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

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DO NOT WRITE ON BACK

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. 109574
Permit No.
Basin 128 pg 1 of 3

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 U.S. BLM Land.
Dixie V. Nv. HA 128 T 22N R 35E
Sec. 32 NWSE

2. LOCATION NW ¼ SE ¼ Sec. 32 T. 22N N/S R. 35 E. Churchill County
PERMIT NO. M/O 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
Satly Alkali Flat Tan Surface		Surface		
light Brown fine Silty Sand		0	4	4
medium Brown fine Silty Sandy Clay in 1/4 inch balls		4	5	1
Silty Sandy Clay in 1/2 inch balls		5	9	4
Brown Silty Clay Easy Soft drilling at 9-Feet		9	10	1
Brown Silty Clay		10	13.5	3.5
moist Blue/Green Clay		13.5	14	0.5
Black moist Clay - Anerobic layer, Strong Sulfur Smell		14	17	3
Creamy Black Silty moist Clay		17	18	1
Fine (#18-20 mesh) XXX Black Saturated Sand		18	24.5	6.5

Date started 3-10, 2009
Date completed 3-10, 2009

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
GPS Location		
39 43 48.4		NAD 83
118 04 02.2		± 16 Feet
39.730194°N, 118.066313°W		NAD 83

8. WELL CONSTRUCTION
Depth Drilled 24.5 Feet Depth Cased 24.5 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
6.625 Inches		0 Feet	24.5 Feet
Inches		Feet	Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2-inch		0.154	0	24.5

Sch 40 PVC Flush Threads

Perforations:
Type perforation Factory Slot
Size perforation 0.020 inch
From feet to feet
From 19 1/2 feet to 24 1/2 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 6
Placement Method: ☐ Pumped ☑ Poured 3/8" Bentonite Chips Hydrated
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 6 feet to 24 1/2 feet

9. WATER LEVEL
Static water level +0.2 feet ~~below~~ above land surface
Artesian flow No G.P.M. P.S.I.
Water temperature °F Quality TBD

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 - USGS
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 FP-1857
Signed R. N. Pennington
By driller performing actual drilling on site or contractor
Date 3-17-09

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

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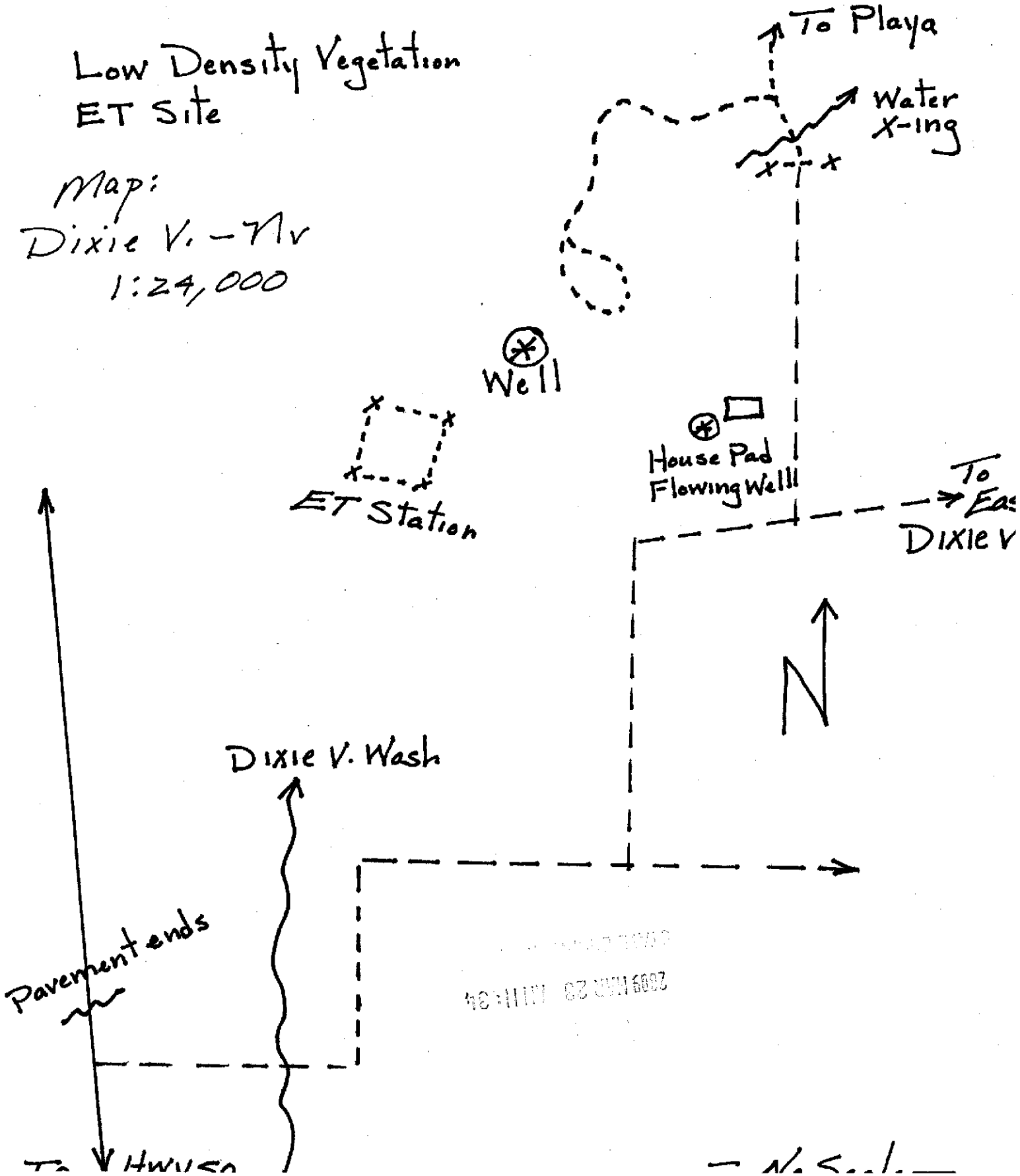
Dixie Valley – Nv. HA128 T22N R35E Sec32 NWSE

