

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

Operator: License # 5134Name: Graham-Michaelis Corp.Address P. O. Box 247City/State/Zip Wichita, KS 67201Purchaser: KochOperator Contact Person: Jack L. YingerPhone (316) 264-8394Contractor: Name: Maier Well ServiceLicense: 31073

Wellsite Geologist: _____

Designate Type of Completion
____ New Well ____ Re-Entry X Workover

____ Oil ____ SWD ____ S1OW ____ Temp. Abd.
____ Gas X ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: Graham-Michaelis Corp.Well Name: Greene #5-27Comp. Date 8/24/83 Old Total Depth 3450'

____ Deepening ____ Re-perf. X Conv. to Inj/SWD
____ Plug Back ____ PSTD
____ Commingled ____ Docket No. ____
____ Dual Completion ____ Docket No. ____
X Other (SWD or Inj?) Docket No. E-26,839

WO

10/8/93 10/20/93
Spud Date Date Reached TD Completion Date

API NO. 15- 141-20,1760001 ORIGINALCounty OsborneC - NE - NW - SW Sec. 27 Twp. 10S Rge. 15W X E2310 Feet from S (circle one) Line of Section4310 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)Lease Name Greene Well # 5-27 INJ WELLField Name Ruggles SouthProducing Formation Lansing, Topeka, ConglomerateElevation: Ground 1848' KB 1853'Total Depth 3450' PSTD _____Amount of Surface Pipe Set and Cemented at 240' Feet

Multiple Stage Cementing Collar Used? ____ Yes ____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 0'feet depth to 900' w/ 170 sx cmt.Drilling Fluid Management Plan REWORK 8/27 3-2-94
(Data must be collected from the Reserve Pit)Chloride content RECEIVED bblsDewatering method used KANSAS CORPORATION COMMISSIONLocation of fluid disposal if hauled offsite 11-23-93
NOV 23 1993Operator Name CONSERVATION DIVISIONLease Name WICHITA, KS License No. _____

____ Quarter Sec. ____ Twp. ____ S Rng. ____ E/W

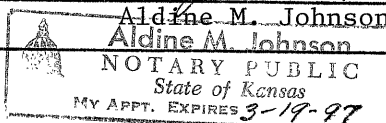
County _____ Docket No. _____

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. YingerTitle Jack L. Yinger, Vice President Date 11/17/93Subscribed and sworn to before me this ____ day of November 19 93.Notary Public Aldine M. Johnson

Date Commission Expires _____



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

SIDE TWO

Operator Name Graham-Michaelis Corp.Lease Name GreeneWell # 5-27 INJ. WELLSec. 27 Twp. 10S Rge. 15W☐ EastCounty Osborne☒ 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.)☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ NoList All E.Logs Run: RA GUARD☐ Log

Formation (Top), Depth and Datum

☐ Sample

Name

Top

Datum

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"		240'		170	
Production		4-1/2"		3449'		200	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☒ Perforate				
☒ Protect Casing	900'	60/40, comm	250	6% gel, 3% cc
☐ Plug Back TD	500'	60/40, comm	240	6% gel, 3% cc
☐ Plug Off Zone	375'	60/40, comm	175	6% gel, 3% cc

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
	Original perforations:		
	2746-49, 3006-09, 3035-38, 3053-55;		
	3084-86, 3097-99, 3124-26, 3172-74;		
	3200-03, 3356-59		

TUBING RECORD	Size 2-3/8"	Set At 3332'	Packer At 3332'	Liner Run ☐ Yes ☐ No
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Will notify KCC when injection commences.				
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Production Interval

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

1309

Phone 913-483-2627, Russell, KS
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

8134

Home Office P. O. Box 31

Russell, Kansas 67665

old

TO: Graham Michaelis Corporation
P. O. Box 232
Russell, Kansas 67665

INVOICE NO. 65187
PURCHASE ORDER NO. _____
LEASE NAME Greene #5 Inj
DATE Oct. 17, 1993

SERVICE AND MATERIALS AS FOLLOWS:

Common 125 sks @\$5.75 \$ 718.75
Po mix 50 sks @\$3.00 150.00
Gel 4 sks @\$7.00 28.00
Chloride 2 sks @\$25.00 50.00
Sand 2 sks @\$5.00 10.00

Handling 175 sks @\$1.00 175.00
Milage (26) @\$0.04c per s 182.00
Pmp. trk. chg. circulate 430.00
MI @\$2.25 pmp. trk. 58.50

S. Tax 845.50
106.33

Squeezed to 500

If Account CURRENT a
Discount of \$ 360.45
will be Allowed ONLY if
paid Within 30 Days from
Date of Invoice.

