

FORM No. 485 AWP

Original--District Office Copy

RW  
FOR USE OF DISTRICT OFFICE ONLY

## High Plains Underground Water Conservation District No. 1

# Application for Water Well Permit

INSTRUCTIONS: Fill out in quadruplet. Submit all copies to County Committee for recommendation. (PLEASE TYPE OR PRINT)

Field Well No.	5162
Time of Filing	2:50 P.M.
Date Application Filed	4-3-75
Expiration Date	8-3-75
Date Recommended By County Committee	5-5-75
Size of Pump	6
Maximum Yield	560 GPM

I, John A. & Raymond Smith Route #4, Hereford, Texas 79045  
NAME OF LANDOWNER LANDOWNER'S ADDRESS

hereby make application to HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1 for a permit to drill the hereinafter described water well at the location indicated:

County Deaf Smith

Proposed Use (Municipal-Industrial-Irrigation)  
MARK OUT ONES THAT DO NOT APPLY

NW¼, ~~XXXXXX~~ of Section 89 Block K-4  
MARK OUT ONES THAT DO NOT APPLY

Drilling to start about soon, 19  

Survey                          Abstract                         

This well will be located { 17 miles N ~~XXXX~~ and  
MARK OUT ONE THAT DOES NOT APPLY  
1 miles ~~XXXX~~ W of the

Township                          Range                         

Labor                          League                         

town of Hereford

**MARK DOT** INSIDE CIRCLE ⊙ within **Red Square** for proposed well location. (Red square indicates 1 quarter section or 1 labor)

**MARK X,** showing 3 closest wells or authorized well sites within ¼ mile.

Location of proposed Well as submitted by applicant is 543 measured yards from (N ~~XX~~ and 19 measured yards from ~~XX~~ W)                          quarter section line, or labor line.  
MARK OUT ONE THAT DOES NOT APPLY

Number three adjacent wells, or authorized well sites within ¼ mile on the plat as 1, 2, and 3, to correspond with the following:

No. 1 50 measured yards from proposed well site.

Owned by applicant #5110 --

Address to be abandoned

No. 2 390 measured yards from proposed well site.

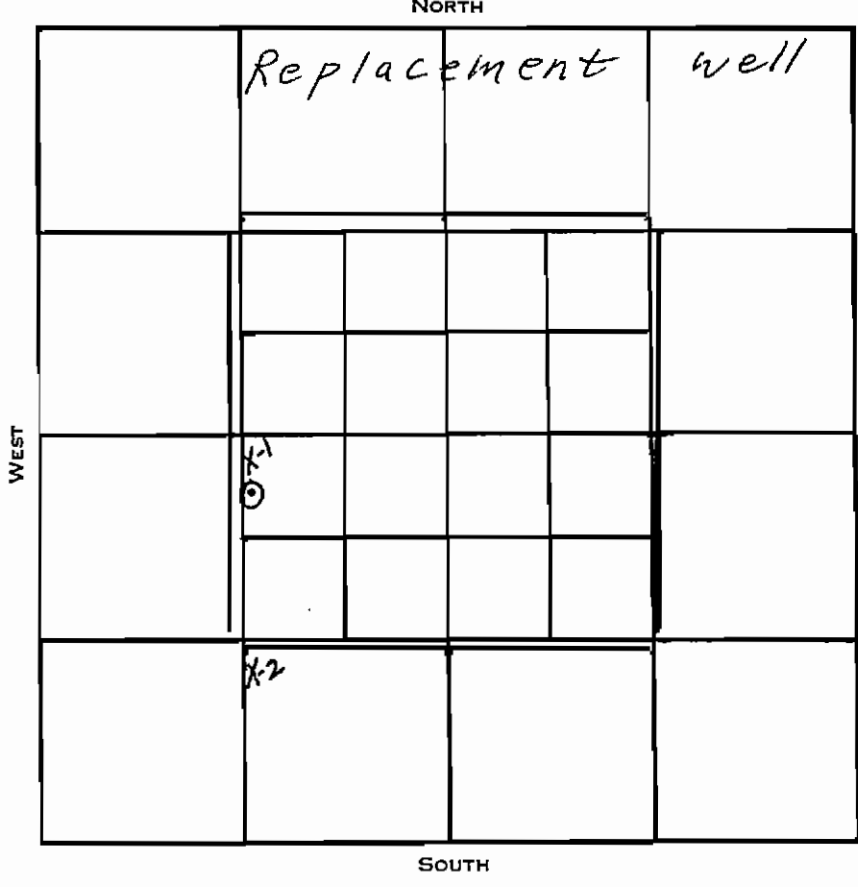
Owned by applicant #1365

Address   

No. 3                          measured yards from proposed well site.

