

OFFICE USE ONLY

Log No. **25757**
 Permit No. _____
 Basin **212**

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 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. **209785**

1. OWNER **Republic Services of Southern Nevada** ADDRESS AT WELL LOCATION **Starize Mtn. Landfill**
 MAILING ADDRESS **7900 E. Vegas Valley Dr Las Vegas, Nevada 89145** **7900 E Vegas Valley Dr Las Vegas, Nevada**

2. LOCATION **SE 1/4 SW 1/4 Sec. 1 T 21 N R 62 E Clark** County

PERMIT NO. **161-12-002** 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. **MW-15B** LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Silty Sand w/gravel		0	10	10
Sandy Silty gravel		10	13	3
Silty Sand w/gravel		13	20	7
Sandy gravel		20	25	5
Sandy gravel w/gypsum		25	33	8
well graded gravel w/sand		33	39	6
well graded gravel w/silty gravel		39	41	2
well graded gravel w/sand		41	49	8
gravelly sand w/fine to coarse gravel		49	50	1
Sandy gravel		50	60	10
well graded sandy gravel		60	66	6
gravelly sand		66	69	3
Sandy gravel w/rock layers		69	76	7
well graded gravel		76	77	1
Sandy gravel		77	82	5
poorly graded gypsum		82	85	3
gravelly sand w/gypsum		85	87	2
Sandy gravel		87	89	2
gravelly sand		89	90	1
Sandy gravel		90	103	13
Sandy gravel		110	111	1
Gypsum		111	112	1
Sandy gravel		112	190	78
clayey sand w/gravel		190	194	4
Silty clayey sand		194	202	8
Silty sand w/gravel		202	206	4
Silty sand		206	220	14

8. WELL CONSTRUCTION
 Depth Drilled **315** Feet Depth Cased **282** Feet

HOLE DIAMETER (BIT SIZE)
 From **24** Inches To **19** Feet
 From **10** Inches To **315** Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14		5/16	0	19
4		SCH 80 PVC	+2	282

Perforations:
 Type perforation **FACTORY SLOTTED**
 Size perforation **.010**
 From **272** feet to **282** feet

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

Depth of Seal **265**

Placement Method: Pumped Poured

Gravel Packed: Yes No
 From **270** feet to **284** feet

9. WATER LEVEL
 Static water level **276** feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started **11-20-01**
 Date completed **1-20-02**

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
7.09		

RECEIVED
 APR 30 2002
 LAS VEGAS OFFICE

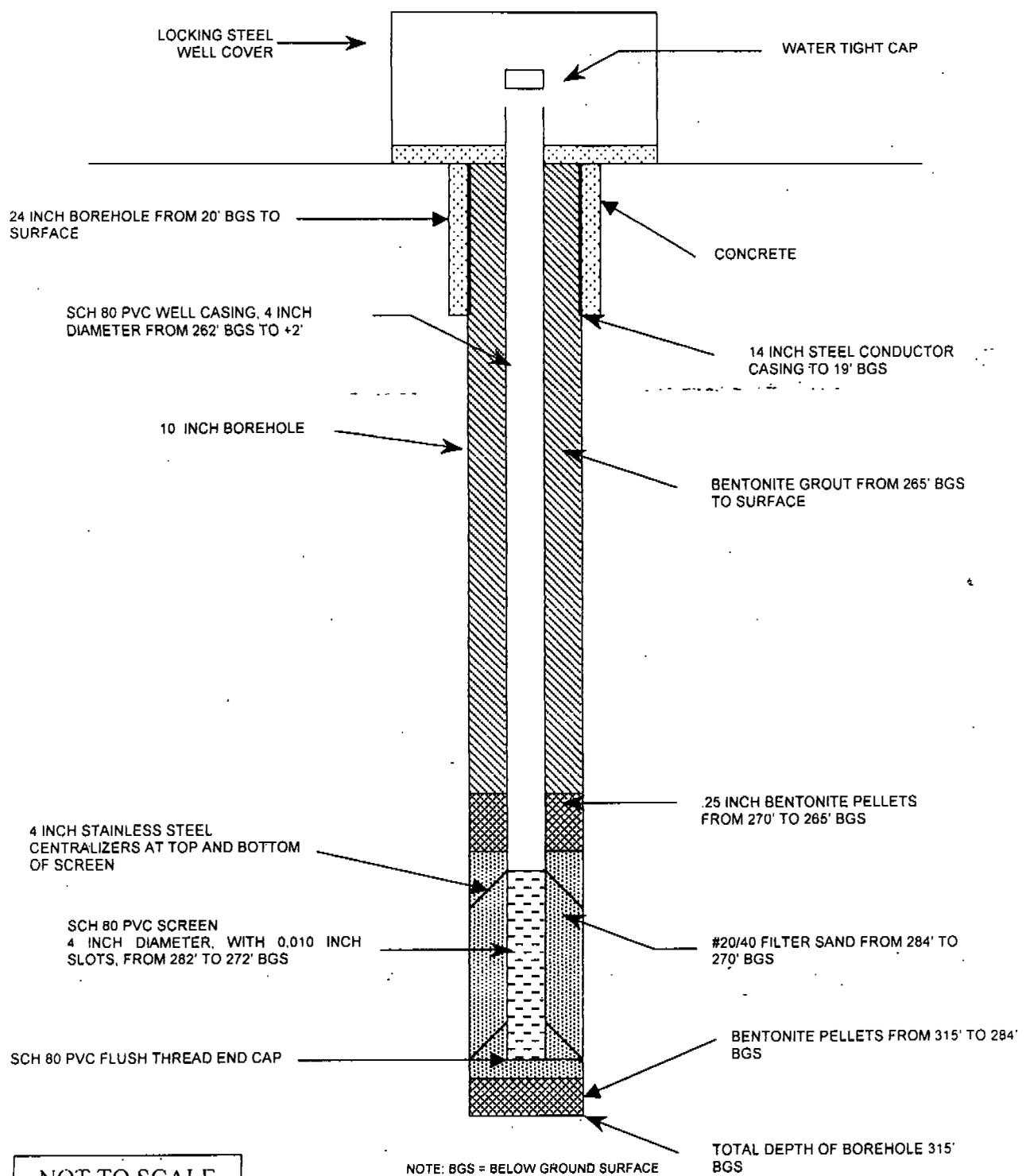
10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name **Layne Christensen Co.** Contractor
 Address **1707 So. 4490 West.** Contractor
Salt Lake City, UT 84164

