

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

API NO. 15- 167-21,803-0001

County Russell

C S/2 SW. NW NW Sec. 7 Twp. 11 S Rge. 15 X E

1140 Feet from S/N (circle one) Line of Section

260 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Chrisler-Elliott Well # 2-7 INJ

Field Name Chrisler Field &/or Fairport NW Fld

Producing Formation Topeka, Toronto, Lansing

Elevation: Ground 1880 KB 1885

Total Depth 3510 PSTD 3461

Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes \_\_\_\_\_ No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan Re-work, 10-25-99  
(Data must be collected from the Reserve Pit) etc.

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rge. \_\_\_\_\_ E/W \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 5134

Name: Graham-Michaelis Corp.

Address P.O. Box 247

City/State/Zip Wichita, KS 67201

Purchaser: Farmland Industries, Inc.

Operator Contact Person: Jack Yinger - VP

Phone (316), 264-8394

Contractor: Name: Graham-Michaelis Corp.

Maier Well Service

License: 5134-GMC

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

\_\_\_\_\_ New Well \_\_\_\_\_ Re-Entry X Workover

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ S10W \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Gas X ENHR \_\_\_\_\_ S1GW  
\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Graham-Michaelis Corp.

Well Name: Elliott 2-7

Comp. Date 11/14/81 Old Total Depth 3510'

\_\_\_\_\_ Deepening X Re-perf. X Conv. to (Inj) SWD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PSTD  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. E-26,764  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

8-12-99 8-19-99 8/19/99  
Date of Re-work start. Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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-4 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 Jack L. Yinger

Title Vice President Date 9/2/99

Subscribed and sworn to before me this 2 day of Sept. 19 99.

Notary Public Glenda G. Newell

Date Commission Expires 1/2/2001

GLEND G. NEWELL  
Notary Public - State of Kansas  
My Appl. Expires 7/17/2001

K.C.C. OFFICE USE ONLY  
F \_\_\_\_\_ Letter of Confidentiality Attached  
C \_\_\_\_\_ Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received  
Distribution  
KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
KCS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Operator Name Graham-Michaelis Corp. Lease Name Chrisler-Elliott Well # 2-7  
 Sec. 7 Twp. 11S Rge. 15  East County Russell  
 West

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.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:				

CASING RECORD

New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

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
Surface		8-5/8"		257'		175	
Production		4-1/2"		3508'		200	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	505'-725'	Common	235	50 sx with 3% calcium
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	350'-505'	Common	250	50 sx with 3% calcium Chloride

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	750'	300 sx	
	450'	300 sx	

TUBING RECORD	Size 2-3/8"	Set At 2774'	Packer At 2774'	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. August 19, 1999	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease (If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled

ELLIOTT #2-7 INJECTION WELL  
S/2 SW NW NW  
Section 7-11S-15W  
Russell County, KS

8/12/99 Rig to squeeze upper portion of 4-1/2" 10.5# csg for State requirements. Pull Duo-line tbg & packer, push retrievable plug to 2750' on sand line. Ran 65 jts 2-3/8" tbg & load hole with lease water.

8/13/99 Test plug & csg to 600# - OK. Spot sand on plug & displace lease water with drilling mud. Pull tbg & perforate 3 holes at 725', pumped 40 bbl mud, no circulation from surface, pumping in on 300# start cement down csg when 48 bbl slurry was in csg. Pressure to 1500#. Ran tbg to 800' & wash all cement to pit. Spot 15 sx from 800' to 620'. Try to pump in surface on 700#, will not take fluid. Pull tbg & pressure up to check squeeze, pump in on 300#. Ran packer on tbg to 595'. Squeeze perfs to 700# with 235 sx. Shut in with 350# on gauge.

8/14/99 Pull temp log from cement bottom 595', to find top at 505'. Perforate 3 holes at 450'.

8/16/99 Ran packer on tbg to 350'. Injection started on 500# up to 850#, then broke back to 500#, pump in on 700#, squeeze up to 1000#, shut in with 400#.

8/17/99 Ran temp log to bottom at 350'. No cement indicated on out side of pipe. KCC rep Herb Deines consultant through out the job.

Rig to drill out cement left in pipe. Drill from 350' to 450', test to 500# - OK. Drill from 595' to 692'. Shut down.

