STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 109435
Permit No.
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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 58246

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 Valley, NV
HA 128
Subdivision Name: NA County: Churchill

2. LOCATION NE ¼ NE ¼ Sec 22 T 22N N/S R 35 E
PERMIT/WAIVER No. M/O 1533 (Issued by Water Resources) NA Parcel No.

Latitude 39°45'59.19929" Longitude -118°01'36.59187"
UTM E 412051.254 N 4402339.477 ☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition ☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC ☐ Air ☒ Other Hand Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
very moist brown clay		0	0.66	1
slightly less moist brown clay		0.66	1.25	1
very moist brown clay		1.25	5.58	4
thicker, denser brown clay		5.58	6.58	1
greenish black dense moist clay		6.58	7.33	1
dark green and grey clay		6.58	7.67	1
thick, dense moist brown clay		7.67	7.83	0
thick, dense unsaturated clay		7.83	9.17	1
thick dense moderately saturated clay		9.17	9.625	0

39.766528°N
118.025867°W
NAD 27 (TA)

Date started: 18-Mar, 20 09
Date completed: 19-Mar, 20 09

9. WELL CONSTRUCTION
Depth Drilled 9.625 Feet Depth Cased 9.625 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
4	Inches	0	Feet	9.625	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
1		Schedule 40	0	5.625

Perforations:
Type of perforation: Machined Slot
Size of perforation: .02
From 5.625 feet to 9.625 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 3.375 to 9.625 ☐ Pumped ☐ Poured
Type: Fine-grained sand #30
Bentonite Chips: ☒ Yes ☐ No 0 to 3.375 ☐ Pumped ☐ Poured
Type: 3/8 betonite chips

7. Water Level
Static water level: 2.8 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cold °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name James L Wood (Contractor)
Address 2730 N Deer Run Road (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-2178
Signed (By driller performing actual drilling on site or contractor)
Date 4/30/09

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(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

USGS Dixie Valley Playa Wells

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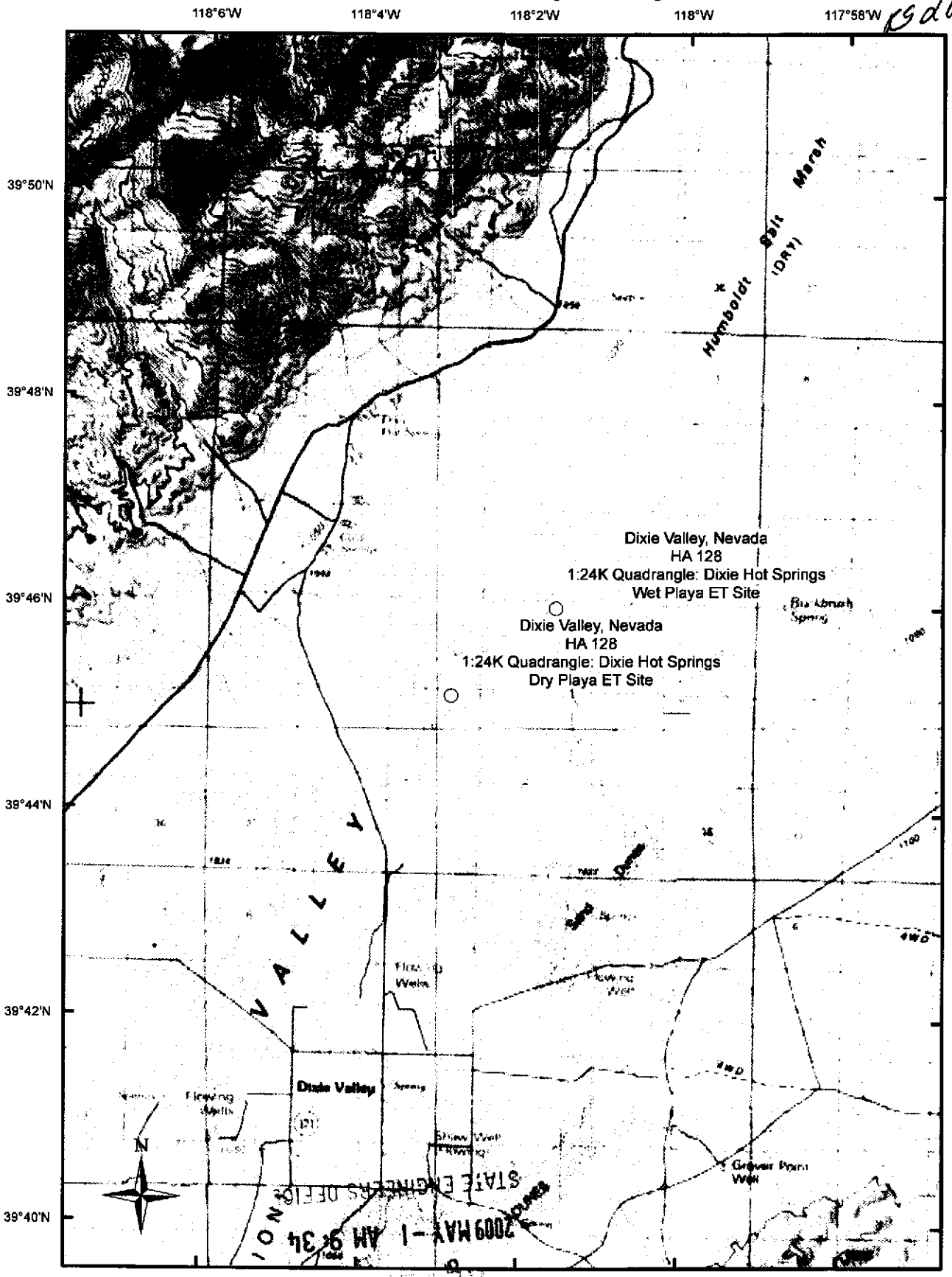

