

District File No. \_\_\_\_\_  
FOR USE OF DISTRICT OFFICE ONLY

Original—District Office Copy

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.                       | 2039      |
| Date Application Filed               | 2-19-59   |
| Time of Filing                       | 4:30 P.M. |
| Date Recommended By County Committee | 2-21-59   |
| Size of Pump                         | 8         |
| Maximum Yield                        | 1000 GPM  |

Smith-Turner+Smith Rt. 4-Hereford, Texas  
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:

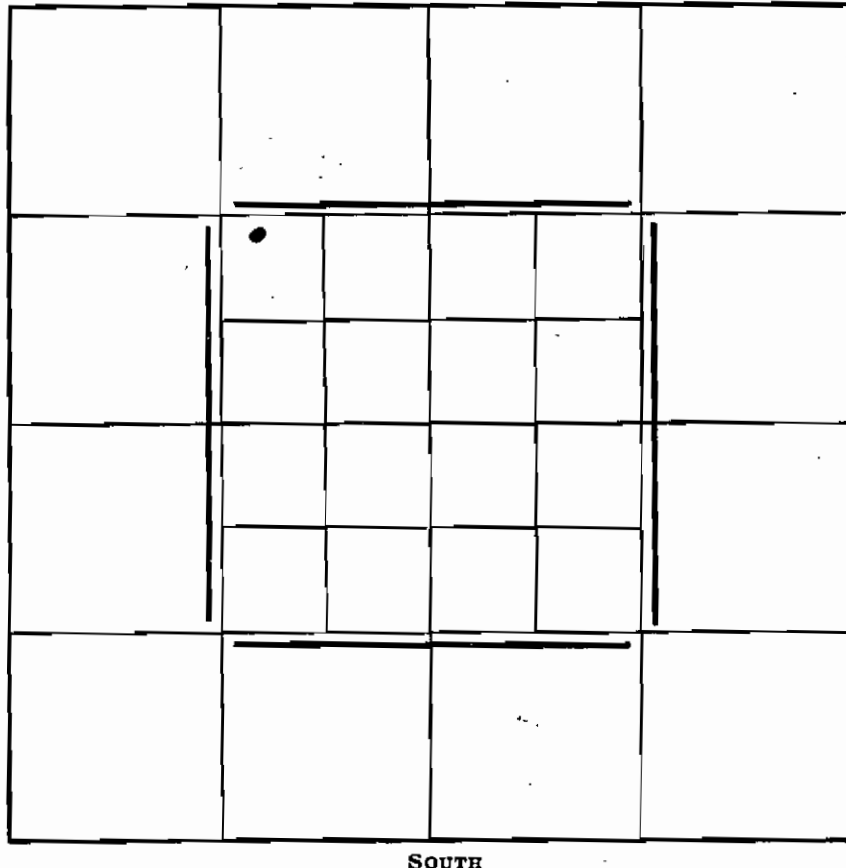
- County Deaf Smith
- NW 1/4  NE 1/4  SW 1/4  SE 1/4 of Section 88 Block K-4  
MARK OUT ONES THAT DO NOT APPLY
- Labor \_\_\_\_\_ League \_\_\_\_\_
- Proposed Use (Municipal-Industrial-Irrigation) Irrigation  
MARK OUT ONES THAT DO NOT APPLY
- Drilling to start about SOON, 19\_\_

This well will be located: 17 miles  N or S and 2 miles E or  W of the

town of Hereford, Texas

Permit good for 4 months only from date of filing.

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, and/or authorized well site.  
NORTH



### SCALE FOR ABOVE PLAT

|               |           |                              |
|---------------|-----------|------------------------------|
| 1 1/10 inches | 440 yards | Minimum for 10-inch well     |
| 1 inch        | 400 yards | Minimum for 8-inch well      |
| 3/4 inch      | 300 yards | Minimum for 6-inch well      |
| 5/8 inch      | 250 yards | Minimum for 5-inch well      |
| 1/2 inch      | 200 yards | Minimum for 3 or 4-inch well |

Please Make Sure Your Measurements Are Correct—  
(They will be checked for accuracy)

Location of proposed Well as submitted by applicant is 154 yards measured yards from  N  S and 18 yards measured yards from  E  W property line, quarter section line, or labor line.