D. A. Block
THANK YOU

RECEIVED
OCT 29 1993
Total \$ 1,908.58
- 360.45
1548.13

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1% Charged Thereafter.

15-141-20176-00-01

RECEIVED
KANSAS CORPORATION COMMISSION
11-23-93
NOV 23 1993

CONSERVATION DIVISION
WICHITA, KS

Date <u>10-17-93</u>	Sec. <u>27</u>	Twp. <u>10</u>	Range <u>15</u>	Called Out <u>11:00AM</u>	On Location <u>12:30AM</u>	Job Start <u>1:00PM</u>	Finish <u>4:00PM</u>
Lease <u>Greene</u>	Well No. <u>#5 Inj</u>	Location <u>Natoma 1E1S</u>	County <u>Osborne</u>	State <u>Kansas</u>			
Contractor <u>Maier Well Service</u>				Owner <u>Same</u>			
Type Job <u>Circulated</u>				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Hole Size		T.D.		Charge To <u>Graham Michaelis Corp.</u>			
Cg. <u>4 1/2"</u>		Depth		Street <u>P.O. Box 232</u>			
Tbg. Size		Depth		City <u>Russell</u> State <u>Kan</u> 67665			
Bridge plug <u>4 1/2"</u>		Depth <u>466'</u>		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool		Depth		Purchase Order No. _____			
Cement Left in Cg.		Shoe Joint		X <u>German Robin</u>			
Press Max.		Minimum		CEMENT <u>2 SKS SAND</u>			
Mens Line		Displace		Amount Ordered <u>125 SKS 10/40 Per 1c 7.6c</u>			
Perf. @ <u>375'</u>				Consisting of <u>50 SKS COM 38 CC</u>			
EQUIPMENT				Common <u>125</u> 575 718.75			
#177 No.	Cement	M. Karpman		Pos. Mix <u>50</u> 300 150.00			
Pumperk	Helper	Will H.		Gel. <u>4</u> 200 28.00			
No.	Cement			Chloride <u>2</u> 25.00 50.00			
Pumperk	Helper			Quicksat			
#160	Driver	Paul D.		Sand <u>2</u> 5.00 10.00			
Bulktrk	Driver	Jason C.		Sales Tax			
Bulktrk #213	Driver			Handling <u>100</u> 175.00			
DEPTH of Job				Milage <u>26m</u> .04 182.00			
Reference #	PUMP TRK		430.00	Sub Total <u>1313.75</u>			
	235 Per mile 26m		58.50	Total			
	Sub Total		488.50	Flowing Equipment			
	Tax						
	Total						
Remarks: <u>Ran Bride plug to 466'</u> <u>spotted 2 sks sand down 4 1/2" casing</u> <u>Mixed 175 sks cement stayed &</u> <u>Squeezed to 500 # left cement @</u> <u>375'</u>							

(Signature)

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

1309

TO: Graham Michaelis Corporation
Box 232
Russell, Kansas 67665

INVOICE NO. 65139
PURCHASE ORDER NO. _____
LEASE NAME Green #5
DATE Oct. 13, 1993

SERVICE AND MATERIALS AS FOLLOWS:

Common 170 sks @\$5.75	\$ 977.50
Pozmix 80 sks @\$3.00	240.00
Gel 7 sks @\$7.00	49.00
Chloride 7 sks @\$25.00	175.00
Sand 2 sks @\$5.00	10.00
Handling 250 sks @\$1.00	250.00
Mileage (26) @\$0.04c per sk per mi	260.00
Squeeze	525.00
Mi @\$2.25 pmp. trk.	58.50

\$ 1,451.50

S. Tax

1,093.50
150.16

Total

\$ 2,695.16 ✓

509.00
2,186.16

If Account CURRENT a
Discount of \$ 509.00
will be Allowed ONLY if
paid within 30 Days from
date of Invoice.

