

Per Skagit County code 14.24.330 and discussions with Ron Palmer (Skagit County Health Department), drinking water wells were reviewed within an approximately 1,000-foot radius of the Shell PSR Crude by Rail East Gate Project. A total of 5 drinking water wells were found. These wells are summarized below; and approximate locations of these wells are depicted on the attached map (as A, B, or C as indicated below). Well logs are also included after the attached map.

“A”

NORTHWEST PETROCHEMICAL CORP.

Public Land Survey: NE, SE, S-33, T-35-N, R-02-E, Tax Parcel Number: (blank)

County: SKAGIT, Well Address: (blank)

Well Log ID: 82597, Well Tag ID:(blank), Notice of Intent Number: (blank)

Well Diameter: 6, Well Depth: 290

Well Type: Water, Well Completion Date: 03-06-1984, Well Log Received Date: (blank)

“B”

SKAGIT CO PUD #1

Public Land Survey: SW, NE, S-03, T-34-N, R-02-E, Tax Parcel Number: (blank)

County: SKAGIT, Well Address: (blank)

Well Log ID: 351384, Well Tag ID:(blank), Notice of Intent Number: (blank)

Well Diameter: 8, Well Depth: 18

Well Type: Water, Well Completion Date: 02-27-1961, Well Log Received Date: (blank)

“C”

1. LONE STAR PROPERTIES, INC.

Public Land Survey: (blank), (blank), S-03, T-34-N, R-02-E, Tax Parcel Number: (blank)

County: SKAGIT, Well Address: (blank)

Well Log ID: 81332, Well Tag ID:(blank), Notice of Intent Number: (blank)

Well Diameter: 48, Well Depth: 32

Well Type: Water, Well Completion Date: 09-22-1987, Well Log Received Date: 10-08-1987

2. LONE STAR PROPERTIES, INC.

Public Land Survey: (blank), (blank), S-03, T-34-N, R-02-E, Tax Parcel Number: (blank)

County: SKAGIT, Well Address: (blank)

Well Log ID: 81333, Well Tag ID:(blank), Notice of Intent Number: (blank)

Well Diameter: 48, Well Depth: 38

Well Type: Water, Well Completion Date: 09-22-1987, Well Log Received Date: 10-08-1987

3. LONE STAR PROPERTIES, INC.

Public Land Survey: (blank), (blank), S-03, T-34-N, R-02-E, Tax Parcel Number: (blank)

County: SKAGIT, Well Address: (blank)

Well Log ID: 81334, Well Tag ID:(blank), Notice of Intent Number: (blank)

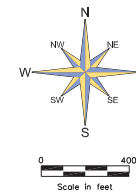
Well Diameter: 48, Well Depth: 47

Well Type: Water, Well Completion Date: 09-22-1987, Well Log Received Date: 10-08-1987

