

15-163-23067-00-00

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SIDE ONE

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

API NO. 15- 163-23.067
County Rooks
CNW NW SE Sec. 33 Twp. 10 Rge. 20W X East West
2310 Ft. North from Southeast Corner of Section
2210 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Veatch "A" Well # 1-33
Field Name Trico
Producing Formation Topeka
Elevation: Ground 2125' KB 2131'
Total Depth 3242' PBDT _____

Operator: License # 5134
Name: Graham-Michaelis Corporation
Address P. O. Box 247

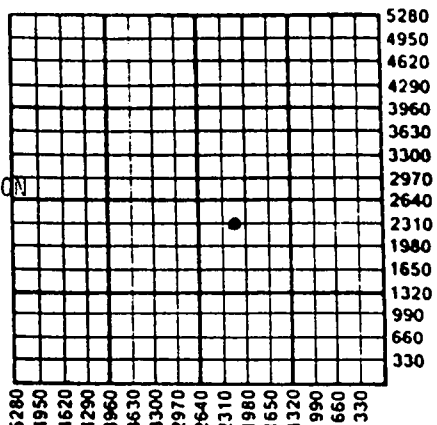
City/State/Zip Wichita, KS 67201
Purchaser: Koch
Operator Contact Person: Jack L. Yinger
Phone (316) 264-8394
Contractor: Name: Red Tiger Drilling
License: 5302

Wellsite Geologist: Joel Alberts
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
11-12-89 11-18-89 1/12/90
Spud Date Date Reached TD Completion Date

RECEIVED
STATE CORPORATION COMMISSION
1-24-1990
JAN 24 1990
CONSERVATION DIVISION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 233.03 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set DV tool set at 1201' Feet
If Alternate II completion, cement circulated from 1201'
feet depth to Surface w/ 400 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Jack L. Yinger, Vice President Date 1/23/90
Subscribed and sworn to before me this 23rd day of January,
19 90.
Notary Public Aldine M. Johnson
Aldine M. Johnson
Date Commission Expires _____

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
 Wireline Log Received
C Drillers Timelog Received
Distribution
 KEC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Aldine M. Johnson
NOTARY PUBLIC
State of Kansas
MY APPL. EXPIRES 3-19-93

SIDE TWO

Operator Name Graham-Michaelis Corporation Lease Name Veatch "A" Well # 1-33
 East County Rooks
 Sec. 33 Twp. 10 Rge. 20W 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description
 Log Sample
 Name Top Bottom
 Topeka 3152 -1021

DST 3170-92', 30-45-60-45, rec. 100' GIP,
 10' mud & wtry cut oil, 10' sli
 oil cut wtry mud, 60' speckled
 mud & wtr. IF 22-32, FF 44-56;
 ISIP 565, FSIP 522.

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	12 1/2	8 5/8	23#	233	60/40 poz	145	3%cc, 2% gel
production	7 7/8	4 1/2	10 1/2#	3239	common	125	
DV tool set @ 1201' cemented with				common		400	6% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
Shots Per Foot	Specify Footage of Each Interval Perforated						
2	3182-86'			6250 gallons 15% NE		perfs	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size		Set At	Packer At				
2-3/8"		3195'					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
1/12/90							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	15		60				

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67685

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

Phone Plainville 913-434-2812
Phone Ness City 913-798-3842

ALLIED CEMENTING CO., INC. *New* No. 7531

Home Office P. O. Box 31 Russell, Kansas 67685

TO: Graham Michaelis Corporation
Box 232
Russell, Kansas 67665

INVOICE NO. 55286
PURCHASE ORDER NO. _____
LEASE NAME Veatch A 1-33
DATE Nov. 18, 1989

Date	11-18-89	Sec.	33	Twp.	10 ^s	Range	20 ^w	Called Out	8:45 P.M.	On Location	10:45 P.M.	Job Start	2:30 A.M.	Finish	3:30 A.M.
Lease	Veatch "A"	Well No.	1-33	Location	Palca 25 1/4 E 1/4 N	County	Rooks	State	Ks						

Contractor Red Tiger Drilling Co. Rig #8
Type Job Two-Stage Production String
Hole Size 2 1/8" T.D. 3240'
Csg. 4 1/2" Depth 3239'
Size 8 7/8" Depth 233'
Drill Pipe _____ Depth _____
Tool _____ Depth _____
Cement Left in Csg. 41' Shoe Joint 41.42'
Press Max. 800# Minimum _____
Meas Line _____ Displace X
Perf. _____

