Mod. Veg. Site NE Side Playa

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

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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. 108769
Permit No.
Basin 128 pg 1

NOTICE OF INTENT NO. 58426

1. OWNER U.S. Geological Survey
MAILING ADDRESS 2730 N. Deer Run Rd. Carson City Nv 89701
ADDRESS AT WELL LOCATION HA 128, Dixie Valley - NE Side Humboldt Salt Marsh.

2. LOCATION SW ¼ NE ¼ Sec. 17 T. 23 N N/S R. 37 E. Churchill County
PERMIT NO. mo-1533 Issued by Water Resources | Parcel No. N/A | Subdivision Name N/A

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 Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Brown Very Fine Sandy Silt		0	2	2
Brown Sandy Clay Balls		2	18	16
Brown Smooth Clay Easy Drilling		18	26	8
Hard Pan Clay Layer. Very Hard Drilling. mm x mm		26	28	2
Saturated Fine #20-24 Sandy Silt	X	28	41	13

First Water @ 28 Feet
39.860972° N
117.837487° W
NAD 27 (TA)

Date started September 16, 2009
Date completed September 17, 2009

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
GPS	Local	
39 51	39.2	NAD 83
117 50	184	± 17'

8. WELL CONSTRUCTION
Depth Drilled 41 Feet Depth Cased 41 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6.625 Inches	0 Feet	41 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		0.154	0	41

Schedule 40 Flush Threads

Perforations:
Type perforation Slot
Size perforation 0.020 inch
From feet to feet
From 31 feet to 41 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 0 to 1.5'
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☑ Yes ☐ No
From 29' feet to 41' feet

9. WATER LEVEL
Static water level 15.14 feet below land surface
Artesian flow NO G.P.M. P.S.I.
Water temperature °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 Robert N. Pennington Contractor
Address 2730 N. Deer Run Rd Contractor
Carson City Nv 89701
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller EP-1857
Signed R. N. Pennington
By driller performing actual drilling on site or contractor
Date 9-21-09

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(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

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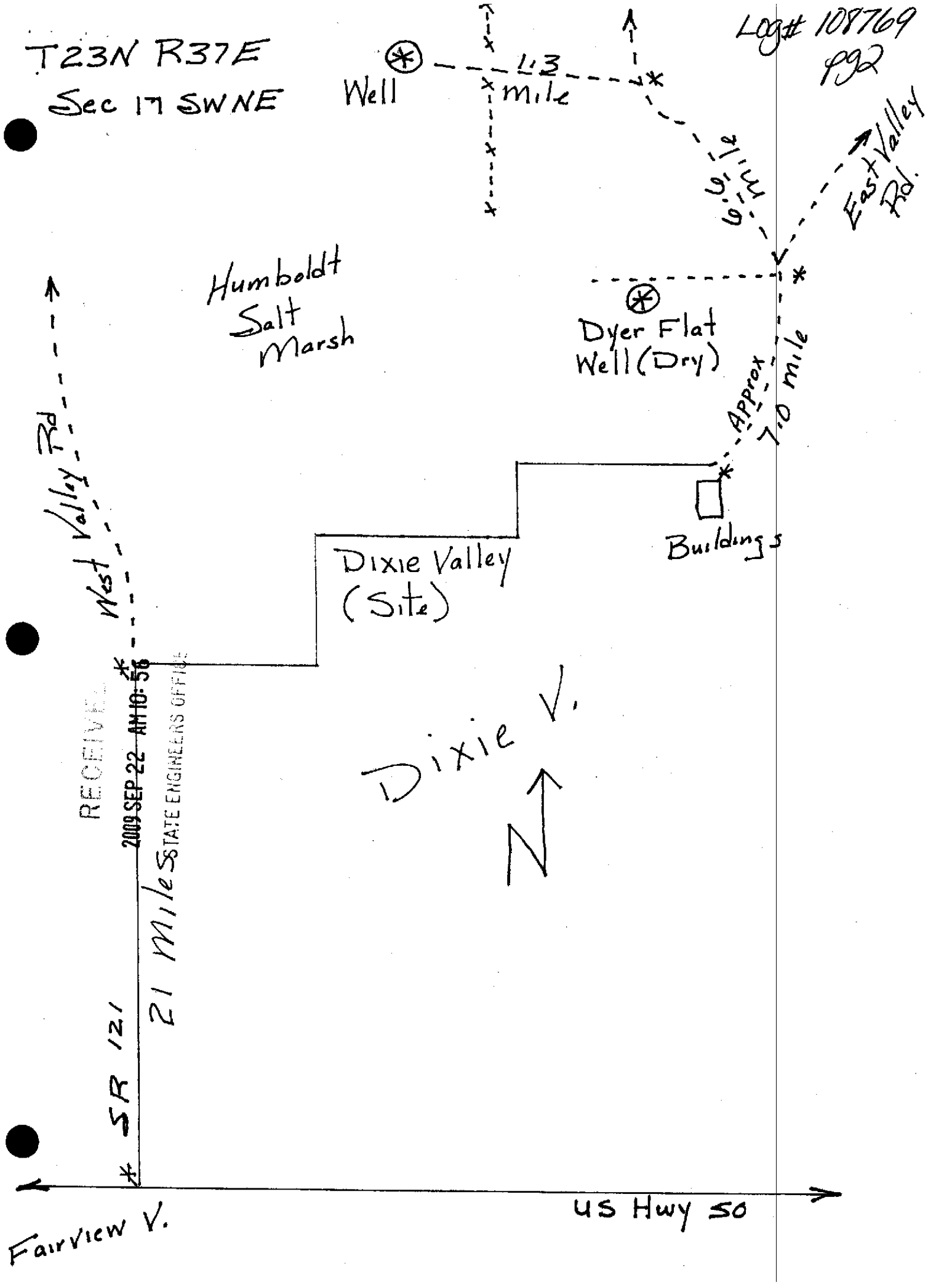
pg2

