

Esther Solis

1-27-84

66 F9

JEFFERSON COUNTY HEALTH DEPARTMENT  
260 South Kipling Street  
Lakewood, Colorado 80226

PERMIT FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM NO. 9991

Permit Issued To: Mike Smith

Address: 12483 West Grand Drive, Morrison CO. 80465

Location of System: Lot 4, Unit 4, Evergreen Meadows

Conditions For Permit Issuance:

- 1.) This permit is issued for use by a 3 bedroom SINGLE FAMILY DWELLING ONLY. Despite applicable zoning, any change in this use without prior approval by this Department will result in revocation of this permit.
- 2.) A preliminary inspection by this department must be made upon completion of the 6 foot excavation.
- 3.) No acceptance of this system will be made without final inspection by this department.
- 4.) The leach field for this site shall be located 200 feet or more from all existing wells. The well for this site shall be located 200 feet or more from all existing or permitted leach fields. Any distance reduction requires a geological justification, in accordance with the Jefferson County Health Department Individual Sewage Disposal System Regulations, and must be approved by this department.
- 5.) Maintain 113 feet between the well on this site and the absorption field to the north.

Tank Capacity: 1000 Gal. (minimum)  
Absorption area: 710 Sq. Ft. (minimum)

Application Approval Date: November 9, 1983  
THIS PERMIT EXPIRES ONE YEAR FROM THIS DATE.

Approved by C.H. Miller, M.D., Director of Health

This individual sewage disposal system was installed by Pittsenhauer  
(License No.) \_\_\_\_\_ and has been inspected  
and accepted for use by a representative of the Jefferson County Health  
Department. The owner assumes all responsibility in case of failure or  
inadequacy of this sewage disposal system.

Date: 1-17-84 Sanitarian Doug Ryan

12/6/83 21x40x6' all wells OK

1/10/84 RT 5x11' all wells OK

1-17-84 - OK

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66 F10

Handwritten notes and signatures in the top left corner.

Boxed handwritten text, possibly a name or date.

THE BOARD OF DIRECTORS OF THE ... (mirrored text)

Handwritten initials or mark.

... (mirrored text)

THIS BEHIND EXHIBITS ONE LEVIN FROM THIS DATE ... (mirrored text)

... (mirrored text)

... (mirrored text)

... (mirrored text)

... (mirrored text)

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BEHIND FOR INDIVIDUAL SERVICE DISCLOSURE SYSTEM NO. 8881

TELEPHONE COMPANY ... (mirrored text)

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66. F11

Jefferson County Health Department

Certificate of Water and Sewer Service Availability

Job Address Date Building Permit No.

LOT #4 UNIT 4 EVERGREEN MEADOWS  
Legal Description Lot Block Subdivision

SINGLE FAMILY RESIDENCE  
Use of Building

Note to Applicant: Building permit will not be issued without this Certificate of Sewer and Water Service Availability signed by the District or agency supplying services.

MIKE SMITH 12483 WEST GRAND DRIVE MORRISON 80465 972-0953  
Owner Address Telephone

SEWER

Name of Sanitation District or Agency

( ) SEWER SERVICE AVAILABLE

(X) SEWER SERVICE NOT AVAILABLE

INDIVIDUAL SEWAGE PERMIT NO.

Comments or Conditions: 3 Bedroom

I hereby certify that availability of service is as indicated above.

Signature of Authorized Agent

Date

Review:

Jefferson County Health Dept.:

Signature

Date

WATER

Name of Water District or Agency

( ) WATER SERVICE AVAILABLE

(X) WATER SERVICE NOT AVAILABLE  
COLORADO WELL PERMIT NO. 59244

Comments or Conditions:

I hereby certify that availability of service is as indicated above.

