



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

May 20, 2010

STEVEN N STADELI #688
WESTERBERG DRILLING
36728 S KROPF RD
MOLALLA OR 97038

FINAL ORDER


Dear Steve:

The Special Standard request you submitted for owner: City of Keizer, Start Card number 201581, is hereby approved for the following: You may construct this well within 20 feet from the dedicated underground drain line leaving the building holding the associated well equipment. This approval is based on my discussion with Mr. Butts, the consultant for the project. Per our discussion, the only connection to this drain line is the drain from the well equipment building. If more connections are added to this line within the setbacks then the well shall be permanently abandoned. ***A stipulation of the special standard is that the well must be continuously cased and continuously sealed into the clay layer at approximately 90 feet bgs.*** A deeper seal shall be placed if required by rule. 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 concerning this letter, I may be contacted at (503) 986-0851, or by e-mail at Kristopher.R.BYRD@wrd.state.or.us.

Sincerely,



Kristopher Byrd, Coordinator
Well Construction Program
Well Construction and Compliance Section

enclosure

cc: NW Region Well Inspector
File

This is a final order in other than 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
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

Special Standards Request Form

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 Program Coordinator, Water Resources Department, 725 Summer Street NE, Suite A, Salem OR 97301-1266. Requests may also be considered by the appropriate Regional Manager.

Date of request: 5-19-10 Oral approval date (if applicable): 5-19-10

Bonded Well Constructor (name, license #, and mailing address): _____

Steven N. Stadel #688 36728 S. Kropf Rd., Molalla, OR 97038

(1) Location of Well: SW 1/4 NE 1/4 Tax lot 4500 Section 2,
 Township 7S N, Range 3W W, MARION County
 Address at well site: 1150 Brandon St, Keizer, OR

(2) Start Card Number(s)(for work to be done): 201581

(3) Name and Address of Land Owner: City of Keizer
930 Chemawa Rd NE, Keizer, OR

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)
20 feet

(5) The unusual site conditions which necessitate this request: _____
see letter from 4B Engineering on file

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

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**WATER RESOURCES DEPT
SALEM, OREGON**

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

see attached

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: _____

Steven N. Stadel

Revised 7/26/2006

Special Standards Request Form /2

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FNF

**WATER RESOURCES DEPT
SALEM, OREGON**

MAY-28-2004 01:27 From:

Kris Byrd

From: Kris Byrd
Sent: Wednesday, April 14, 2010 10:34 AM
To: brooke@4bengineering.com
Subject: RE: City of Keizer Proposed Wells

Mr. Butts,

If a licensed and bonded Water Supply Well Constructor submits a Special Standards Request Form to place the new City of Keizer wells, known as the Carlhaven West Facility and the Carlhaven East Facility, within 25 to 30 feet from dedicated underground drain lines leaving the buildings holding the associated well equipment then I will be happy to approve the special standard with the following stipulations. This approval would be based on our conversation this morning. Per our discussion, the only connections to these drain lines are the drains from the well equipment buildings. There are no other setback issues with these wells and no other setback special standards will be approved. A stipulation of the special standard will be that the wells are continuously cased and continuously sealed into the clay layer at approximately 90 feet bgs.

Please let me know if you have any questions.