Owned by   

Address RECEIVED MAY 14 1975



- 1 1/10 ins. . . . . 440 yds. . . . . Minimum for 10-in. well . . . . . yield—more than 1000 G.P.M.
- 1 in. . . . . 400 yds. . . . . Minimum for 8-in. well . . . . . yield—560 to 1000 G.P.M.
- 3/4 in. . . . . 300 yds. . . . . Minimum for 6-in. well . . . . . yield—390 to 560 G.P.M.
- 5/8 in. . . . . 250 yds. . . . . Minimum for 5-in. well . . . . . yield—265 to 390 G.P.M.
- 1/2 in. . . . . 200 yds. . . . . Minimum for 3 or 4-in. well . . . . . yield—70 to 265 G.P.M.

I agree that this well will be drilled within ten (10) yards of the location specified and not closer to an existing well or authorized well site than the minimum spacing requirements, and that I will furnish my County Committee the completed well registration and log immediately upon completion of this well and prior to the production of water.

Bob Pope Bob Pope Agent Box 827, Hereford, Texas 79045  
(SIGNATURE LANDOWNER OR AGENT) TITLE ADDRESS

This permit recommended by County Committee, subject to the rules for spacing from existing wells and/or authorized well site.

1. W. L. Davis Jr. 2. Bill Chasney 3. Harold Solomon

Pinned on County Map   
  Deposit Received   
  Refunded   
 Check No.

**Original--District Office Copy**

High Plains Underground Water Conservation District No. 1

**REGISTRATION and LOG of WELL**

INSTRUCTIONS: Fill out in quadruplet. Submit all copies to County Committee for recommendation. (PLEASE TYPE OR PRINT)

FOR USE OF COMMITTEEMEN	
Field Well No.	5162
Date Received	5-28-75
Permit Size of Pump	Maximum 6 in Yield 560 GPM

- Land Owner John A. & Raymond Smith Address Route #4, Hereford, Texas 79045
- Well located 17 miles N, \_\_\_\_\_ miles S, \_\_\_\_\_ miles E, 1 miles W of the town of Hereford
- County Deaf Smith Labor \_\_\_\_\_ League \_\_\_\_\_ Abstract No. \_\_\_\_\_
- NW¼ ~~XXXXXX~~ Section 89 Block K-4 Survey \_\_\_\_\_

MARK OUT THOSE THAT DO NOT APPLY

**DRILLER'S LOG OF WELL**

Method of Drilling: Rotary  Spudder \_\_\_\_\_ Diameter of Well: 24 inches.

MARK OUT ONE THAT DOES NOT APPLY

FROM (FEET)	TO (FEET)	DESCRIPTION OF FORMATION MATERIAL	FROM (FEET)	TO (FEET)	DESCRIPTION OF FORMATION MATERIAL
0	4	Top Soil	330	349	Streaks of Sand & Clay
4	20	Caliche	349	352	Blue Clay - Some Sand
20	60	Sandy Clay	352	357	Ref Bed (TD)
60	120	Sand & Stone			
120	180	Sand			
180	245	Sand - Some Stone			
245	246	Rock			
246	290	Sand			
290	320	Sand - Some Stone			
320	330	Clay			

RECEIVED MAY 29 1975

REMARKS:

NEW GRAVEL PACK WELL - REPLACEMENT

I hereby certify that this well was drilled by me (or under my supervision), and that each and all of the statements herein are true to the best of my knowledge and belief.

Driller Big T Pump Company, Inc. Address Hereford, Texas Date Drilled March 31, 19 75

**DESCRIPTION OF WELL AND PRODUCTION EQUIPMENT**

(This Does Not Mean Testing or Development Pump)

- Casing: (new) used, gas line, or shop made. Diameter 16" in. Total casing length 357' ft.
- Casing perforations: from 237' ft. to 357' ft. Size 1/8" Mill, Number of rows 42 Row
- Pump Column: Size 6 in. Column, shaft length 330' ft. Suction pipe size - in. Suction pipe length - ft.
- Pump bowls: Size 12"EMC Number of stages (4) Pump discharge pipe: Size 6" in.
- Depth to water level 226' ft. Pump yield 560 GPM. Pumping level: 286' ft.
- Power Unit: Electrical, (Natural Gas) Butane, Other \_\_\_\_\_ Horsepower 80HP

Signature BIG T PUMP COMPANY, INC., P.O. BOX 827, HEREFORD, TEXAS 79045

LANDOWNER OR AGENT

TITLE

ADDRESS