STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License #......... 9067
Name.................. JAGGER RESOURCES, INC.
Address............. P.O. Box 70
City/State/Zip.............. JAYA, KS 67651
Purchaser................. CITGO Petro. Corp.
............................................ 915A, OK
Operator Contact Person.... Daniel F. Schippers
Phone.................. (913) 625-6020
Contractor License #........ 6739
Name.................. John O. Farmer, Inc.
Wellsite Geologist............. Jerry Green
Phone.................. (913) 625-5155

Designate Type of Completion
[X] New Well  [ ] Re-Entry  [ ] Workover
[X] Oil  [ ] SWD  [ ] Temp Abd
[ ] Gas  [ ] Inj  [ ] Delayed Comp.
[ ] Dry  [ ] Other (Core, Water Supply etc.)

IF OWNO: old well info as follows:
[ ] Operator Name
[ ] Well Name
[ ] Comp. Date
[ ] Old Total Depth

WELL HISTORY

Drilling Method:
[X] Mud Rotary  [ ] Air Rotary  [ ] Cable

Spud Date............. 1-02-86
Date Reached TD............. 1-08-86
Completion Date............. 1-02-86

Total Depth............. 3433

Amount of Surface Pipe Set and Cemented at............. 247.5 feet
Multiple Stage Cementing Collar Used? [X] Yes  [ ] No
If yes, show depth set............. 127.5
Alternate 2 completion, cement circulated from.............147.5
feet depth to............. SURFACE

500 SX cart

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-5-130 and 82-5-107 apply.

Any information on this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-5-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit OP-4 form with all plugged wells. Submit OP-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 (President)............. 2-27-86
Title.................. Date

Subscribed and sworn to before me this 7th day of February
Notary Public............. Darlene Pearson

Date Commission Expires............. 7-15-89

KCC OFFICE USE ONLY
[X] Letter of Confidentiality Attached
[ ] Wireline Log Received
[ ] Drillers Time Log Received

Distribution
[ ] KCC  [ ] SWD/Rep  [ ] NGPA
[ ] KGS  [ ] Plug  [ ] Other

My Appointment Expires July 10, 1989

FEB 10 1986
### WELL LOG

**Drill Stem Tests Taken**
- Yes [x]  No [ ]

**Samples Sent to Geological Survey**
- Yes [x]  No [ ]

**Cores Taken**
- Yes [x]  No [ ]

**Formation Description**
- Log [x]  Sample [ ]

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topeka</td>
<td></td>
<td>2858</td>
</tr>
<tr>
<td>Heebner</td>
<td></td>
<td>( -929 )</td>
</tr>
<tr>
<td>Toronto</td>
<td></td>
<td>3082</td>
</tr>
<tr>
<td>Lansing-K.C.</td>
<td></td>
<td>( -1153 )</td>
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<tr>
<td>Base Lansing-K.C.</td>
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<td>3100</td>
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<tr>
<td>Conglomerate Sand</td>
<td></td>
<td>( -1379 )</td>
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<tr>
<td>Arbuckle</td>
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<td>3386</td>
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<tr>
<td>R.T.D.</td>
<td></td>
<td>( -1547 )</td>
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<tr>
<td>L.T.D.</td>
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<td>3446</td>
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<tr>
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<td>( -1571 )</td>
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**DST #1 - 3050 - 3095 (Tor.)**
- 30 - 45 - 60 - 45
- ISIP - 1269  FSIP - 1225
- IFP - 154 - 209  FFP - 352 - 484
- Recovery: 1054' MW

**DST #2 - 3115 - 3160 (C, D)**
- 30 - 45 - 30 - 45
- ISIP - 469  FSIP - 458
- IFP - 43 - 43  FFP - 54 - 54
- Recovery: 30' mud w/few oil spots

**DST #3 - 3158 - 3183 (E, F)**
- 60 - 45 - 30 - 45
- ISIP - 810  FSIP - 810
- IFP - 43 - 65  FFP - 87 - 98
- Recovery: 60' GIP and 122' HO & GCM

### CASING RECORD
- New [x]  Used [ ]

**Purpose of String**

<table>
<thead>
<tr>
<th>Size Hole Drilled</th>
<th>Size Casing Set</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>19 1/8&quot; R.R.</td>
<td>201</td>
<td>282</td>
<td>9020.67.00000</td>
<td>385</td>
<td>94% 1 1/2 lb. Fluorite/0k.</td>
</tr>
<tr>
<td>Production</td>
<td>06 7/8&quot; R.1/2&quot;</td>
<td>244</td>
<td>302</td>
<td>122.50.70.5</td>
<td>175</td>
<td>1/4 lb. Fluorite/0k.</td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Specify Footage of Each Interval Perforated</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**TUBING RECORD**

<table>
<thead>
<tr>
<th>Size 31/8&quot;</th>
<th>Set At 3437'</th>
<th>Packer at N/A</th>
<th>Liner Run [x]  No [ ]</th>
</tr>
</thead>
</table>

**Date of First Production**

- 1-31-86

**Producing Method**

- Flowing [x]  Pumping [ ]  Gas Lift [ ]  Other (Specify) [ ]

**Estimated Production Per 24 Hours**

<table>
<thead>
<tr>
<th>Oil Bbls</th>
<th>Gas MCF</th>
<th>Water</th>
<th>Gas - Oil Ratio</th>
<th>Gravity</th>
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</thead>
<tbody>
<tr>
<td>17</td>
<td>---</td>
<td>15</td>
<td>CFPB 36°</td>
<td></td>
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</tbody>
</table>

**METHOD OF COMPLETION**

- Production Interval

- Disposition of Gas: Vented [x]  Sold [ ]  Used on Lease [ ]

- Open Hole [ ]  Other (Specify) [ ]  Perforation [x]  Dually Completed [ ]  Conningled [ ]