SKAGIT COUNTY

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T 35 N R 02 E



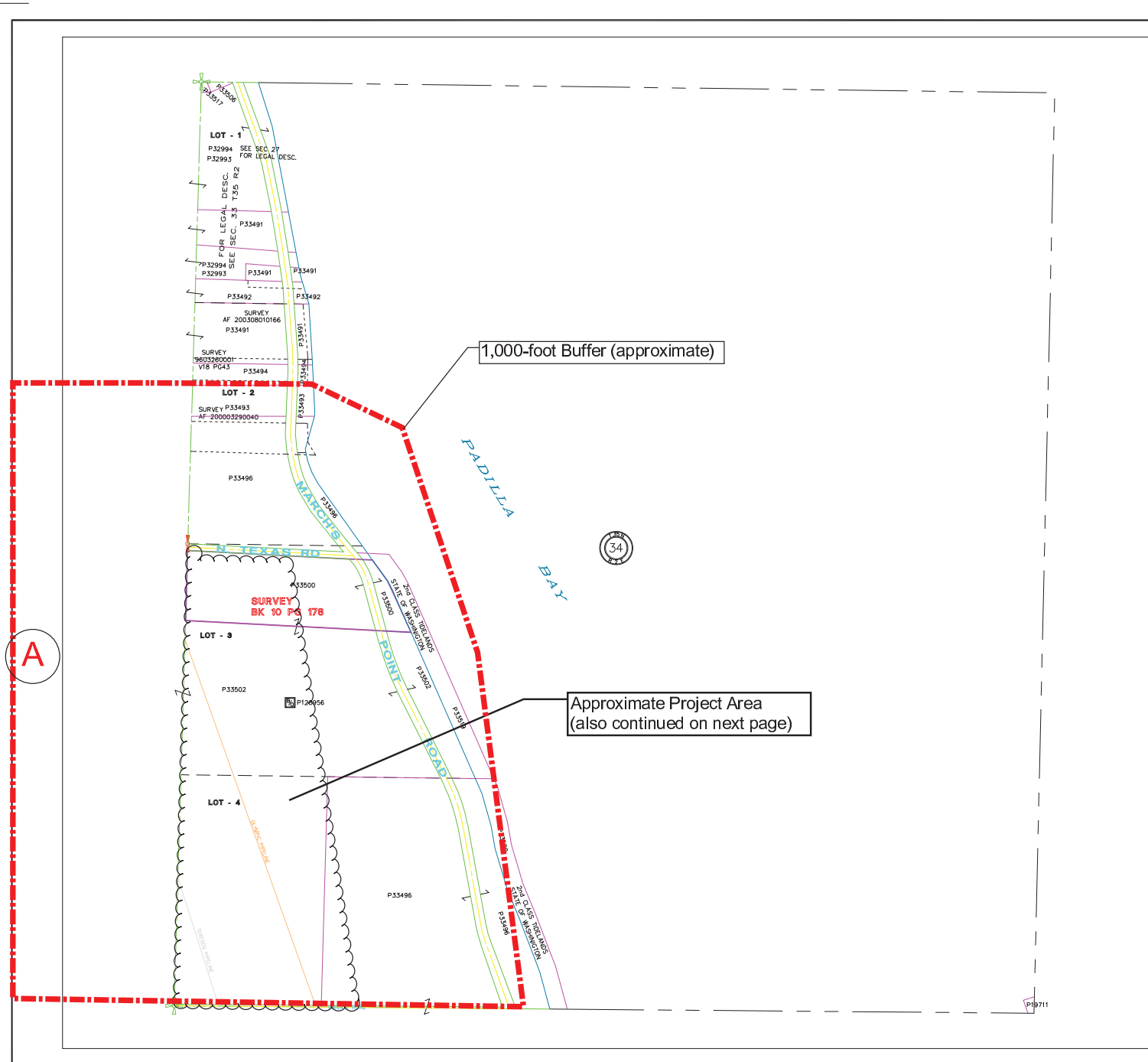
These maps were created from available public records and existing map sources, not from field surveys. Map features from all sources have been utilized to achieve a "best fit" registration to the Department Records map. While great care was taken in this process, maps from different sources rarely agree as to the precise location of geographic features. The relative positions of map features to one another results from combining different map sources without field "ground truthing".

