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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

East Lake Well

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. 108035
Permit No.
Basin 110B pgl

NOTICE OF INTENT NO. 56584

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

ADDRESS AT WELL LOCATION U.S. Bureau of Land Mgt. Property. East Side Walker Lake, Nv. Right of Way Grant Serial # N 83080

2. LOCATION SE ~~NE~~ ¼ SE ¼ Sec. 20 T. 10 N/S R. 30 E. Mineral County

Waiv~~PERMIT~~ NO. ~~[illegible]~~ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Coarse Black Sand and Pea Gravel		0	8	8
Black Gravel (Rhyolitic Tuff) and Cobble, Angular, Some Quartz		8	83	75
Tan, Tight, Silty Sandy Clay		83	95	12
Gray, Pea Gravelly (black Angular) Sandy Clay		95	102	7
Silver Gray Very Coarse Sand Some black Angular pea Size chips, minor Silt		102	112	10
Gray, gravelly (Black Angular) 1/4" - 3/8" Silty Clay		112	126	14
1/2" Black Angular Gravelly Clay		126	128	2
Boulder (very Slow Drilling), Gives Way to rock and Cobble, Black angular 1-inch & larger, Black massive Volcanic Tuff		128	163	35
Gravelly Silty Clay and Pulverized 3/4" black Tuff		163	205	42

Date started February 21, 2007
Date completed February 22, 2007

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Correct Location	GPS Location		
384234	~~38 42 34~~		NAD 83
1183908	118 ~~38~~ 08		Superceed
R.N.P. Land Surface Elevation			4135 (Gps)
Accuracy ±	7 feet		

8. WELL CONSTRUCTION
Depth Drilled 318 Feet Depth Cased 318 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8 3/4 Inches		0 Feet	140 Feet
8 1/2 Inches		140 Feet	318 Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)	
2	Sch 80	0.218	0	229	Sh. Non
2	Sch 80	0.218	0	298	deep
2	Sch 80	0.218	308	318	deep

Perforations:
Type perforation Slot (Factory)
Size perforation 0.020 - inch
From 229 feet to 239 feet - Shallow
From 298 feet to 308 feet deep
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 0 To 215'
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout Pure Gold Grout
Gravel Packed: ☑ Yes ☐ No
From 215' To 247' And 286' to 318' feet

9. WATER LEVEL
Static water level Deep = 93.80 feet below land surface
~~[illegible]~~ Shallow = 95.29 G.P.M. P.S.I.
Water temperature 103.1 °F Quality Geothermal

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name R.N. Pennington
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 1857
Signed R.N. Pennington
By driller performing actual drilling on site or contractor
Date 3-7-07

(Rev. 12-01)

USE ADDITIONAL SHEETS IF NECESSARY

(O)-627

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

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. 108035
Permit No.
Basin 110B pg2

NOTICE OF INTENT NO. 56584

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. Property. East side Walker Lake Nv. Right of way grant Serial # N 83080

2. LOCATION NE ¼ SE ¼ Sec. 20 T. 10 N/S R. 30 E/W Mineral County
PERMIT NO. m/o 1442 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gray Silty Clay - No Grit		205	280	75
Minor < 5% Small Grit at discrete intervals throughout this Strata				
Gray Silty Clay with Small Grit		280	318	38
N38.709525 W 118.651252 NAD27				

Date started February 21, 2007
Date completed February 22, 2007

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

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

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

HOLE DIAMETER (BIT SIZE)

	From	To
Inches	Feet	Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

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

Perforations:
Type perforation
Size perforation
From ____ feet to ____ feet
From ____ feet to ____ feet
From ____ feet to ____ feet
From ____ feet to ____ feet
From ____ feet to ____ feet

Surface Seal: ☐ Yes ☐ No
Depth of Seal
Placement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☐ Yes ☐ No
From ____ feet to ____ feet

9. WATER LEVEL
Static water level ____ feet below land surface
Artesian flow ____ 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 R.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 3-7-07

