

STATE OF NEVADA
 DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
 Log No. **87458**
 Permit No. **213**
 Basin **22141**

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 530.70 and NAC 534.340

NOTICE OF INTENT NO. **MOHAVE GENERATING**

1. OWNER **SOUTHERN CALIFORNIA EDISON** ADDRESS AT WELL LOCATION **STATION 605 BRUCE WOODBURY DR. LAS VEGAS, NV 89109**
 MAILING ADDRESS **P.O. BOX 700 ROOSEVELD, CA 95770**
 2. LOCATION **SE 1/4 NW 1/4 Sec. 21 T. 32 N. S. R. 86 CLARK** County **MOHAVE GENERATING STATION**
 PERMIT NO. **69E** Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other **Verification**
 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
#69E Well Certification				
All aboveground measurements				
1 1/2" sound tube into casing (bottom unknown)		0	129 min.	
1 1/2" top sound tube		0	29.5	
8 5/8" casing sound tube 1 1/2" into casing		0	24.5"	
Protection none (No ballard protection)		0	10 1/4"	

8. WELL CONSTRUCTION
 Depth Drilled **200** Feet Depth Cased **200** Feet
 HOLE DIAMETER (BIT SIZE)
 From To
15.5 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)
8 5/8"		steel unknown	0	140
8 5/8"		stainless steel	140	200

Perforations: **Machine**
 Type perforation **3/32x3" vertical slot**
 Size perforation
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout
 Placement Method: Pumped Poured
 Gravel Pack: Yes No **200 1/8" to 1/4" gravel**
 From feet to feet

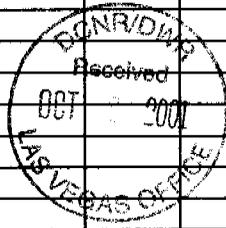
9. WATER LEVEL
 Static water level **72-77** feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name **ALLEN DRILLING INC.** Contractor
 Address **487 S. VALLEY VIEW LAS VEGAS, NV 89109** Contractor
 Nevada contractor's license number **18917** issued by the State Contractor's Board.
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller **1301**
 Signed **Fred S. Allen**
 By driller performing actual drilling on site or contractor
 Date _____

Date started **August 16** **1900**
 Date completed **August 16** **1900**

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			



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WELL NUMBER: 69E

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WELL CONSTRUCTION SUMMARY

DATE COMPLETED: 03/23/74 DEPTH DRILLED: 200 FEET DIAMETER DRILLED: 15 INCHES
CONTRACTOR: DRILLING AND PUMPS, INC. METHOD: MUD ROTARY GEOPHYSICAL LOG: NO LITHOLOGIC LOG: YES

Casing

Interval: 0 - 140 FEET Diameter: 8 INCHES Material: STEEL
Interval: - FEET Diameter: INCHES Material:

Screen

Interval: 140 - 200 FEET Diameter: 8 INCHES Material: STEEL

Slot Size: 3/32 BY 3 INCH VERTICAL SLOTS

Gravel Pack

Interval: 50 - 200 FEET Material: 1/8" TO 1/4" GRAVEL
Interval: - FEET Material:

Sanitary Seal

Interval: 0 - 50 FEET Material: CEMENT

Sounding Pipe: 3/4" PVC IN ANNULUS/DRILLED HOLES

WELL TESTING

Test Date: 11/04/75 Duration: 24 HOURS Discharge: 25.0 GPM
Static Water Level: 69.3 FEET Drawdown: 7.3 FEET Specific capacity: 3.4 GPM/FT

PUMP INSTALLATION

Date Installed: 03/10/92 Model: 80 s 100-10 Meter #: 92-3-206
Manufacturer: GRUNDFOS Volts: 460.0 Amps: 14.2 Phase: 3
Horsepower: 10.00
Riser Pipe Length: 126 FEET Diameter: 2 1/2 INCHES Material: STEEL
Intake Depth: 132 FEET Pumping Level: FEET Discharge: GPM

REFERENCE ELEVATIONS

Ground Elevation: 564.40 FEET
Sounding Port Elevation: 566.47 FEET

WELL MAINTAINENCE

Redevelopment:



Equipment: REPLACED SOUNDING PIPE AND 126 FEET OF RISER PIPE - 3/2/92

REPLACED CHECK VALVE