• THIS MAP IS NOT A SUBSTITUTE FOR FIELD SURVEY •

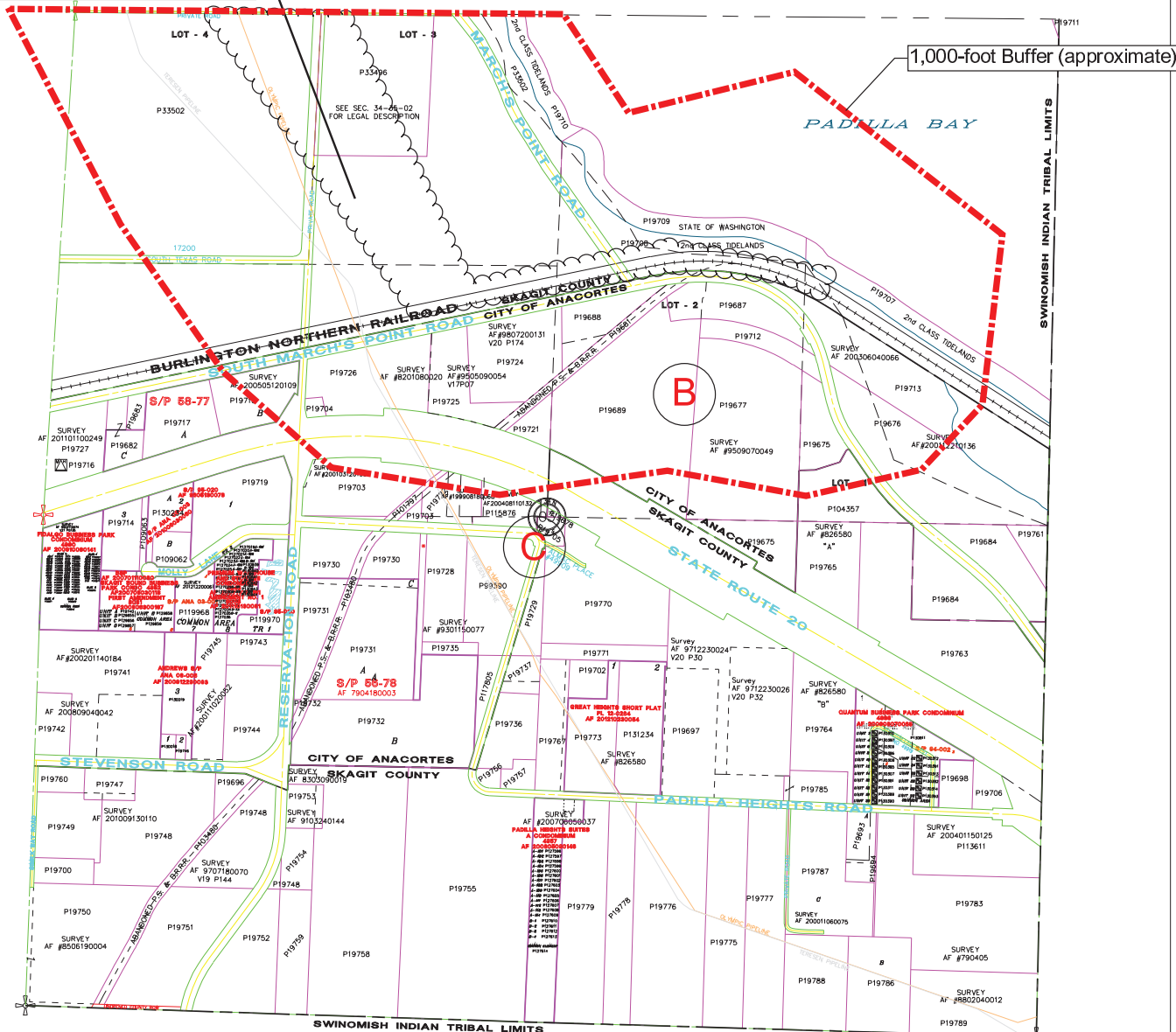
	DATE	INIT.
DRAWN BY	1/26/96	LHS
REVISED	2/5/09	DP
PLOTTED	2/5/09	DP

MAP PRODUCED BY SKAGIT COUNTY MAPPING SERVICES

Section 34
T 35 N R 02 E



Approximate Project Area
(also continued on previous page)

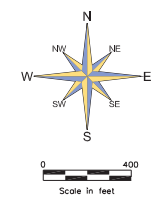


SKAGIT COUNTY

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T 34 N R 02 E

*** ATTENTION**
THIS MAP CONTAINS A PARCEL ACCOUNT THAT HAS BEEN PLACED WITH THE BEST AVAILABLE INFORMATION. THE EXACT LOCATION OF THIS PARCEL IS UNKNOWN.



These maps were created from available public records and existing map sources, not from field surveys. Map features from all sources have been digitized to produce a "best fit" registration to the Ownership Parcels map. While great care was taken in this process, maps from different sources rarely agree as to the precise location of geographic features... the relative positions of map features to one another results from combining different map sources without field "ground truthing".