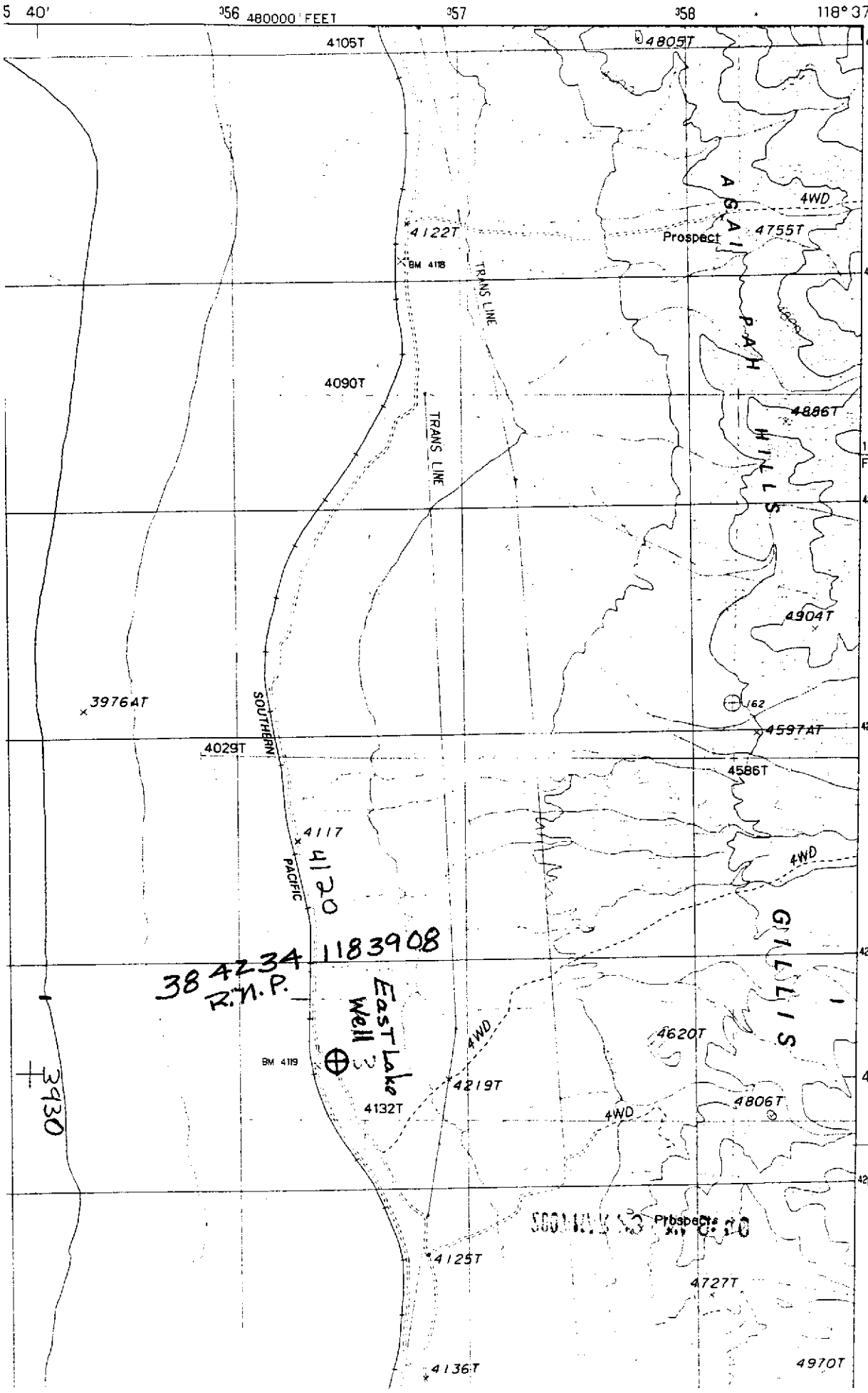
(Rev. 12-01)

USE ADDITIONAL SHEETS IF NECESSARY

(O)-627

WALKER LAKE QUADRANGLE
NEVADA - MINERAL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Log# 108035
Pg3



Correct Location
T10N R30E
Sec. 20 DDAB1&2
38 42 32
118 39 07
R.N.P.

