



KANSAS CORPORATION COMMISSION 1093995  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 34658  
Name: Arrington CJM, Inc.  
Address 1: 300 Houston Ave.  
Address 2: PO BOX 608  
City: CANADIAN State: TX Zip: 79014 +  
Contact Person: Ed Culver  
Phone: ( 806 ) 323-5366  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Kurt Talbot  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
04/18/2012    04/23/2012    07/13/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-063-21976-00-00  
Spot Description: \_\_\_\_\_  
N2 S2 SE SW Sec. 35 Twp. 13 S. R. 29  East  West  
460 Feet from  North /  South Line of Section  
1980 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Gove  
Lease Name: Briggs Well #: 1-35  
Field Name: Hoffsmith  
Producing Formation: Mississippian  
Elevation: Ground: 2784 Kelly Bushing: 2795  
Total Depth: 4580 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 304 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2262 Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 2000 ppm Fluid volume: 600 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY	
<input checked="" type="checkbox"/>	Letter of Confidentiality Received Date: <u>09/19/2012</u>
<input type="checkbox"/>	Confidential Release Date: _____
<input checked="" type="checkbox"/>	Wireline Log Received
<input checked="" type="checkbox"/>	Geologist Report Received
<input type="checkbox"/>	UIC Distribution
ALT <input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Approved by: <u>NAOMI JAMES</u> Date: <u>09/24/2012</u>



1093995

Operator Name: Arrington CJM, Inc. Lease Name: Briggs Well #: 1-35
Sec. 35 Twp. 13 S. R. 29 [ ] East [x] West County: Gove

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [x] Yes [ ] No
Samples Sent to Geological Survey [ ] Yes [x] No
Cores Taken [ ] Yes [x] No
Electric Log Run [x] Yes [ ] No
Electric Log Submitted Electronically [ ] Yes [x] No
List All E. Logs Run: induction/gr density neutron microlog

CASING RECORD [x] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: [ ] Yes [ ] No
Date of First, Resumed Production, SWD or ENHR. Producing Method: [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (Explain)
Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: [ ] Vented [ ] Sold [ ] Used on Lease
METHOD OF COMPLETION: [ ] Open Hole [ ] Perf. [ ] Dually Comp. [ ] Commingled [ ] Other (Specify)
PRODUCTION INTERVAL:

**JAMES C. MUSGROVE**

Petroleum Geologist  
212 Main Street  
P.O. Box 215  
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Arrington CJM Inc.  
Briggs #1-35  
N/2-S/2-SE-SW  
(480' FSL & 1880' FWL)  
Section 35-13a-29w  
Gove County, Kansas  
Page 1

**5 1/2" Production Casing Set**

**Contractor:** Murfin Drilling Co. (Rig #2)  
**Commenced:** April 26, 2012  
**Completed:** April 30, 2012  
**Elevation:** 2795' K.B; 2793' D.F; 2784' G.L.  
**Casing program:** Surface: 8 5/8" @ 304'  
Production: 5 1/2" @ 4494'  
**Sample:** Samples saved and examined 3400' to the Rotary Total Depth.  
**Drilling time:** One (1) foot drilling time recorded and kept 3400 ft to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Drill Stem Tests:** There was one (1) DST by Trilobite Testing Co.  
**Electric Log:** By Halliburton; Array Compensated Resistivity Log and Spectral Density, Dual Spaced Neutron Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	2250	+545
Base Anhydrite	2284	+511
Heebner	3876	-1081
Toronto	3900	-1105
Lansing	3913	-1118
Stark Shale	4152	-1357
Base Kansas City	4215	-1420
Marmaton	4246	-1451
Pawnee	4323	-1528
Ft Scott	4410	-1615
Cherokee	4442	-1647
Rotary Total Depth	4494	-1699
Log Total Depth	4470	-1675

(All tops and zones corrected to Electric Log measurements).

**SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**

**TOPEKA SECTION**

There were no shows of oil and/or gas noted in Topeka Section  
(see attached Sample Log).

Arrington CJM Inc.  
 Briggs #1-35  
 N/2-S/2-SE-SW  
 (480' FSL & 1980' FWL)  
 Section 35-13s-29w  
 Gove County, Kansas  
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**TORONTO SECTION**

3900-3910' Limestone; cream, white, finely crystalline, poor visible porosity, chalky in part.

**LANSING SECTION**

3913-3937' Limestone; white, cream, finely crystalline, finely oolitic, chalky, no shows.

3949-3960' Limestone; white, chalky, poor porosity, plus white to gray, boney chert.

3970-3978' Limestone; white, cream, finely crystalline, finely oolitic, chalky, no shows.