Owner Same
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 Corp.
Street P.O. Box 232
City Russell State Ks 67665
The above was done to satisfaction and supervision of owner agent or contractor
Purchase Order No. _____
X Norman Rardin
CEMENT

SERVICE AND MATERIALS AS FOLLOWS:

Common 125 sks @\$5.00	\$ 625.00	
S&T 13 sks @\$4.75	<u>61.75</u>	\$ 686.75
Handling 125 sks @\$0.90	112.50	
Mileage (23) @\$0.03c per sk per mi	86.25	
Two stage bottom	838.00	
Mi @\$1.00 pmp. trk.	<u>23.00</u>	1,059.75
1-2 stage collar	2,267.00	
1 g. shoe	104.00	
1 AFU	161.00	
1 basket	108.00	
3 cent.	123.00	
3 scratchers	<u>60.00</u>	2,823.00
Float held		\$ 4,569.50

RECEIVED

NOV 27 1989

Graham-Michaelis Corp
If account OPEN with 20% discount cash
be allowed ONLY if paid within 30 days
from date of invoice.

THANK YOU
PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

EQUIPMENT

Pumpjack	No. 191	Cementor	Gary H.
		Helper	Wayne Mc.
Pumpjack	No. _____	Cementor	
		Helper	
		Driver	Glen C.
Bulktrk	#100	Driver	

Amount Ordered	125 sks com 10% salt	
Consisting of		
Common	125 sks @ \$5.00/sk	625.00
Poz. Mix		
Gel.		
Chloride		
Quicksat		
Salt - 13 sks @ 4.75/sk		61.75
Handling @ 90¢/sk (125 sks)		112.50
Mileage @ 0.34¢/sk/mi (23 mi)		86.25
Sub Total		885.50
Total		885.50

DEPTH of Job

Reference #3	Pumpjack-bottom stage	838.00
#14	mileage @ 1.00/mi	23.00
Sub Total		861.00
Tax		
Total		861.00

Remarks: Float Held.

Flating Equipment 4 1/2"
1- two stage collar (Arrow) - \$ 2267.00
1- regular guide shoe - 104.00
1- AFU insert (Model "C") - 161.00
1- cementing basket - 108.00
3 - centralizers 4 1/2" - 123.00
3 - reciprocating scratchers: 60.00
20.00 = \$ 2823.00

Thanks

RECEIVED
STATE CORPORATION COMMISSION
2-1-1990
FEB 1 1990
CONSERVATION DIVISION
Wichita, Kansas

15-163-23067-00-00

1309
ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

New
ALLIED CEMENTING CO., INC. No. 7532

Home Office P. O. Box 31

Russell, Kansas 67665

11-17-89

11-18-89

Date	11-18-89	Sec.	33	Twp.	10 ^s	Range	20 ^w	Called Out	8:45 P.M.	On Location	10:45 P.M.	Job Start	3:40 A.M.	Finish	4:30 A.M.
Lessee	Veatoh "A"	Well No.	1-33	Location	Palca	85 1/4 E 1/4 N						County	Rooks	State	Ks.

Contractor	Red Tiger Drilling Co.	City	Argo	Owner	Same
Type Job	Two-Stage Production String	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish consumables and helper to assist owner or contractor to do work as listed.			
Hole Size	7 7/8"	T.D.	3240'	Charge To	Graham-Michaelis Corp.
Csg.	4 1/2"	Depth	3239'	Street	P.O. Box 232
Sub Size	8 7/8"	Depth	233'	City	Russell
Drill Pipe		Depth		State	Ks. 67665
Tool	D.V.	Depth	1200'	The above was done to satisfaction and supervision of owner agent or contractor	
Cement Left in Csg.	41'	Shoe Joint	41'	Purchase Order No.	
Press Max.	1200 #	Minimum		X	Norman Pauline
Meas Line		Displace	X	CEMENT	
Perf.				Amount Ordered	400 sks com 6 bag gel.

