

PRINT OR TYPE ONLY  
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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. **84534**  
 Permit No. **912**  
 Basin. \_\_\_\_\_

NOTICE OF INTENT NO. **20976**

1. OWNER **REPUBLIC DUMPCO INC** ADDRESS AT WELL LOCATION **SUNRISE MOUNTAIN LANDFILL**  
 MAILING ADDRESS **7900 E. Vegas Valley Las Vegas NV 89142**

2. LOCATION **SW 1/4 NE 1/4 Sec. 12 T 21 N OR 62 E Clark** County  
 PERMIT NO. **161-12-002** Issued by Water Resources 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-16A** LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Artificial Fill		0	63	63
Silty Sand w/ gravel		63	69	6
Gravelly Sand w/ silt		69	71	2
Well graded Sand		71	72	1
Conglomerate		72	78	6
Well graded gravel		78	81	3
Conglomerate		81	119	38
Silty Sand w/ gravel		119	142	23
well graded Sand w/ gravel and silt		142	146	4
Silty Sand w/ gravel		146	155	9
Poorly graded Sand w/ gravel		155	158	3
Sandy gravel w/ silt		158	161	3
Clayey Sand w/ gravel		161	189	28
Sandy well graded gravel		189	192	3
Well graded Sand w/ gravel		192	195	3
Sandy well graded gravel w/ clay		195	198	3
Gravelly Sand w/ clay		198	203	5
Gravelly well graded Sand		203	205	2
Poorly graded sand		205	207	2
Gravelly well graded Sand		207	210	3
Clayey Sand		210	218	8
Gravelly well graded Sand		218	220	2
Clayey Sand		220	222	2
SANDSTONE		222	225	3
Gravelly Sand w/ clay		225	233	8
Sand w/ clay		233	236	3

8. WELL CONSTRUCTION  
 Depth Drilled **287** Feet Depth Cased **275** Feet  
 HOLE DIAMETER (BIT SIZE)  
 From **36** Inches To **80** Feet  
 From **12 1/4** Inches To **287** Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14		.375	0	79
2	SCH 40 PVC		+2	240
4	SCH 80 PVC		+4	275

Perforations:  
 Type perforation **FACTORY Cut slot**  
 Size perforation **0.010 inch**  
 From **240** feet to **275** feet  
 From **225** feet to **240** feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal **0-218**  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 Bent Grout  
 Gravel Packed:  Yes  No  
 From **258 to 277** feet to and **223 to 242** feet.

9. WATER LEVEL  
 Static water level **230** feet below land surface  
 Artesian flow **0.20** 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 **Layne Christensen Company** Contractor  
 Address **1707 South 4490 West** Contractor  
**Salt Lake City, UT 84104**

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 **M-1970**  
 Signed **Wilburn L. Franklin**  
 By driller performing actual drilling on site or contractor  
 Date **October 5, 2001**

Date started **8/16/01**  
 Date completed **9/6/01**

7. WELL TEST DATA

TEST METHOD:  Bailor  Pump  Air Lift

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

Log No. \_\_\_\_\_  
 Permit No. \_\_\_\_\_  
 Basin \_\_\_\_\_

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WELL DRILLER'S REPORT

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NOTICE OF INTENT NO. \_\_\_\_\_

1. OWNER \_\_\_\_\_ ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS \_\_\_\_\_

2. LOCATION 1/4 \_\_\_\_\_ 1/4 Sec \_\_\_\_\_ T \_\_\_\_\_ N/S R \_\_\_\_\_ E \_\_\_\_\_ County \_\_\_\_\_

PERMIT NO. \_\_\_\_\_ Issued by Water Resources \_\_\_\_\_ Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_

3. WORK PERFORMED  
 New Well  Replace  Recondition  Domestic  Irrigation  Test  
 Deepen  Abandon  Other \_\_\_\_\_  Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. MW-16A LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Gravelly Sand w/ clay		236	255	19
Sandy clayey gravel		255	256	1
Gravelly Sand w/ clay		256	261	5
Gravel w/ clay		261	268	7
Gravelly Sand w/ clay		268	276	8
Clayey gravel		276	278	2
Gravelly Sand w/ clay		278	280	2
Clayey gravel w/ sand		280	281	1
Clayey Sand		281	282	1
Breccia		282	283	1
Fat clay		283	287	4

8. WELL CONSTRUCTION  
 Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet

HOLE DIAMETER (BIT SIZE)  
 From \_\_\_\_\_ To \_\_\_\_\_  
 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)

Perforations:  
 Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_  
 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  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL  
 Static water level \_\_\_\_\_ 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 \_\_\_\_\_ Contractor \_\_\_\_\_  
 Address \_\_\_\_\_ Contractor \_\_\_\_\_

