

WATER WELL REPORT

State of Washington Date Printed: 04-May-2006 Log No.

11106

Construction / Decommission: Original
Construction Notice

196430

CURRENT

Notice of Intent No.: W231858

Unique Ecology Well I.D. No APN392

Water Right Permit Number:

OWNER: SHEPHERD, JAMES

OWNER ADD 35298 GLEN LANE

WILDOMAR, CA 92595

Well Add 41 EAGLE LANE

City: Kettle Falls, WA 99141 County: Stevens

Location: SE 1/4 SW 1/4 Sec 2 T 36 R 37E EW

Lat/Long: (s, t, r still) Lat Deg Lat Min/Sec

REQUIRED) Long Deg Long Min/Sec

Tax Parcel No.:

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure. Show thickness of aquifers and the kind and nature of the material in each stratum penetrated. Show at least one entry for each change in formation.

Material	From	To
EXISTING WELL	0	340
GRAY GNEISS QUARTZ STRING TAN	340	640

RECEIVED

MAY 30 2006

DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Notes:

Work start 04/27/2006 Complete 04/29/2006

WELL CONSTRUCTION CERTIFICATION:

I constructed and/or accept responsibility for construction of this well and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

Driller Engineer Trainee

Name: ANDREW BAKER License No.: 2751T

Signature: 

Trainee, Licensed driller is: RONALD HURN License No.: 2258

Licensed Driller Signature 

Drilling Company:

NAME: FOGLE PUMP & SUPPLY, INC. Shop: COLVILLE

ADDRESS: 316 W. 5TH

Colville, WA 99114

Phone: 509-684-2569 Toll Free: 800-533-6518

E-Mail: jrs@foglepump.com

FAX: 509-684-3032 WEB Site: www.foglepump.com

Contractor's Registration No.: FOGLEPS095L4 Date Log Created: 05/03/200

PROPOSED USE: DOMESTIC

TYPE OF WORK: Owner's Well Number: (If more than one well) 1

DEEPENED Method: ROTARY

DIMENSIONS Diameter of well: 6 inches

Drilled 340 ft. Depth of completed well 640 ft.

CONSTRUCTION DETAILS:

Liner installed:

" Dia from ft. to ft.

Casing installed EXISTING

" Dia from ft. to ft.

" Dia from ft. to ft.

Perforations: No Used in:

Type of perforator used

SIZE of perforations in. b in.

Perforation from ft. to ft.

Perforation from ft. to ft.

Perforation from ft. to ft.

Screens: No K-Pac Location

Manufacturer's Name

Type: Model No

Diam. slot size from ft. to ft.

Diam. slot size from ft. to ft.

Gravel/Filter packed: No Size of Gravel

Material placed fro ft. to ft.

Surface seal: No To what depth ft.

Seal method: Material used in seal EXISTING

Did any strata contain unusable water No

Type of water Depth of strata

Method of sealing strata off

PUMP: Manufacturer's name

Type: H.P. 0

WATER LEVELS Land-surface elevation above mean sea level: 0 ft.

Static level 220 ft. below top of well Date 04/29/2006

Artesian Pressure lbs per square inch Date

Artesian water controlled by

WELL TESTS: Drawdown is amount water level is lowered below static level.

Was a pump test made No If yes, by whom

Yield gal/min with ft drawdown after

Yield gal/min with ft drawdown after

Yield gal/min with ft drawdown after

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time: Water Level	Time: Water Level	Time: Water Level	Time: Water Level

Date of test:

Bailer test gal/min ft drawdown after hrs.

Air test 1 gal/min w/ stem set at 339 ft. for 1 hours

Artesian flow gpm Date

Temperature of water Was a chemical analysis made No

File Original and First Copy with
Department of Ecology
Second Copy—Owner's Copy
Third Copy—Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W22969

UNIQUE WELL I.D. #

Water Right Permit No.