Signature of Authorized Agent

Date

Review:

Jefferson County Health Dept.:

Signature

Date

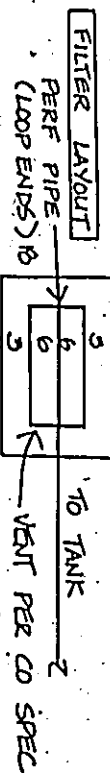
Esther Solis

1-27-89

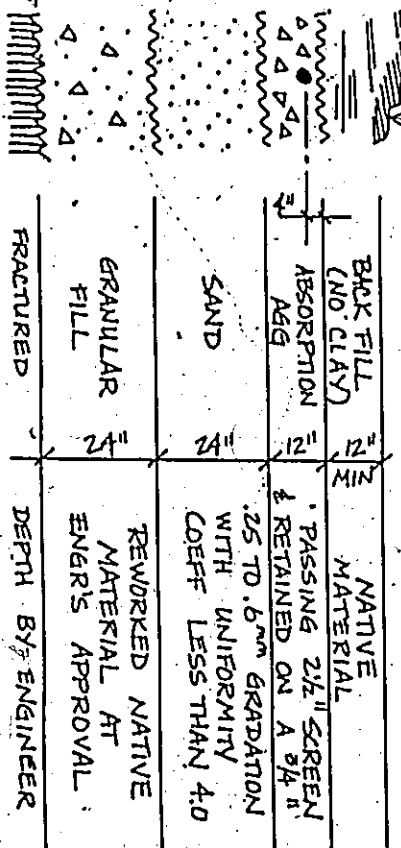
TEST HOLES WERE NOT DRILLED DUE TO SITE OR WEATHER CONDITIONS. PREVIOUS ADJACENT TESTING LEADS ME TO BELIEVE THAT BEDROCK IS AT OR NEAR THE SURFACE AND GROUND WATER IS AT A DEPTH GREATER THAN 8'-0". AN OPEN HOLE INSPECTION WILL BE MADE TO VERIFY FINAL DESIGN CRITERIA. AT THIS TIME A SAND FILTER DESIGN IS PROPOSED.

GIVEN 1) 3 BEDROOM HOME WITH WASHER AND GRINDER  
2) FILTRATION RATE OF 95 GAL/Ø/DAY  
3) BEDROOM X 2 PERSONS / BEDRM X 45 GAL / PERS / DAY X 1.5 = 675 GAL/DAY

MINIMUM DAILY FLOW  
3 BEDRMS X 2 PERSONS / BEDRM X 45 GAL / PERS / DAY X 1.5 = 675 GAL/DAY  
FILTER SIZE 675 GAL/DAY = 710 Ø  
PERTE TANK SIZE 95 GAL/Ø/DAY ← 18 X 40 BED



INSPECTED BY ENGR AT THIS DEPTH PRIOR TO BACKFILLING



RONALD BARIA & ASSOC.  
Professional Engineer, Inc.  
674-3025  
Route 7 Box 515 Englewood, Colorado 80150  
Structural Design Soil Engineering

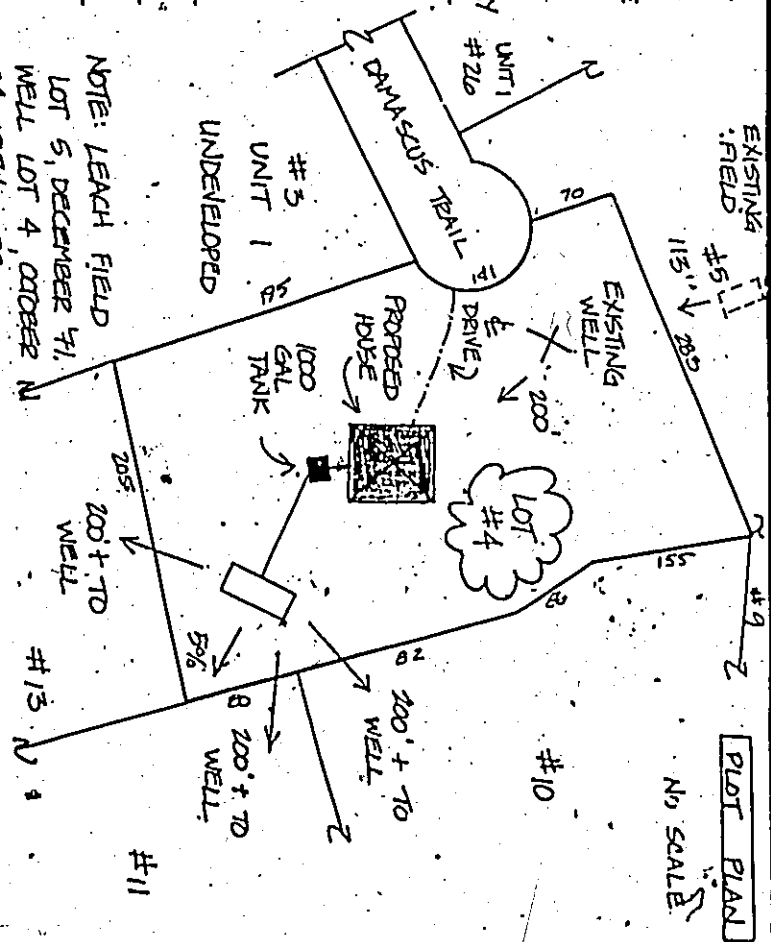
SEWAGE DISPOSAL SYSTEM  
5 OCTOBER 1983  
JEFFERSON COUNTY  
JOB#85-357  
REVISED 11/0/85