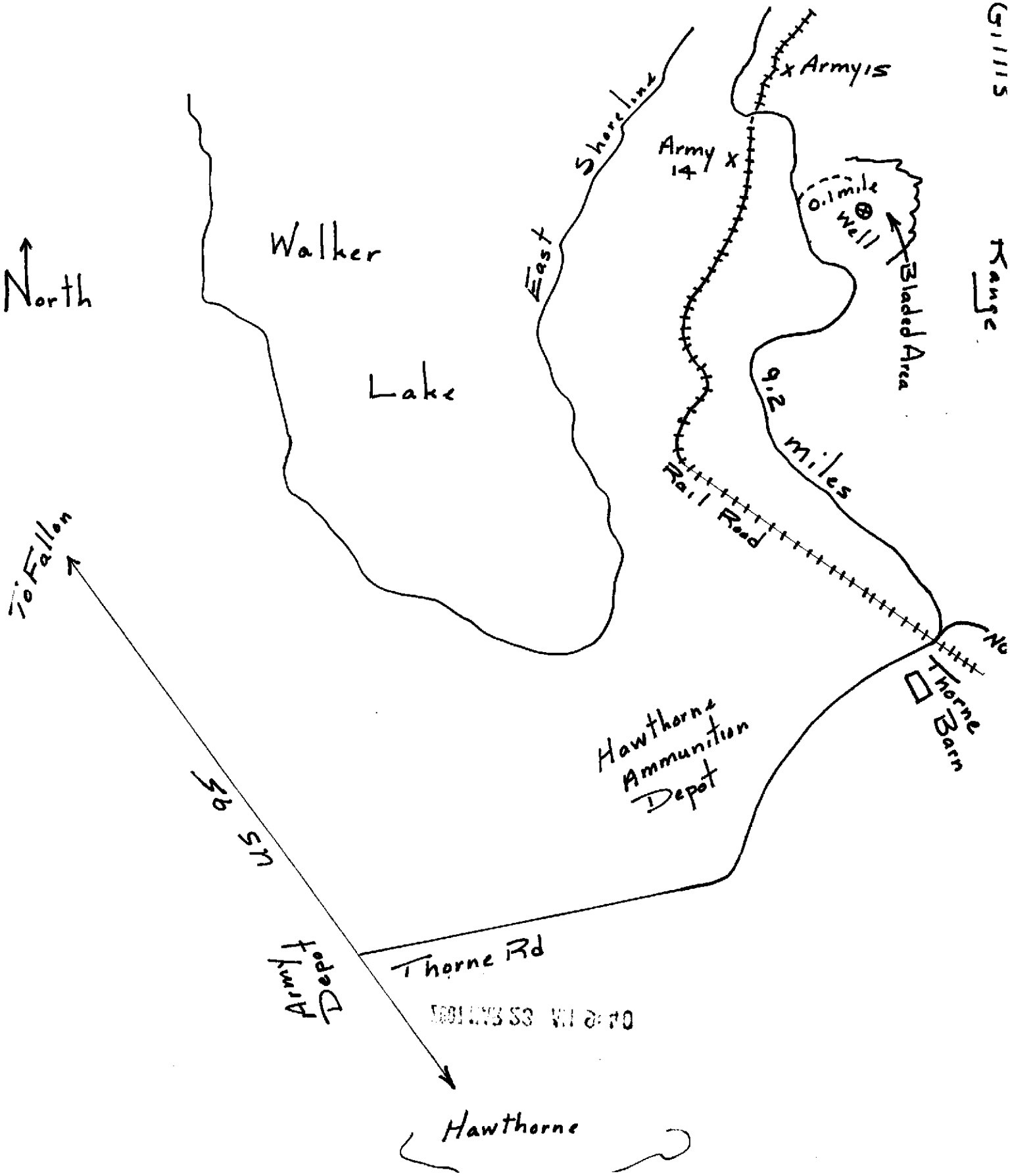
Wrong Location
~~38 42 34~~
R.N.P.