Base sourced USGS 1:24,000-scale Quadrangles. Universal Transverse Mercator Projection, Zone 11N, NAD83.

0 1.25 2.5 5 Miles

0 1.25 2.5 5 Kilometers

1:100,000

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Wet Playa ET Site

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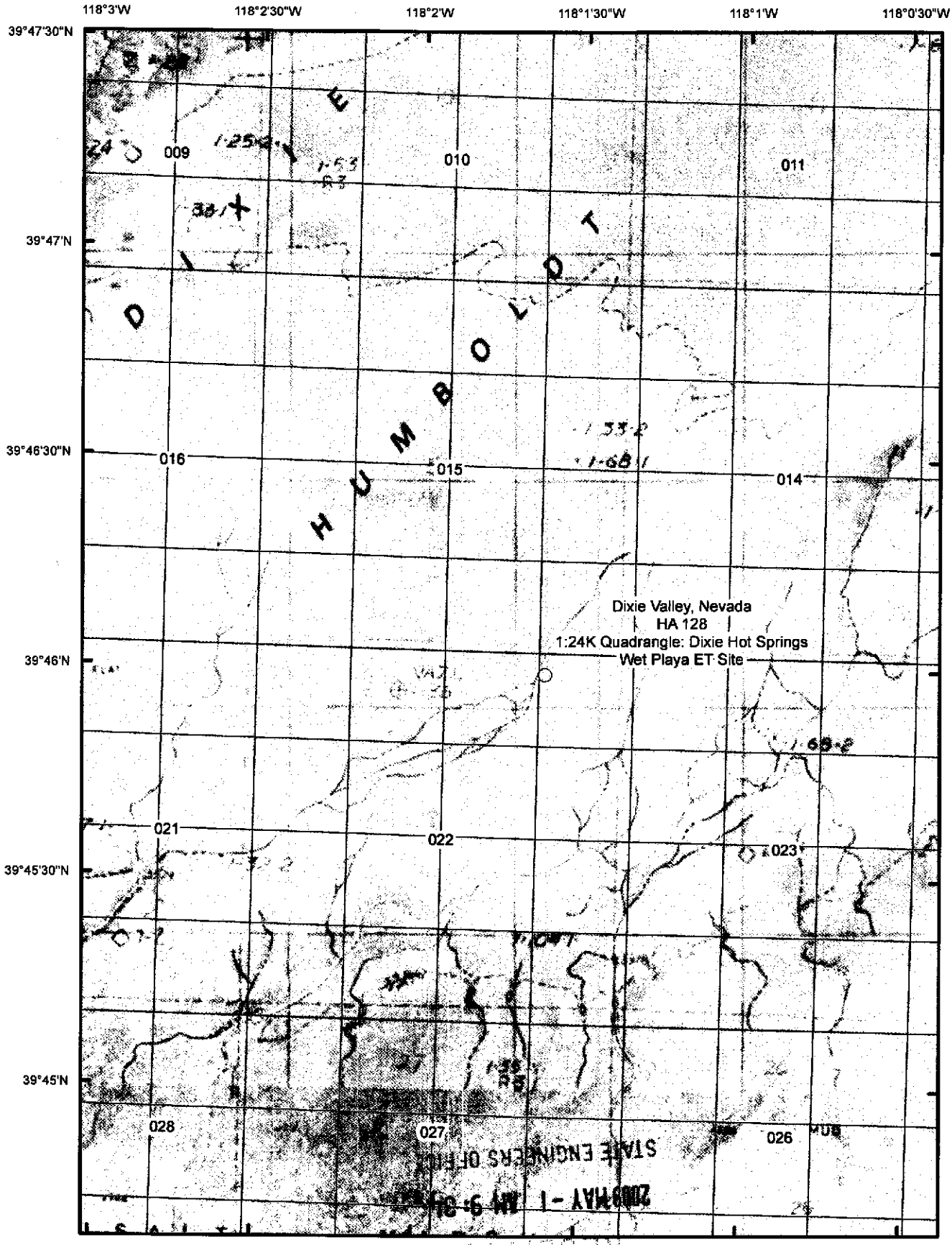

