WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY
Diamond Valley North (DVN)
PRINT OR TYPE ONLY
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. 106999
Permit No.
Basin 153 PGI

NOTICE OF INTENT NO. 56582

1. OWNER U.S. Geological Survey-WRD
MAILING ADDRESS 2730 N. Deer Run Rd
Carson City NV 89701

ADDRESS AT WELL LOCATION US Bureau of Land Mgt. Range Land
N 39.9534158 J ~~N 116.0449466~~ W 116.0449466 NAD27

2. LOCATION NW ¼ NW ¼ Sec. 31 T. 23 N/S R. 53 E. Eureka County

PERMIT NO. MO-1514 (Issued by Water Resources) | 706001 (Parcel No.) | N/A (Subdivision Name)

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
Fine Sandy loam-Clay Size Sediment Present		0	3.5	3.5
Fine Sandy Silt & Gravel		3.5	4	0.5
Hard Rock or gravelly Sand		4	6.5	2.5
Fine Sand and Silt Fast Drilling		6.5	9.5	3
Moist Sandy loam with some Clay		9.5	15.5	6
greenish black moist Clay. Organics present		15.5	17.5	2
Jet Black Organic Layer. Strong Sulfur Smell		17.5	47.5	30
Wet Organic Mud But mainly a Fine Sandy Strata Strong Sulfur Smell	*	47.5	59.5	12

Date started September 17, 2008
Date completed September 18, 2008

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1.13		0.8 hour
GPS Location-As Drilled		
39 50 02.7		NAD 83
116 03 01.3		

8. WELL CONSTRUCTION
Depth Drilled 59.5 Feet Depth Cased 59.5 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From (Feet)	To (Feet)
6.625	0	59.5

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2-inch	Flush Threaded PVC-Sch 40		0	59.5
	5 foot Blank Sump		54.8	59.8

Perforations:
Type perforation Slot
Size perforation 0.020 inch
From 49.8 feet to 54.8 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 0 To 28 Feet
Placement Method: ☐ Pumped ☒ Poured 3/8" Bentonite Chips (Hydrated)
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☐ Yes ☒ No
From Screen 1 in feet to Native Sand feet

9. WATER LEVEL
Static water level 21.18 feet below land surface
Artesian flow No G.P.M. P.S.I.
Water temperature 51.8 °F Quality Strong Sulfur Smell

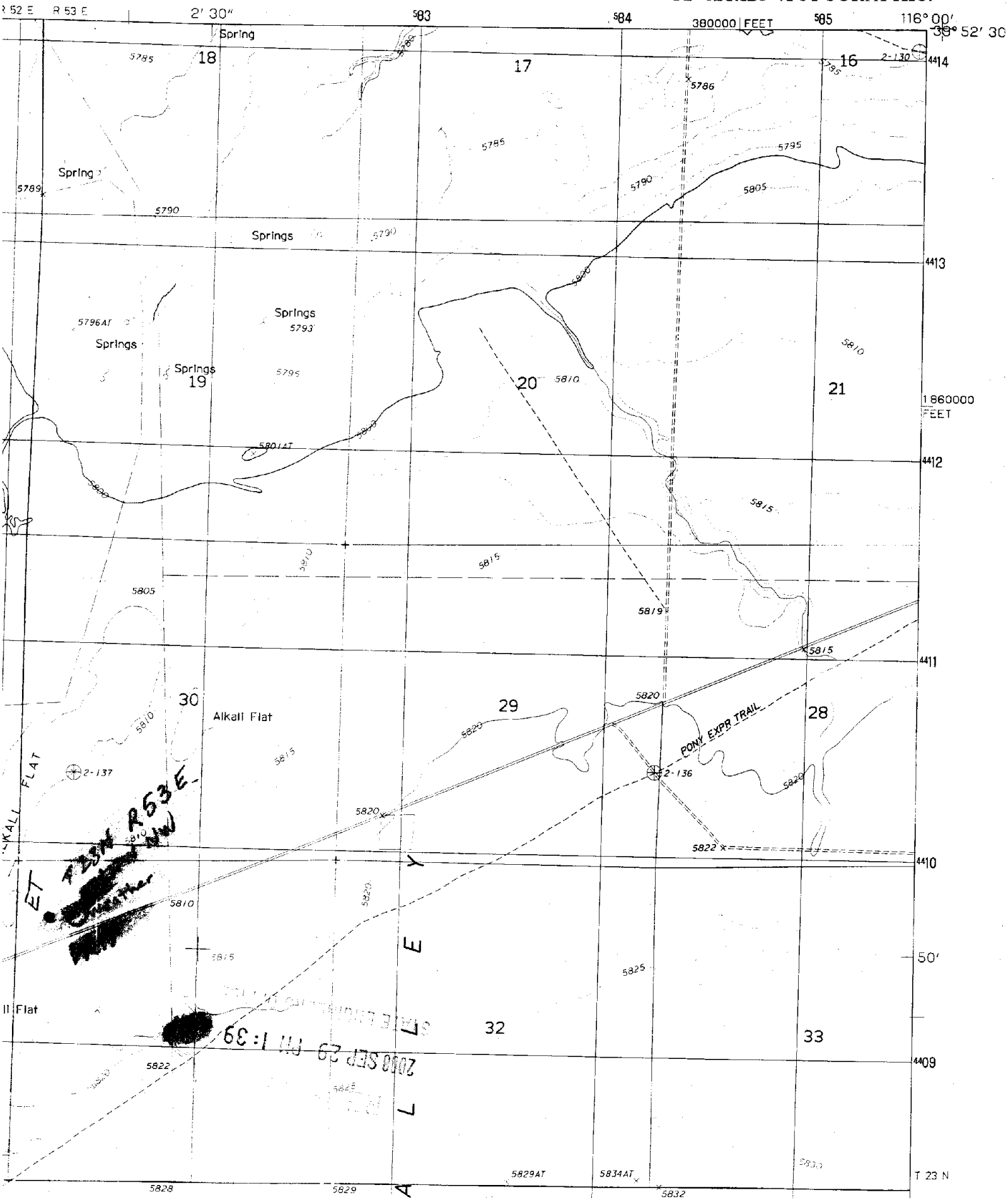
10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Robert N. Pennington (Contractor)
Address 2730 N. Deer Run Rd. (Contractor)
Carson City NV 89701
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller FP-1857
Signed R.N. Pennington (By driller performing actual drilling on site or contractor)
Date 9-26-08

