**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 # - 4248  
Name:   
Address: 1616 Glenarm Rd., Suite 1804  
Phone:  
City/State/Zip: Denver, CO 80202  

**Operator Contact Person:** John R. Pruitt  
Phone: 303-354-6781  

**Contractor/License #:** 6033  
Name: McCulloch Drill, Inc.  
Phone: 337-7898  

**Geologist:** applause  
Phone: 337-7898  

**Designate Type of Completion**  
- [ ] New Well  
- [X] Re-Entry  
- [ ] Workover  

- [ ] Oil  
- [ ] SWD  
- [ ] Temp Abd  
- [ ] Gas  
- [ ] Inj  
- [ ] Delayed Comp.  
- [X] Dry  
- [ ] Other (Corr, Water Supply etc.)

If SWD: old well info as follows:

**Operator:**  
**Well Name:**  
**Comp. Date:** Old Total Depth:  

**WELL HISTORY**

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

**Spud/Completion Date:**  
- [X] 3/26/85  
- [ ] 3/30/85  

**Total Depth:** feet  

**Amount of Surface Pipe Set and Cemented at:** feet  

**Multiple Stage Cementing Collar Used?**  
- [ ] Yes  
- [X] No  

**If alternate completion, cement circulated from:** feet to feet  

**INSTRUCTIONS:** This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Darling Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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.

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:** 3/26/85  

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**WATER SUPPLY INFORMATION**

**Disposition of Produced Water:**  
- [X] Disposal  
- [ ] Reprocessing  

**Questions on this portion of the ACO-1 call:**

**Source of Water:**

- [X] Division of Water Resources Permit #  
- [ ] Purch. from Joe Fleming, Bird City, KS. Pumped from location directly from well  
- [ ] Groundwater - Ft. North from Southeast Corner of Sec. Total Rge  East West  
- [X] FT. North from Southeast Corner (Well)  
- [ ] FT. West from Southeast Corner of Sec. Total Rge  East West  
- [ ] Stream, pond etc.  
- [X] FT. West from Southeast Corner (Stream, pond etc.)  

**Other (explain):** (purchased from city, R.W.D. #)  

**K.C.C. OFFICE USE ONLY**

<table>
<thead>
<tr>
<th>Distribution</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>[X] KCC</td>
<td>SWD/Rep</td>
</tr>
<tr>
<td>[ ] NGPA</td>
<td>Plug</td>
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</table>

Form ACO-1 (7-84)
### WELL LOG

**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.

<table>
<thead>
<tr>
<th>Drill Stem Tests Taken</th>
<th>Yes</th>
<th>No</th>
<th>Formation Description</th>
<th>Log</th>
<th>Sample</th>
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</thead>
<tbody>
<tr>
<td>Samples Sent to Geological Survey</td>
<td>Yes</td>
<td>No</td>
<td>Name</td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>Cores Taken</td>
<td>Yes</td>
<td>No</td>
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</table>

See attached geologist report.

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<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole</th>
<th>Size Casings</th>
<th>Weight</th>
<th>Setting</th>
<th>Type of</th>
<th>$ Sacks</th>
<th>Percent</th>
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</thead>
<tbody>
<tr>
<td>Surface</td>
<td>.421</td>
<td>.8 5/8</td>
<td>.29#</td>
<td>.352</td>
<td>40-Auto</td>
<td>.20 ox</td>
<td>.20 pel.</td>
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<td>PERFORATION RECORD</td>
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<td>Shots Per Foot</td>
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<td>TUBING RECORD</td>
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<td>Size</td>
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<td>Set At</td>
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<tr>
<td>Packer at</td>
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<tr>
<td>Liner Run</td>
<td>Yes</td>
<td>No</td>
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<td>Date of First Production</td>
<td>NA</td>
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<tr>
<td>Producing Method</td>
<td>Flowing</td>
<td>Pumping</td>
<td>Gas Lift</td>
<td>Other (explain)</td>
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<tr>
<td>Estimated Production Per 24 Hours</td>
<td>Bbls</td>
<td>MCF</td>
<td>Bbls</td>
<td>CPFb</td>
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<tr>
<td>Disposition of gas:</td>
<td>Vented</td>
<td>Sold</td>
<td>Used on Lease</td>
<td>Open Hole</td>
<td>Perforation</td>
<td>Other (Specify)</td>
<td>Dually Completed</td>
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</table>
April 2, 1985

Geologic Report

1. Well name - Briney Farms 4-AI
2. Location - 550' FNL & 550' FEL Section 4-5S-37W
   Rawlins County, Kansas
3. Operator - J D P Corp
4. Contractor - Murfin Drilling Co., Rig #2
5. Commenced - March 19, 1985
   TD'd - March 26, 1985 at 4765' Driller; 4762' Logger
6. Elevation - 3377' GL; 3382' KB
7. Drillstem tests - Six; Cheney Testers
8. Electric log - Great Guns
9. Casing record - Surface; 8 5/8" set at 352'. Cemented to surface.

