

Original District Office Copy FOR USE OF DISTRICT OFFICE ONLY

High Plains Underground Water Conservation District No. 1

Application for Water Well Permit

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

Field Well No.	5358
Time of Filing	9:25 AM
Date Application Filed	2-24-76
Expiration Date	6-24-76
Date Recommended By County Committee	2-27-76
Size of Pump	8
Maximum Yield	1000 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

~~NEW~~ Section 89 Block K-4
MARK OUT ONES THAT DO NOT APPLY

Drilling to start about soon, 1976

Survey Abstract

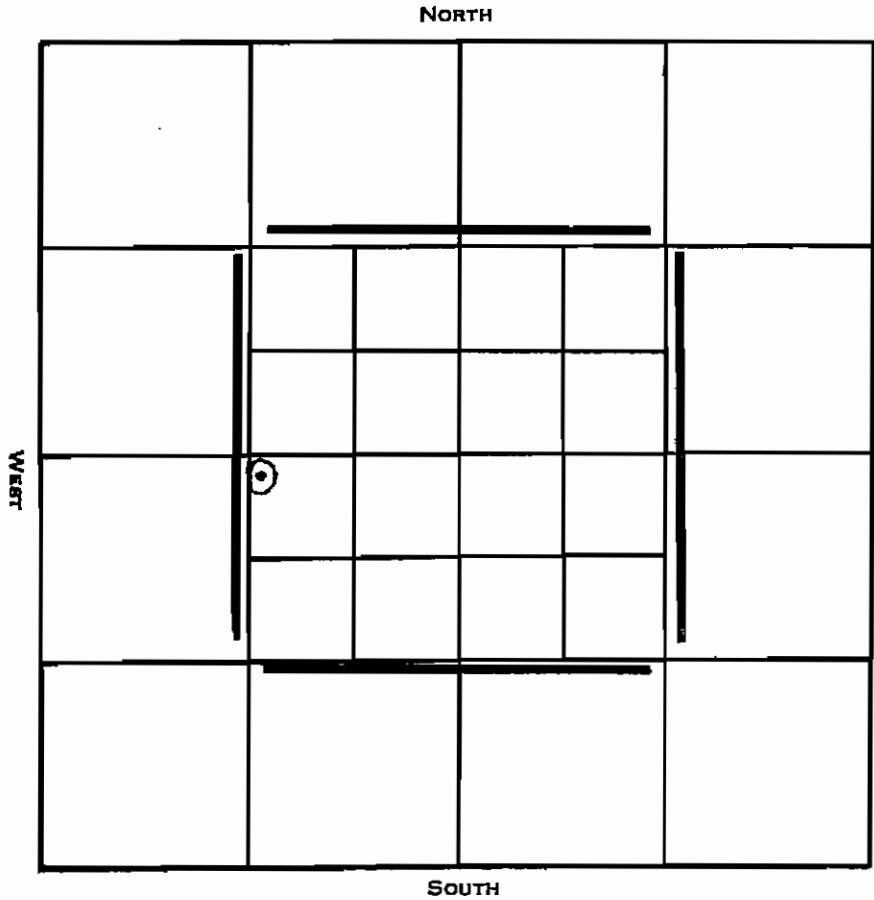
This well will be located { 17 miles N ~~XXXX~~ and 1 miles ~~W~~ W of the MARK OUT ONE THAT DOES NOT APPLY

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 well or authorized well sites within 1/4 mile.



Location of proposed Well as submitted by applicant is 489 measured yards from (N ~~XXXX~~) and 15 measured yards from ~~XXXX~~ W MARK OUT ONE THAT DOES NOT APPLY quarter section line, or labor line.

Number three adjacent wells, or authorized well sites within 1/4 mile on the plat as 1, 2, and 3, to correspond with the following:

- No. 1 _____ measured yards from proposed well site.
Owned by _____
Address _____
- No. 2 _____ measured yards from proposed well site.
Owned by _____
Address _____
- No. 3 _____ measured yards from proposed well site.
Owned by _____
Address RECEIVED MAR 3 1976

COMMENT

No wells within 440 yds.

- 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.

John A. Smith
 This notice given by: John A. Smith Partner Route #4, Hereford, Texas
(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. James E. Higgins Pinned on County Map
- 2. Barbara S. Sorrow Deposit Received
- 3. Bill C. Cline 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.	5358
Date Received	5-19-76
Permit Size of Pump	Maximum 8 in Yield 1000GPM

- 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. _____
- ~~NE 1/4~~ ~~NE 1/4~~ ~~SE 1/4~~ ~~SE 1/4~~ Section 89 Block K-4 Survey _____
MARK OUT THOSE THAT DO NOT APPLY

DRILLER'S LOG OF WELL

Method of Drilling: Rotary X 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			
4	12	Caliche			
12	90	Clay & Stone			
90	160	Sandstone - Clay & Shale			
160	230	Sand & Stone			
230	260	Fine Sand			
260	290	Medium Sand			
290	310	Coarse Sand			
310	322	White Sand			
322	327	Red Clay (TD)			

RECEIVED MAY 21 1976

REMARKS:

NEW GRAVEL PACK WELL

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 3, 19 76

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 327' ft.
- Casing perforations: from 221' ft. to 327' ft. Size 1/8" M. Number of rows 144 Slots Per Ft.
- Pump Column: Size 8" in. Column, shaft length 310' ft. Suction pipe size - in. Suction pipe length - ft.
- Pump bowls: Size 12"EMC. Number of stages (4). Pump discharge pipe: Size 8" in.
- Depth to water level 221' ft. Pump yield 700 GPM. Pumping level: 305' 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