GPS Location 39 43 48.4 / 118 04 02.2 NAD83

Low Density Vegetation
ET Site

Map:
Dixie V. – Nv
1:24,000



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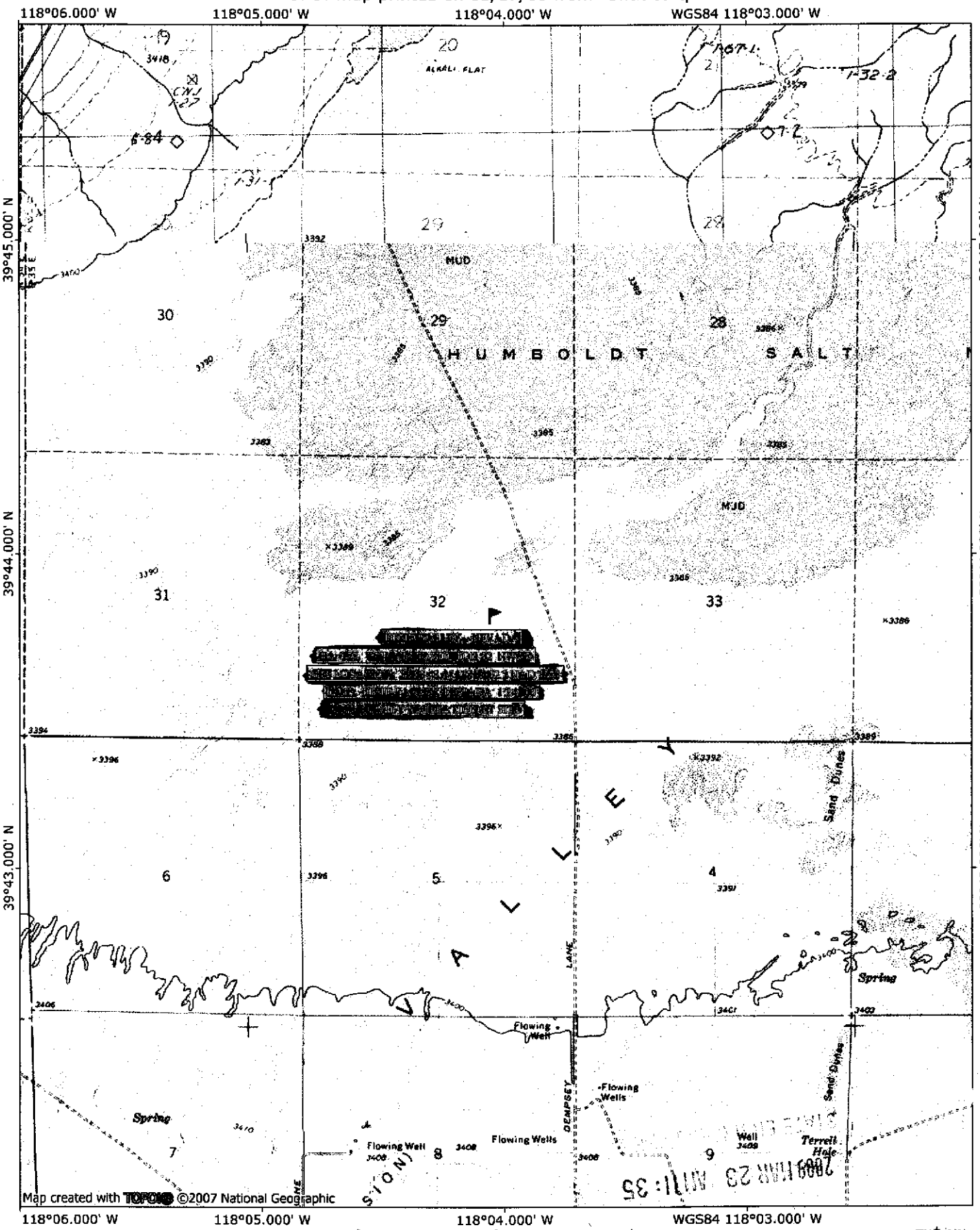
TOPO! map printed on 03/17/09 from "Untitled.tpo"



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NATIONAL GEOGRAPHIC

MILES 0 5

FEET 1000 0 1000 2000 3000 4000 5000

KILOMETERS 1 .5 0 1

METERS 1000 0 1000

TN MN 14°

03/17/09