Base sourced from 1:24,000-scale USGS quadrangle with 60 percent transparency overlaid on National Agricultural Imagery Program 1m Natural Color Imagery, August 12, 2008. PLSS sourced from BLM Land Survey Information System, 2009. Universal Transverse Mercator Projection, Zone 11N, NAD83.

0 0.25 0.5 1 Miles

0 0.25 0.5 1 Kilometers

1:24,000

Wet Playa ET Site Sketch

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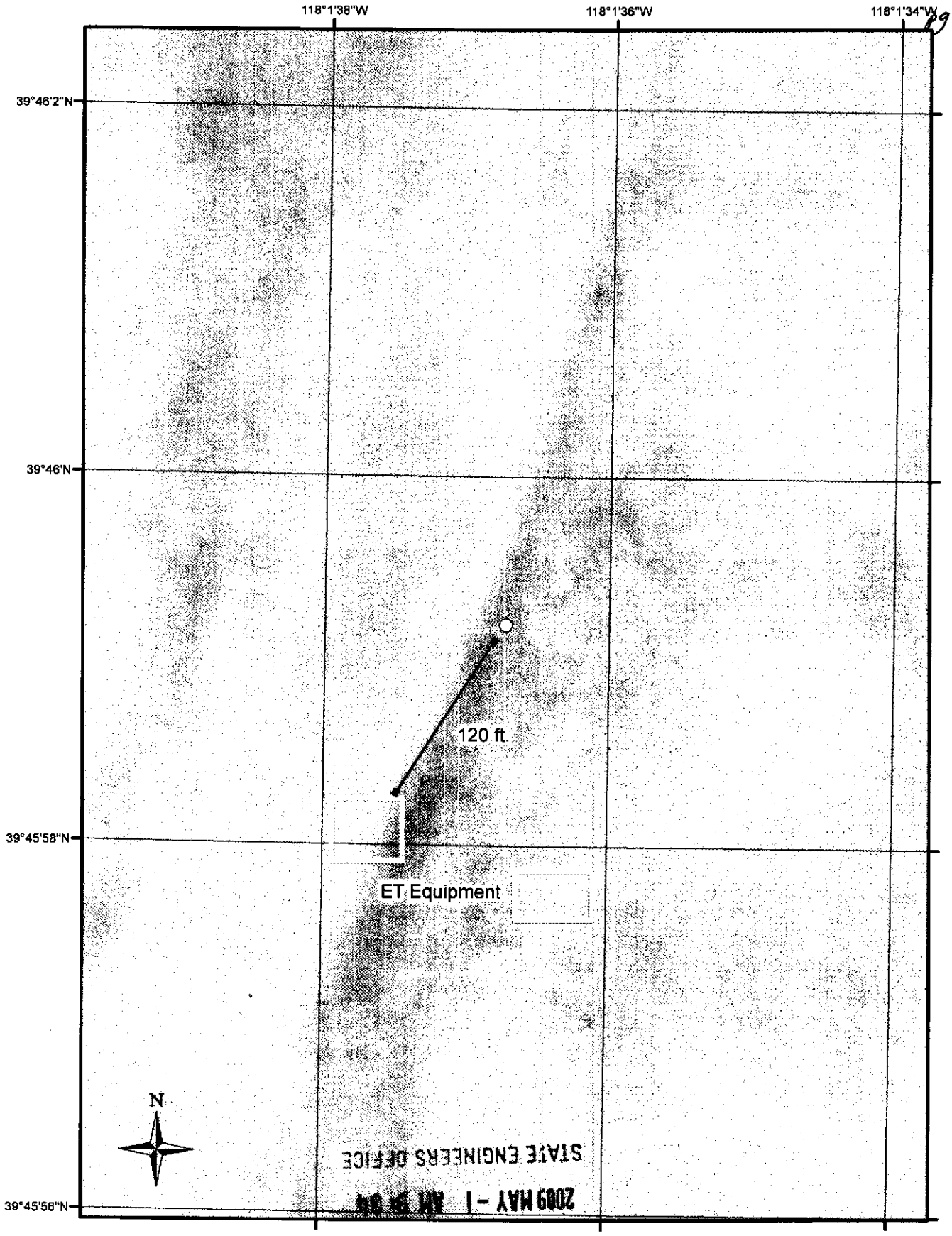

