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

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

OFFICE USE ONLY
Log No. 27331
Permit No. 49623
Basin 70

NOTICE OF INTENT NO. 6224

1. OWNER DEPT OF PRISIONS
MAILING ADDRESS ROSECREEK HONOR CAMP
WINNEMUCCA, NEV 89445

ADDRESS AT WELL LOCATION
HUMBOLDT CO. HONOR CAMP

2. LOCATION NE ¼ NW ¼ Sec. 22 T. 35 N/S R. 36 E HUMBOLDT County
PERMIT NO. 49623 (Issued by Water Resources) | Parcel No. | 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
TOP SOIL		0	1	1
SANDY BR. CLAY		1	58	57
COURSE SAND		58	60	2
COURSE SAND & GRAVEL		60	85	25
LARGE GRAVEL		85	90	5
BLK LAVA		90	104	14
RED LAVA		104	125	21
BLK LAVA		125	127	2
SOLID GRANIT		127	132	5
BLK LAVA		132	159	27
RED LAVA & GRANIT		159	172	13
RED ROCK W/S CLAY RED		172	180	8
RED LAVA		180	190	10
GREEN & RED SHALE		190	199	9
RED LAVA W/s BR CLAY		199	203	4
GREEN LAVA W/s BR CLAY		203	205	2
RED LAVA w/s BR CLAY		205	206	1
RED CLAY		206	209	3
GRAVEL W/s RED & BLUE CLAY		209	225	16
BLUE CLAY W/s RED CLAY		225	300	75

Date started 5-23-86, 19
Date completed 5-31-86, 19

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	351	80'	14

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 20 inches Total depth 300 feet
Casing record 10
Weight per foot 28.04 Thickness ¼

Diameter	From	To
10" BLANK inches	+2 feet	91 feet
10" PERF inches	91 feet	291 feet
inches	feet	feet
3" GRAVEL SHOOT inches	0 feet	60 feet
1" SOUNDING TUBE inches	0 feet	211 feet
inches	feet	feet

Surface seal: Yes ☒ No ☐ Type concrete
Depth of seal 55 feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 55 feet to 300 feet

Perforations:
Type perforation ROSCOE MOSS SHUTTER SCREEN
Size perforation 1/8
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 60'.2" feet below land surface
Flow ..... G.P.M. ..... P.S.I.
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 HUMBOLDT DRILLING & PUMP Co. INC (Contractor)
BOX 592
Address WINNEMUCCA, NEV 89445 (Contractor)
Nevada contractor's license number 015234
Nevada contractor's drillers number C-23
Nevada driller's license number 1448
Signed [signature] (Actual Driller) (Contractor)
Date 6-9-86

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 6-81) O-627 CR434

LOG 27331

HUMBOLDT DRILLING & PUMP CO., INC.

P.O. BOX 592
4675 W. WINNEMUCCA BLVD.
WINNEMUCCA, NEVADA, 89445
(702) 623-5259

Mr. J.E. Schneider
State Public Works Board
State Capitol Complex
Carson City, Nevada 89710

RE: Humboldt Prision Well Test

June 9, 1986

STEP DRAW DOWN TEST REPORT

Static: 60' 2"
All measurements from top of sounding pipe
Sounding pipe is 20" above ground

**1 Development of the well was very fast, from a chocolate brown to a light brown in 5 minutes. Surging did not make the water muddy or sandy. The water was crystal clear in 45 minutes and no amount of surging would make the well produce sand or cloudiness from mud.

**2 In the step testing, anthing over 400 GPM - air was present in pump stream and water level was around 90 to 95 feet. I believe that the main water is coming in at the top of the perf. casing. When we drop the flow to 350 GPM, air stopped, and the water level rose in the well, so this is where we maintained the flow rate.

Start development 8:30 p.m.

		Draw Down	
10:51	700 RPM	75'½" DD	302 GPM
11:34	750 RPM	80'7½"	351 GPM
2:21	750 RPM	80'5"	351 GPM
4:50	750 RPM	81'4"	351 GPM
7:30	750 RPM	81'7"	357 GPM
8:30	750 RPM	81'7"	357 GPM
9:50	750 RPM	81'7"	357 GPM
9:50	SHUT-DOWN		

RECOVERY

9:51	61'5"	10:05	60'11¼"
9:53	61'2"	10:10	60'10¼"
9:56	61'½"	10:15	60'10¼"
9:59	61'0"	10:20	60'9_3/4"
10:02	60'11½"	10:30	60'8_7/8"
		10:40	60'8-3/4"
		10:50	60'8-5/8"

LOG 27331

June 9, 1986

If you have any questions, please don't hesitate to contact me.

Sincerely,

Gary Tompkins

Gary D. Tompkins (HL)
Pump Division

GDT:tt

cc: Dept. of Water Resources
Chilton Engineering