This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed. Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWNO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-123)

OPERATOR Nielson Enterprises Inc.
ADDRESS 1675 Broadway, Suite 2770
Denver, CO 80202

CONTACT PERSON Tom McCarthy
PHONE (303) 572-1081

PURCHASER Peoples Natural Gas Co.
ADDRESS 25 Main Place
Council Bluffs, IA 51501

DRILLING Western Well Drilling
CONTRACTOR
ADDRESS 11299 Old Brighton Road
Henderson, CO 80640

PLUGGING ____________
CONTRACTOR
ADDRESS

TOTALDEPTH 1467' PBTD 1442'

SPUD DATE 9/13/81 DATE COMPLETED 11/20/81

ELEV: GR 3499 DF KB 3504

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 313'
DV Tool Used? No

AFFIDAVIT

STATE OF COLORADO, COUNTY OF DENVER SS, I,

J. D. Cranor OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Vice President COORD (OP) Nielson Enterprises Inc.

OPERATOR OF THE Harkins LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. A-1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 20 DAY OF NOVEMBER, 1981, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

SUBSCRIBED AND SWORN BEFORE ME THIS 22nd DAY OF JUNE, 1982

MY COMMISSION EXPIRES: 1/30/83

NOTARY PUBLIC
C. A. Ebert

**The person who can be reached by phone regarding any questions concerning this application. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order.
### FORMATION DESCRIPTION, CONTENTS, ETC.

**Niobrara**

<table>
<thead>
<tr>
<th>TOP</th>
<th>BOTTOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1247'</td>
<td></td>
</tr>
</tbody>
</table>

### CASING RECORD (New) or (Used)

<table>
<thead>
<tr>
<th>Purpose of string</th>
<th>Size hole drilled</th>
<th>Size casing set (in. O.D.)</th>
<th>Weight lbs/ft</th>
<th>Setting depth</th>
<th>Type cement</th>
<th>Socks</th>
<th>Type and percent additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>9 7/8&quot;</td>
<td>7&quot;</td>
<td>17#</td>
<td>313</td>
<td>Portland</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>Production</td>
<td>6 1/4&quot;</td>
<td>4 1/2&quot;</td>
<td>10.50#</td>
<td>1442</td>
<td>50/50 poz</td>
<td>200</td>
<td>2% gel, 10% salt, .75% CRF-2</td>
</tr>
</tbody>
</table>

### LINER RECORD

<table>
<thead>
<tr>
<th>Top, ft.</th>
<th>Bottom, ft.</th>
<th>Socks cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PERFORATION RECORD

<table>
<thead>
<tr>
<th>Shots per ft.</th>
<th>Size &amp; Type</th>
<th>Depth interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4/10&quot; JET</td>
<td>1291-1333</td>
</tr>
</tbody>
</table>

### TUBING RECORD

<table>
<thead>
<tr>
<th>Size</th>
<th>Setting depth</th>
<th>Packer set at</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2&quot;</td>
<td>1275'</td>
<td></td>
</tr>
</tbody>
</table>

### ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

- **Amount and kind of material used**
  - 56,900 Gals. 80% Nitrogen Foam
  - 70,000# 20/40 sand

- **Depth interval treated**: 1291-1333

### Producing Method (flowing, pumping, gas lift, etc.)

- **Gravity**: Flowing

### Rate of Production

<table>
<thead>
<tr>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-oil ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>45</td>
<td>0%</td>
<td></td>
</tr>
</tbody>
</table>

- **Perforations**: 1291-1333