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

PRINT OR TYPE ONLY
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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. 49719
Permit No.
Basin

NOTICE OF INTENT NO. 16005

1. OWNER Las Vegas Valley Water District
MAILING ADDRESS 1001 South Valley View
Las Vegas, NV 89153

ADDRESS AT WELL LOCATION Well #108
South corner of Lone Mountain Road
and El Capitan Way

2. LOCATION NE ¼ NW ¼ Sec. 5 T. 20 N/S R. 60 E. Clark County
PERMIT NO. 60524 Issued by Water Resources
138-05-101-006 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
Soil & alluvial sediments		Ø	103	103
Non cemented gravel		103	190	87
Lenses in soil matrix				
Interbedded gravely		190	242	52
sand & gravel				
Weakly cemented		242	462	220
gravely coarse sand				
Interbedded very weakly		462	595	133
cemented gravels & gravely sand				
moderately to well		595	680	
cemented sandy gravel				
moderately cemented		680	756	
sandy gravel & trace of clay				
well cemented gravel		756	785	
Hard pink boulder		785	830	
red cemented sandstone		830	875	
Sandy gravel & gravel		875	912	

DCNR/DWR Received NOV 22 1995 LAS VEGAS OFFICE

Date started 7-27, 19 95
Date completed 9-23, 19 95

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
430	118.02	24

8. WELL CONSTRUCTION
Depth Drilled 912 Feet Depth Cased 880 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
30 Inches		Ø Feet	57 Feet
18 Inches		57 Feet	912 Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20		.375	Ø	57
12 3/4		.375	Ø	480
12 3/4		.375	560	600
12 3/4		.375	860	880

Perforations:
Type perforation Wire wrap S.S. screen
Size perforation .050
From 480 feet to 560 feet
From 600 feet to 860 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 57
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☒ Cement Grout ☐ Concrete Grout
0-300 cement grout
Gravel Packed: ☒ Yes ☐ No
From 300 feet to 880 feet

9. WATER LEVEL
Static water level feet below land surface
Artesian flow N/A G.P.M. N/A
Water temperature no data °F Quality no data

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Zim Industries, Inc. Contractor
Address 4545 E. Lincoln Ave. Contractor
Fresno CA 93725
Nevada contractor's license number issued by the State Contractor's Board 003724
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1967
Signed C Smith Well
By driller performing actual drilling on site or contractor
Date 11-17-95

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

49119

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WELL DRILLER'S REPORT

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OFFICE USE ONLY
Log No. 49119
Permit No.
Basin

NOTICE OF INTENT NO. 16005

1. OWNER Las Vegas Valley Water Dist.
MAILING ADDRESS 1001 South Valley View
Las Vegas, NV 89153

ADDRESS AT WELL LOCATION Well #108
South west corner of Lone Mountain Road and El Capitan Way

2. LOCATION NE ¼ NW ¼ Sec. 5 T. 20 N/S R. 60 E. Clark County
PERMIT NO. 60524 Issued by Water Resources
138-05-101-006 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
Soil & alluvial sediments		0	103	103
non cemented gravel		103	190	87
Lenses in soil matrix				
Interbedded gravely		190	242	52
Sand & gravel				
weakly cemented		242	462	220
gravely coarse sand				
interbedded very weakly		462	595	133
cemented gravels & gravely sand				
moderately to well		595	680	85
cemented sandy gravel				
moderately cemented		680	756	76
sandy gravel & trace of clay				
well cemented gravel		756	785	29
Hard pink boulder		785	830	45
red cemented sandstone		830	875	45
Sandy gravel & gravel		875	912	37

DCNR/DWR Received DEC 22 1995 LAS VEGAS OFFICE

Date started 7-27, 1995
Date completed 9-23, 1995

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
430	133	24

8. WELL CONSTRUCTION
Depth Drilled 912 Feet Depth Cased 880 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
30 Inches		0 Feet	57 Feet
18 Inches		57 Feet	912 Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20		.375	0	57
12 3/4		.375	0	480
12 3/4		.375	560	600
12 3/4		.375	860	880

Perforations:
Type perforation wire wrap S.S. screen
Size perforation 0.080
From 480 feet to 560 feet
From 600 feet to 860 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 57
Placement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☒ Cement Grout ☐ Concrete Grout
0 - 300 cement grout

Gravel Packed: ☒ Yes ☐ No
From 300 feet to 910 feet

9. WATER LEVEL
Static water level 361 feet below land surface
Artesian flow N/A G.P.M. N/A P.S.I.
Water temperature no data °F Quality no data

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Zim Industries, Inc (Contractor)
Address 4545 E. Lincoln Ave. (Contractor)
Fresno, CA 93725
Nevada contractor's license number issued by the State Contractor's Board 03724
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1907
Signed [signature] (By driller performing actual drilling on site or contractor)
Date 12-18-95

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