page 1 of 2

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. 113967
Permit No.
Basin Ø54

NOTICE OF INTENT NO. 60186

1. OWNER PDTS (USA) INC
MAILING ADDRESS HC 66-50 Star route Beowawe, NV 89821
ADDRESS AT WELL LOCATION Cortez gold mine

2. LOCATION NE ¼ SE ¼ Sec. 29 T. 28 N S R. 47 E. Lander County
PERMIT NO. 001003 (Issued by Water Resources) | Parcel No. | 40° 15.978N 116° 41.412W nad 27 (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

6. LITHOLOGIC LOG SMA-10

Material	Water Strata	From	To	Thickness
	305			
Tremme pipe to bottom and pump grouted to surface. Used.				
18.5 bags of 47lb. cement. -15.1 lbs/gal				
18 bags of 47lb. 15.2 lbs/gal				
18 bags of 47lb 15.1 lbs/gal				
(17.5 bags of 47lb) 15.1 lbs/gal and only used half.				
40.266300°N NAD27				
116.690200°W				

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Date started 5/11, 2011
Date completed 5/11, 2011

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

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

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)
4	PVC	Sch 80	0	390

Perforations:
Type perforation fac
Size perforation 020
From 328 feet to 388 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

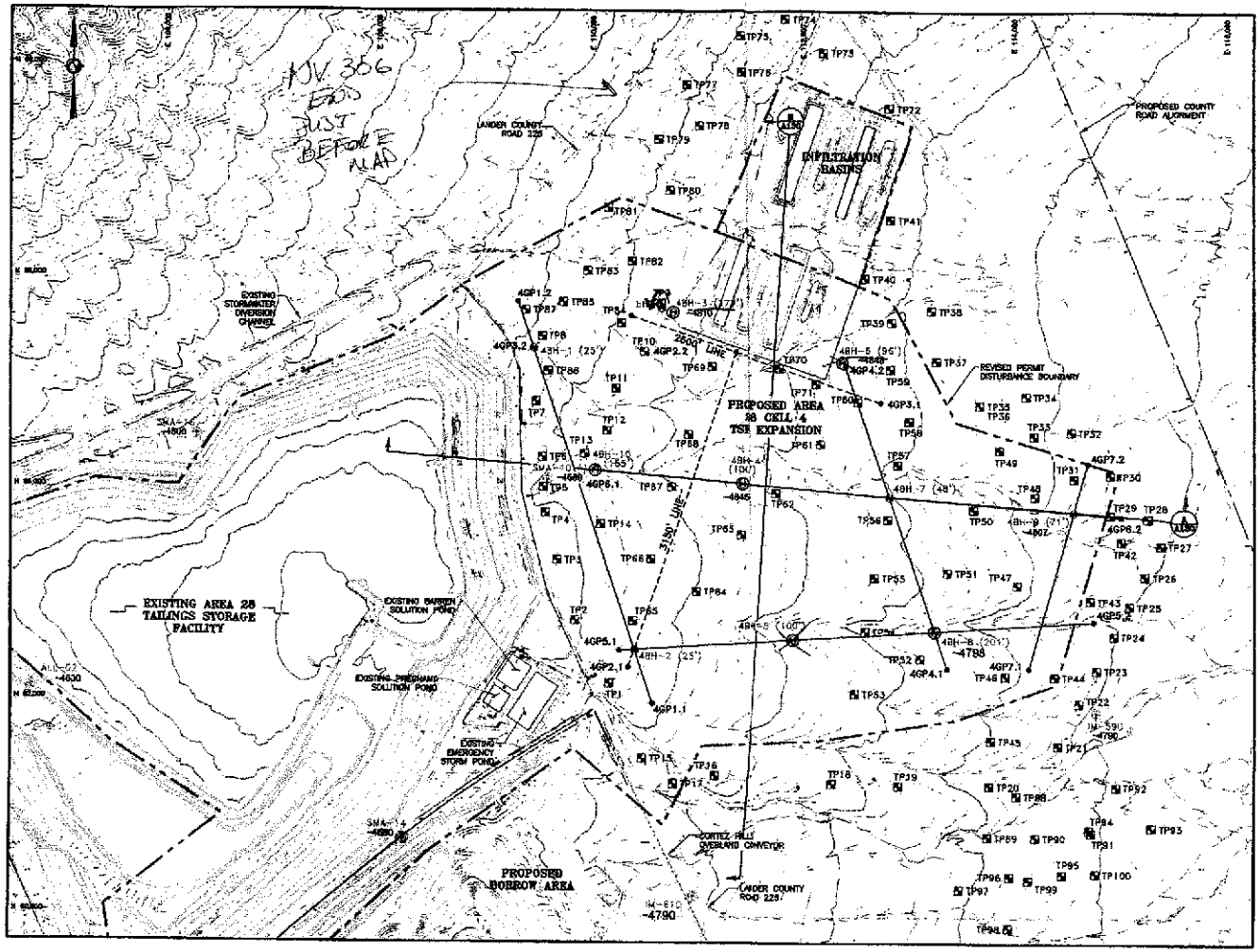
Gravel Packed: ☐ Yes ☐ No
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 305 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 Andresen Drilling (Contractor)
Address 1635 Belford rd. (Contractor)
Reno, NV 89509
Nevada contractor's license number issued by the State Contractor's Board 34525
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1028
Signed [signature] By driller performing actual drilling on site or contractor
Date 5/23/11