EQUIPMENT		No.	Cement	
Pumpjack	191	Helper	Gary H. Wayne Mo.	
Pumpjack		Helper		
Bulktrk	#146	Driver	Ed K.	
Bulktrk		Driver		

DEPTH of Job		
Reference:	#3 Pumptruck-top stage	450.00
	#14 mileage	N/C.
	Sub Total	450.00
	Tax	
	Total	

Remarks:	D.V. tool opened & closed O.K. & Held. Cement Circulated. Plugged rat hole w/15 sks
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Thanks

15-163-23067-00-00

TO: Graham Michaelis Corporation
Box 232
Russell, Kansas 67665

INVOICE NO. 55285
PURCHASE ORDER NO. _____
LEASE NAME Veatoh A 1-33
DATE Nov. 18, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 400 sks @ \$5.00	\$ 2,000.00	
Gel 22 sks @ \$6.75	148.50	\$ 2,148.50
Handling 400 sks @ \$0.90	360.00	
Mileage (23) @ \$0.03c per sk per mi	276.00	
Two stage top	450.00	1,086.00
Total		\$ 3,234.50
		- 646.94
		<u>2,587.60</u>

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

RECEIVED

NOV 27 1989

THANK YOU

D. R. C. Cook

Graham-Michaelis Corp.
Wichita Kansas

ALL PRICES ARE NET. PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 15 PERCENT CHARGED THEREAFTER

RECEIVED
STATE COURT CLERK'S OFFICE
2-1-1990
FEB 1 1990

CONSELTATION DIVISION
Wichita, Kansas

15-9
ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
 RUSSELL, KANSAS 67665

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

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3842

ALLIED CEMENTING CO., INC. No. 7463

Home Office P. O. Box 31
 Russell, Kansas 67665

NEW

TO: Graham Michaelis Corporation
Box 232
Russell, Kansas 67665

INVOICE NO. 55211
 PURCHASE ORDER NO. _____
 LEASE NAME Veatch A #133
 DATE Nov. 12, 1989

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
11-12-89	33	10	20	10:00 AM	12:00 Noon	3:45 PM	4:15 PM
Lease	Well No.	Location		County		State	
Veatch	"A" #133	Palco 8S 4E 4N		Rooks		Kansas	

Contractor Red Tiger Drlg R. 98
 Type Job Surface

Hole Size <u>12 1/2"</u>	T.D. <u>237'</u>
Cap. <u>8 3/4"</u>	Depth <u>237'</u>
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Cap. <u>15'</u>	Shoe Joint
Press Max.	Minimum
Meas Line	Displace

Owner Same
 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.

Charge To Graham Michaelis Corporation
 Street Box 232
 City Russell State Kansas
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____
 X Kenneth Lyle

SERVICE AND MATERIALS AS FOLLOWS:

Common 87 sks @\$5.00	\$ 435.00
Pozmix 58 sks @\$2.25	130.50
Gel 3 sks @\$6.75	20.25
Chloride 4 sks @\$20.00	80.00
<hr/>	
Handling 145 sks @\$0.90	130.50
Mileage (23) @\$0.03c per sk per mi	100.05
Surface	360.00
Mi @\$1.00 pmp. trk.	23.00
1 plug	40.00

\$ 665.75

 653.55

Total \$ 1,319.30
 - 263.86
1,055.44

If account OPEN 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

Cement circ.

W. H. Kaufman
 THANK YOU

EQUIPMENT

#	No.	Cementor	Helper
#177		<u>W. H. Kaufman</u>	
Pumpert			
	No.	Cementor	Helper
Pumpert			
		Driver	
Bulktrk			
Bulktrk			

Amount Ordered 145 SKS 60/40 Poz 32cc 26cc

Consisting of

Common	87 SKS @ 5.00	435.00
Poz. Mix	58 SKS @ 2.25	130.50
Gel.	3 SKS @ 6.75	20.25
Chloride	4 SKS @ 20.00	80.00
Quicket		

DEPTH of Job

Reference #	Description	Quantity
#	<u>Pump, Trk</u>	<u>360.00</u>
	<u>1- 8 3/4" Plug</u>	<u>40.00</u>
	<u>1.00 Mile</u>	<u>23.00</u>
	Sub Total	
	Tax	
	Total	<u>423.00</u>

Handling @ 90¢ 130.50
 Mileage 3¢/SK/MiE 100.05

Sub Total _____
 Total 896.30

Remarks:
Cement Circulated

Thanked

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

STATE OF KANSAS
 RECEIVED
 2-1-1990
 FEB 1 1990
 CONSERVATION DIVISION
 Wichita, Kansas

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