

OFFICE USE ONLY
 Log No. 816606
 Permit No. 213
 Basin 2040

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. 2040
MOHAVE GENERATING

1. OWNER **SOUTHERN CALIFORNIA EDISON** ADDRESS AT WELL LOCATION **MOHAVE GENERATING STATION 653 BRUCE WOODBURY DR. LADDER LN, NV 89605**
 MAILING ADDRESS **P.O BOX 700 ROSEMEAD, CA 91770**
 2. LOCATION **SW 1/4 SE 1/4 Sec. 23 T 32 R 66 CLARK** County **MOHAVE GENERATING STATION**
 PERMIT NO. 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
 5. WELL TYPE
 Cable Rotary RVC Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
#858 Well Certification				
2" sounding tube			10.5	
6" casing			22'	
1- ballard protection				
Well measured depth 232'				
Only well depth, static water level and above ground measurements could be confirmed by Allen Drilling. All other measurements are taken off the accompanying well log.				

8. WELL CONSTRUCTION
 Depth Drilled 350 Feet Depth Cased 345 Feet
 HOLE DIAMETER (BIT SIZE)
 From To
12" 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)
6"	steel		0	205'
6"	steel perforated		205'	245'

Perforations:
 Type perforation Unknown
 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
 Depth of Seal _____
 Placement Method: Pumped Poured
 Gravel Packed Yes No 180' pea gravel
 From 180' feet to 345' 6x14 crystal sili

9. WATER LEVEL
 Static water level 214.70 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started 11/9/01 19_____
 Date completed 11/9/01 19_____

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			

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
ALLEN DRILLING INC.
 Name _____
 Address **4847 S. VALLEY VIEW LAS VEGAS, NV 89105**
 Nevada contractor's license number **18917** issued by the State Contractor's Board
 Nevada driller's license number issued by the **1301** Division of Water Resources, the on-site driller
 Signed Fred B. Allen
 By driller performing actual drilling on site or contractor
 Date 11/30/01

DCNR/DWR
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 LAS VEGAS OFFICE

86606

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WELL NUMBER: 85B
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WELL CONSTRUCTION SUMMARY

DATE COMPLETED: 03/05/83 DEPTH DRILLED: 350 FEET DIAMETER DRILLED: 12 1/4 INCHES
CONTRACTOR: HOWARD PUMP, INC. METHOD: MUD ROTARY GEOPHYSICAL LOG: NO LITHOLOGIC LOG: YES

Casing
Interval: 0 - 205 FEET Diameter: 6 INCHES Material: STEEL
Interval: - FEET Diameter: INCHES Material:
Screen
Interval: 205 - 345 FEET Diameter: 6 INCHES Material: STEEL
Slot Size: .04" X 2.5" VERTICAL SLOTS/36 PER FOOT
Gravel Pack
Interval: 50 - 180 FEET Material: PEA GRAVEL
Interval: 180 - 345 FEET Material: 6-14 CRYSTAL SILICA
Sanitary Seal
Interval: 0 - 50 FEET Material: CEMENT
Sounding Pipe: 2 INCH IN ANNULUS; SAME AS WELL CASING

WELL TESTING

Test Date: 03/06/83 Duration: 2.9 HOURS Discharge: 160.0 GPM
Static Water Level: 211.7 FEET Drawdown: 2.1 FEET Specific capacity: 75.0 GPM/FT

PUMP INSTALLATION

Date Installed: 03/11/92
Manufacturer: GRUNDFOS Model: 60 S 75-13 Meter #: 92-3-204
Horsepower: 7.50 Volts: 460.0 Amps: 13.0 Phase: 3
Riser Pipe Length: 294 FEET Diameter: 2 INCHES Material: galvanized
Intake Depth: 300 FEET Pumping Level: FEET Discharge: GPM

REFERENCE ELEVATIONS

Ground Elevation: 707.15 FEET
Sounding Port Elevation: 707.37 FEET

WELL MAINTAINENCE

Redevelopment:

Equipment: REPLACE RISER PIPE - 3/11/92

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WELL NUMBER 85B

WELL CONSTRUCTION SUMMARY

Date Completed: 03/05/83 Total Depth: 350 feet Use: Remediation
Drill Method: Mud Rotary Hole Diameter: 12-inch Measuring Point Elevation: 707.39 feet

Well Casing:
0 to 205 feet of 6-inch blank steel

Casing Perforations:
205 to 345 feet of 6-inch steel

Gravel Pack:
50 to 180 feet of pea gravel, 180 to 345 feet of 6-14 Crystal Silica Sand

Well Seal:
0 to 50 feet of cement

Sounding Tube:
2-inch diameter pipe in gravel pack, same design as well casing

PUMP INSTALLATION

Installed: 8/25/94	Model: 40 S 75-21	HP: 7.5	Amps: 13
Manufacturer: Grundfos	Intake Depth: 300	Volts: 460	Phase: 3
Riser Pipe: 294	Pipe Diameter: 2	Pipe Material: Galvanized	

WELL MAINTENANCE

3/11/92 – Replaced pump, wire, and riser pipe due to corrosion. Installed new water meter.
2/3/93 – Replaced 7.5 hp motor which was damaged by electrical surges on the supply line.
8/25/94 – Pump began to fail. Removed pump and discovered holes in riser pipe and corrosion in pump. To save the well, a prepack casing sleeve was installed that matched the old well design. A new pump was installed with 100 feet of new riser pipe.

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