FORM MUST BE TYPED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WEL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 03628
Name: HARVEST ENERGY COMPANY
Address: P.O. BOX 620006
LITTLETON, CO 80162
City/State/Zip
Purchaser: PEOPLES NATURAL GAS COMPANY
Operator Contact Person: ALAN L. NACKERUD
Phone (303) 972-8750
Contractor: Name: EXCELL DRILLING COMPANY
License: 08273
Wellsite Geologist: ALAN L. NACKERUD

Designate Type of Completion
X New Well _____ Re-Entry _____ Workover
____ Oil SWD SIOW Temp. Abd.
____ Gas ENHR SIOW
____ Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator:
Well Name:
Comp. Date _______ Old Total Depth
____ Deepening _______ Re-perf. _______ Conv. to Inj/SWD
____ Plug Back _______ PBDT
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Inj) Docket No.

10/29/91 10/30/91 12/16/91
Spud Date Date Reached TD Completion Date

API NO. 15-023-20.315
County CHEYENNE
Sec. 30 Twp. 4S Rge. 39 XW
Footages calculated from Nearest Outside Section Corner:
Ne (SE NW or SW circle one)
Lease Name NEITZEL Well # 1-30
Field Name WHEELER
Producing Formation NIOTRARA (BEECHER ISLAND)
Elevation: Ground 3547 KB 3553
Total Depth 1437 PBDT 1403
Amount of Surface Pipe Set and Cemented at 350 Feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set _______ Feet
If Alternate II completion, cement circulated from _______ Feet
drilling fluid management plan (Data must be collected from the Reserve Pit)
Chloride content N/A ppm Fluid volume 107 bbls
Watering method used EVAPORATION
Location of fluid disposal if hauled offsite: 3-12-92

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-120, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature 
Title OWNER Date 3/9/92
Subscribed and sworn to before me this 9th day of March 1992.
Notary Public
Date Commission Expires July 27, 1992
8411 W. Bayard Ave.
Littleton, CO 80123

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
KKC SWD/Rep
KGS Plug
Other (Specify)

Form ACO-1 (7-91)
Operator Name: HARVEST ENERGY COMPANY
Lease Name: NEITZEL
Well #: 1-30
Sec. 30 Twp. 4S Rge. 39
County: CHEYENNE

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken
(Attach Additional Sheets.)

☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ No

Electric Log Run
(Submit Copy.)

☒ Yes ☐ No

List All Logs Run:
DUAL INDUCTION
COMPENSATED NEUTRON/DENSITY

CASING RECORD

Report all strings set-conductor, surface, intermediate, production, etc.

<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 of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURFACE</td>
<td>9 7/8</td>
<td>7</td>
<td>20</td>
<td>350</td>
<td>NEAT</td>
<td>150</td>
<td>-</td>
</tr>
<tr>
<td>PRODUCTION</td>
<td>6 1/4</td>
<td>4 1/2</td>
<td>9.5</td>
<td>1414</td>
<td>50/50 POZ</td>
<td>75</td>
<td>2% GEL</td>
</tr>
</tbody>
</table>

ADDITIONAL CEMENTING/SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth Top Bottom</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
</table>

PERFORATION RECORD - Bridge Plugs Set/Type

Specify Footage of Each Interval Perforated

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>PERFORATION RECORD</th>
<th>Acid, Fracture, Shot, Cement Squeeze Record</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>1322-26, 1328-30, 1336-48</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9,000 GALS, 10%HCL</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>SAME</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>360 GALS, GLACIAL ACETIC</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>20 TONS CO2</td>
</tr>
</tbody>
</table>

TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☐ No

N/A

Date of First, Resumed Production, SWD or Inj.

12/21/91

Producing Method

☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Produced by

Oil Bbls.

Gas Mcf

Water Bbls.

Gas-Oil Ratio

Gravity

48

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 1322-1348

☐ Other (Specify)
Date: 10-30-91
District: Oakly
Ticket No: 609968
Company: Harvest Energy
Rig: Excel
Lease: 18-1-24 S 15-13 W
Well No: D-30
State: KS
Location: Goodland,证监 Field

**Casing Data:**
- Size: 6 1/2
- Type: Weight: 9.5
- Collar:
- PTA □
- Squeeze □
- Intermediate □
- Production □
- Liner □
- Depth (Top): ________
- Bottom: ________
- Casing Pipe: Size: ________
- Weight: ________
- Collars: ________
- P.B. to: ________ ft.

**Capacity Factors:**
- Casing: Bbls/Lin. ft: 0163
- Lin. ft/Bbl: 42
- Open Holes: Bbls/Lin. ft: ________
- Lin. ft/Bbl: ________
- Annulus: Bbls/Lin. ft: ________
- Lin. ft/Bbl: ________
- Perforations: From ________ ft. to ________ ft. Amt. ________

**Company Representative:**

**CEMENTER:**

**REMARKS:**
- Air loc with cement equip (read)
- End for trucks + start float equip
- Trucks arrive hold pre job
- Safety meeting.
- Setup equipment
- Hook up tie in
- 3-4 pump 20 & 45 sec KCH under 2% drop plug + displ ace latch down plug
- Plug landed @ 1150 psi
- Job complete

**CEMENTING LOG**

**Original**

**Spacer Data:**
- Amt: ________
- Sks Yield: ________
- ft³/sk Density: ________
- PPG:

**Lead:**
- Pump Time: ________ hrs.
- Type: 50 (12) pas
- Amt: ________
- Sks Yield: ________
- ft³/sk Density: ________
- PPG

**Tail:**
- Pump Time: ________ hrs.
- Type: Excess
- Amt: ________
- Sks Yield: ________
- ft³/sk Density: ________
- PPG

**Water:**
- Lead: ________ gals/sk Tail: ________ gals/sk
- Total: ________ Bbls

**Pump Trucks Used:**
- BSU 6463

**Bulk Equip:**
- BSU 2037

**Float Equip Manufacturer:**
- Baker

**Shoe:**
- Type: ___
- Casing
- Depth: 144

**Float:**
- Type: Latchdown Plug
- Depth: 1403

**Centralizers:**
- Quantity: ________
- Plugs Top: ________
- Btm: ________

**Stage Collars:** ________

**Special Equip:**

**Disp. Fluid Type:**
- Water
- Amt: 219
- Bbls
- Weight: PPG

**Mud Type:**
- Weight: PPG

**TIME**

<table>
<thead>
<tr>
<th>AM/PM</th>
<th>DRILL PIPE CASING</th>
<th>ANNULUS</th>
<th>TOTAL FLUID</th>
<th>Pumped Per Time Period</th>
<th>RATE Bbls/Min</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00</td>
<td>Red Lines Puss</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:15</td>
<td></td>
<td></td>
<td>1.5-2 Mix cement</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Final Disp. Press:** 700 PSI

**Bump Plug To:** 1150 PSI

**Bleedback:** 11/4 Bbls

**Thank You**