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. 78824
Permit No.
Basin ~~106~~ 105

NOTICE OF INTENT NO. 31835

1. OWNER Sierra Scientific
MAILING ADDRESS 2609 Highland Ct. Bakersfield CA 93306
ADDRESS AT WELL LOCATION Local No 105 N10E21 23

2. LOCATION SW ¼ SE ¼ Sec. 14 T. 10 N/S R. 21 E. Douglas County
PERMIT NO. M/O 1169-A (Issued by Water Resources) Parcel No. GTE TOPAZ Site (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
Slate	No	0	112	112
Slate	yes	112	160	38
MW-48				

See attached completion Detail

Date started Nov 4th, 1999
Date completed Nov 7th, 19

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
10	10-15	1 hr.

8. WELL CONSTRUCTION
Depth Drilled 158 Feet Depth Cased 154.5 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14 Inches	0 Feet	10 Feet
8 5/8 Inches	10 Feet	158 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.25		Sch 40	0	154.5

Perforations:
Type perforation P.V.C. screen
Size perforation .020
From 69 feet to 149 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 20
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
~~Gravel~~ Sand Packed: ☒ Yes ☐ No
From 30 feet to 158 feet

9. WATER LEVEL
Static water level 95.8 feet below land surface
Artesian flow No G.P.M. P.S.I.
Water temperature Cool °F Quality poor

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Gustin Corp. (Contractor)
Address P.O. Box 894 (Contractor)
Elko Nev 89803
Nevada contractor's license number issued by the State Contractor's Board 0022193
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1821
Signed Everett P Gustin
By ~~driller performing actual drilling~~ on site or contractor
Date 12-27-99

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

log # 78824

Borehole Completion Report. Report Date: 7 Nov., '99 Page: 1 of 1.

WELL No: MW48 Project Name: GTE Topaz Site. Douglas Co., Nv.

Location: SW 1/4; SW 1/4; SE 1/4; Sec 14, Twp 10N, Rge 21E; and 33' ft N., 1,112 ft ~~E~~ W of NE cor. ~~26~~ Sec 23

Description: Monitoring Well

Drilling Summary

Spud Date:	4 Nov, '99	
Completion Date:	7 Nov. '99	
Drlg Contractor:	Gustin	
Rig Type:	Schramm R.C.	
Hole Diameter:	8 5/8	in.
Casing Diameter:	4	in.
Tot. Drld Depth:	158	ft.
Wtr Entry Depth:	112, 133	ft.
Static Wtr Depth:	99.81	ft.
Casing Lip Elev:	7,379.3	ft.

Prepared by: D. Goodwin

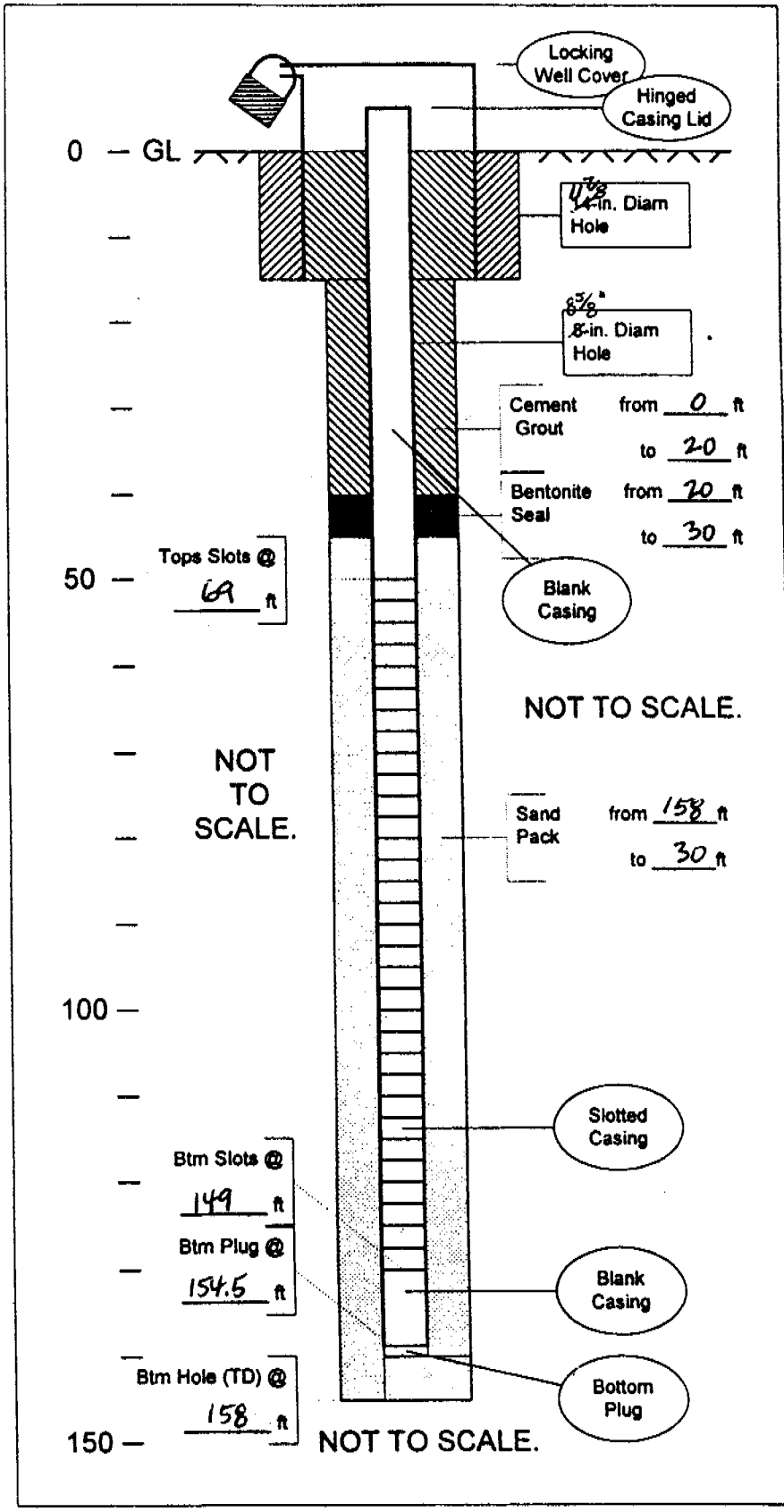
Completion Record

(Permanent)	Diam (in)	Depth Top	Depth Btm	Length (ft)
Conductor	10 3/4	+1.3 agl	3.7	5
Blank Csg	4	+ 1 agl	69	70
Slot'd Csg	4	69	149	80
Blank Csg	4	149	154	5
Btm Plug			154.5	
TD Drld:			158	
1st Water Entry:		112		
Static Water Level:		99.81	8 Nov 07:50	

Legend.

LITHOLOGY:

GL - TD: Slatey metasediments.



Sierra Scientific Services.
(661) 872-4221.