Log# 108035

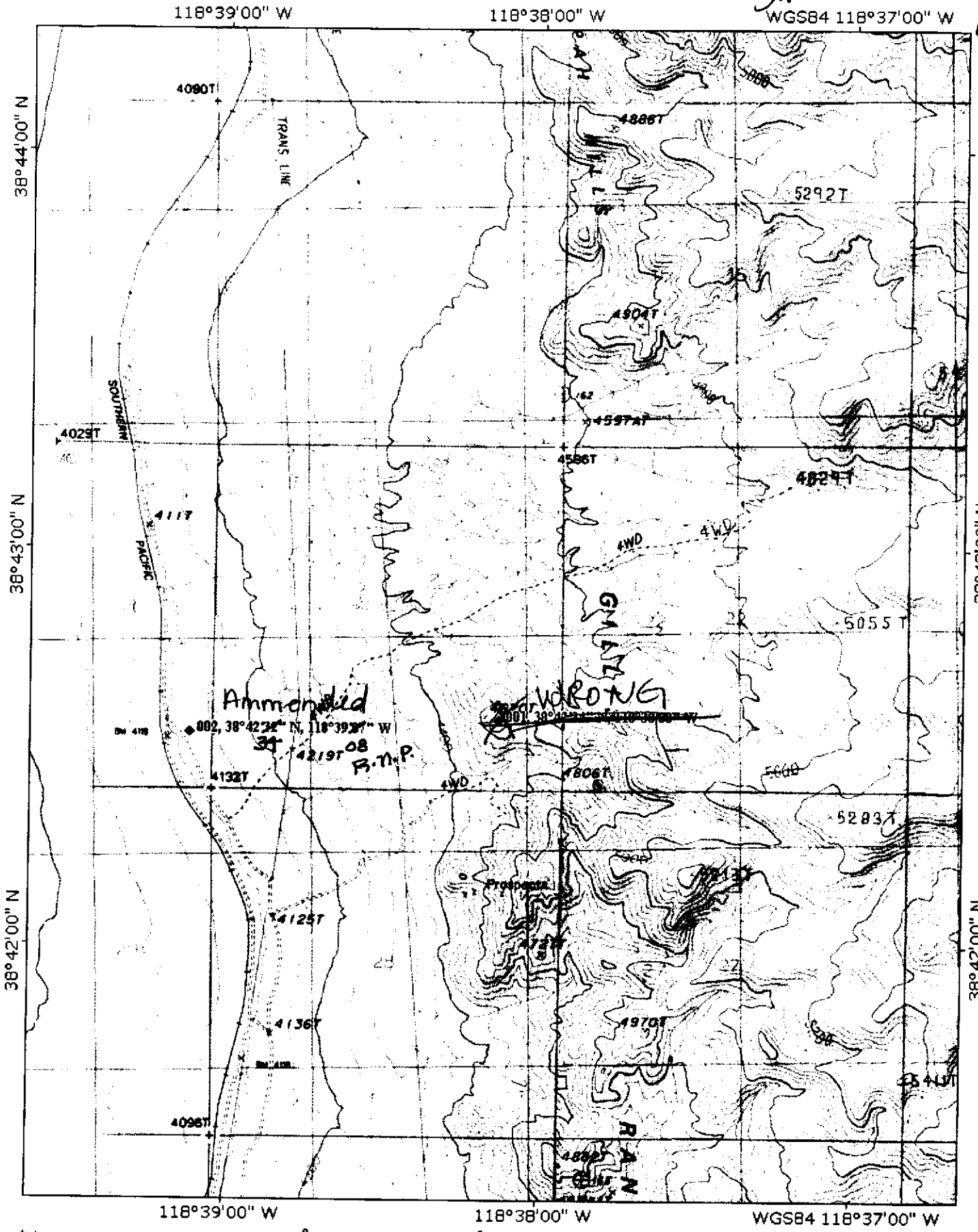
pg4

East Lake Site

T 10 N R 30 E Section 20 ~~NE~~ SE SE



TOPO! map printed on 05/23/08 from "Untitled.tpo" LOS# 108035 P95