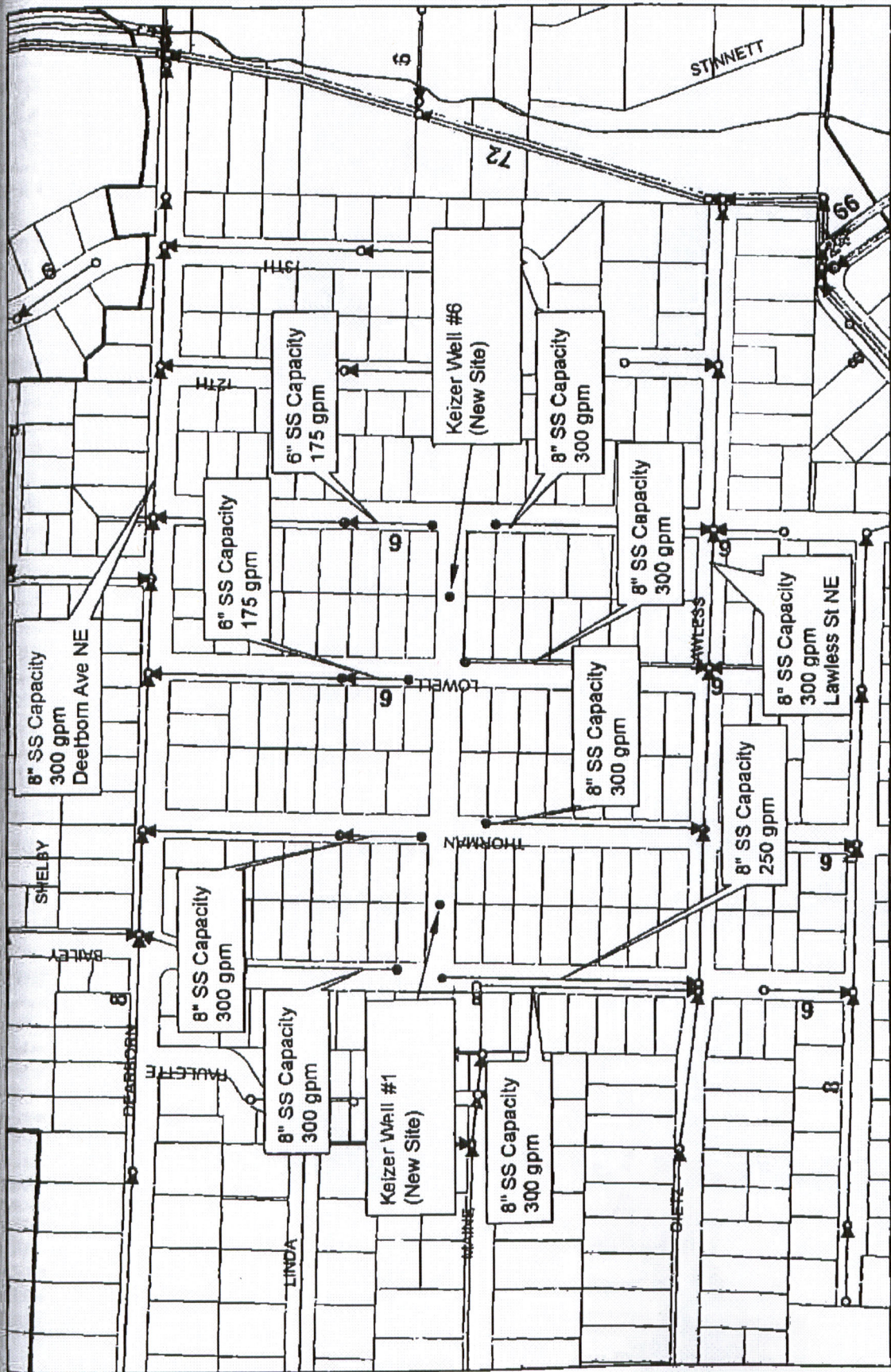
Kristopher R. Byrd, Coordinator
Well Construction Program
Well Construction and Compliance Section
(503) 986-0851 Direct Line
(503) 986-0902 Fax
Were on the Web: www.wrd.state.or.us

-----Original Message-----

From: brooke@4bengineering.com [mailto:brooke@4bengineering.com]
Sent: Tuesday, April 13, 2010 1:58 PM
To: kristopher.r.byrd@state.or.us
Subject:

Kris,
Attached is the information for the wells for the City of Keizer I talked to you about earlier. I will call again in a bit to discuss the issues and hopefully we can come to a conclusion.

