

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9356

Exam Date: 8/11/2008

1. Current Owner: ASPEN CREEK WATER ASSOCIATION INC
212 WEST IRONWOOD DR STE D164
COEUR D'ALENE ID 83814-1403
(208)664-0128
2. Accompanied by: James De Smet
Phone No: 208-765-2308
Address: South 2641 Silver Beach Loop
Relationship to Permit Holder: Engineer

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER

L3 NE1/4NW1/4

Sec. 4, Twp 49N, Rge 04W, B.M.

KOOTENAI County

Method of Determination: MAP

2.

PLACE OF USE: MUNICIPAL

[illegible]

Method of Determination:

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
D0028488	u/k	1.5	u/k	GOULD	336515

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements:

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT No. 95-9356						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	1.5	332.5170068	0.75	240	40
Q =	0.030 cfs 13.4 gpm					

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS: The permit was for Municipal and Stock water. The use of Municipal will cover the water use of stock water. Stock water should be removed from the license.

Have conditions of permit approval been met? X Yes ____ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	01/01 to 12/31	0.030 CFS	
<u>Totals:</u>		0.030 CFS	

2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above X None

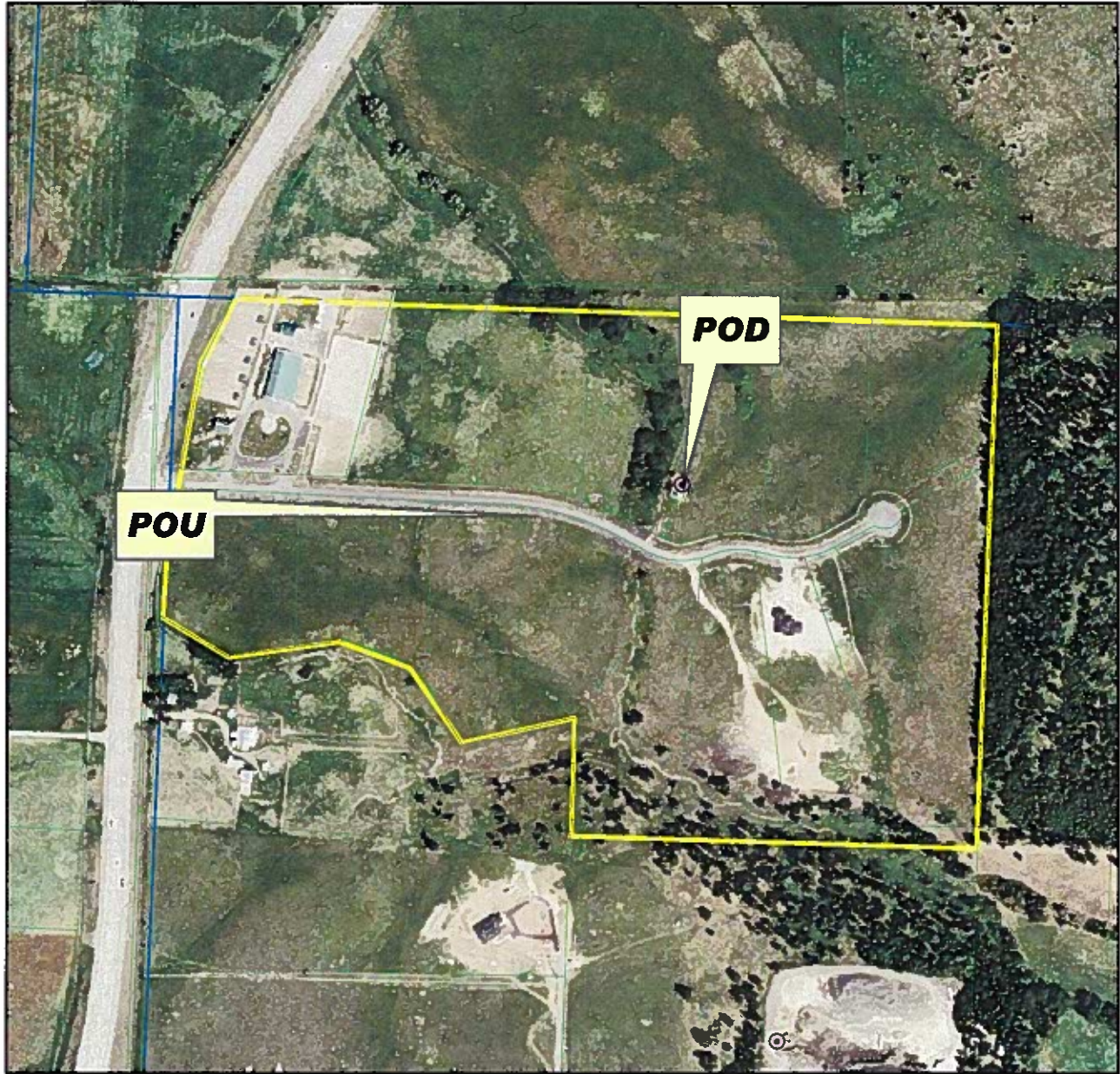
____ Change P.U. as reflected above ____ Add P.U. as reflected above ____ Other

I. AUTHENTICATION

Field Examiner's Name [Signature] Date 9-17-2008

Reviewer [Signature] Date 9/22/8

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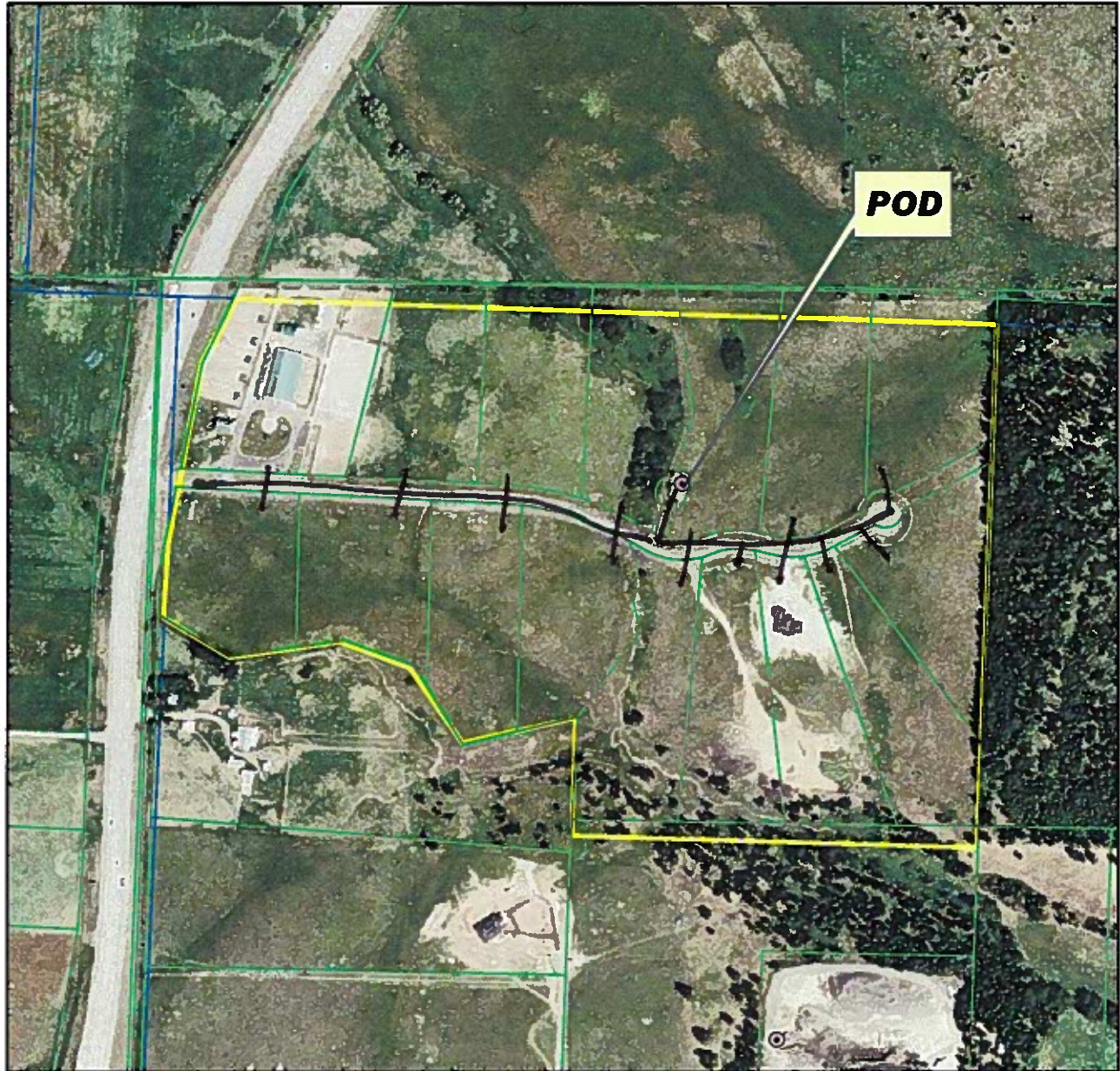
Legend

- ⊙ Right POD
- place of use

0 140 280 560 840 1,120 Feet



SYSTEM



Legend

- ⊙ Right POD
- place of use

0 140 280 560 840 1,120 Feet



WELL DRILLER'S REPORT RECEIVED

Office Use Only			
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat	:	:	Long
:	:	:	:

1. WELL TAG NO. D0028488 JUL 09 2003

Drilling Permit No: 803125
Other IDWR No. 95-9180 IDWR/North

2. OWNER
Name MIKE NEWELL / ASPEN CRK LLC Well Number: 583

Address 1100 E. LAKESHORE 102B
City COEUR D'ALENE State ID Zip 83814

3. LOCATION OF WELL by legal description
sketch map location must agree with written location

N	
X	
W	E
S	

Twp. 49 ☒ North or ☐ South
Rge. 4 ☐ East or ☒ West
Sec. 4 NW 1/4 NE 1/4 NW 1/4

Gov't Lot _____ County KOOTENAI

Lat: _____ Long: _____

Address of Well Site OFF MICA &
KIDD ISLAND RD. City CDA

(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name ASPEN CRK

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK

 check all that apply (Replacement, etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
DRY GRANULE				
BENTONITE	0	45	36 BAGS	OVERBORE

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 278

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8	+2	278	.322	STEEL	☒	☐	☒	☐
6	-250	390	.250	STEEL	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method TORCH

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
-370	390	1/8 X 6	48	6	STEEL	☒	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

240 ft. below ground Artesian pressure _____ lb.

Depth flow encountered 385 ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
50			1 HR

Water Temp. COLD Bottom Hole Temp. COLD

Water Quality test or comments: CLEAR

Depth first Water encountered 260

12. LITHOLOGIC LOG:(Describe repairs or abandonment)

				Water	
Bore Diam	From	To	Remarks: Lithology, Water Quality, Temperature	Y	N
14	0	9	Clay	☐	☐
12	9	45	Basalt	☐	☐
10	45	210	Basalt	☐	☐
10	210	260	Brown Clay	☐	☐
10	260	278	Clay w/ Brown Sand	☒	☐
8	278	380	Basalt	☐	☐
8	380	385	Fractured Basalt	☒	☐
8	385	390	Basalt	☐	☐

Completed Depth 390 (Measurable)

Date: Started 6/5/03 Completed 6/13/03

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name H2O WellService, Inc. Firm No. 448

Firm Official [Signature] Date 6-16-03

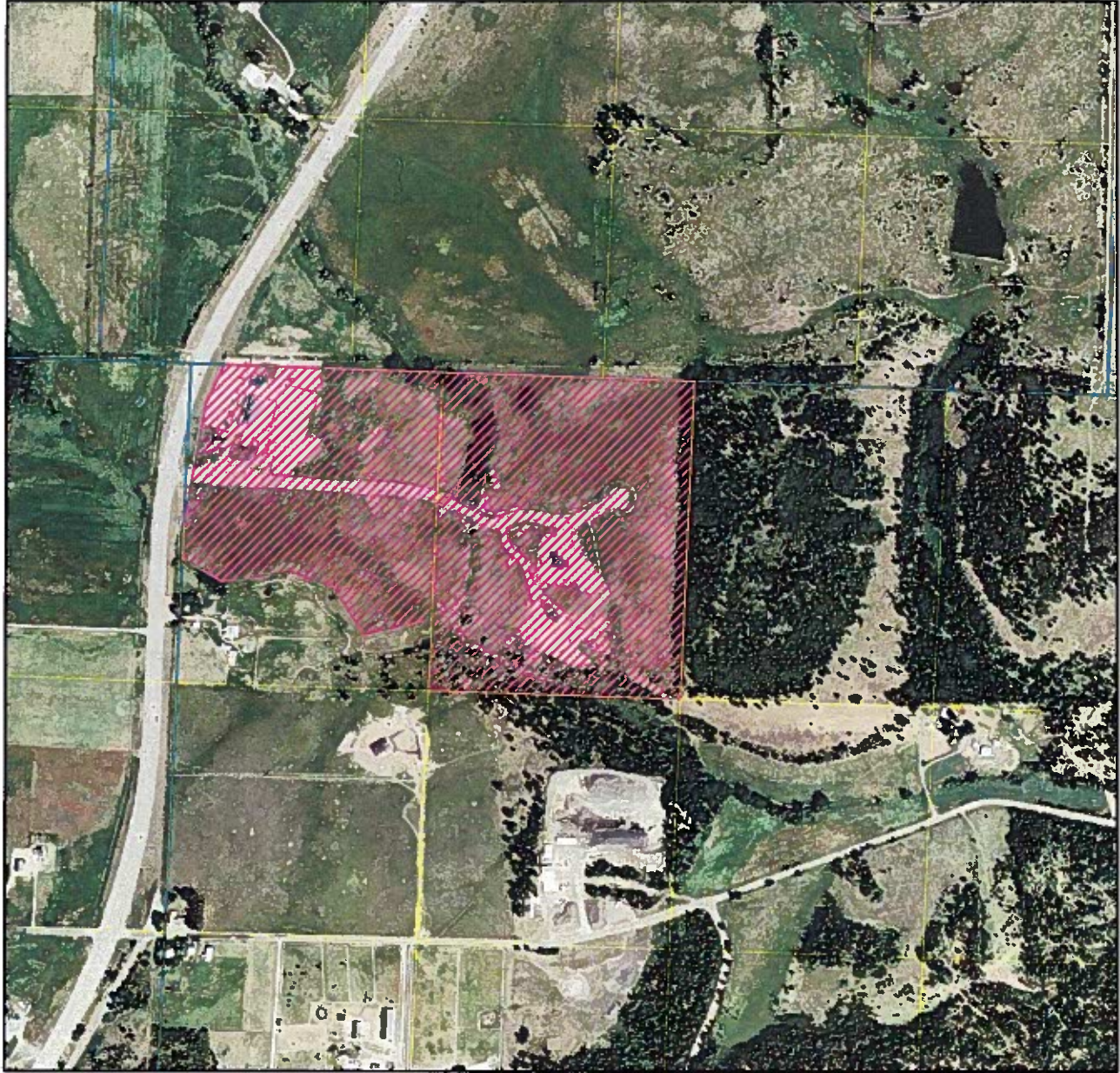
and Supervisor or Operator [Signature] Date 6-16-03

(Sign Once if Firm Official and Operator)

(Todd Morgan)

49N 4W 4

95-9356



Legend

-  Right POU
-  QQ

0 237.5475 950 1,425 1,900 Feet





PLACE OF USE MAP.JPG



POINT OF DIVERSION.JPG



PUMP HOUSE.JPG



WELL INFROMATION.JPG



WELL TAG #D0028488.JPG

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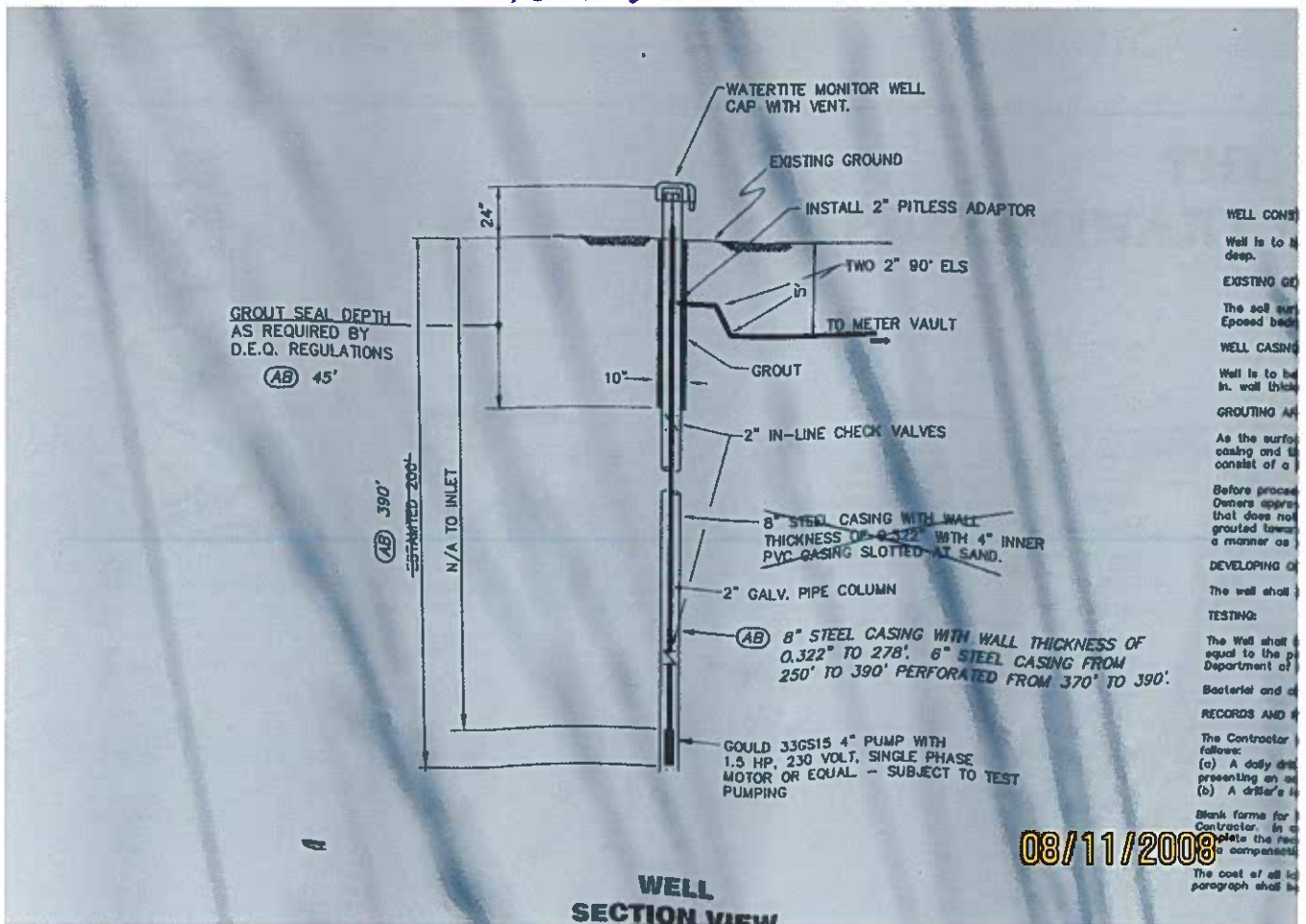
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