Formation Tops
(from Kelly Bushing)

<table>
<thead>
<tr>
<th>Formation</th>
<th>4-AI</th>
<th>4-AI</th>
<th>RECOV</th>
<th>RECOV</th>
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<tbody>
<tr>
<td>Stone Corral</td>
<td>3092</td>
<td>+290</td>
<td>3042</td>
<td>+282</td>
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<tr>
<td>Toronto</td>
<td>4221</td>
<td>-899</td>
<td>4181</td>
<td>-857</td>
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<tr>
<td>L-KC</td>
<td>4234</td>
<td>-852</td>
<td>4195</td>
<td>-871</td>
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<td>Base L-KC</td>
<td>4510</td>
<td>-1128</td>
<td>4470</td>
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<tr>
<td>Marmaton</td>
<td>4524</td>
<td>-1142</td>
<td>4484</td>
<td>-1160</td>
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<tr>
<td>Pawnee</td>
<td>4611</td>
<td>-1229</td>
<td>4569</td>
<td>-1245</td>
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<tr>
<td>Cherokee</td>
<td>4674</td>
<td>-1292</td>
<td>4633</td>
<td>-1309</td>
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</table>

Zones of Interest (log and/or samples)

Toronto
4220-25 Limestone, variegated, VFXTIN-fossiliferous-chalk, some pinpoint vugs with slight oil show. Looks pretty chalky. Could produce some oil.

Lansing-Kansas City
"A" 4234-38 Limestone, variegated, VFXTIN-chalk, few vuggy samples with fair porosity and good show of oil. This zone is generally too chalky to produce.

"C" 4287-95 Limestone, variegated, VFXTIN-fossiliferous-sucrosic-chalk, some pinpoint vugs with good show of oil. Too chalky.

"D" 4334-40 Limestone, VFXTIN-fossiliferous-sucrosic-chalk, few samples with fair vuggy porosity with good show of oil. Covered by DST #6. Looks wet.

"F" 4417-34 Limestone, white-brown, VF-MXTIN-fossiliferous-oolic-sucrosic-chalk, few oolitic with pinpoint vugs with slight show of oil, some VF-MXTIN and sucrosic with fair vuggy and intercrystalline porosity with good show of oil, few samples with fracture and vug faces with good show of oil. Covered by DST #1. Too tite to produce.
"H" 4478-86 Limestone, variegated, VFXTIN-fossiliferous-chalk, no shows. Too chalky.

Marmaton
4558-66 Limestone, variegated, VFXTIN-chalk. No shows. Too chalky.

Pawnee
4621-41 Limestone, white, oolitic-fossiliferous, fair-good vuggy porosity, good lile oil show. Covered by DST #2. Too tite.

DST #1
4392-4450
Times 30-60-60-120
Recovered 5' drilling mud (few specks of oil at top of tool jt.)
IHP 2255, PHP 2167, IFP 50-50, FFP 50-50, ISIP 90, FSIP 120

DST #2
4598-4656
Times 30-60-60-120
Recovered 5' of drilling mud (few oil spots on top of tool jt.)
IHP 2373, PHP 2265, IFP 50-60, FFP 60-60, ISIP 100, FSIP 130

DST #3
4325-4348 (Hookwall) Hook set at 4380
Misrun; Top packer failure

DST #4
4534-4590 (Straddle)
Misrun; Bottom packer failed immediately. Top packers failed on second opening.

DST #5
4292-4351 (Hookwall), Misrun; could not set hook.

DST #6
4300-4351 (Straddle)
Times 15-30-45-60
Recovered 530' watery mud; 3200 ppm chlorides (pit mud 2000 ppm)
Bottom packer leaked during initial opening.
IHP 2362, PHP 2231, IFP 150-230, FFP 290-300, ISIP 1234, FSIP 1174

This well was under geologic supervision from 3900'-TD. Wet samples were examined from 4000'-TD. Based on log, DST and sample data it is my opinion that the only potential oil zone is the Toronto which I don't think would be economic to run pipe on.

After several attempts to test the L-KC "D" zone (which turned out wet) and the Marmaton (had a misrun) it was decided to P&A the well. The well was plugged March 30, 1985.

The primary objective Pawnee zone turned out to be very thin (4623-25) with a maximum porosity of 3.5% (usually need 8% or greater to produce).

James Dillie
Consultant

RECEIVED
STATE CORPORATION COMMISSION
MAY 2, 1985
CONSERVATION DIVISION
Wichita, Kansas