D.A. Clark
THANK YOU

pay 11/5/93

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2 % Charged Thereafter.

RECEIVED
KANSAS CORPORATION COMMISSION

11-23-93
NOV 23 1993

CONSERVATION DIVISION
WICHITA, KS

Phone 913-483-2627, Russell, KS
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

8152

Date 10-13-93 27 Sec 10s 15W Range 7:15AM 9:00AM On Location 9:15AM 3:00PM
Lease GREEN Well No. #5 Location NATOMA 2E 2 S County OSBORNE State KANSAS

Contractor TOM MAIER Well Service

Type Job CIRCULATE Cement & Squeeze

Hole Size 4 1/2" T.D.

Cg. 4 1/2" Depth

Tbg. Size 2" Depth

Tool SPECIAL Din Tools Depth 789'

Cement Left in Cg. 2,000# Shoe Joint

Press Max. 2,000# Minimum 500#

Mass Line @ 900' Displace

Perf. @ 900'

EQUIPMENT

No.	Cement	Helper
#172		
No.	Cement	Helper
#160		
No.	Cement	Helper
#213		

DEPTH of Job
Reference: Pump Truck Chrg 525.00
2.25/PER MILE 58.50
Sub Total
Tax
Total 583.50

Remarks: BRIDE Plug @ 2700' Set Packer @ 1196 & Test Tools To 2,000#
& Held. Released Packer & Spot 2sk Sand. Came up To 789' & Took RTG
OF 3 1/2 Bbl/Per Min @ 1,000#. ANNULAS HAD SLIGHT Blow. Mixed Cement, STAGGED
& Squeezed @ 1500#. WASHED Around Tool, & RAN 2STS To WASH CSG CLEAN
Rechecked Squeeze To 1500# & Held. Came out w/ Packer, Put on
4 1/2 SWABE, Pressured CSG To 500#, & SHUT IN.

Owner

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish
cement and helper to assist owner or contractor to do work as listed.

Charge To GRAHAM MICHAELIS

Street Box 232

City Russell State Kansas

The above was done to satisfaction and supervision of owner agent or
contractor.

Purchase Order No. X Newman Road

2SK SAND CEMENT

Amount Ordered 200sk 40 bbl Gel 32cc / 50sk Com

Consisting of 3% CC

Common 170 @ 5.75 977.50

Poz. Mix 80 @ 3.00 240.00

Gel. 7 @ 7.00 49.00

Chloride 7 @ 25.00 175.00

Quicksert 2 @ 5.00 10.00

Sand 2 @ 5.00 10.00

Handling 2 @ 1.00 2.00

Mileage 26 / Sk / mile 260.00

Sub Total

Total 1961.50

Flooding Equipment

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

8155

Russell, Kansas 67665

TELEPHONE:
AREA CODE 913 253 2627

INVOICE NO. 65139
PURCHASE ORDER NO. _____
LEASE NAME Greene 5-77
DATE Oct. 14, 1993

Common 164 sks @\$5.75	\$ 943.00	
Pozmix 76 sks @\$3.00	228.00	
Gel 7 sks @\$7.00	49.00	
Chloride 2 sks @\$25.00	<u>50.00</u>	\$ 1,270.00
Handling 240 sks @\$1.00	240.00	
Mileage (26) @\$0.04c per sk per mi	249.60	
Squeeze	430.00	
Mi @\$2.25 pmp. trk.	<u>58.50</u>	
		978.10
		<u>837.44</u>
	444.62	
	Total	\$ 2,330.74

