

PMA    Mailed    Wells Completed    GPS Correction   Deposit:    Forfeited    Refunded  
 Plotted    Mastersheet    Ogallala    Dockum   Check # \_\_\_\_\_

County	<u>Deaf Smith</u>
GIS Permit No.	<u>21</u>
Time Filed	<u>10:30</u>
Date Filed	<u>6-17-2011</u>
Expiration Date	<u>2-17-2012</u>
Max Allowed Production	<u>7500</u> GPM

**ORIGINAL - DISTRICT OFFICE**

**High Plains Underground Water Conservation District No. 1  
Application For Water Well Permit**

Eric Black  
NAME OF LANDOWNER

5642 US HWY 385 Vega, TX 79092  
LANDOWNERS ADDRESS/PHONE NUMBER

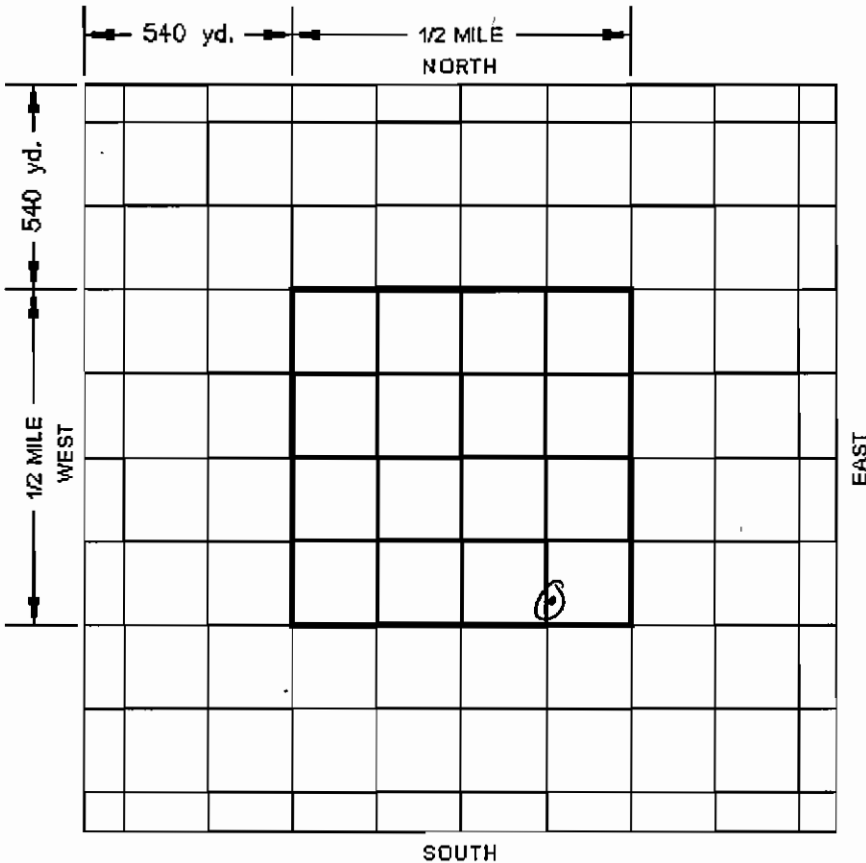
hereby make an application to HIGH PLAINS UNDERGROUND WATER CONSERVATION DISTRICT NO. 1 for a permit to drill a water well at the site described below:

County Deaf Smith  
 NW ¼      NE ¼      SW ¼      SE ¼  
 Block K-4      Section 89  
 Survey \_\_\_\_\_ Abstract No. \_\_\_\_\_  
 Township \_\_\_\_\_ Range \_\_\_\_\_  
 Labor \_\_\_\_\_ League \_\_\_\_\_  
 Other \_\_\_\_\_

**CIRCLE TYPE OF WELL TO BE DRILLED**  
Municipal - Industrial - Irrigation - Domestic

Other: \_\_\_\_\_  
 Drilling will start on or about Monday  
 Tract located 15 N, \_\_\_\_\_ S, \_\_\_\_\_ E, \_\_\_\_\_ W  
 miles, of the town of Hereford

**DISTRICT USE ONLY**



Well Site GPS:  
 Lat: 35.07214  
 Long: -102.42179  
89 yards N or S of accepted property line, which is Turn Row  
 Lat/Long: 35.07140 -102.42179  
219 yards E or W of accepted property line, which is Fence Line  
 Lat/Long: 35.07214 -102.41959

Distance in yards to wells within 540 yards (maximum of 3) of proposed well site. Number to correspond with grid.

X-1 \_\_\_\_\_ measured yards from proposed well site.  
 Permit No. \_\_\_\_\_  
 Lat/Long: \_\_\_\_\_

X-2 \_\_\_\_\_ measured yards from proposed well site.  
 Permit No. \_\_\_\_\_  
 Lat/Long: \_\_\_\_\_

X-3 \_\_\_\_\_ measured yards from proposed well site.  
 Permit No. \_\_\_\_\_  
 Lat/Long: \_\_\_\_\_

COMMENT / EXPLANATION  
NO VALID DOCKUM WELLS WITHIN 1160 YDS  
BOWS BOTH SIDES OF SOUTH TURN ROW.

I agree to be solely responsible for the drilling of this well at the Well Site GPS location as stated on this application. I further agree to be solely responsible for informing the well driller of this Well Site GPS location and in making certain that the well is drilled within a ten (10) yard radius of the Well Site GPS location. I agree to abide by all minimum spacing requirements of the High Plains Underground Water Conservation District No. 1 should it become necessary to drill the proposed well site in another location other than the exact Well Site GPS location but within the ten (10) yard radius noted above.

I will furnish the district the complete well registration and log immediately upon completion of this well and prior to the production of water from site identified.