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

Valley North
9 153

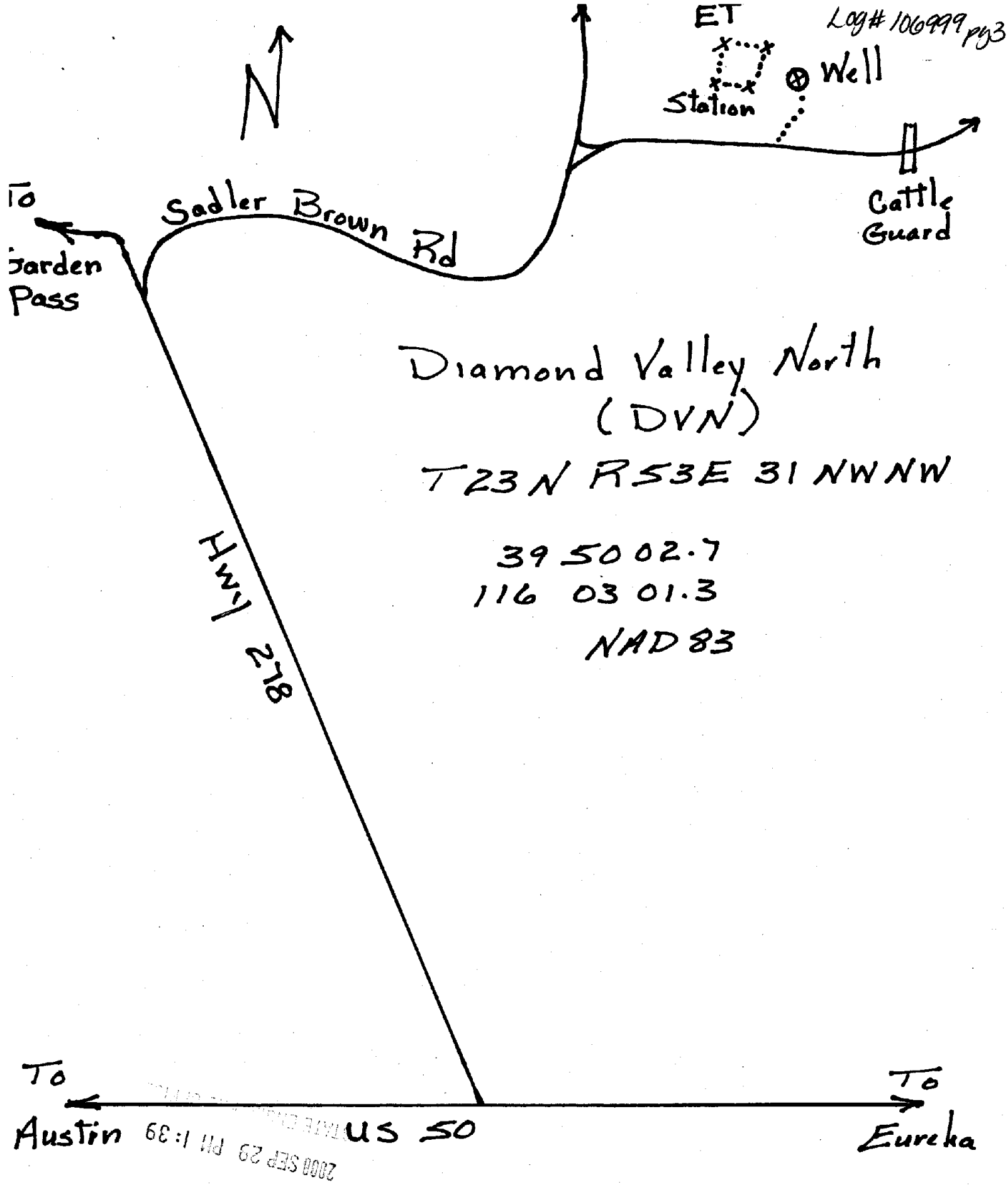
Log# 106999 pg2

TULE DAM SPRING QUADRANGLE