MR. MIKE SMITH  
12485 WEST GRAND DRIVE  
MORRISON, COLORADO 80465  
771-0410 X 268 W  
972-0955 H

NOTE: LEACH FIELD LOT 5, DECEMBER '71. WELL LOT 4, OCTOBER 24, 1974. PRIOR TO 200' DISTANCE REQUIREMENT DECEMBER 6, 1974.

\* NOTE DEPTH AHEAD

-VERIFY ALL PROPERTY LINES-



66 F12

PLOT PLAN NO SCALE

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66 F13

Type of Soil: Gravel Percolation Data: N/A  
Bedrock Data: near surface Groundwater Data: >8'  
Slope of Ground Surface: 5% Type of System: Sand Filter  
On-Site Inspection Data: Possible problem on getting field to the west of 185' to get well  
Tank Capacity: 1500 Absorption Area: \_\_\_\_\_

Conditions For Permit Issuance: (Check Where Applicable)

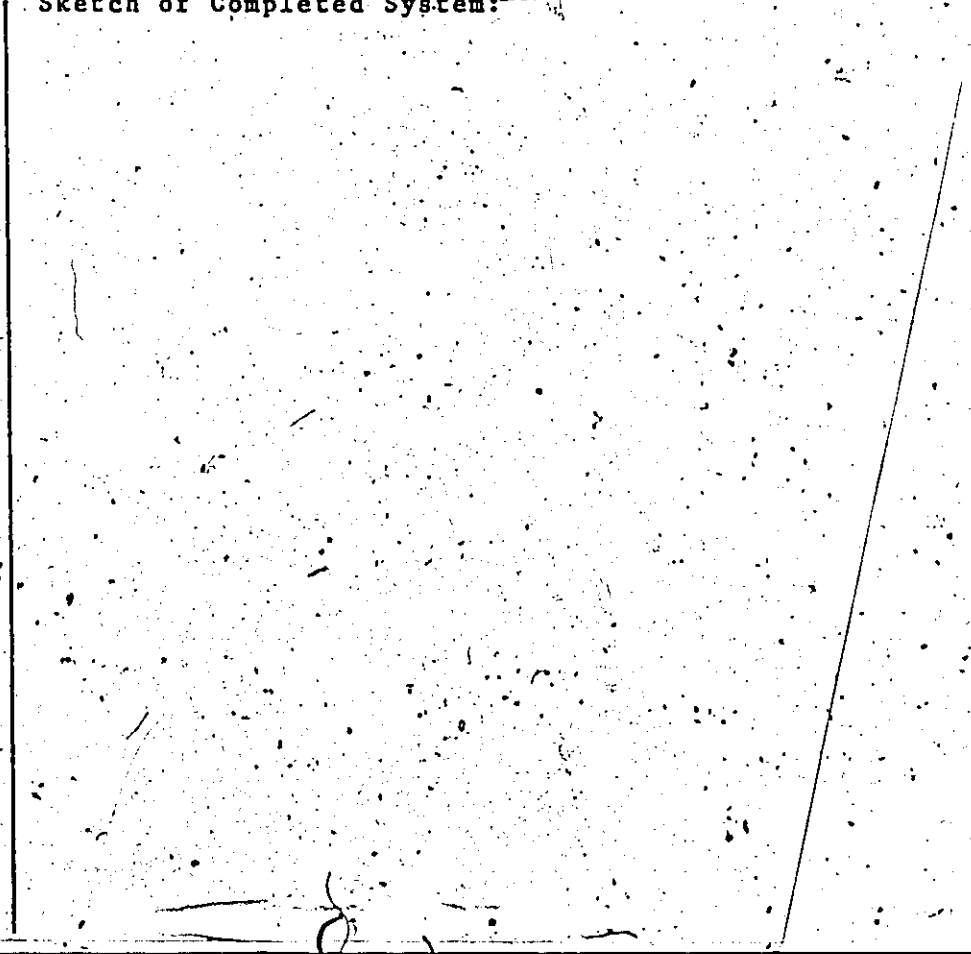
- 1.) Number of bedrooms 3
- 2.) A 6 foot preliminary inspection required.
- 3.) Final inspection required.
- 4A) 200 foot Separation Distances required.
- 4B) 200 foot Separation Distances with exceptions -  
Exceptions must be noted below:
- 5.) Maintain 113' between the well on this site and the absorption field to the North.