8/18/99 Drill good cement from 692' to 740' to drill out. Test to 500# - OK. Pull tbg, collars, & bit. Ran plug retrieving tool on tbg to wash over plug & pull same. Ran 4' fiberglass tail pipe on Howco R-4 tension packer & 89 jts 2-3/8" duo-line tbg.

8/19/99 Displaced fluid in csg with Jacam packer fluid & set packer with 20 pts tension at 2774.69'.

State witness: Rich Williams - MIT test OK, 300# Place well into operation

Dave Patterson & Maier Well Service

RECEIVED  
STATE COMMISSION

AUG 24 1999

Oil and Gas Division  
Wilson, Kansas

ALLES CEMENTING CO., INC.  
 P.O. BOX 31  
 RUSSELL, KS 67665  
 PH (785) 483-3887  
 FAX (785) 483-5568

1309

INVOICE

Invoice Number: 079498

Invoice Date: 08/12/99

Sold Graham/Michaelis Corp.  
 To: P. O. Box 232  
 Russell, KS  
 67665

Cust I.D.....: Grah  
 P.O. Number...: Elliott #2-7  
 P.O. Date.....: 08/12/99

Due Date.: 09/11/99  
 Terms....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Sand	2.00	SKS	5.6000	11.20	T

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$ None  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 11.20  
 Tax.....: 0.66  
 Payments: 0.00  
 Total....: 11.86

AUG 18 1999

*[Signature]*  
 AUG 16 1999

ALLIED CEMENTING CO., INC.  
 P.O. BOX 31  
 RUSSELL, KS 67665  
 PH (785) 483-3887  
 FAX (785) 483-5568

1309

ORIGINAL INVOICE

Invoice Number: 079521

Invoice Date: 08/13/99

RECEIVED  
 KANSAS CORP COMM

1999 SEP 15 12:28

Sold Graham/Michaelis Corp.  
 To: P. O. Box 232  
 Russell, KS  
 67665

Cust I.D.....: Grah  
 P.O. Number...: Elliot 2-7  
 P.O. Date.....: 08/13/99

Due Date.: 09/12/99  
 Terms....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	191.00	SKS	6.3500	1212.85	T
Pozmix	94.00	SKS	3.2500	305.50	T
Gel	13.00	SKS	9.5000	123.50	T
Chloride	2.00	SKS	28.0000	56.00	T
Handling	300.00	SKS	1.0500	315.00	T
Mileage (25)	25.00	MILE	12.0000	300.00	T
300 sks @\$ .04 per sk per ml					
Squeeze	1.00	JOB	580.0000	580.00	T
Mileage pmp trk	25.00	MILE	2.8500	71.25	T

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$ 572.82  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 2964.10  
 Tax.....: 174.88  
 Payments: 0.00  
 Total....: 3138.98

-572.82  
 2,546.16

AUG 23 1999

*[Signature]*  
 AUG 20 1999

ORIGINAL

ALLIED CEMENTING CO., INC.  
P.O. Box 1  
Russell, KS 67665  
Ph (785) 463 3967  
FAX (785) 463 3366

1309

INVOICE

ORIGINAL

Invoice Number: 079561

Invoice Date: 08/16/99

RECEIVED  
KANSAS CORP CORP

1999 SEP 15 P 12:28

Sold Graham/Michaelis Corp.  
To: P. O. Box 232  
Russell, KS  
67665

Cust I.D.....: Grah  
P.O. Number...: Elliott #2-7  
P.O. Date.....: 08/16/99

Due Date.: 09/15/99  
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	190.00	SKS	6.3500	1206.50	T
Pozmix	60.00	SKS	3.2500	195.00	T
Gel	8.00	SKS	9.5000	76.00	T
Chloride	3.00	SKS	28.0000	84.00	T
Handling	250.00	SKS	1.0500	262.50	T
Mileage (25)	25.00	MILE	10.0000	250.00	T
250 sks @5.04 per sk perm i					
Squeeze	1.00	JOB	580.0000	580.00	T
Mileage pmp trk	25.00	MILE	2.8500	71.25	T

All Prices Are Net, Payable 30 Days Following  
Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of \$545.05  
ONLY if paid within 30 days from Invoice Date

Subtotal: 2725.25  
Tax.....: 160.79  
Payments: 0.00  
Total....: 2886.04

545.05  
2,340.99

*Handwritten signature*

AUG 25 1999

RECEIVED  
AUG 27 1999

ORIGINAL