NEVADA-EUREKA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



2010 SEP 29 PM 1:39

Log# 106999 pg3



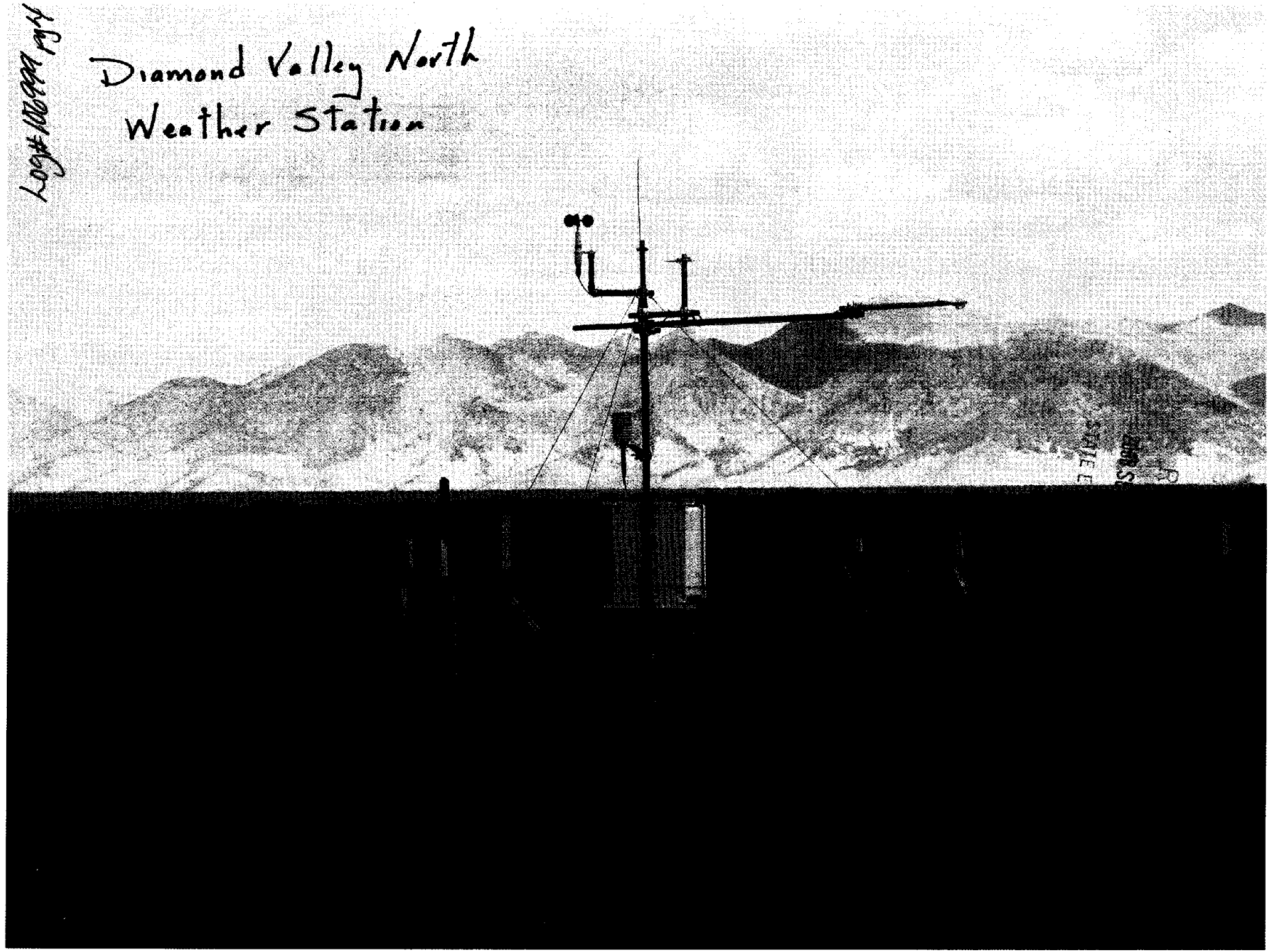
Diamond Valley North
(DVN)