(1) OWNER: Name Mike Bickle

Address 4177-D Hwy 395 N., Kettle Fall

(2) LOCATION OF WELL: County Stevens

SE SW K Sec. 2 T. 36N. R. 37W

(2a) STREET ADDRESS OF WELL (or nearest address) Same as above

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTIC

Formation: Describe by color, character, size of material and structure, and thickness of aquifers and the kind and nature of the material in each stratum penetrated with at least one entry for each change of information.

(4) TYPE OF WORK: Owner's number of well
(If more than one)

Abandoned New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 6 inches.

34C

Drilled 6 feet. Depth of completed well 6 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 Diam. from 6 ft. to 6 ft.

Welded Diam. from 6 ft. to 6 ft.

Liner installed Diam. from 6 ft. to 6 ft.

Threaded Diam. from 6 ft. to 6 ft.

Perforations: Yes No

Type of perforator used

SIZE of perforations in. by in.

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

Screens: Yes No

Manufacturer's Name

Type Model No.

Diam. Slot size from ft. to ft.

Diam. Slot size from ft. to ft.

Gravel packed: Yes No Size of gravel

Gravel placed from ft. to ft.

Surface seal: Yes No To what depth? ft.

Material used in seal

Did any strata contain unusable water? Yes No

Type of water? Depth of strata

Method of sealing strata off

(7) PUMP: Manufacturer's Name

Type H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ft.

Static level ft. below top of well Date

Artesian pressure lbs. per square inch Date

Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.

" " "

" " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

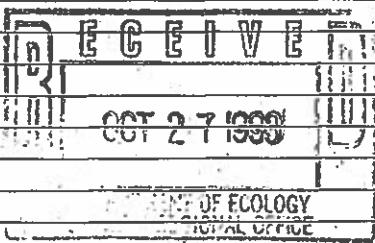
Date of test

Baller test gal./min. with ft. drawdown after hrs.

Airstest gal./min. with stem set at ft. for hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? Yes No



Work started 9-10 19. Completed 9-10 19

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well and its compliance with all Washington well construction standards. Materials used and the information reported above, are true to my best knowledge and belief.

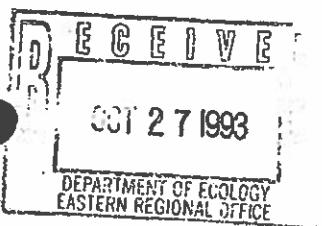
NAME Lyman Bartholomew (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address 14010 Lincoln Rd., Spokane

(Signed) Lyman Bartholomew (WELL DRILLER) License No. 0028

Contractor's Registration No. BARTHT*24903 Date 10-22-93 19

Temperature of water Was a chemical analysis made? Yes No



Permit No. W 22969

HYDRO-FRACTURING LOG

1. OWNER: Name Mike Bickle
Address: 4177-D Hwy 395 N., Kettle Falls, WA 99141

Total depth 340 Diameter 6"

2. LOCATION OF WELL: County Stevens
SE 1/4 SW 1/4 Sec. 2 T 36 N, R 37 WM

3. TYPE OF WORK: Hydro-fracturing

4. WELL TESTS:

Yield: gal./min. with ft. drawdown after Hrs.
Pre-frac:

Post-frac:

5. HYDRO-FRACTURING LOG

Hydrofractured at depths of:

273 - 340 ft
168 - 273 ft
168 - 63 ft

6. HYDRO-FRACTURER'S STATEMENT:

This well was hydro-fractured under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Northwest Hydrofracturing