3991-4000' Limestone; cream, gray, finely crystalline, poor to fair intercrystalline type porosity, brown stain, fair to good show of free oil and no odor in fresh samples.

4012-4016' Limestone; tan, light gray, finely crystalline, poor to fair intercrystalline type porosity, light brown stain, show of free oil and no odor in fresh samples.

**Drill Stem Test #1 3980-4008'**

Times: 30-30-30-45

Blow: Weak

Recovery: 7' mud cut oil  
 (60% oil, 40% mud)  
 56' alighty oil cut mud  
 (3% oil, 97% mud)

Pressures: ISIP 993 psi  
 FSIP 1008 psi  
 IFP 24-40 psi  
 FFP 43-54 psi  
 HSH 1979-1939 psi

4021-4030' Limestone; cream, white, finely crystalline, oomoldic, scattered oomoldic and pinpoint porosity, brown stain, trace of free oil and faint odor in fresh samples.

4040-4050' Limestone; tan, cream, finely crystalline, scattered porosity, trace light stain, no show of free oil and no odor, few cherty.

4061-4066' Limestone; tan, buff, finely scattered porosity, no shows.

4080-4088' Limestone; tan, white, finely crystalline, few cherty, scattered vuggy trace stain, trace of free oil and no odor in fresh samples.

4110-4122' Limestone; tan, cream, finely crystalline, scattered fair vuggy type porosity, dark brown stain, trace of free oil and faint odor in fresh sample.

Arrington CJM Inc.  
Briggs #1-35  
N/2-S/2-SE-SW  
(460' FSL & 1980' FWL)  
Section 35-13e-29w  
Gove County, Kansas  
Page 3

- 4133-4150' Limestone; tan, gray, finely crystalline, slightly cherty, poor porosity, golden brown stain, trace of free oil and faint odor in fresh samples.
- 4169-4180' Limestone; tan, gray, fossiliferous, loose fossil fragments, poor porosity, golden brown to dark brown stain, trace of free oil and no odor in fresh samples.
- 4196-4210' Limestone; gray, fossiliferous, chalky, scattered porosity, no shows.

**MARMATON SECTION**

- 4248-4256' Limestone; tan, finely crystalline, cherty, poor porosity, no shows.
- 4288-4296' Limestone; cream, tan, finely crystalline, chalky, poor visible porosity, no shows.
- 4302-4310' Limestone; tan, cream, finely crystalline, poor intercrystalline porosity, trace black stain, no free oil and no odor.

**PAWNEE SECTION**

- 4323-4340' Limestone; cream, tan, finely oolitic, poor visible porosity, chalky, no shows.
- 4340-4366' Limestone; tan, cream, chalky, few cherty (dense).

**MYRICK SECTION**

- 4378-4384' Limestone; tan, cream, finely crystalline, slightly dolomitic, poor to fair intercrystalline type porosity, light brown stain, no free oil and no odor in fresh samples.

**FT SCOTT SECTION**

- 4410-4442' Limestone; buff, gray, finely crystalline, poorly developed porosity, no shows.

**CHEROKEE SECTION**

- 4446-4456' Limestone; cream, buff, gray, dense.
- 4486-4494' Limestone; tan, buff, gray, cherty (dense).

Rotary Total Depth      4470 (-1699)  
Log Total Depth        4494 (-1675)

Arrington CJM Inc.  
Briggs #1-35  
N/2-S/2-SE-SW  
(480' FSL & 1980' FWL)  
Section 35-13a-29w  
Gove County, Kansas  
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**Remarks:**

Per operator recommendation, the Briggs #1-35 was drilled to the Rotary Total Depth of 4494, no Mississippian Section was encountered, and the Briggs #1-35 had 5 1/2" production casing set and cemented at 4493' (Cherokee Section).

Respectfully submitted;

*Kurt Talbott*

Kurt Talbott,  
Petroleum Geologist







Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 19, 2012

Ed Culver  
Arrington CJM, Inc.  
300 Houston Ave.  
PO BOX 608  
CANADIAN, TX 79014

Re: ACO1  
API 15-063-21976-00-00  
Briggs 1-35  
SW/4 Sec.35-13S-29W  
Gove County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Ed Culver

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



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September 19, 2012

Ed Culver  
Arrington CJM, Inc.  
300 Houston Ave.  
PO BOX 608  
CANADIAN, TX 79014

Re: ACO-1  
API 15-063-21976-00-00  
Briggs 1-35  
SW/4 Sec.35-13S-29W  
Gove County, Kansas

Dear Ed Culver:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 04/18/2012 and the ACO-1 was received on September 19, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department