| File | No. |
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| A the State for | XICO OFFICE OF T | HE STATE ENGINEER | THE STATE | |
|---|--|-----------------------------|-----------|--|
| | WR-07 APPLICATION FOR | PERMIT TO DRILL | | |
| Interstate Stream Commission | A WELL WITH NO WATER RIGHT | | | |
| | (check applicabl | le box): | | |
| Fc | or fees, see State Engineer website: | http://www.ose.state.nm.us/ | | |
| Purpose: | Pollution Control And/Or Recovery | Ground Source Heat Pun | η | |
| Exploratory Well (Pump test) | Construction Site/Public Works Dewatering | Other(Describe): | | |
| Monitoring Well | Mine Dewatering | | | |
| separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive. | | | | |
| Temporary Request - Requested Start Date: Requested End Date: | | | | |
| Plugging Plan of Operations Submitted? | | | | |

1. APPLICANT(S)

| Name: | | Name: | |
|--------------------|---------------------|--------------------|---------------------|
| Contact or Agent: | check here if Agent | Contact or Agent: | check here if Agent |
| Mailing Address: | | Mailing Address: | |
| City: | | City: | |
| State: | Zip Code: | State: | Zip Code: |
| Phone: | 🗌 Home 🔲 Cell | Phone: | 🗌 Home 🔲 Cell |
| Phone (Work): | | Phone (Work): | |
| E-mail (optional): | | E-mail (optional): | |

| File No.: | Trn. No.: | | Receipt No.: |
|-------------------------------|---------------|--|--------------|
| Trans Description (optional): | | | |
| Sub-Basin: | PCW/LOG Due D | | Pate: |

2. WELL(S) Describe the well(s) applicable to this application.

| Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), <u>or</u> Latitude/Longitude (Lat/Long - WGS84). | | | |
|--|---|---|---|
| District II (Roswell) and Dist | rict VII (Cimarron) c | ustomers, provide | a PLSS location in addition to above. |
| NM State Plane (NAD83) NM West Zone NM East Zone NM Central Zone | | JTM (NAD83) (Mete]Zone 12N]Zone 13N | ers) Lat/Long (WGS84) (to the nearest 1/10 th of second) |
| Well Number (if known): | X or Easting or Longitude: | Y or Northing or Latitude: | Provide if known: -Public Land Survey System (PLSS) (<i>Quarters or Halves , Section, Township, Range</i>) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional well descriptions are attached: Yes No If yes, how many | | | |
| Other description relating well to common landmarks, streets, or other: | | | |
| Well is on land owned by: | | | |
| Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? Yes No If yes, how many | | | |
| Approximate depth of well (fee | Approximate depth of well (feet): Outside diameter of well casing (inches): | | |
| Driller Name: Driller License Number: | | | Driller License Number: |

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

| FOR OSE IN | ITERNAL USE |
|------------|-------------|
|------------|-------------|

Application for Permit, Form WR-07

Trn No.:

File No.:

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

| E velonators | Pollution Control and/or Passivery | Construction | Mine De Wetering |
|---------------------|---|----------------------------------|--|
| Exploratory: | Pollution Control and/or Recovery: | Construction | Mine De-Watering: |
| Include a | ☐ Include a plan for pollution | De-Watering: | ☐ Include a plan for pollution |
| description of | control/recovery, that includes the | Include a description of the | control/recovery, that includes the following: |
| any proposed | following: | proposed dewatering | A description of the need for mine |
| pump test, if | A description of the need for the | operation, | dewatering. |
| applicable. | pollution control or recovery operation. | The estimated duration of | The estimated maximum period of time |
| | The estimated maximum period of | the operation, | for completion of the operation. |
| | time for completion of the operation. | The maximum amount of | The source(s) of the water to be diverted. |
| | The annual diversion amount. | water to be diverted, | The geohydrologic characteristics of the |
| | The annual consumptive use | A description of the need | aquifer(s). |
| | amount. | for the dewatering operation, | The maximum amount of water to be |
| | The maximum amount of water to be | and, | diverted per annum. |
| | diverted and injected for the duration of | A description of how the | The maximum amount of water to be |
| | the operation. | diverted water will be disposed | diverted for the duration of the operation. |
| | The method and place of discharge. | of. | The quality of the water. |
| Monitoring: | ☐ The method of measurement of | Ground Source Heat Pump: | The method of measurement of water |
| Include the | water produced and discharged. | Include a description of the | diverted. |
| reason for the | The source of water to be injected. | geothermal heat exchange | The recharge of water to the aquifer. |
| monitoring | The method of measurement of | project, | Description of the estimated area of |
| well, and, | water injected. | The number of boreholes | hydrologic effect of the project. |
| The | The characteristics of the aquifer. | for the completed project and | The method and place of discharge. |
| duration | The method of determining the | required depths. | An estimation of the effects on surface |
| of the planned | resulting annual consumptive use of | The time frame for | water rights and underground water rights |
| monitoring. | water and depletion from any related | constructing the geothermal | from the mine dewatering project. |
| inormoring. | stream system. | heat exchange project, and, | A description of the methods employed to |
| | Proof of any permit required from the | The duration of the project. | estimate effects on surface water rights and |
| | New Mexico Environment Department. | Preliminary surveys, design | underground water rights. |
| | \square An access agreement if the | data, and additional | Information on existing wells, rivers, |
| | applicant is not the owner of the land on | information shall be included to | springs, and wetlands within the area of |
| | which the pollution plume control or | provide all essential facts | hydrologic effect. |
| | recovery well is to be located. | relating to the request. | |
| | recovery well is to be located. | relating to the request. | |

ACKNOWLEDGEMENT

I, We (name of applicant(s)),

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

| Applicant Signature | | Applicant Signature ACTION OF THE STATE ENGINEER | | |
|--|---|---|--|--|
| | ACTION OF T | | | |
| | This | application is: | | |
| | approved | pproved | | |
| provided it is not exercised to the de Mexico nor detrimental to the public | etriment of any others havin welfare and further subject | g existing rights, and is n t to the <u>attached</u> conditior | ot contrary to the conservation of water in New is of approval. | |
| Witness my hand and seal this | day of | y of 20 , for the State Engin | | |
| | | , State Engineer | | |
| Ву: | | | | |
| Signature | | Print | | |
| Title: | | | | |
| Print | | | | |
| | FOR OSE INT | ERNAL USE | Application for Permit, Form WR-0 | |
| | File No.: | | Trn No.: | |
| | | | Page 3 of | |