Address W. 14010 Lincoln Road, Spokane, WA 99204

Signed Lynn B. Bickle

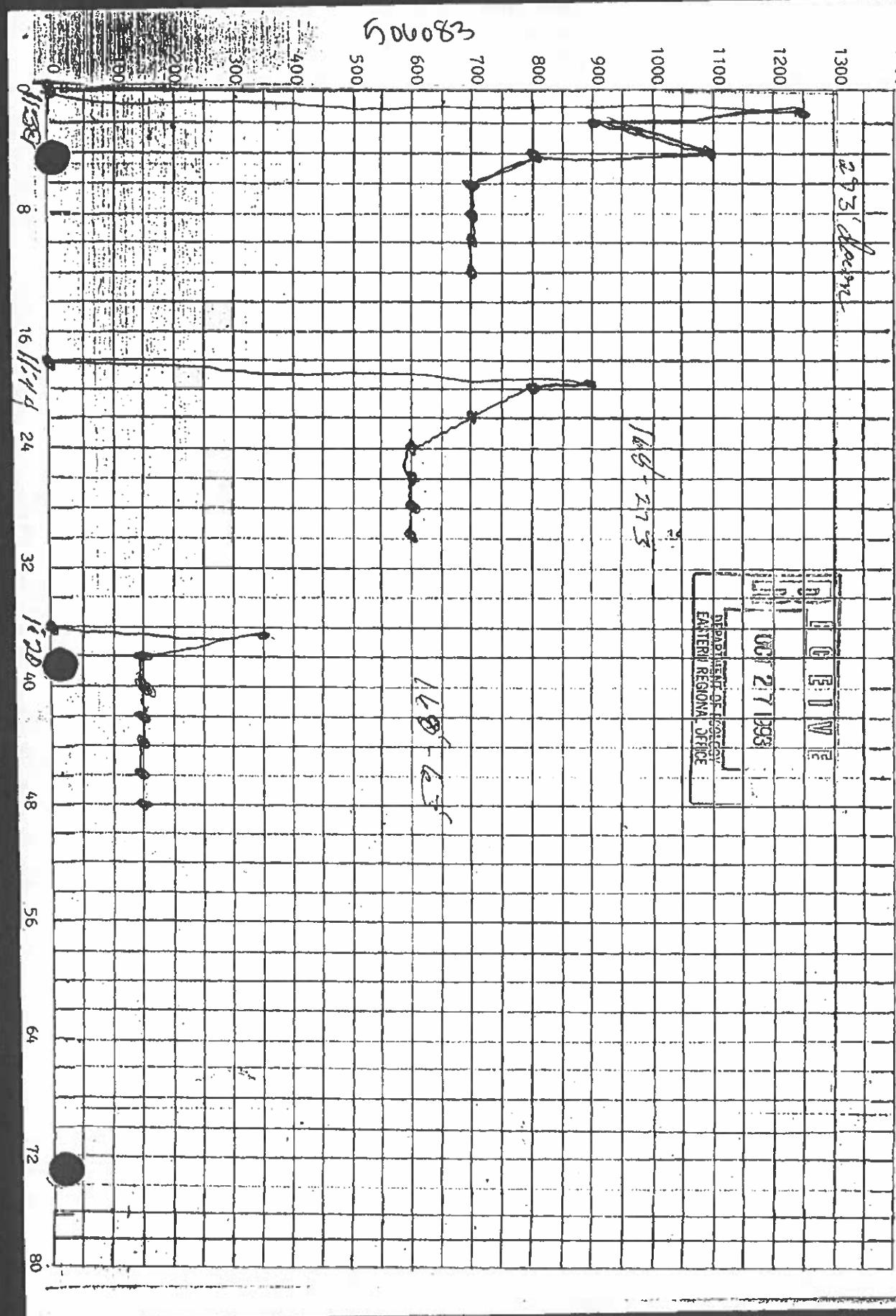
Date 9/10/93

WATER
PRESSURE
SI

NORTHWEST HYDROFRACTURING

Dept. of Ecology # _____

168-273
JULY 27 1993
U.S. DEPARTMENT OF ENERGY
EASTERN REGIONAL OFFICE



WELL LOG.—Continued

A. 10954
No. 36, 37-26

No. 2675