T23N R37E
Sec 17 SWNE



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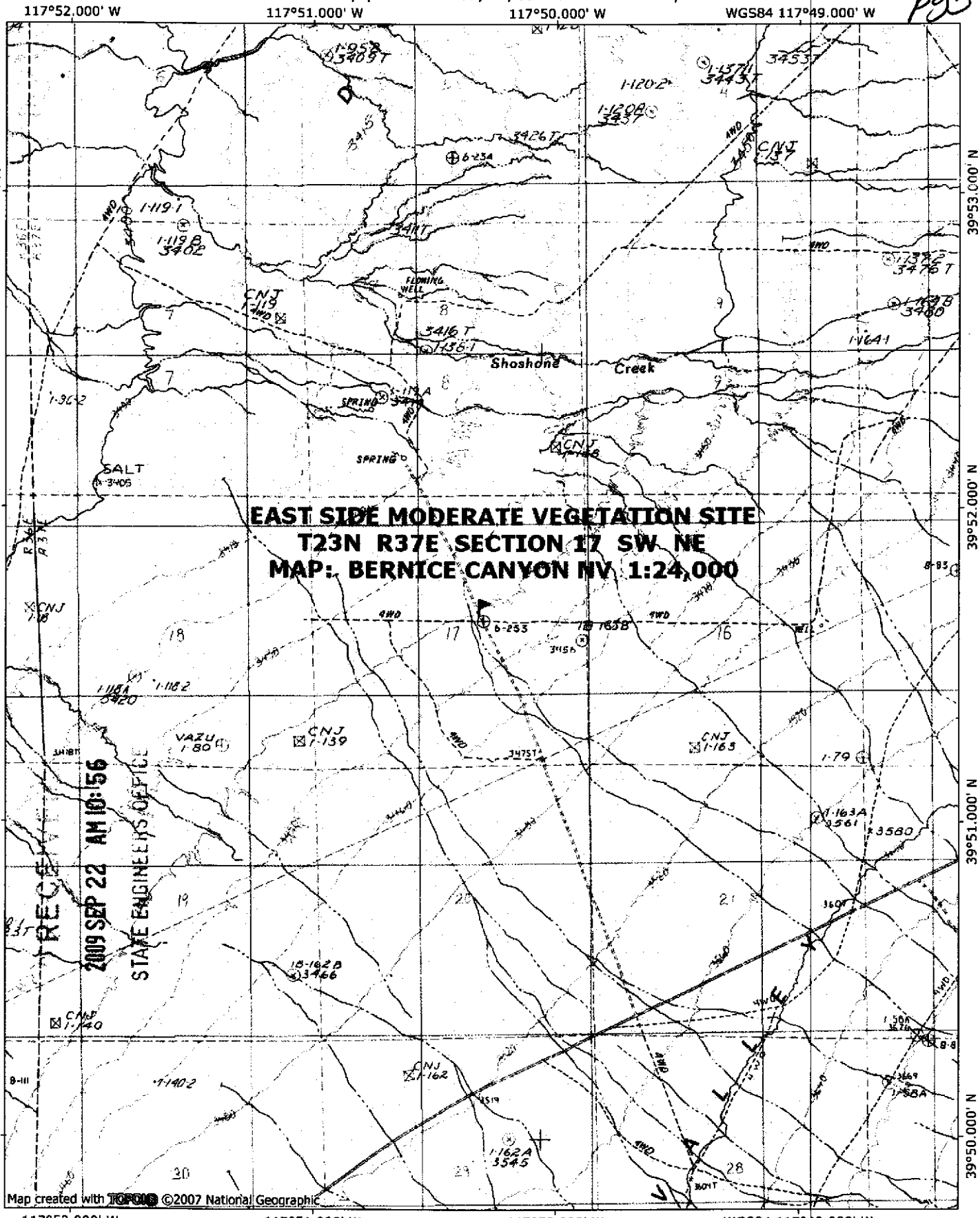
P93

TOPO! map printed on 09/21/09 from "Untitled.tpo"



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