Nevada contractor's license number issued by the State Contractor's Board \_\_\_\_\_  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller \_\_\_\_\_  
 Signed \_\_\_\_\_ By driller performing actual drilling on site or contractor  
 Date \_\_\_\_\_

Date started \_\_\_\_\_, 19\_\_\_\_  
 Date completed \_\_\_\_\_, 19\_\_\_\_

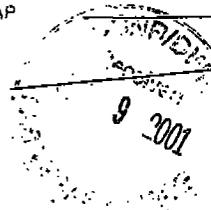
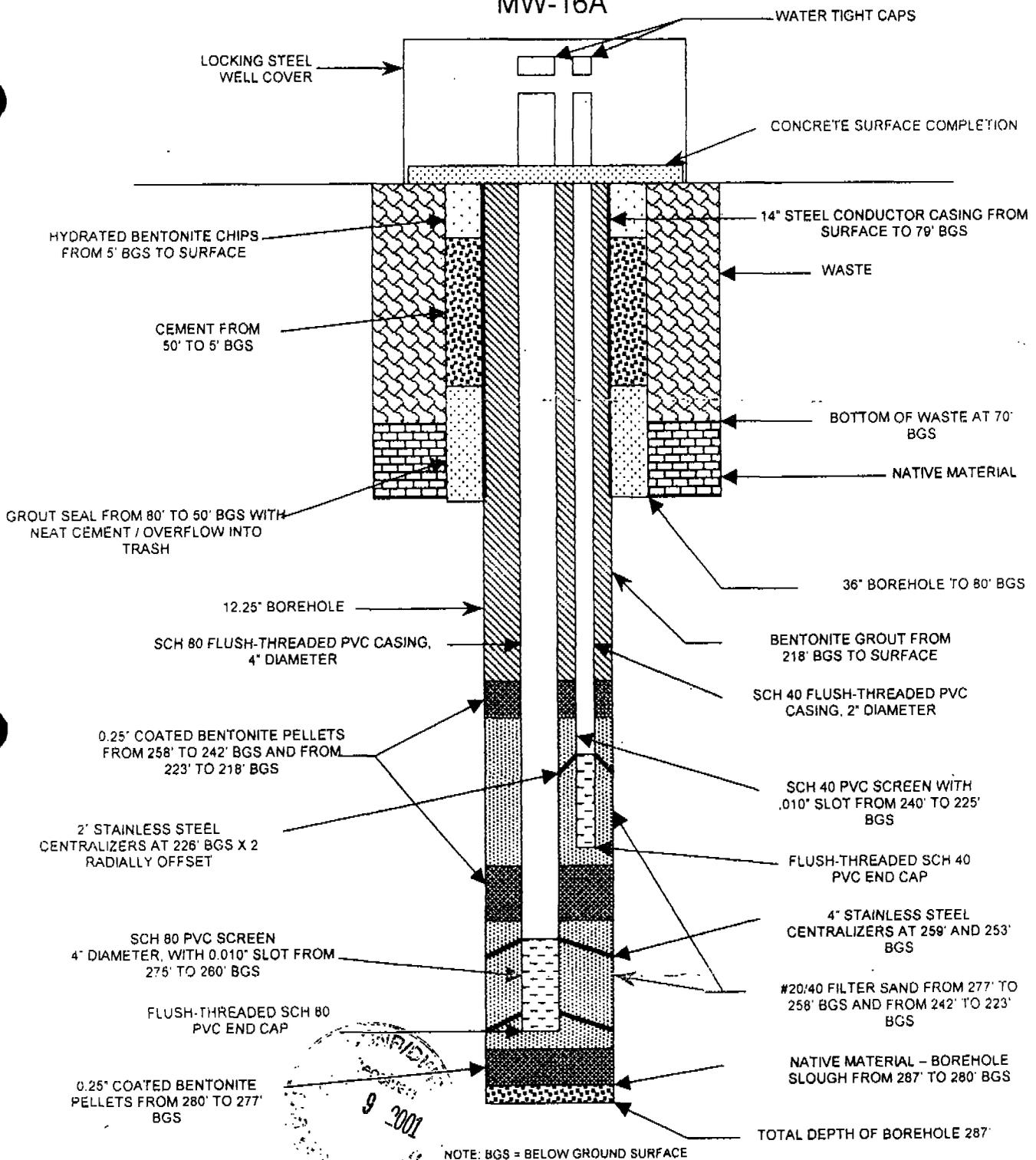
7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

