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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 84989
Permit No. 213
Basin

NOTICE OF INTENT NO. 2242

1. OWNER: SOUTHERN CALIFORNIA EDISON
MAILING ADDRESS: P.O BOX 700
ROSEMEAD, CA 91770

ADDRESS AT WELL LOCATION: MOHAVE GENERATING
STATION 655 BRUCE WOODBURY DR.
LAUGHLIN, NV 89029

2. LOCATION: SW ¼ NE ¼ Sec. 27 T. 32 N/S R. 66 E. CLARK County
PERMIT NO. ____ Issued by Water Resources | 58A Parcel No. | MOHAVE GENERATING STATION 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 | Thickness |
|---|---|---|---|---|
| #58A Well Certification | | | | |
| All aboveground measurements | | | | |
| 2" sound tube | | 0 | 211' | |
| 6 5/8" Casing | | 0 | 22.5 | |
| 2" sound tube | | 0 | 10" | |
| protection - 3 bollards | | | | |

* Only well depth, static water level and aboveground measurements could be confirmed by Allen Drilling. All other measurements are taken off the accompanying well log.

CONFIDENTIAL Received OCT 2001 LAS VEGAS OFFICE

Date started: August 16, 2001
Date completed: August 16, 2001

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

8. WELL CONSTRUCTION
Depth Drilled: 278' Feet Depth Cased: 270' Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 12 1/ Inches | 0 Feet | 278' Feet |
| Inches | Feet | Feet |
| Inches | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6 5/8 | | steel sch40 | 0 | 10' steel |
| 6" | | pvc sch40 pvc screen | 10' 130' | 130' 270' |

Perforations: Machine
Type perforation: .040
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
Depth of Seal:
Placement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☒ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No 140' pea gravel
From 140' to 270' 16x14 crystal silica feet to ____ feet

9. WATER LEVEL
Static water level: 133.45 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: 4047 S. VALLEY VIEW Contractor
LAS VEGAS, NV 89103

Nevada contractor's license number issued by the State Contractor's Board: 18917
Nevada driller's license number issued by the Division of Water Resources, the on-site driller: 1291

Signed: Fred B. Allen III
By driller performing actual drilling on site or contractor

Date:

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

84459

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WELL NUMBER: 58A

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## WELL CONSTRUCTION SUMMARY

DATE COMPLETED: 01/26/83 DEPTH DRILLED: 278 FEET DIAMETER DRILLED: 12 1/4 INCHES
CONTRACTOR: HOWARD PUMP, INC. METHOD: MUD ROTARY GEOPHYSICAL LOG: NO LITHOLOGIC LOG: YES

Casing
Interval: 0 - 10 FEET Diameter: 6 INCHES Material: STEEL
Interval: 10 - 130 FEET Diameter: 6 INCHES Material: SCH 40 PVC
Screen
Interval: 130 - 270 FEET Diameter: 6 INCHES Material: SCH 40 PVC
Slot Size: 0.04 INCH
Gravel Pack
Interval: 70 - 140 FEET Material: PEA GRAVEL
Interval: 140 - 270 FEET Material: 6-14 CRYSTAL SILICA
Sanitary Seal
Interval: 0 - 70 FEET Material: CEMENT
Sounding Pipe: 2 INCH IN ANNULUS; SAME AS WELL CASING

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## WELL TESTING

Test Date: 02/08/83 Duration: 2.5 HOURS Discharge: 120.0 GPM
Static Water Level: 132.0 FEET Drawdown: 19.0 FEET Specific capacity: 6.3 GPM/FT

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## PUMP INSTALLATION

Date Installed: 06/08/90
Manufacturer: GRUNDFOS Model: 10 S 07-12 Meter #:
Horsepower: 0.75 Volts: 240.0 Amps: 6.3 Phase: 1
Riser Pipe Length: 195 FEET Diameter: 1 INCHES Material: galvanized
Intake Depth: 200 FEET Pumping Level: FEET Discharge: GPM

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## REFERENCE ELEVATIONS

Ground Elevation: 625.51 FEET
Sounding Port Elevation: 626.63 FEET

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## WELL MAINTAINENCE

DCNR/DWR
Received
OCT 2001
LAS VEGAS OFFICE

Redevelopment:

Equipment: