

MARI 62251

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 4859

START CARD # 200719

(1) LAND OWNER Owner Well I.D. 4859

First Name Last Name Company Knife River Address 41816 Stayton-Scio Rd. City Stayton State OR Zip 97383

(2) TYPE OF WORK [] New Well [] Deepening [] Conversion [] Alteration (repair/recondition) [X] Abandonment

(3) DRILL METHOD [] Rotary Air [] Rotary Mud [X] Cable [] Auger [] Cable Mud [] Reverse Rotary [] Other Excavator

(4) PROPOSED USE [] Domestic [] Irrigation [] Community [X] Industrial/ Commercial [] Livestock [] Dewatering [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION Special Standard [X] Attach copy Depth of Completed Well 0 ft

Table with columns: Dia, From, To, Material, Seal, From, To, Amt, sacks/lbs. Row 1: 10, 0, 40, Bentonite, 20, 40, 12, S

How was seal placed: Method [] A [] B [] C [] D [] E

[X] Other Poured and Probed

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: [] Yes Type Amount

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thr. Row 1: 10, 20, 40, .250, [X]

Shoe [] Inside [] Outside [] Other Location of shoe(s)

Temp casing [] Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method Mill Knife

Screens Type Material

Table with columns: Perf/S, Casing/Liner, Screen, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size

(8) WELL TESTS: Minimum testing time is 1 hour

Table with columns: Pump/Bailer/Air/Flowing Artesian, Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr)

Temperature 56 °F Lab analysis [] Yes By

Water quality concerns? [] Yes (describe below)

Table with columns: From, To, Description, Amount, Units

(9) LOCATION OF WELL (legal description)

County MARION Twp 6 S N/S Range 3 W E/W WM Sec 12 NW 1/4 of the SW 1/4 Tax Lot 300

Tax Map Number Lot Lat Long DMS or DD DMS or DD

[X] Street address of well [] Nearest address

9710 Wheatland Rd. Keizer, OR 97303

(10) STATIC WATER LEVEL

Table with columns: Existing Well / Predeepening, Completed Well, Date, SWL(psi), + SWL(ft), Flowing Artesian?, Dry Hole?

WATER BEARING ZONES Depth water was first found 17

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Row 1: 12-30-2008, 17, 40, 400, 17

(11) WELL LOG

Table with columns: Material, From, To, Ground Elevation. Includes 'RECEIVED JAN 09 2009 WATER RESOURCES DEPT SALEM, OREGON'

Date Started 12-30-2008 Completed 01-02-2009

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards.

License Number 1826 Date 1/6/09

Password: (if filing electronically)

Signed [Signature]

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above.

License Number 1394 Date 1-8-09

Password: (if filing electronically)

Signed [Signature]

Contact Info (optional)



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

January 2, 2009

MACK DRILLING CO.
EUGENE MACK WWC 1394
PO BOX 12067
SALEM, OR 97309

FINAL ORDER

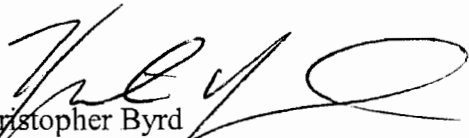
Dear Gene:

The Special Standard request you submitted for owner: Knife River, Start Card number 200719, is hereby approved for the following: You may abandon this water well in place by verifying that it is clean to the natural bottom and then filling it from the bottom up with unhydrated bentonite chips. This is necessary due to the fact that the well is in an active mining pit. This Special Standard was verbally approved on December 31, 2008. Your Special Standard request form is enclosed. All other standards must be adhered to.

The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.

If you have any questions regarding this letter, I may be contacted at (503) 986-0851, or by e-mail at Kristopher.R.Byrd@wrд.state.or.us.

Sincerely,


Kristopher Byrd
Well Construction Program Coordinator
Well Construction and Compliance Section

enclosure

cc: Joel Jeffery, NW Region Well Inspector
File

RECEIVED

JAN 09 2009

**WATER RESOURCES DEPT
SALEM, OREGON**

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Oregon Water Resources Department

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Specialist, Water Resources Department, 725 Summer Street NE, Suite "A", Salem OR 97301-1271. Requests may also be considered by the appropriate Regional Manager.

Date of request: 12/31/08 Oral approval date (if applicable): 12-31-08 KSS

Bonded Well Constructor (name, license #, and mailing address): Eugene Mack
Lic #1394 P.O. Box 12067 Salem, OR 97309

(1) Location of Well: NW 1/4 SW 1/4 Tax lot 300 Section 12,
 Township 6 N, Range 3 W, Marion County

Address at well site: 9710 Wheatland Road
Keizer, OR.

(2) Start Card Number(s)(for work to be done): 200719

(3) Name and Address of Land Owner: Knife River
41816 Stayton-Scio Rd. Stayton, OR 97345

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)
over 1/2 mile.

(5) The unusual site conditions which necessitate this request: Casing broke
off while trying to pull out. Pit depth
14 feet. Broke off 6' below ground. Left in 20 feet.

(6) The proposed construction methods that the bonded well constructor believes will be adequate for this well: (attach additional pages if needed)

The area around this well is currently
being mined out. The depth of the pit
once mining is complete will be below
the existing depth of the well. The section
of casing will be removed by the dredge.

RECEIVED

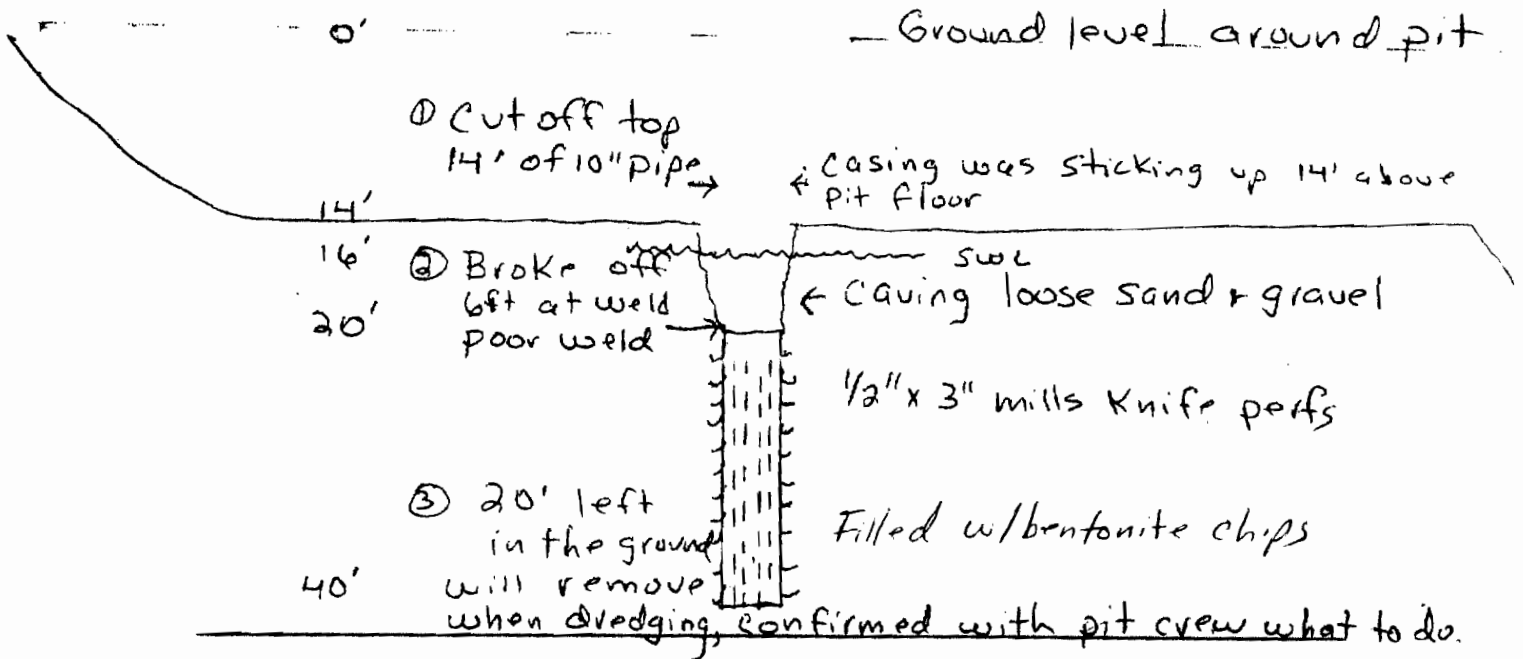
JAN 09 2009

WATER RESOURCES DEPT
 SALEM, OREGON

RECEIVED

DEC 31 2008

- (7) Diagram showing the pertinent features of the proposed well design and construction: (attach additional pages if needed)



PLEASE NOTE:

- (1) The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing ground water contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

Bonded Constructor Signature: Eugene T. Ward

revised 11/03/2003

RECEIVED

JAN 09 2009

DEC 31 2008

WATER RESOURCES DEPT
SALEM, OREGON