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

Operator: License # 5016
Name: Energy Production, Inc.
Address 107 N. Market, #300-12
City/State/Zip Wichita, Kansas 67202

County Graham
SE NW NW Sec. 16 Twp. 6S Rge. 22 X
4,290 Ft. North from Southeast Corner of Section
4,290 Ft. West from Southeast Corner of Section
(Note: Locate well in section plat below.)
Lease Name Keiswetter
Field Name Springbird
Producing Formation -
Elevation: Ground 2,355 KB 2,360
Total Depth 3,840 PBD

API NO. 15-065-22,600 - 00 - 00

Drilling Method: X Mud Rotary - Air Rotary - Cable

Spud Date 10/20/90 Date Reached TD 10/25/90 Completion Date 10/26/90

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drilling time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 President
Date 11/32/90

Subscribed and sworn to before me this 24th day of Nov.
Notary Public
Date Commission Expires Oct. 27, 1995

Form ACO-1 (7-89)
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

DST #1: 3752-3767; OP 30", SI 30", OP 30", SI 30"; all flow & SI pressures = 28 psig; IHP & PHP = 1884 psig; BHT = 114 F; rec. 5' mud, ns.

Formation Description

☐ Log ☐ Sample

Name

Anhydrite

Top

2025

Bottom

2057

Topeka

3376

Heebner

3576

Toronto

3603

Lansing/KC

3620

3810

Casing Record

☐ New ☒ Used

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 Pipe</td>
<td>12 3/4&quot;</td>
<td>8 5/8&quot;</td>
<td>20</td>
<td>255'</td>
<td>60-40 POZ</td>
<td>180</td>
<td>3% cc, 2% Gel</td>
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</tbody>
</table>

Perforation Record

Specify footage of each interval perforated

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Acids, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth</th>
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Tubing Record

Size | Set At | Packer At | Liner Run | Yes | No |
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Date of First Production

Producing Method

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

Estimated Production

Per 24 Hours

<table>
<thead>
<tr>
<th>Oil</th>
<th>Bbls.</th>
<th>Gas</th>
<th>Mcf</th>
<th>Water</th>
<th>Bbls.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
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Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease

(If vented, submit ACO-18.)

Method of Completion

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Conningled

☐ Other (Specify) ____________________________

Production Interval
**ALLIED CEMENTING CO., INC.**

**No. 9058**

**Home Office**: P. O. Box 31, Russell, Kansas 67665

**Phone**: Plainville 913-434-2812

**Phone**: Ness City 913-798-3843

---

**Date**: 10-25-90

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Twp.</th>
<th>Range</th>
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<tbody>
<tr>
<td>16</td>
<td>6S</td>
<td>22W</td>
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</tbody>
</table>

**Called Out**: 11:00 A.M.

**On Location**: 1:00 P.M.

**Job Start**: 2:00 P.M.

**Finish**: 4:30 P.M.

**Owner**: Same

**Contractor**: Abohserdale Drilling

**Type Job**: Plug

**Hole Size**: 7 7/8" T.D. 3840'

**Cag.**: 8 7/8" Depth 265'

**Thg. Size**: 8 7/8" Depth

**Drill Pipe**:

**Tool**:

**Cement Left in Cag.**: Shoe Joint

**Press Manipulations to date**: Minimum 74'

**Mess Line**: Displace

---

**EQUIPMENT**

<table>
<thead>
<tr>
<th>No.</th>
<th>Cementer</th>
<th>Helper</th>
</tr>
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<tr>
<td>1</td>
<td>Gary H.</td>
<td>Dwayne</td>
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</table>

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<tr>
<th>No.</th>
<th>Pumperk</th>
<th>Helper</th>
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<tbody>
<tr>
<td>1</td>
<td>Driver</td>
<td>Glen C</td>
</tr>
</tbody>
</table>

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**DEPT. of Job**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#11 plug</td>
<td>2050' w/10 sks</td>
<td>$475.00</td>
</tr>
<tr>
<td>#13 plug</td>
<td>860' w/10 sks</td>
<td>$86.00</td>
</tr>
<tr>
<td>Bulktrk</td>
<td>212'</td>
<td>35.20</td>
</tr>
</tbody>
</table>

**Sub Total**: $582.00

**Handling**: 1.00% (18.5 sks)

**Mileage**: 1931 (13 mi.)

**State Construction Commission**: 15

**Sub Total**: $238.65

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**Remarks**:

1st plug: 2050' w/10 sks

2nd plug: 1250' w/100 sks w/1st Faselo.

3rd plug: 300' w/40 sks

878' plug: 40' w/10 sks to surface

Plugged rat hole w/15 sks.
### Allied Cementing Co., Inc. - Job Sheet

**Date:** 10-20-90  
**Sec:** 16  
**Twp:** 6S  
**Range:** 22W  
**Called Out:** 3:00PM  
**On Location:** 5:45PM  
**Job Start:** 10:30AM  
**Finish:** 11:00AM  
**Location:** Hill City, 3E 8N 4W  
**Owner:**  
**Street:**  
**City:**  
**State:** Kansas  

#### Details
- **Hole Size:** 12  
- **TD:** 258'  
- **Thg. Size:**  
- **Drill Pipe:**  
- **Tool:**  
- **Cement Left in Cag:** 15'  
- **Perf:**  
- **EQUIPMENT**
- **# No:**  
- **Cementer:**  
- **Pumprk:** 1  
- **Driver:**  
- **Bulkrk:** 2  

#### Depth of Job
- **Reference:**  
- **Perm:**  
- **Sub Total:**  
- **Tax:**  
- **Total:** 501'  

#### Remarks:
- **Cement DID Circulate**