parcel No. Subdivision Name

3. **WORK PERFORMED**  New Well  Replace  Recondition  
 Deepen  Abandon  Other

4. **PROPOSED USE**  Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. **WELL TYPE**  Cable  Rotary  RVC  
 Air  Other

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thick-ness
surfaces; iron-oxide staining present. @ 214' to 218' zone of thick, partially healed fractures with calcite filling and iron oxide staining.		211	214	3
Granite; feldspar (65%), quartz (20%), biotite (15%); fine to coarse grained; granular; bluish gray (5B 6/1); moderately weathered; hard. @ 223' Granite becomes yellowish brown (10YR 5/6); thick, open fracture. @ 225' to 228' zone of moderately weathered, iron oxide stained, fractures. @ 228' Fractures become widely spaced. @ 236' large xenolith.		214	236	22
Granite; feldspar (65%), quartz (20%), biotite (15%); fine to coarse grained; granular; yellowish brown (10YR 5/6); fresh; hard.				

8. **WELL CONSTRUCTION**

Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet

**HOLE DIAMETER (BIT SIZE)**

From \_\_\_\_\_ To \_\_\_\_\_  
Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

**CASING SCHEDULE**

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:  
Type perforation \_\_\_\_\_  
Size perforation \_\_\_\_\_  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
Depth of Seal \_\_\_\_\_  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout

Gravel Packed:  Yes  No  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Page 9 continued on to page 10  
Date started \_\_\_\_\_, 19\_\_\_\_  
Date completed \_\_\_\_\_, 19\_\_\_\_

7. **WELL TEST DATA**

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. **WATER LEVEL**

Static water level: \_\_\_\_\_ feet below land surface  
Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. **DRILLER'S CERTIFICATION**

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Wayne Drilling Inc.  
Contractor

Address P.O. Box 12370  
Contractor  
Reno, Nevada 89510

Nevada contractor's license number issued by the State Contractor's Board 22549

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908

Signed [Signature]  
driller performing actual drilling on site or contractor

Date February 23, 1995

Log No. 47895  
 Permit No. \_\_\_\_\_  
 Basin. 084

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO 23399

Consultant:

1. OWNER ICF Kaiser Engineers ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS 11290 Point East Drive, Suite 200 Rocketdyne  
Rancho Cordova, CA 95742

2. LOCATION 1/4 1/4 Sec. \_\_\_\_\_ T. \_\_\_\_\_ N/S R. \_\_\_\_\_ E. \_\_\_\_\_ County \_\_\_\_\_  
 PERMIT NO. M/O #708 B1A 76-150-01 \_\_\_\_\_  
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED  New Well  Replace  Recondition  Deepen  Abandon  Other \_\_\_\_\_  
 4. PROPOSED USE  Domestic  Municipal/Industrial  Irrigation  Monitor  Test  Stock

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Some fragments showing containing up to 90% biotite. @ 240'				
Large zenolith. @ 241'				
Fractures becomes widely spaced with minor iron oxide staining. @253' to 256'				
Abundant zenoliths. @259' Fractures become closely to moderately spaced. @263' to 264'				
Large zenoliths. @ 264' to 270' fractures are closely spaced, heavily iron oxide stained appears to be shear zone. @273 to 275'				
Abundant zenoliths. @275' to 277' Heavy iron oxide staining. Appears to be shear zone.		236	277.4	41.4

8. WELL CONSTRUCTION  
 Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet  
 HOLE DIAMETER (BIT SIZE)  
 From \_\_\_\_\_ To \_\_\_\_\_  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:  
 Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  Cement Grout  Concrete Grout  
 Depth of Seal \_\_\_\_\_  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started: \_\_\_\_\_, 19\_\_\_\_\_  
 Date completed: \_\_\_\_\_, 19\_\_\_\_\_

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

9. WATER LEVEL  
 Static water level \_\_\_\_\_ feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Wayne Drilling Inc. Contractor  
 Address P.O. Box 12370 Contractor  
Reno, Nevada 89510  
 Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908  
 Signed Wayne Drilling Inc.  
 \_\_\_\_\_ driller performing actual drilling on site or contractor  
 Date February 23, 1995