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

84534

# MW-16A



AS - BUILT  
FINAL 9/27/01

NOT TO SCALE

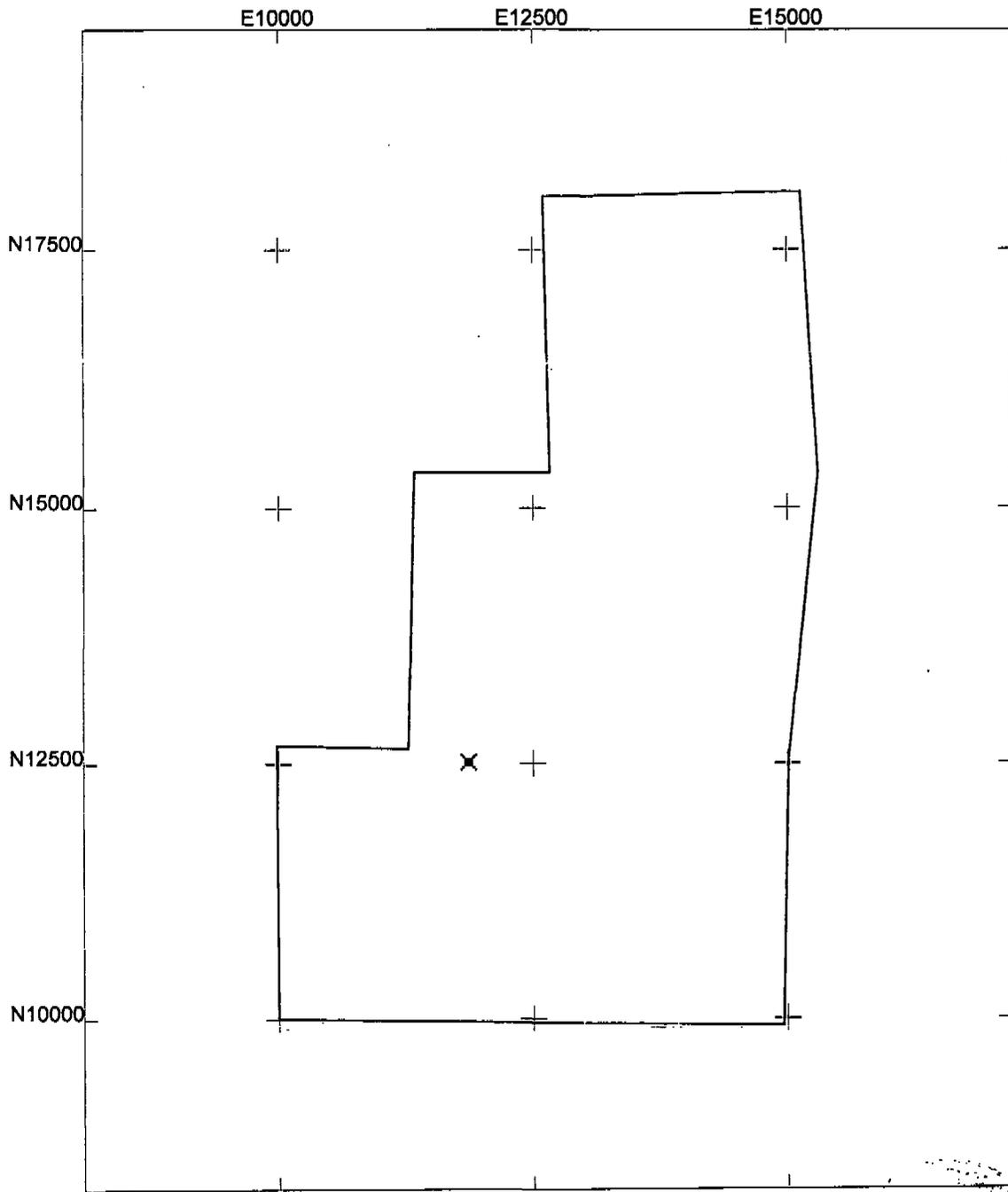
SCS ENGINEERS  
2702 N. 44th Street,  
105B  
Phoenix, Arizona

MW-16A WELL  
CONSTRUCTION DIAGRAM

JOB NO. 99007.01

FIG. 1

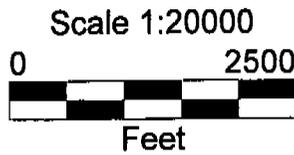
## SCS ENGINEERS



# MW 16A

100-6-2001

Sunrise1  
US State Plane 1927  
Nevada East 2701  
NADCON (Conus)



combined.ssf  
9/27/2001  
Pathfinder Office  
 **Trimble**