Nevada contractor's license number issued by the State Contractor's Board **0019101**
 Nevada driller's license number issued by the Division of Water Resources the on-site driller **2057**

Signed **[Signature]** Driller performing actual drilling on site or contractor
 Date **4-11-02**

MW-15B



NOT TO SCALE
AS-BUILT

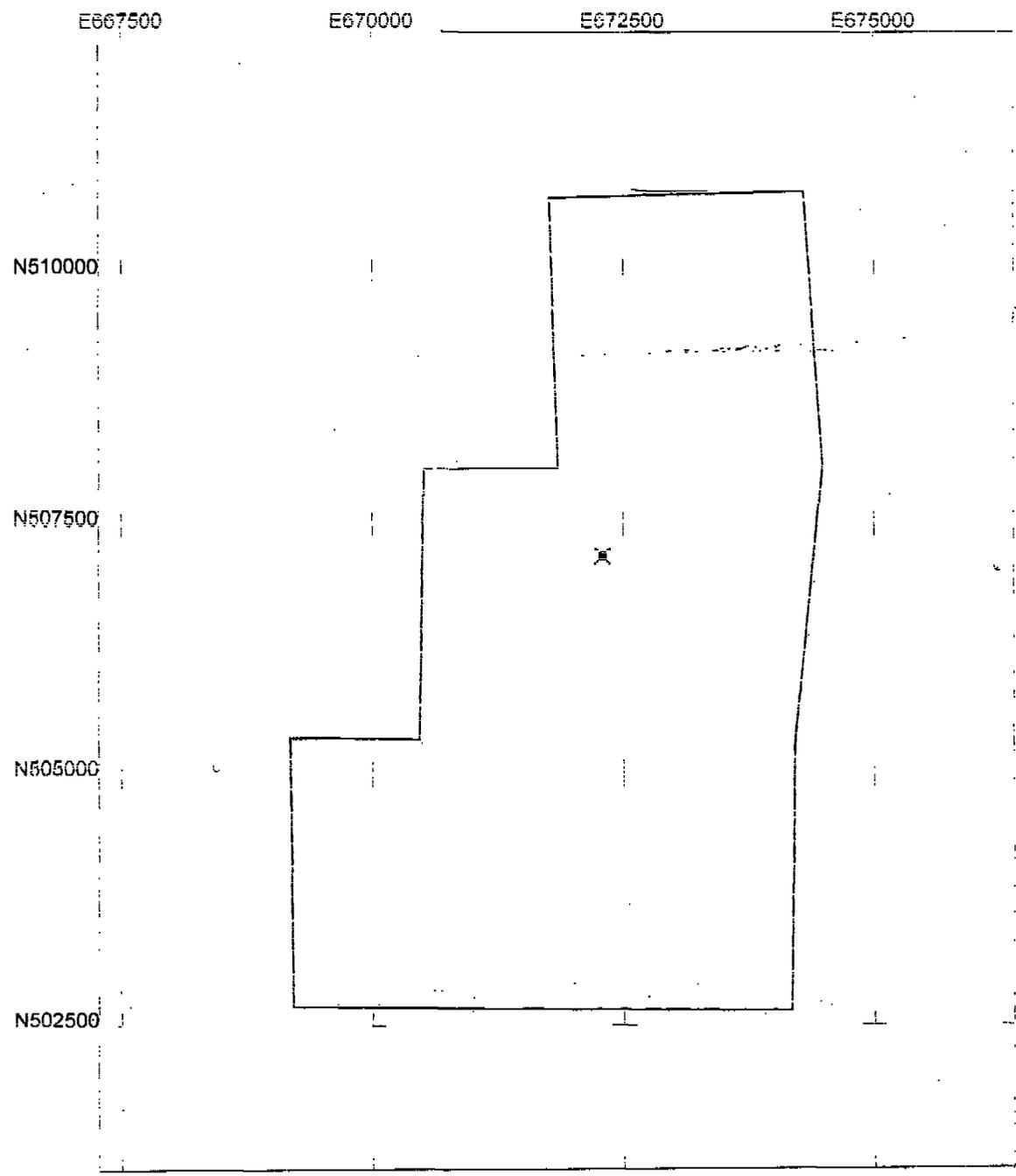
NOTE: BGS = BELOW GROUND SURFACE

TOTAL DEPTH OF BOREHOLE 315' BGS

SCS ENGINEERS 2702 N. 44th Street, 105B Phoenix, Arizona	MW-15B WELL CONSTRUCTION DIAGRAM	
	JOB NO. 99007.01	FIG. 1

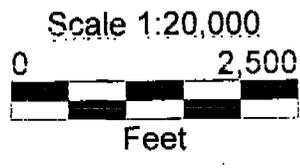
SCS ENGINEERS

85157



MW-15B LOCATION

Sunrise2
US State Plane 1927
Nevada East 2701
NADCON (Conus)



combined.ssf
4/11/02
GPS Pathfinder® Office
 Trimble.