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

Well log #115101
Page 3 of 3
Basin 054



LEGEND:

- EXISTING GROUND SURFACE CONTOUR AND EL. FEET
- EXISTING DRAINAGE
- EXISTING ROAD/TRAIL
- EXISTING FENCE
- EXISTING POWER POLE
- REVISED PERMIT DISTURBANCE BOUNDARY
- SHEAR WAVE GEOPHYSICAL SURVEY LINE
- RESISTIVITY GEOPHYSICAL SURVEY LINE
- 48H-7 (48') — 2010 BORING (DEPTH)
- 48H-3 (177') — 2010 BORING WITH STANDPIPE (DEPTH)
- W-610 — EXISTING BARRICK MONITORING WELL
- -4810 — APPROXIMATE GROUNDWATER ELEVATION (AT TIME OF DRILLING)
- TP35 — TEST PIT LOCATION

500 0 500 1000 FEET

*THIS DRAWING MAY CONTAIN ELEMENTS THAT REQUIRE ADDITIONAL DETAILS PRIOR TO CONSTRUCTION FOR PROCUREMENT AND CONTRACTOR CLARIFICATION PURPOSES. ADDITIONALLY, THESE ELEMENTS MAY REQUIRE ADDITIONAL ENGINEERING AND STUDY PRIOR TO CONSTRUCTION. HORIZONTAL AND VERTICAL SURVEY CONTROL HAVE NOT BEEN PRESENTED FOR ALL REQUIRED ELEMENTS AND WILL REQUIRE REFINEMENT PRIOR TO CONSTRUCTION.

0	02/01/11	ISSUED FOR CONSTRUCTION	DTW / TMC

DISCLAIMER
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STATE ENGINEER'S OFFICE

PROFESSIONAL ENGINEER - STATE OF NEVADA
DEREK TODD WITTWER
Exp: 06/30/2012
Civil
No. 18071
02.01.11

CLIENT: BARRICK CORTEZ

PROJECT: AREA 28 TAILINGS STORAGE FACILITY CELL 4 EXPANSION

TITLE: GEOTECHNICAL INVESTIGATION

amec EARTH AND ENVIRONMENTAL

DESIGNED BY	TMC	CHECKED BY	CJB
DRAWN BY	TMC	APPROVED BY	DTW
FILENAME 9417000922-M014		DRAWING No. A120	REV 0