Application Acceptance Date: 11/27/87

Sanitarian: [Signature] Supervisor: [Signature]

\*\*\*\*\*

Inspection Data Sketch of Completed System:



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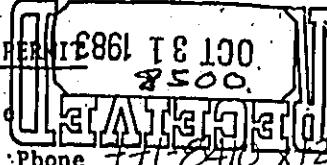
1-27-84

JEFFERSON COUNTY HEALTH DEPARTMENT  
260 So. Kipling Street, Lakewood, Colorado 80226  
Phone: 238-6301

66 F.19  
Jefferson County Health Dept.  
Environmental Health Division  
82208

APPLICATION FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM PERMIT

New       Repair       Emergency Use  
 Addition



Bus. Phone 771-2410 X 268

Name of Owner: MIKE SMITH Phone: 972-0953

Mailing Address of Owner: 12403 WEST GRAND DRIVE MORRISON 80465

Name of Applicant: \_\_\_\_\_ Phone: \_\_\_\_\_

Mailing Address of Applicant: \_\_\_\_\_

Location of Proposed System:  
Legal Description: LOT #4 UNIT 4 EVERGREEN MEADOWS

Street Address: \_\_\_\_\_

Size of Property: 2.0 AC± DATE LEGALLY SUBDIVIDED \_\_\_\_\_

Type of Structure:  Single Family Dwelling - No. of Bedrooms 3  
 Other \_\_\_\_\_

Water Supply:  Private Well       Public  
EXISTING (Specify)

The following data for this site must be determined by a Registered Professional Engineer or a Professional Geologist:

1. Percolation test rates.
2. Type of Soil.
3. Ground water table and bedrock within 8 feet of ground surface.
4. Slope of ground surface (direction and %).

Type of proposed Individual Sewage Disposal System: SEPTIC SYSTEM

Design and type of engineered system (when required): SAND FILTER

An appropriate plot plan must accompany this application (see attached sheet). An application fee of 106.00 must accompany this application. Permit will be mailed unless otherwise specified.

Permit to be mailed to:  Owner       Applicant       Picked Up

Permit must be issued before a building permit can be obtained.

Application for an individual sewage disposal system permit is hereby submitted. The individual sewage disposal system will be constructed and installed in accordance with the regulations governing individual sewage disposal systems in Jefferson County. I hereby acknowledge that the above information is true and that false information will invalidate this application or subsequent permit.

Signature of Owner: Michael A. Smith Application Date: 10/31/83

~~WATER ADVISORY DISCLOSURE SIGNATURE REQUIRED~~ EXISTING

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Michael A. & Collette M. Smith  
12483 W. GRAND DR.  
MORRISON, COLO. 80465

Jefferson County Dept. OF HEALTH  
ENVIRONMENTAL HEALTH DIVISION  
260 SOUTH Kipling  
LAKWOOD, COLO.  
ATTN: MR. Doug RYAN

DEAR MR. RYAN:

ON OCT. 18 '82 WE PURCHASED LOT 4, UNIT 4,  
OF EVERGREEN MEADOWS SUBDIVISION IN  
JEFFERSON COUNTY. WE ARE PRESENTLY GATHERING  
DATA TO APPLY FOR A NEW CONSTRUCTION  
BUILDING PERMIT.