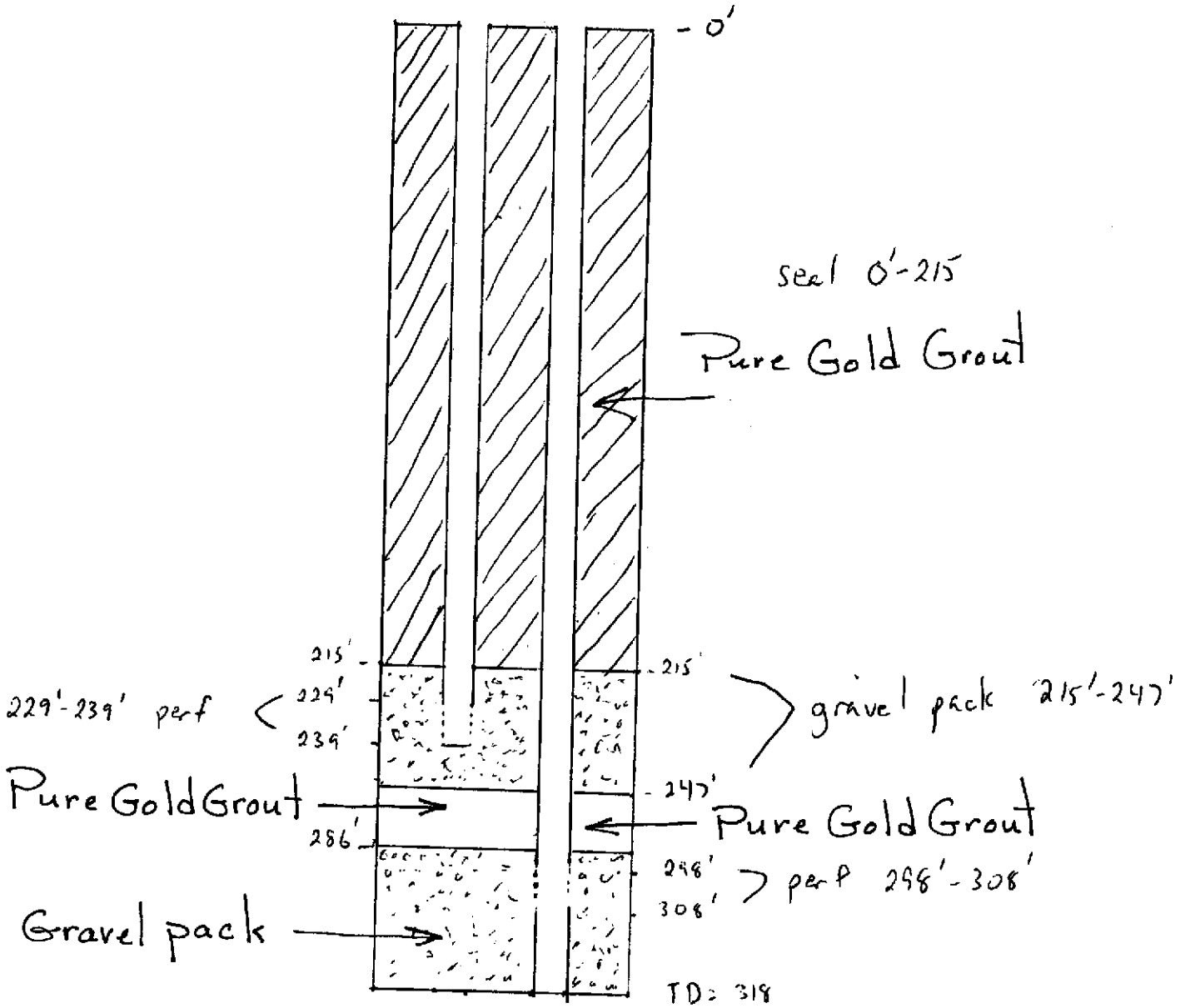
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

10N 30E 20DDAB Walker Lake Deep

East Lake Well

Log# 108035

pg6



Not to scale