* THIS MAP IS NOT A SUBSTITUTE FOR FIELD SURVEY *

	DATE	INIT.
DRAWN BY	06-05-25	JB
REVISED	12/27/21	DP
PLOTTED	12/27/21	DP

MAP PRODUCED BY SKAGIT COUNTY MAPPING SERVICES

Section 3
T 34 N R 02 E

35/2-33 H or J

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

Application No

Permit No.

The Department of Ecology does NOT Warrant the Data and/or the Information on this Well Report.

(1) OWNER: Name Northwest Petrochemical Corp. Address P.O. Box 99 Anacortes, Wa. 98221

(2) LOCATION OF WELL: County Skagit Section 33 T 35 N. R. 2E W.M.

Bearing and distance from section or subdivision corner H (SE of NE) or J (NE of SE)

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

(4) TYPE OF WORK: Owner's number of well (if more than one) 2
RECHARGE
New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted
original pump was injected

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 292 ft. Depth of completed well 290 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from 0 ft. to 270 ft.

Threaded " Diam. from ft. to ft.
Welded " Diam. from ft. to 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 Johnson Well
Type Stainless steel Model No.
Diam. 6 Slot size .015 from 270 ft. to 290 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? 18 ft.

Material used in seal Bentonite
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

(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
Ballot test: gal./min. with ft. drawdown after hrs.
Artesian flow: g.p.m. Date
Temperature of water: Was a chemical analysis made? Yes No

(10) WELL LOG:

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

MATERIAL	FROM	TO
Clay	0	3
Gray clay	3	10
Gray clay	10	50
Gray clay	50	70
Gray clay	70	95
Gray clay	95	115
Gray clay	115	141
Water & fine sands	141	170
Fine sand & water	170	210
Water & fine sand	210	243
Heaving sand, some clay	243	249
Coarse sand, some pea gravel	249	258
Fine sand	258	260
Fine sand	260	264
Fine sand medium to coarse sand	264	267
Fine to medium sand	267	277
Fine sand	277	280
Medium to coarse sand	280	282
Medium to coarse sand & some pea gravel	282	290
Fine sand	290	292

*Per John Flynn, this was to be used as injection well, but N.W. Petrochem. was told not to use it for that purpose.
1-16-85*

Work started 2-11-84 Completed 1-3-85 1984

WELL DRILLER'S STATEMENT:

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

NAME Richardson Well Drilling Co. (Person, firm, or corporation)
DEPARTMENT OF ECOLOGY
(Type or print)

Address P.O. Box 44427 Tacoma, Wa. 98444

(Signed) [Signature] (Well Driller)

License No. 0419 Date 5-29, 1984

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
AND DEVELOPMENT

WELL LOG

No. Appli. 5877

Date 6-9, 19 61

Record by well driller

Source driller's record

Location: State of WASHINGTON

County Skagit

Area

Map

Lot 2

~~XXXX~~ sec. 3 T34 N., R. 2 E. ~~XXX~~

Drilling Co. Robinson & Roberts

Address Tacoma, Washington

Method of Drilling Date Feb. 27, 19 61

Owner Skagit Co. P.U.D. #1

Address Mt. Vernon, Washington

Land surface, datum ft. ^{above} / _{below}

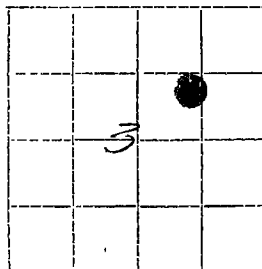


Diagram of Section

CORRE- LATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
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(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses. If material water-bearing, so state and record static level if reported. Give depths in feet below land-surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all casings, perforations, screens, etc.)

	Sand	4	4
	Hardpan (till)	2	6
	Coarse gravel & sand	12 1/2	18 1/2
	Clay	1/2	19
	PUMP TEST:		
	Dim. 18 1/2" x 8"		
	SWL: 1.47 ft.		
	DD ₂ 8.4 ft.		
	Yield: 75 g.p.m.		
	Water Temp: 48°		
	CASING:		
	8" diam. std. drive from 0 to 13 ft.		
	PERFORATIONS:		
	Lead packer on 8" to 6" bell reducer		
	40 slot 6" nominal screen from 15		
	to 18 1/2 ft.		