Brooke Blakemore
4B Engineering & Consulting LLC
3000 Market Street
Suite 527
Salem, Oregon 97301
Phone: 503-589-1115
Fax: 503-589-1118
Cell: 503-881-6198



City of Keizer
 Carhaven Replacement Wells
 Proximity to Local Sanitary Sewers
 Scale: 1" = 300'-0"



From: byrdkr@wrds.state.or.us
Subject: RF- City of Keizer Proposed Wells
Date: 04/14/2010 01:34 PM
To: brooke@4bengineering.com

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If a licensed and bonded Water Supply Well Constructor submits a Special Standards Request Form to place the new City of Keizer wells, known as the Carlhaven West Facility and the Carlhaven East Facility, within 25 to 30 feet from dedicated underground drain lines leaving the buildings holding the associated well equipment then I will be happy to approve the special standard with the following stipulations. This approval would be based on our conversation this morning. Per our discussion, the only connections to these drain lines are the drains from the well equipment buildings. There are no other setback issues with these wells and no other setback special standards will be approved. A stipulation of the special standard will be that the wells are continuously cased and continuously sealed into the clay layer at approximately 90 feet bgs.

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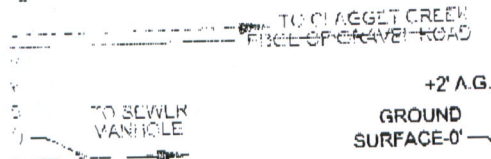
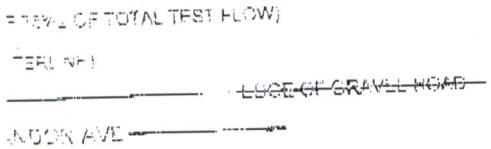
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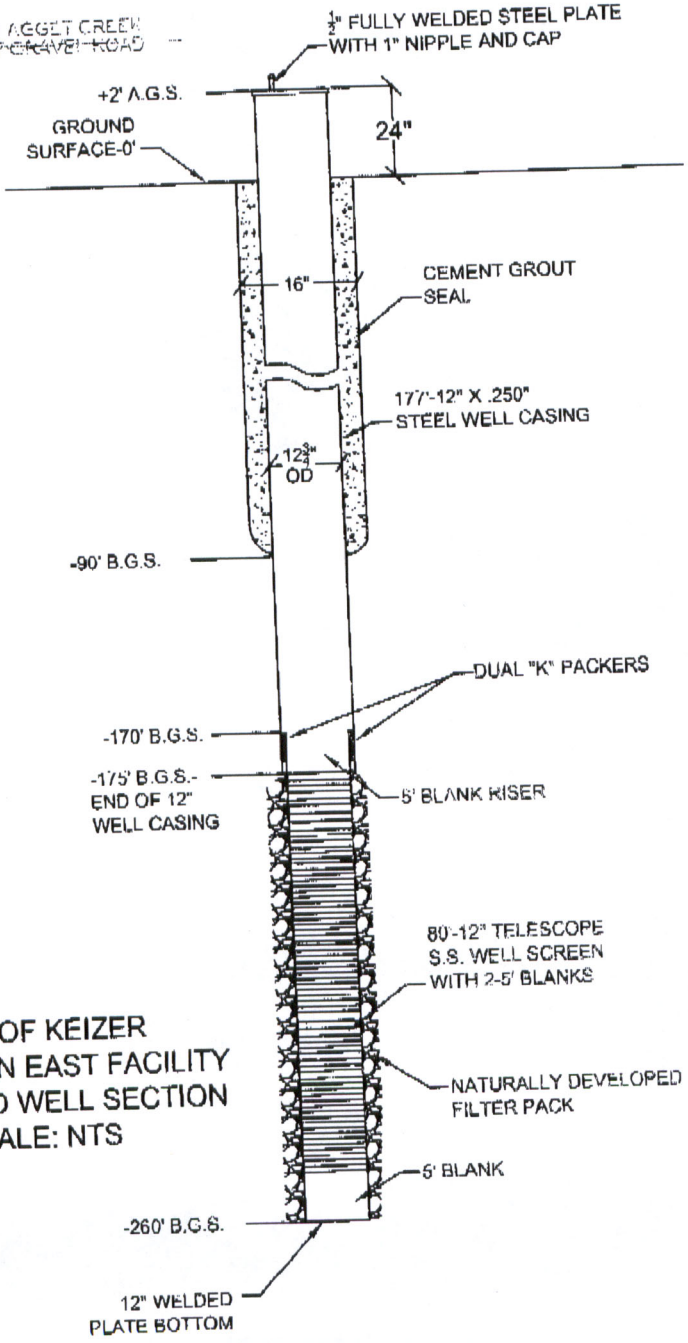
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SALEM, OREGON**



