pg. 1 of 3

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

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 42993
Permit No.
Basin 6-87

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 9102

1. OWNER Sierra Pacific Power Company
MAILING ADDRESS P.O. Box 10100
Reno, NV 89520

ADDRESS AT WELL LOCATION Swope Middle School @ Idlewild Drive and Sherwood Drive

2. LOCATION NE ¼ SE ¼ Sec. 16 T. 19N N/S R. 19 E. Washoe County
PERMIT NO. 56873 (Issued by Water Resources) 9-170-65 (Parcel No.) N/A (Subdivision Name)

3. TYPE OF WORK
New Well ☒ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☐
Municipal ☒ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☒
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
sod & fill dirt		0	3	3'
boulders, cobbles layered		3	19	16'
sand				
cobbles, gravel, sand		19	33	14'
cobbles, rock		33	37	4'
layered rock		37	51	14'
rock and sand		51	54	3'
grey clay		54	57	3'
layered rock		57	62	5'
3/4" round gravel & rock		62	71	9'
layered rock		71	81	10'
fine sand & gravel		81	90	9'
layered rock w/ thin clay		90	103	13'
layered rock		103	114	11'
loose rock w/clay lenses		114	117	3'
layered rock		117	141	24'
layered rock w/rounded				
1/4" gravel		141	151	10'
layered rock & coarse sand		151	157	6'
coarse sand		157	162	5'
layered rock & coarse sand		162	170	8'
coarse sand & rock		170	181	11'
hard layered rock		181	186	5'
coarse, tight sand		186	218	32'
cobbles and coarse sand		218	220	2'
coarse, tight sand &				
layered rock		220	226	6'

Date started 2-17, 1993
Date completed 8-24, 1993

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
1800	398	129.11	4
1800	667	233.45	3
1800	588	203.41	12-1/2
1800	388	116.46	1
1800	703	231.64	1-1/2

BAILER TEST
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION
Diameter 34" inches Total depth 360 feet
28 inches
inches
Casing record 30", 20", 16"
Weight per foot 118.65, 78.6, 62.8 Thickness 3/8"

Diameter	From	To
30 inches	0 feet	168 feet
20 inches	0 feet	168 feet
16 inches	168 feet	170 feet
16 inches	224 feet	233 feet
16 inches	259 feet	262 feet
16 inches	350 feet	360 feet

Surface seal: Yes ☒ No ☐ Type cement
Depth of seal 168 feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 10 feet to 365 feet

Perforations:
Type perforation pipe base wire wrap
Size perforation .065
From 170 feet to 224 feet
From 233 feet to 259 feet
From 262 feet to 350 feet
From ..... feet to ..... feet
From PLEASE SEE ATTACHED DRAWING feet to ..... feet

9. WATER LEVEL
Static water level 18.76 feet below land surface
Flow 588 G.P.M. – P.S.I.
Water temperature 59 °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-Western Company (Contractor)
Address P.O. Box 1326, Woodland, CA 95776 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 0019101
Nevada contractor's driller's number issued by the Division of Water Resources
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1564, 1695
Signed Kenneth W Horsch (By driller performing actual drilling on site or contractor)
Date 9-23-93