Turn up

Sheet of sheets

34 / 26-30
File number

: of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

The Department of Ecology does NOT Warrant the Data and/or the Information on this Well Report.

34/02-03

WATER WELL REPORT

STATE OF WASHINGTON

Application No.

Permit No.

(1) OWNER: Name Lone Star Properties, Inc Address 8204 Elmbrook Dr., Suite 140 Dallas, TX

(2) LOCATION OF WELL: County Skagit Sec. 3 T. 34 N. R. 2 W.M.
Bearing and distance from section or subdivision corner See attached drawing

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

(4) TYPE OF WORK: Owner's number of well (if more than one) sec 6-9 N/A
See notes N/A Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 48 inches.
Drilled N/A ft. Depth of completed well 38 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: " Diam. from ft. to ft.
Threaded " Diam. from ft. to ft.
Welded " Diam. from ft. to 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 _____ Model No. _____
Type _____ 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 _____ 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)

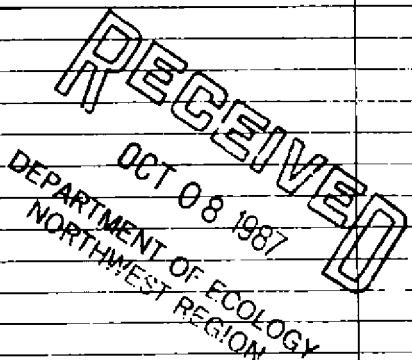
Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____
Baller test _____ gal/min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes No

(10) WELL LOG:

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

MATERIAL	FROM	TO
Well #2		
Fill in of existing hand dug well.		
Filled with chlorinated sand and topped with 6ft. of 1000 P.S.I. concrete.		



Work started 12/15 1986 Completed 9/22 1987

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Excavating Northwest, Inc. (Person, firm, or corporation) (Type or print)

Address 1783 Anderson Rd. Mount Vernon, WA 98273

[Signed] Alex Homan (Well Driller)

License No. EXCAVNI63LA Date Sept. 30 1987

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WATER WELL REPORT
 STATE OF WASHINGTON

34/02-03
 Application No.

Permit No.

(1) **OWNER:** Name Lone Star Properties, Inc. Address 8204 Elmbrook Dr., Suite 140 Dallas, TX

(2) **LOCATION OF WELL:** County Skagit Sec. 3 T. 34 N. R. 2 W.M.

Bearing and distance from section or subdivision corner See attached drawing

(3) **PROPOSED USE:** Domestic Industrial Municipal
 Irrigation Test Well Other
 N/A

(4) **TYPE OF WORK:** (Owner's number of well (if more than one).....)
 See notes New well Method: Dug Bored
 Deepened Cable Driven
 Sec 6-9 N/A Reconditioned Rotary Jetted

(5) **DIMENSIONS:** Diameter of well 48 inches.
 Drilled Depth of completed well 47 ft.

(6) **CONSTRUCTION DETAILS:**
Casing installed: " Diam. from ft. to ft.
 Threaded " Diam. from ft. to ft.
 Welded " Diam. from ft. to 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..... Model No.....
 Type.....
 Diam. Slot size from ft. to ft.
 Diam. Slot size from ft. to ft.

Gravel packed: Yes No Size of gravel:..... ft.
 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..... H.P.
 Type:

(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.....
 Bailer test gal/min. with ft. drawdown after..... hrs.
 Artesian flow..... g.p.m. Date.....
 Temperature of water..... Was a chemical analysis made? Yes No

(10) WELL LOG:

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

MATERIAL	FROM	TO
Well #1		
Fill in of existing hand dug well.		
Filled with Chlorinated sand and topped with 6ft. of 1000 P.S.I. concrete.		

Work started 12/15 1986 Completed 9/22 1987

WELL DRILLER'S STATEMENT:

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

NAME Excavating Northwest, Inc. (Person, firm, or corporation) (Type or print)

Address 1783 Anderson Rd. Mount Vernon, WA 98273

[Signed] Miss Haeman (Well Driller)

License No. EXCAVNI1163LA Date Sept. 30, 1987

(USE ADDITIONAL SHEETS IF NECESSARY)