WE ARE REQUESTING APPROVAL OF USE OF  
THE EXISTING WELL ON OUR LOT. IT WAS  
INSTALLED ON OCT. 24, 1974. THE WELL IS  
WITHIN 200 FT. OF OUR WESTERLY NEIGHBOR'S  
SEPTIC SYSTEM - BUT NOT CLOSER THAN 100 FT.  
THE LAW GOVERNING THE DISTANCE BETWEEN  
ANY WELL AND SEPTIC SYSTEM WAS CHANGED  
ON DEC. 6, 1974, TO 200 FT. PREVIOUSLY,  
AND AT THE TIME OUR WELL WAS INSTALLED,  
THE DISTANCE OF 100 FT. WAS ACCEPTABLE.

Michael A. Smith  
Collette M. Smith

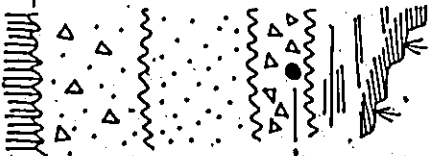
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RONALD BARIA & ASSOC.  
Professional Engineer, Inc.  
Route 7 Box 575 Empress, Colorado 80439  
Structural Design Soil Engineering

INSPECTED BY ENGR AT THIS DEPTH PRIOR TO BACKFILLING



FRACTURED	DEPTH BY ENGINEER	REWORKED NATIVE MATERIAL AT ENGR'S APPROVAL
GRANULAR FILL	24"	
SAND	24"	25 TO 6" GRADATION WITH UNIFORMITY COEFF LESS THAN 4.0
BACK FILL (NO CLAY) ABSORPTION	24"	PASSING 2 1/2" SCREEN & RETAINED ON A 9/4" & 2
		NATIVE MATERIAL

TEST HOLES WERE NOT DRILLED DUE TO SITE OR WEATHER CONDITIONS. PREVIOUS ADJACENT TESTING LEADS ME TO BELIEVE THAT BEDROCK IS AT OR NEAR THE SURFACE AND GROUND WATER IS AT A DEPTH GREATER THAN 8'-0". AN OPEN HOLE INSPECTION WILL BE MADE TO VERIFY FINAL DESIGN CRITERIA. AT THIS TIME A SAND FILTER DESIGN IS PROPOSED.

GIVEN: 1) 3 BEDROOM HOME WITH WASHER AND GRINDER 2) FILTRATION RATE OF 95 GAL/ft<sup>2</sup>/DAY

MAXIMUM DAILY FLOW: 3 BDRMS X 2 PERSONS/BDRM X 75 GAL/PERSON/DAY X 1.5 = 675 GAL/DAY

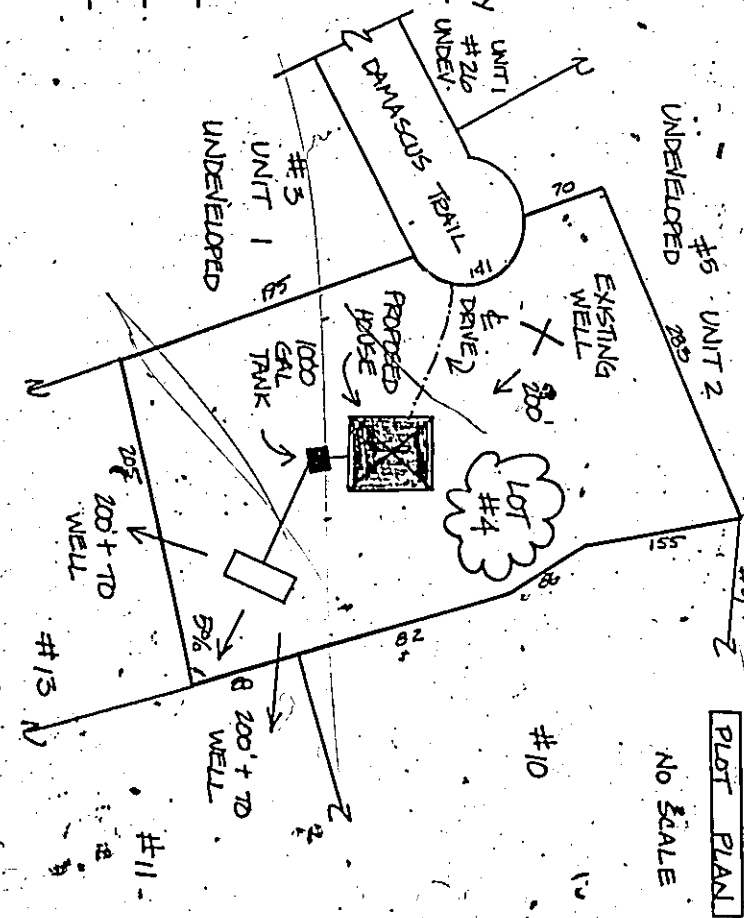
FILTER SIZE: 675 GAL/DAY ÷ 7.10 ft<sup>2</sup> = 95 GAL/ft<sup>2</sup>/DAY

