APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☐ RE-ENTER OLD WELL ☐

NAME OF COMPANY OR OPERATOR

HNZ Potash

Address City State Phone Number

1900 N. Akard Dallas TX 214.978.8684

Drilling Contractor

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if lease, name of lessee

Fee land HNZ Potash

Well number: HNZ Potash SW #8

Elevation (ground): 5435' N/A

Nearest distance from proposed location to property or lease line:

Distance from proposed location to nearest drilling, completed or applied-for well on the same lease:

N/A N/A

Number of acres in lease

Approximately 74,000

Number of wells on lease, including this well, completed in or drilling to this reservoir:

N/A

If lease purchased with one or more wells drilled, from whom purchased:

Name

Address

Well location (give footage from section lines)

164' from the W. line, 877' from the S. line of sec. 21

Section - Township - Range or Block and Survey

sec. 21 T 16N R24 E.

Dedication per A.A.C. R12-7-104(A)(3) N/A

Field and reservoir (if wildcard, so state)

Stratigraphic test well for potash Apache

Distance in miles and direction from nearest town or post office

Approximately 25 miles from Holbrook, AZ.

Proposed depth:

1250'

Rotary or cable tool:

Rotary

Organization Report:

Yes

Date work will start

3/30/11

Filing Fee of $25.00

$50,000

Remarks

(Certification)

C. Brian Boutte

Signature

Date 1/28/11

Permit Number: 1017

Approval Date: 1-28-2011

Approved By: SL Ranny

STATE OF ARIZONA

OIL & GAS CONSERVATION COMMISSION

Application to Drill or Re-enter

File Two Copies

Form No. 3

(Complete Reverse Side)
4. Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107.

2. A registered surveyor shall show on the plat the location of the well and certify this information in the space provided.

3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.

4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES [ ] NO [X]

5. If the answer to question four is no, have the interests of all owners been consolidated by communization agreement or otherwise? YES [ ] NO [X] If answer is yes, give type of consolidation [ Recorder's Office ]

6. If the answer to question four is no, list all of the owners and their respective interests below:

<table>
<thead>
<tr>
<th>Owner</th>
<th>Land Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sec 21, T. 16 N., R. 24 E.</td>
</tr>
</tbody>
</table>

CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

<table>
<thead>
<tr>
<th>Name</th>
<th>Kenneth Flygare, PLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position</td>
<td>President</td>
</tr>
<tr>
<td>Company</td>
<td>Terra Vista Group, Inc</td>
</tr>
<tr>
<td>Date</td>
<td>12/30/19</td>
</tr>
</tbody>
</table>

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Registered Land Surveyor
Kenneth Flygare, PLS
Certificate No. LS 23947

PROPOSED CASING PROGRAM

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Weight</th>
<th>Grade &amp; Type</th>
<th>Top</th>
<th>Bottom</th>
<th>Cementing Depths</th>
<th>Sacks Cement</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.625&quot;</td>
<td>20.1#</td>
<td>PWT</td>
<td>5436'</td>
<td>1250'</td>
<td>TD</td>
<td>6-9 Sacks for surface casing</td>
<td>Driller Supply</td>
</tr>
<tr>
<td>4.5&quot;</td>
<td>11.8#</td>
<td>HWT (surface)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>