DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

1/4

OFFICE USE ONLY
Log No. 15187
Permit No.
Basin

1. OWNER SIERRA PACIFIC POWER CO. ADDRESS NORTH VALMY
GENERATING STA. BATTLE MOUNTAIN NEVADA
TEST HOLE #3

2. LOCATION S½ ¼ SW ¼ Sec. 25 T. 39 N/S R. 43 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
SAND SANDY CLAY		0	5	5
SAND & GRAVEL		5	15	10
CLAY SANDY CLAY		15	29	14
SAND & GRAVEL		29	35	6
SANDY CLAY		38	65	27
SAND & GRAVEL		65	88	23
CLAY		88	105	17
SAND & GRAVEL		105	118	13
CLAY & SAND STRS		118	140	22
SAND GRAVEL & CLAY STRS	30	140	170	30
CLAY		170	182	12
SAND GRAVEL	10	182	192	10
CLAY		192	202	10
SAND GRAVEL & CLAY	10	202	220	18
CLAY		220	240	20
SAND GRAVEL & CLAY		240	300	60
CLAY STRS SAND		300	360	60
GRAVEL SAND & CLAY STR	130	360	490	130
CLAY STR GRAVEL & SAND		490	550	60
GRAVEL & CLAY STRS	50	550	600	50
HARD ROCK & CLAY STRS		600	700	100
HARD ROCK CLAY		700	735	35
CLAY		735	759	24
ROCK STR CLAY		759	774	15

Date started 10-13-72, 19
Date completed 10-16, 1972

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

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:
Type perforation
Size perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

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

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 12323
Nevada driller's license number 5557
Signed C. M. Bryant Jr.
Date 11-8-75

USE ADDITIONAL SHEETS IF NECESSARY

5471

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SIERRA PACIFIC POWER CO
TEST HOLE #3 NORTH VALMY GEN. STA.

BATTLE MTN. NEVADA SAMPLE #1

10-24-75 SCREEN SET 560' to 600 FT

10:45 AM START PUMP

~~11 AM~~	W.L.	CPM	TEMP.
11 AM.	47.40	22	67°F.
12 NOON	49.78	22	69°F
1 Pm	50.33	22	70°F
2 Pm	50.63	22	70°F
3 Pm	50.58	22	70°F
4 Pm	50.79	22	70°F
5 Pm	50.71	22	70°F
6 Pm	50.75	22	70°F
7 Pm	50.72	22	70°F
8 Pm	50.77	22	70°F
8:45 Pm	50.81	22	70°F

8:45 Pm PUMP OFF 2 HR ROC

8:49 Pm	37.19	10:30 Pm	34.70
8:55 Pm	36.29	10:45 Pm	34.64
9:05 Pm	35.78		
9:15 Pm	35.63		
9:25 Pm	35.32		
9:45 Pm	35.09		
[illegible]:15 Pm	34.80		

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SIERRA PAC POWER CO. TH # 3
N. VALMY GEN. STA. BATTLE MTN. NEV.

[illegible]/28/75 SAMPLE # 2 SCREEN 410' to 430 FT.

	M.M.	GPM	TEMP.
8:45 PM	PUMP ON		
9 PM	39.94	28	67°F
10 PM	40.12	28	67°F
11 PM	40.22	28	67°F
12 MN.	40.28	28	67°F
1 AM	40.35	28	67°F
2 AM	40.29	28	67°F
3 AM	40.47	28	67°F
4 AM	40.49	28	67°F
5 AM	40.40	28	67°F
6 AM	40.29	28	67°F
6:45 AM	40.47	28	67°F

6:45 AM PUMP OFF 24 HR RCC

6:49 AM	34.19	8:30 AM	33.56
6:53 AM	33.95	8:45 AM	33.53
6:55 AM	33.93		
7 AM	33.86		
7:15 AM	33.73		
7:35 AM	33.64		
7:45 AM	33.62		
8 AM	33.59		
[illegible]:15 AM	33.57		

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SIERRA PAC POWER CO T.H. # 3
N LALMY GEN. STA. BATTLE MTN. NEV

30-75 SAMPLE # 3 SC 147-167-177-197 FT

	WL	GPM	TEMP.
7:30 AM	PUMP ON		
8 AM	35.41	24	61°F
9 AM	36.29	24	61°F
10 AM	36.60	24	61°F
11 AM	36.81	24	61°F
12 NOON	36.58	24	61°F
1 PM	36.48	24	61°F
2 PM	36.48	24	61°F
3 PM	36.47	24	61°F
3:30 PM	36.48	24	61°F
3:30 PM	PUMP OFF	2 HR	REC
3:34 PM	33.79		
3:36 PM	33.61		
3:40 PM	33.43		
3:50 PM	33.06		
4 PM	32.86		
4:20 PM	32.55		
4:45 PM	32.38		
5 PM	32.27		
5:15 PM	32.15		
5:30 PM	32.07		