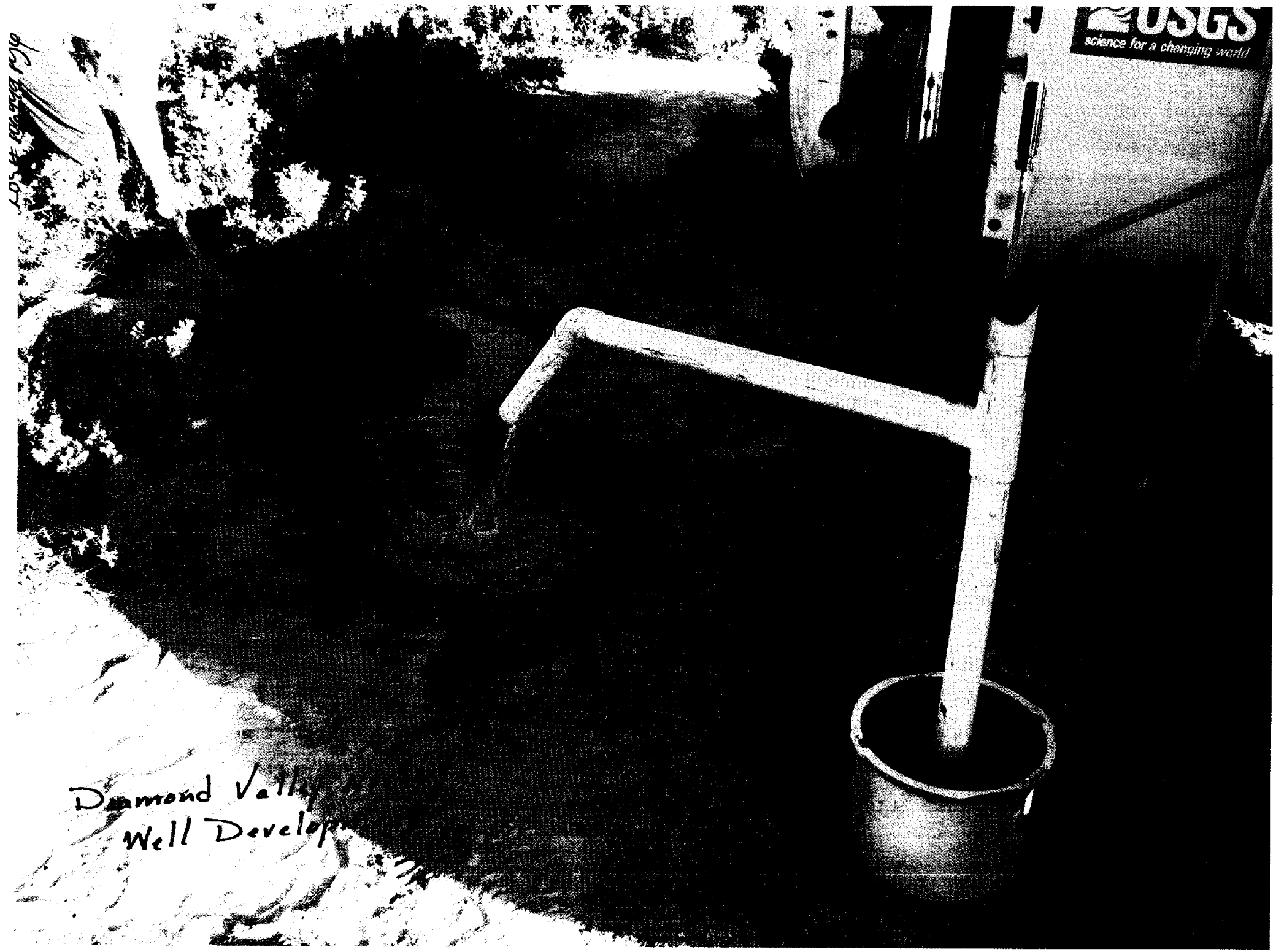
T23N R53E 31 NWNW

39 50 02.7
116 03 01.3
NAD 83

2000 SEP 29 PM 1:39

— No Scale —


Diamond Valley North
Weather Station
Log# 106999 pgh


USGS
science for a changing world
Diamond Valley
Well Develop