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Base sourced from National Agricultural Imagery Program
1m Natural Color Imagery, August 12, 2008.
Universal Transverse Mercator Projection, Zone 11N, NAD83.

0 50 100 200 Feet

1:900

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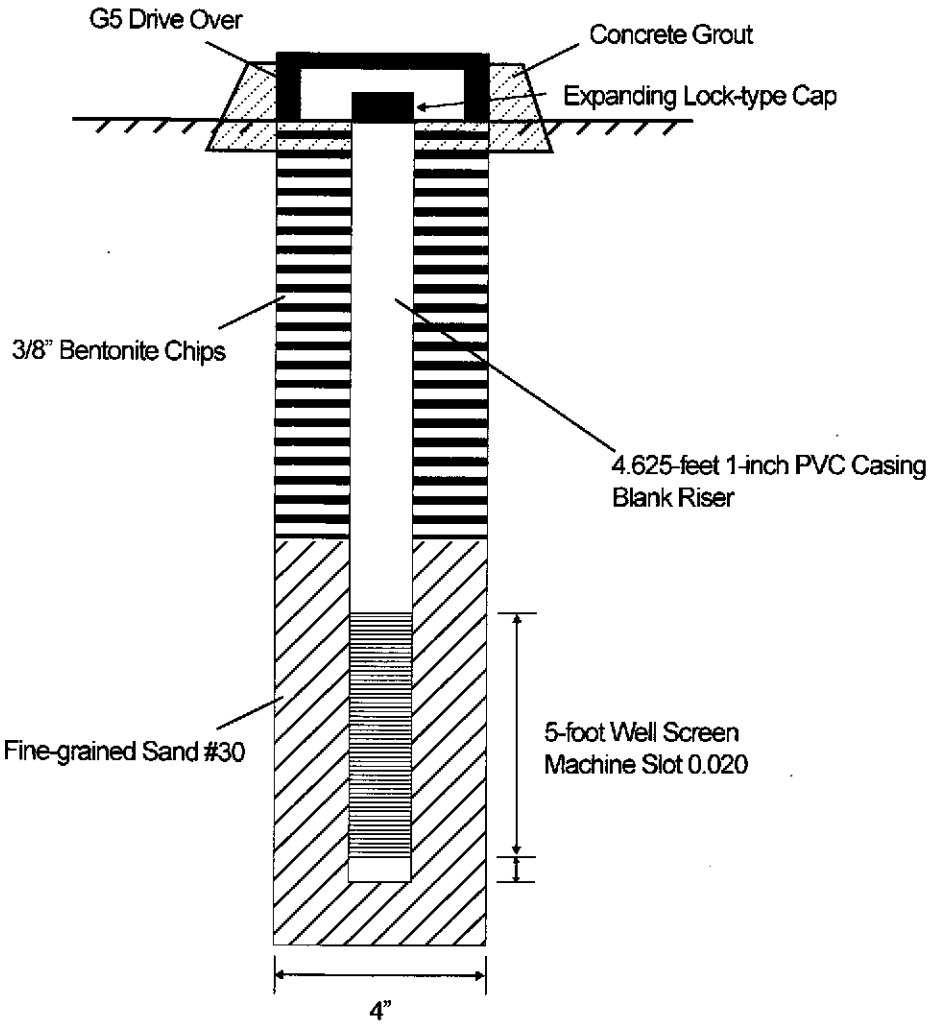
Well Construction Diagram

Wet Playa ET Site



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