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED

NOV 19 1993

Graham-Michaelis Corp
Wichita Kansas

For Jack Yinger

ALLIED CEMENTING CO., INC. Home Office P. O. Box 31 Russell, Kansas 67665 8155																																																													
Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish																																																						
10-14-93	27	30	15	8:30AM	10:00AM	10:30AM	1:40PM																																																						
Case GREENE	Well No. 527	Location Natoma 2E 2S		County Osborne		State KANSAS																																																							
Contractor Maier Well Service				Owner Same																																																									
Type Job Squidge				To Allied Cementing Co. Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.																																																									
Hole Size 7 7/8		T.D.																																																											
Log 4 1/2		Depth																																																											
Log Size 2"		Depth 385																																																											
Drill Pipe		Depth																																																											
Tool Special		Depth 385																																																											
Cement Left in Csg.		Shoe Joint																																																											
Press Max.		Minimum																																																											
Meas Line		Displace																																																											
Perf. 500																																																													
EQUIPMENT																																																													
Pumpjack #177		Cement		Driver Phil																																																									
Pumpjack #155		Cement		Driver Phil																																																									
Bulktrk #160		Driver		Driver Phil																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">DEPTH of Job</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>Reference</td> <td></td> <td></td> <td>430.00</td> </tr> <tr> <td></td> <td>225 Per Mile</td> <td></td> <td>68.50</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Sub Total</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Tax</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Total</td> <td>488.50</td> </tr> </tbody> </table>										DEPTH of Job				Reference			430.00		225 Per Mile		68.50							Sub Total				Tax				Total	488.50																								
DEPTH of Job																																																													
Reference			430.00																																																										
	225 Per Mile		68.50																																																										
		Sub Total																																																											
		Tax																																																											
		Total	488.50																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Amount Ordered</th> <th colspan="2">CEMENT</th> </tr> </thead> <tbody> <tr> <td></td> <td>190 SK 60/40 6 90 GEL</td> <td></td> <td>50 SK Com 32</td> </tr> <tr> <td colspan="4">Consisting of</td> </tr> <tr> <td>Common</td> <td>164 @ 575</td> <td></td> <td>943.00</td> </tr> <tr> <td>Poz. Mix</td> <td>76 @ 320</td> <td></td> <td>243.20</td> </tr> <tr> <td>Gel.</td> <td>7 @ 702</td> <td></td> <td>491.40</td> </tr> <tr> <td>Chloride</td> <td>2 @ 25.00</td> <td></td> <td>50.00</td> </tr> <tr> <td>Quickset</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">Sales Tax</td> </tr> <tr> <td>Handling</td> <td>@ 1.00</td> <td></td> <td>240.00</td> </tr> <tr> <td>Mileage</td> <td>44 1/2 @ 1.00/mile</td> <td></td> <td>249.00</td> </tr> <tr> <td colspan="2">(26)</td> <td>Sub Total</td> <td></td> </tr> <tr> <td colspan="2">Flooding Equipment</td> <td>Total</td> <td>1759.60</td> </tr> </tbody> </table>										Amount Ordered		CEMENT			190 SK 60/40 6 90 GEL		50 SK Com 32	Consisting of				Common	164 @ 575		943.00	Poz. Mix	76 @ 320		243.20	Gel.	7 @ 702		491.40	Chloride	2 @ 25.00		50.00	Quickset				Sales Tax				Handling	@ 1.00		240.00	Mileage	44 1/2 @ 1.00/mile		249.00	(26)		Sub Total		Flooding Equipment		Total	1759.60
Amount Ordered		CEMENT																																																											
	190 SK 60/40 6 90 GEL		50 SK Com 32																																																										
Consisting of																																																													
Common	164 @ 575		943.00																																																										
Poz. Mix	76 @ 320		243.20																																																										
Gel.	7 @ 702		491.40																																																										
Chloride	2 @ 25.00		50.00																																																										
Quickset																																																													
Sales Tax																																																													
Handling	@ 1.00		240.00																																																										
Mileage	44 1/2 @ 1.00/mile		249.00																																																										
(26)		Sub Total																																																											
Flooding Equipment		Total	1759.60																																																										
Remarks:																																																													

RECEIVED
CORPORATION COMMISSION
11-23-93
NOV 23 1993
CONSERVATION DIVISION
WICHITA, KS