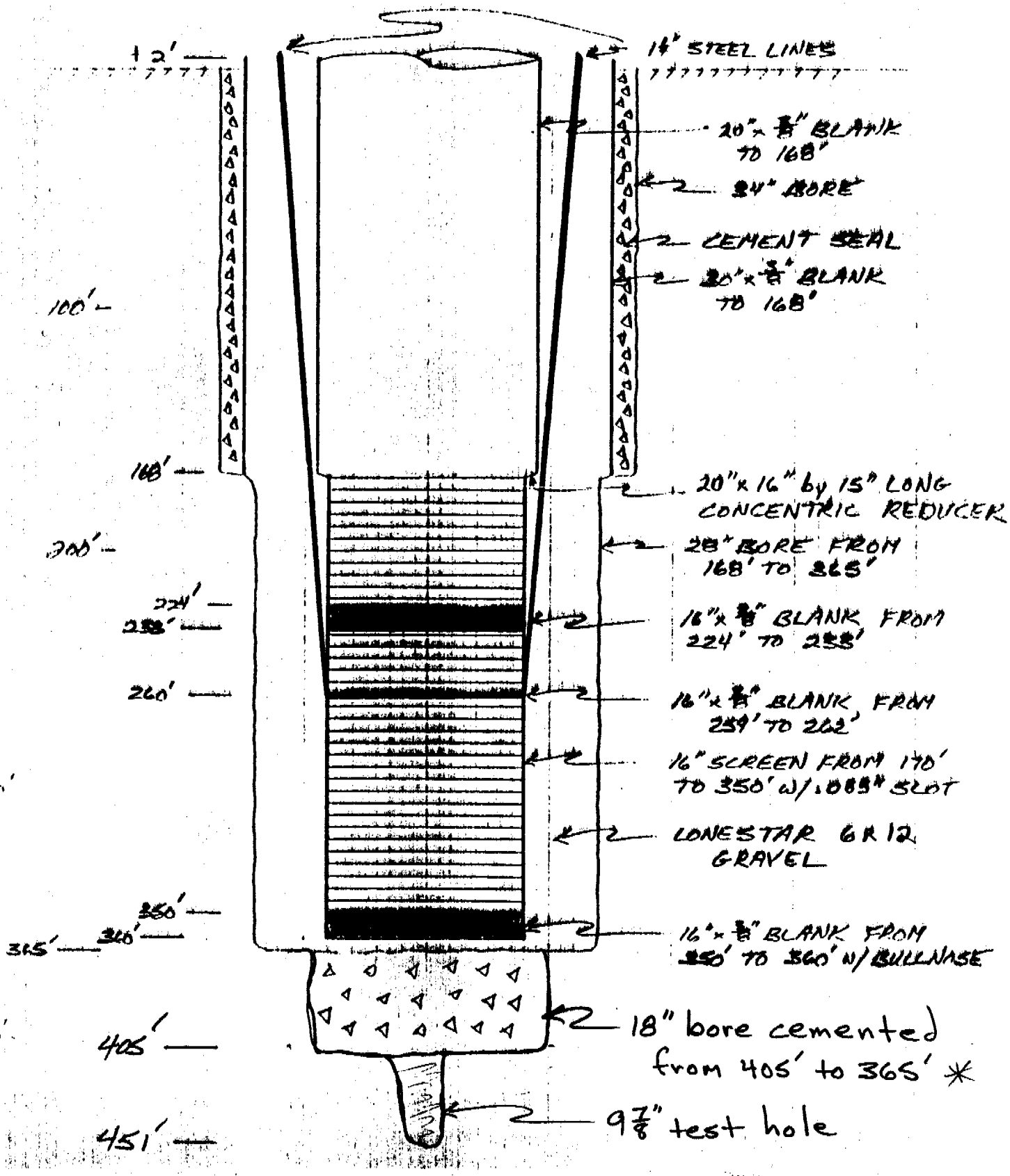
(Rev. 11-85) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

SWOPE MIDDLE SCHOOL

LITHOLOGIC LOG CONTINUED

Material	From	To	Thickness
cobbles	226	230	4'
layered rock, some rounded	230	243	14'
coarse sand and rock layers	243	279	36'
coarse and medium sand, tight	279	285	14'
fine gravel, rounded, 1/8"	285	306	21'
hard, layered rock	306	310	4'
fine to medium sand	310	321	11'
fine gravel & coarse to medium sand	321	334	13'
fine to medium sand and rock	334	346	12'
coarse sand and fine gravel	346	360	14'
1/4" gravel, coarse sand & rock	360	379	19'
layered rock	379	381	2'
coarse sand & gravel	381	385	4'
layered rock w/coarse sand	385	394	9'
fine gravel w/thin clay lenses	394	399	5'
fine to coarse sand	399	419	20'
layered rock & coarse sands, tight	419	439	20'
loose, fine sand	439	440	1'
layered rock	440	451	11'

Swope Well



* per phone conversations w/ State Engr. Office on 4-20 & 5-20-93