I further agree not to allow irrigation tailwater to escape from land on which this well is used for irrigation nor to convey water from this well in an open, unlined ditch, nor to "waste" the ground water from this well as defined by Section 36.001 of the Texas Water Code. I understand that if I violate any of this agreement, the Board of Directors of the District may order that I may no longer use the well for any purpose until the problem is permanently resolved.

If the General Manager/Designee shall recommend the granting of the application and if there be no contest thereon or conflicting application, the applicant may thereupon proceed at his own risk to drill such well. Should the applicant proceed to drill such well prior to the application having been officially granted by the Board, applicant assumes sole responsibility for potentially losing the well site, all expenses associated with the drilling and equipping of said well, potential expenses of the District associated with any legal proceeding related to said well, and any other risks of any type which might be associated with said well. The application shall not, however, be officially granted until the same shall have been passed upon and granted by the Board of Directors of the High Plains Underground Water Conservation District No. 1.

I have reviewed the information contained within this application, including the Well Site GPS location, and agree to be bound by all terms and conditions of this application and of the rules and regulations of the High Plains Underground Water Conservation District No. 1 and all applicable laws of the State of Texas, as may be amended from time to time.

TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL ABOVE INFORMATION IS TRUE AND ACCURATE.

I, Eric Black (Same As Above) (806) 335-6757  
 SIGNATURE OF APPLICANT      PRINTED NAME      ADDRESS      TELEPHONE

RULE BOOK RECEIVED \_\_\_\_\_ owner/agent initials    I do  or do not  receive the Cross Section

Recommended for approval to the Board of Directors of High Plains Underground Water Conservation District No. 1 by the  
 General Manager/Designee: Jim Conkurst      Date recommended for approval: 6-20-11  
 DATE BOARD APPROVED: \_\_\_\_\_      Date Log Mailed: \_\_\_\_\_ By: \_\_\_\_\_      REV 7/2007

ORIGINAL - DISTRICT OFFICE

Dockum

County Deaf Smith  
 Permit No. 21  
 Date Received 10-04-2011  
 Pump Size 7500 Maximum in Yield 7500 GPM

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)

Land Owner Eric Black Address 51042 US Hwy 385 Vega TX 79092  
 Well located 15 miles N, \_\_\_ miles S, \_\_\_ miles E, \_\_\_ miles W of the town of Hereford  
 County Deaf Smith Labor \_\_\_ League \_\_\_ Abstract No. \_\_\_  
 NW 1/4 NE 1/4 SW 1/4 SE 1/4 Section 89 Block K-4 Survey \_\_\_  
 Township \_\_\_ Range \_\_\_

Reverse Circulation

**DRILLER'S LOG OF WELL**

Method of Drilling: Rotary, Reverse Rotary, Air, Spudder, Other, Diameter of Well: 24 inches.

FROM (FEET)	TO (FEET)	DESCRIPTION OF FORMATION MATERIAL	FROM (FEET)	TO (FEET)	DESCRIPTION OF FORMATION MATERIAL
0	23	Surface top soil brown clay	—	—	Penetrable sand strips
23	52	caliche w/ rock strips	600	700	fine to med sand w/ clay mat + shale
52	200	sand w/ minor clay strips	—	—	strips
200	300	fine fairly loose sand w/ some clay	700	710	fine little tight sand w/ clay mat
—	—	med - sand clay strip	—	—	shale strips
300	320	fine fairly loose sand to red	710	800	fine little tight sand w/ clay mat
—	—	sandy clay + clay	800	840	med to coarse tight sand w/ gravel
320	600	red brown + grey clay w/ few	—	—	med + clay
—	—	shale strips	840	860	coarse tight sand w/ gravel
600	640	red clay + shale w/ grey shale	—	—	to red clay

Gravel packed: Yes \_\_\_ No \_\_\_ Gravel Size \_\_\_ Quantity in yards \_\_\_

Cementing record: filled with cement between casing and wall of well from 380 feet to surface, including pump base.

Casing: Steel X, Plastic \_\_\_, Other \_\_\_ Diameter \_\_\_ in. Total casing length including screen or perforated casing \_\_\_ ft.

Manufactured well screen from \_\_\_ ft. to \_\_\_ ft. Size \_\_\_ Number of rows \_\_\_

Casing perforated from 660 ft. to 860 ft. Size 3/8 Number of rows 8

Latitude Of Well: N 35° 04' 313 Longitude Of Well: W 102° 25' 332

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 Michael Taylor Address Bux 784 Surrency TX 79086 Date drilled 7-17-11  
 Texas License No. 2366

**DESCRIPTION OF PERMANENTLY INSTALLED PRODUCTION EQUIPMENT**

(This Does Not Mean Testing or Development Pump)

Discharge pipe size \_\_\_ in. Pump Column: Size 8 in. Length 822 ft. Suction pipe length \_\_\_ ft.

Pump bowls: Size 11LH Number of stages 12 Pump yield 550 GPM Estimated \_\_\_ Measured X

Depth to static water level 665 Ft. Estimated \_\_\_ Measured X Pumping level: 822 ft.

Power Unit: Electrical \_\_\_ Natural Gas \_\_\_ Other \_\_\_ Horsepower \_\_\_

Type of Pump: Turbine X Submersible \_\_\_ Other \_\_\_ Well chlorinated after pump installed yes (yes/no)

I hereby certify that this well was equipped as stated above.

Pump Installer Michael Taylor Address Bux 784 Surrency TX 79086 Date 9-30-11  
 Texas License No. 66041

If this is a replacement well, I certify that the abandoned well is properly capped or filled in accordance with state law and the rules of the district. To the best of my knowledge and belief, all above information is true and accurate.

Landowner (SIGNATURE) \_\_\_ Date \_\_\_