DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 16314
Permit No.
Basin

1. OWNER SIERRA PACIFIC POWER CO. ADDRESS NORTH VALMY GEN. STA. BATTLE MTN. NEVADA

2. LOCATION ¼ NW ¼ Sec. 23 T. 35 N/S R. 44 E. HUMBOLDT County
PERMIT NO.

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
Clay gravel & sand		0	10	10
Clay		10	18	8
Clay and gravel		18	38	20
CLAY		38	40	2
SAND GRAVEL SANDSTONE		40	65	25
CLAY BLUE SHALE		65	112	47
CLAY		112	120	8
FINE SAND CLAY & ROCK		120	203	83
SANDSTONE ROCK & LIME & CLAY		203	350	147
ROCK CLAY LIME SANDSTONE		350	430	80
CLAY LIME		430	450	20
LIME ROCK & CLAY STK.		450	480	30
CLAY BLUE SHALE & SILT		480	520	40
FINE SAND & CLAY		520	542	22
CLAY SANDSTONE STK.		542	620	78
FINE SAND & LIME & CLAY		620	643	23
CLAY		640	653	13
ROCK BLACK STK.		653	688	35
CLAY STK. ROCK		688	810	122
FINE GRAVEL ROCK & CLAY		810	830	20
CLAY GRAVEL STRK.		830	840	10
GRAVEL & ROCK & CLAY		840	850	10
CLAY LIME SANDSTONE		850	998	148
& GRAVEL STRK.				

Date started 3-15, 19 77
Date completed 3-29, 19 77

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
#1	25	44	10 HRS
#2	23	33	4½ HRS.

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 hole ..... inches Total depth ..... feet
Casing record
Weight per foot ..... Thickness

Diameter	From	To
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☐ No ☐ Type
Depth of seal ..... feet
Gravel packed: Yes ☐ No ☐
Gravel packed from ..... feet to ..... feet
Perforations: TEST HOLE SAMPLES
Type perforation MILL SLOT
Size perforation
From #1 649 feet to 691 feet
From ..... feet to ..... feet
From #2 810 feet to 851 feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 13 Feet below land surface
Flow ..... G.P.M.
Water temperature 75 °F. Quality Good

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

Name C M BRYANT JR
Address HOUSTON TEXAS
Nevada contractor's license number 5573A
Nevada driller's license number 557
Signed C. M. Bryant Jr.
Date 4-4-77

USE ADDITIONAL SHEETS IF NECESSARY

5471