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

- Well 1 \_\_\_\_\_ measured yards from proposed well site.  
Owned by \_\_\_\_\_  
Address \_\_\_\_\_
- Well 2 \_\_\_\_\_ measured yards from proposed well site.  
Owned by \_\_\_\_\_  
Address \_\_\_\_\_
- Well 3 24 1050 measured yards from proposed well site.  
Owned by \_\_\_\_\_  
Address \_\_\_\_\_

COMMENTS: There is no other well within 1/2 mile of the proposed well site.

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.

This notice given by: Johna Saint Pantner Rt. 4-Hereford, Tex  
SIGNATURE (LANDOWNER OR AGENT) TITLE ADDRESS

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

1 Charles W. Jones 2 Raymond A. Higginbotham 3 Earl Holtz  
Check here  when well is located on the County map.  Deposit Received. 10.

*[Handwritten signature]*

Original—District Office Copy

District File No. \_\_\_\_\_

FOR USE OF DISTRICT OFFICE ONLY

High Plains Underground Water Conservation District No. 1  
**REGISTRATION and LOG OF WELL**

INSTRUCTIONS: Fill out in quadruplicate. Submit all copies to County Committeeman for registration. (Please type or print.)

| FOR USE OF COMMITTEEMEN |                                  |
|-------------------------|----------------------------------|
| Field Well No.          | <u>2039</u>                      |
| Date Received           | <u>5-8-59</u>                    |
| Permit Size of Pump     | Maximum In Yield <u>1000</u> GPM |

- Land Owner Smith-Turner-Smith Address Route #4 Hereford, Texas
- Well located 18 miles N, \_\_\_\_\_ miles S, \_\_\_\_\_ miles E, 0.2 miles W of the town of Hereford, Tex.
- County Deaf Smith Labor \_\_\_\_\_ League \_\_\_\_\_ Abstract No. \_\_\_\_\_
- NW<sup>1</sup>/<sub>4</sub>  NE<sup>1</sup>/<sub>4</sub>  SW<sup>1</sup>/<sub>4</sub>  SE<sup>1</sup>/<sub>4</sub> Section 88 Block K-4 Survey \_\_\_\_\_  
MARK OUT THOSE THAT DO NOT APPLY
- ACTUAL LOCATION OF THIS WELL IS   
MARK OUT THOSE THAT DO NOT APPLY

**DRILLER'S LOG OF WELL**

Method of Drilling: Rotary Diameter of Well: 30 inches.

| FROM (FEET) | TO (FEET) | DESCRIPTION OF FORMATION MATERIAL   | FROM (FEET) | TO (FEET) | DESCRIPTION OF FORMATION MATERIAL |
|-------------|-----------|-------------------------------------|-------------|-----------|-----------------------------------|
| 0           | 5         | Top Soil                            |             |           |                                   |
| 5           | 15        | Caliche                             |             |           |                                   |
| 15          | 90        | Clay                                |             |           |                                   |
| 90          | 175       | Clay streaks - Sand rock - Dry Sand |             |           |                                   |
| 175         | 205       | Coarse Sand Clay streaks            |             |           |                                   |
| 205         | 265       | Sand Fine - Fairly Coarse layers    |             |           |                                   |
| 265         | 295       | Coarse Sand                         |             |           |                                   |
| 295         | 334       | Coarse White Sand                   |             |           |                                   |
| 334         |           | T.D. Red Bed                        |             |           |                                   |

**RECEIVED**  
 LUSBOCK, TEXAS  
 MAY 11 1959  
 HI-PLAINS UNDERGROUND  
 WATER CONS. DIST. No. 1

REMARKS: Use App 80 yds 1/2" x 10% Fines Gravel  
Bail Well App 22 Hrs.

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 Chas. S. Short Address Box 181 Friona, Tex. Date Drilled Mar. 28 1959

**DESCRIPTION OF WELL**

- Casing: new used, gas line, or shop made. Diameter 16 in. Total length 334 ft.
- Casing perforations: from 173 ft to 334 ft. Size 3/16. Number per foot 16.
- Pump Column: Size 8 in. Total length 260 ft. Suction pipe: Size 8 in. Length 5 ft.
- Pump bowls: Size 12. Number of stages 4. Pump discharge pipe: Size 8 in.
- Depth to water level 178 ft. Pump yield App 900 GPM. Pumping level: 230 ft.
- Power Unit: Electrical, Natural Gas, Butane, Other \_\_\_\_\_ Horsepower \_\_\_\_\_

Signature John A. Smith Owners R. #4 Hereford, Tex.  
LANDOWNER OR AGENT TITLE ADDRESS

Final Completion of Well — Date Mar. 3<sup>rd</sup>, 1959.