SEPTIC TANK SIZE: 40 USE 1000 GAL TANK

FILTER LAYOUT: 10 TANK, 2 SPEC, 2

PERF PIPE (LOOP ENDS): 18

VENT PER CO SPEC



66 62  
PLOT PLAN  
NO SCALE

SEWAGE DISPOSAL SYSTEM  
5 OCTOBER 1985  
JEFFERSON COUNTY  
JOB#85-359

LOT #4  
UNIT 4  
ENERGREEN MEADOWS  
2.0 AC.

MR. MIKE SMITH  
12400 WEST GRAND  
DRIVE  
PROBATION, COLORADO  
80465  
771-0410 X 268 W  
972-0953 H

-VERIFY ALL PROPERTY LINES-



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1-27-84

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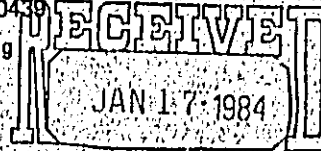
**RONALD BARTA & ASSOC.**

Professional Engineer, Inc.

**674-3025**

Route 7 Box 575 Evergreen, Colorado 80439

Structural Design Soil Engineering



Jefferson County Health Dept.  
Environmental Health Division

Mr. Doug Ryan  
c/o Jefferson County Health Dept.  
260 South Kipling Street  
Lakewood, CO 80226

16 January 1984

Re: Lot #4 Evergreen Meadows Unit 4  
Mike Smith Property

Dear Mr. Ryan:

The above mentioned property has been reviewed for an individual sewage disposal system revision, changing from a sand filter to a ripped-base seepage bed.

During heavy-equipment excavation to expose a sufficient amount of soil for testing and observation, the decomposed granite and topsoil encountered were altered to the consistency of a medium-to-fine loamy sand. Since previous testing of such soils by this office has indicated perc rates of 5 to 10 MPI, the original design square footage is slightly above minimum requirements, but should be adhered to for optimum performance. Additionally, a medium-to-fine loamy sand is a suitable filtering material for wastewater treatment.

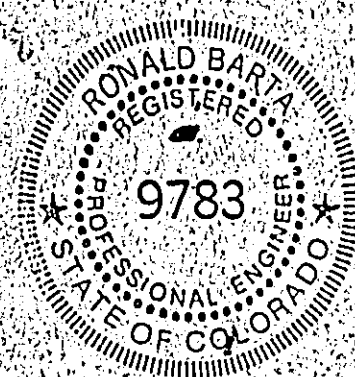
Revision is hereby recommended.

Feel free to call me, if you have any questions.

Thank you,

Ronald E. Barta, P.E., Inc.

REB:tf



999/

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[Redacted]

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Need to check  
well dist

Review Case No 1

12-2-82

Red Tag

call Joe. Bortanieri and  
find out the nature of  
the shower room etc

P.M. 1-11-83  
Rocky

1/20/84 All well dist ok  
well > 200'  
dist

66

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JF27-89

b6

G6

Basin Creek Lake Park



Soda Lake

**Oxford Pendaflex**  
CORPORATION

STOCK No. 7221/3

285

Santa Fe

MADE IN U.S.A.