FOR 25% OF LEFT PUMP
AND DISCHARGE OF
TRIPED DRIFTING FLUIDS



CITY OF KEIZER
CARLHAVEN EAST FACILITY
PROPOSED WELL SECTION
SCALE: NTS

4B ENGINEERING & CONSULTING, LLC
3000 MARKET STREET, SUITE 527
SALEM, OREGON 97301
(503) 589-1115

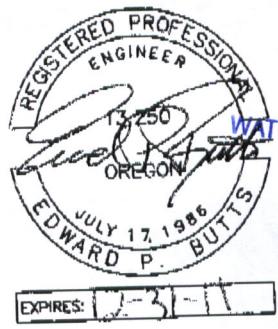
CITY OF KEIZER
SCHEDULE 1
CARLHAVEN EAST
SITE PLAN

PREPARED FOR:
CITY OF KEIZER
PO BOX 21000
KEIZER, OREGON 97307

DESIGN: EDWARD P. BUTTS, P.E.
DRAWN: BRODIE BLAEMORE
DATE: MARCH 28, 2010
DRAWING:
SCALE: AS SHOWN

REVISIONS:		
No.	Date	By

SHEET: 1



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MAY 20 2010
WATER RESOURCES DEPT
SALEM, OREGON



Oregon Water Resources Department
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 Salem Oregon 97301-1266
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W.D.I. 86728 S. Knopf RD MO 97038

(1) Location of Well: SW 1/4 NE 1/4 Tax lot 4500 Section 2,
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 Address at well site: 1150 BRANDON ST. KEIZER
OR.

(2) Start Card Number(s)(for work to be done): 201581

(3) Name and Address of Land Owner: CITY OF KEIZER
930 CHEMAWA RD NE KEIZER OR.

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)
20'

(5) The unusual site conditions which necessitate this request: SEE LETTER
FROM 4-B ENGINEERING ON FILE.

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SEE AS BUILT

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SALEM, OREGON

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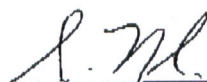
SEE ATTACHED

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ENT

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SALEM, OREGON**

From: byrdkr@wrđ.state.or.us
Subject: RE: City of Keizer Proposed Wells
Date: 04/14/2010 01:34 PM
To: brooke@4benengineering.com

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SALEM, OREGON**

MAY-28-2004 00:18 From:

To: 5039860902

P.677

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From: brooke@4bengineering.com
Sent: Tuesday, April 13, 2010 1:58 PM
To: kristopher.r.byrd@state.or.us

Attachments: SKMBT_C35310041312521.pdf; SKMBT_C35310041312530.pdf;
SKMBT_C35310041312531.pdf; SKMBT_C35310041312530.pdf



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312521.pdf (90 ... 312530.pdf (91 ... 312531.pdf (53 ... 312530.pdf (91 ...

