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

API NO. 15-1-00

County: Graham
Address: 125 N. Market, Ste. 1000
City/State/Zip: Wichita, KS 67202

Operator: Ritchie Exploration, Inc.
Operator Contact Person: Jeff Christian
Phone: 316-267-4375
Contractor: Murfin Drilling Company, Inc.
License: 30606

Designate Type of Completion: X New Well ___ Re-Entry ___ Workover
Oil: _____ SUD ___ SIGW ___ Temp. Abd.
Gas: _____ EMHR ___ SIGW
X Dry ___ Other (Core, WNW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:
Operator: 
Well Name: 
Comp. Date: 
Old Total Depth: 
Deepeening: Re-perf. ___ Conv. to Inj/SWD ___
Plug Back ___ PBD
Comilling ___ Docket No. ___
Dual Completion ___ Docket No. ___
Other (SWD or Inj?): Docket No. ___

Spud Date: 01-10-94
Date Reached TD: 01-16-94
Completion Date: 01-17-94

Drilling Fluid Management Plan
D&A 1F 2-19-98
(Data must be collected from the Reservoir File)
Chloride content _____ ppm
Fluid volume: 890 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: 
Operator Name: 
Lease Name: 
License No.: 
Quarter Sec. ___ Tup. ___ Rng. ___ E/W

KCCC OFFICE USE ONLY
Letter of Confidentiality Attached: F
Wireline Log Received: C
Geologist Report Received: C

Distribution: KCCC ___ SUD/Rep ___ NEPA ___ ESE ___ Plug ___ Other (Specify)

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
Bldg., Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well.
Rule 82-3-113, 82-3-116 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-111 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: President 
Date: 2/23/98
Subscribed and sworn to before me this 5th day of February, 1994.
Notary Public:
Date Commission Expires: 8-20-05

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-20-05

Form AEP-1 (7-91)
Operator Name: Ritchie Exploration, Inc.  Lease Name: Moore Estate  Well No: 1
Sec. 15  Twp. 6S  Rge. 24  County: Graham

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  Yes  No
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No
(Submit Copy.)

List All ELogs Run:

Radiation Guard Log

ORIGINAL

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./Pt.</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>12½&quot;</td>
<td>8-5/8&quot;</td>
<td>24#</td>
<td>297½</td>
<td>60/40</td>
<td>225</td>
<td>2% gel 3% CC</td>
</tr>
</tbody>
</table>

Additional Cementing/Squeeze Record

Purpose:

- Perforate
- Protect Casing
- Plug Back TD
- Plug Off Zone

Perforation Record - Bridge Plugs Set/Type

Shots Per Foot

Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)

Depth

Tubing Record

Size

Set At

Packer At

Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj.

D&A

Producing Method

Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours

Oil /

Gas /

NBF  Water /

Bbls.  Bbls.

Gas-Oil Ratio  Gravity

Disposition of Gas:

- Vented  No  Sold  Used on Lease
  (If vented, submit ACD-18.)

- Open Hole  Perf.  Dually Comp.  Commingled

- Other (Specify)

Production Interval
#1 Moore Estate
NW SE NW
Section 15-6S-24W
Graham County, Kansas
API# 15-065-22,734
Elevation: 2467' G.L., 2472' K.B.

ELECTRIC LOG TOPS
Anhydrite 2106' (+ 366)
B/Anhy 2138' (+ 334)
Topeka 3422' (- 950)
Heebner 3621' (-1149)
Toronto 3647' (-1175)
Lansing 3662' (-1190)
B/KC 3844' (-1372)
LTD 3865' (-1393)

DST #1 from 3699' to 3738' (L/KC 50' to 90' zones). Recovered 558' of mud, 250' of watery mud (52% mud, 48% water), and 62' watery mud (76% mud, 24% water).

IFP: 69-196#/25".
Note: The packer failed on the first try and held on the second try for 25" and then failed again. There were no shut in pressures or final flow taken.

DST #2 from 3753' to 3810' (L/KC 140' to 180' zones). Recovered 85' of mud.

IFP: 37-57#/30"; ISIP: 1213#/30";
FFP: 59-71#/30"; FSIP: 1165#/30".