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SALEM, OREGON

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CITY OF KEIZER
SCHEDULE 1
CARLHAVEN EAST
SITE PLAN

PREPARED FOR:
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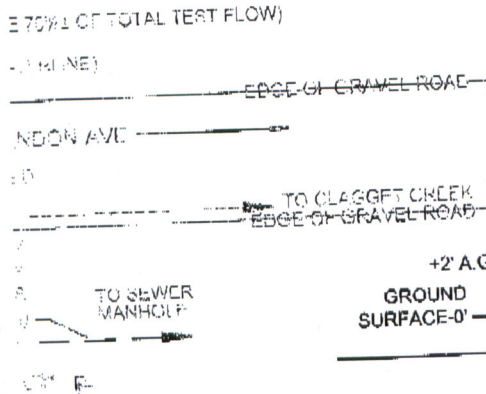
DESIGN: EDWARD P. BUTTS, P.E.
DRAWN: BROCK BLANKENHORN
DATE: MARCH 22, 2010
DRAWING:
SCALE: AS SHOWN

REVISIONS:		
No.	Date	By

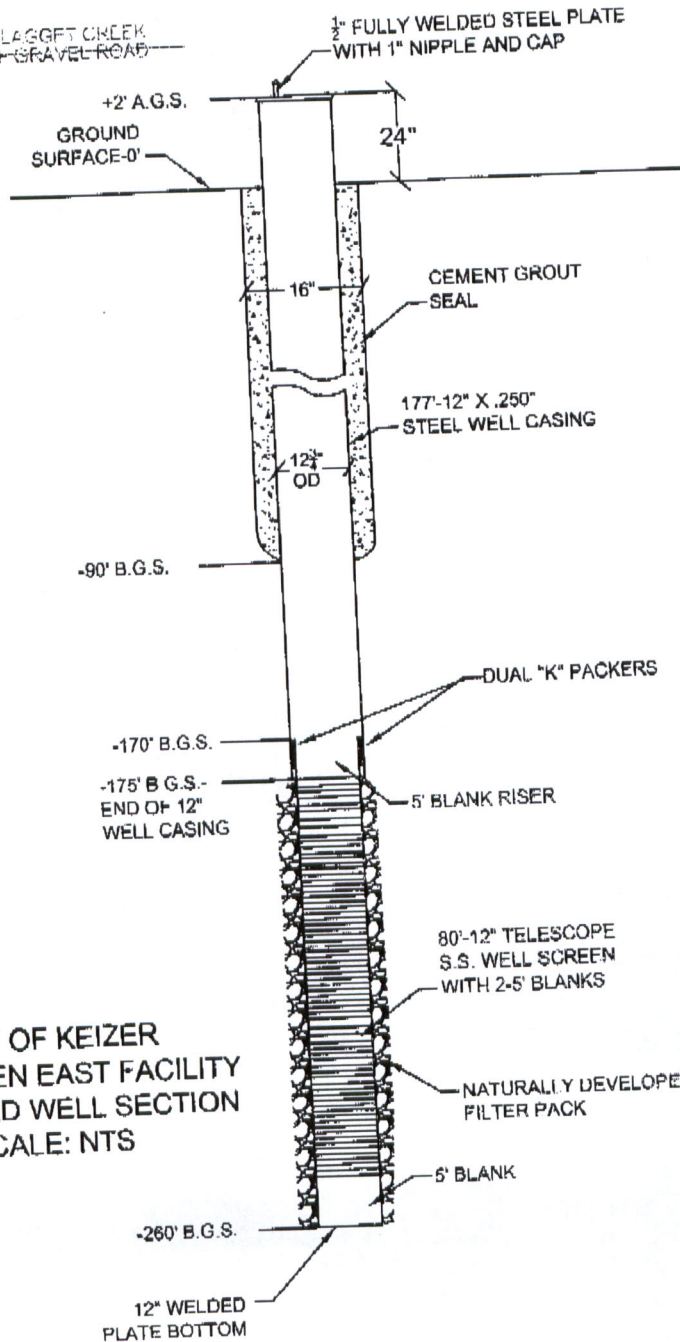
SHEET: 1



EXPIRES: 12-31-11



FOR 25% OF TEST PUMP
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DRILLED DRILLING FLUIDS



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CARLHAVEN EAST FACILITY
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SCALE: NTS