

Plugged 12-9-96

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

ORIGINAL

API NO. 15- 163-232910000
County _____ Rooks _____
C - NE - SW - NW Sec: 12 Twp. 9S Rge. 16W XX W

Operator: License # 31514

1650' Feet from S (circle one) Line of Section

Name: Thoroughbred Associates, LLC

990' Feet from E (circle one) Line of Section

Address 10 Colonial Court

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

City/State/Zip Wichita, Kansas 67207

Lease Name Graham Well # #1

Purchaser: N/A

Field Name _____

Operator Contact Person: Robert C. Patton

Producing Formation N/A

Phone (316) 685-1512

Elevation: Ground 2068' KB 2073'

Contractor: Name: Shields Drilling Co., Inc.

Total Depth 3505' PBDT _____

License: 5184

Amount of Surface Pipe Set and Cemented at 217' KB _____ Feet

Wellsite Geologist: Robert C. Patton

Multiple Stage Cementing Collar Used? _____ No

Designate Type of Completion

If yes, show depth set _____ Feet

XX New Well _____ Re-Entry _____ Workover _____

If Alternate II completion, cement circulated from _____

Oil _____ SWD _____ SLOW _____ Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

Gas _____ ENHR _____ SIGW _____

XX Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan D&A JX, 3-19-97
(Data must be collected from the Reservoir Pit)

If Workover:

Chloride content _____ ppm Fluid volume _____ bbls

Operator: _____

Dewatering method used _____

Well Name: _____

Location of fluid disposal if hauled offsite: _____

Comp. Date _____ Old Total Depth _____

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____

Plug Back _____ PBDT _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

12-02-96 _____ 12-09-96 _____ 12-09-96 _____

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

Spud Date _____ Date Reached TD _____ Completion Date _____

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 [Signature]

Title Managing Partner Date 12-10-96

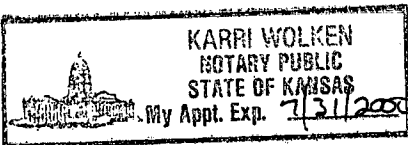
Subscribed and sworn to before me this 10th day of December, 19 96.

Notary Public [Signature]
Karri Wolken

Date Commission Expires July 31, 2000

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

Form ACO-1 (7-91)



12/31/96

Operator Name Thoroughbred Associates, LLC Lease Name Graham Well # 1
 Sec. 12 Twp. 9S Rge. 16W East County Rooks 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run: Radiation Guard Log			

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	12-1/4"	8-5/8"	24#	217'	60-40 pozmix	140 140	2% gel, 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. D&A			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 N/A Bbls.	Gas N/A Mcf	Water N/A 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

Production Interval Other (Specify) _____

ORIGINAL

OPERATOR: Thoroughbred Associates, LLC
LEASE NAME: Graham #1
LOCATION: C NE SW NW, Sec. 12-T09S-R16W
Rooks County, Kansas
API#: 15-163-232910000

DST #1 3296-3338 ("F" & "G" zones) 30-60-45-60. Died in 35". Rec. 10' ocm, no wtr. FP 56-56/56-56#. SIP 611/565#.

DST #2 3400-3505 ("J" & "K" zones) 30-45-30-60. Rec. 1' free oil and 14' mud. Fp 59-59/59-59#. SIP 660/492#.

LOG TOPS

Anhydrite	1307' +766
B.Anhydrite	1344' +729
Wreford	2194' -121
Tarkio	2799' -726
Heebner	3180' -1107
Toronto	3207' -1134
Lansing	3226' -1153
RTD	3505' -1432
LTD	3505' -1432

12/31/26
11 a.m. 10:31 p.m. 11
RECEIVED
KANSAS COMMISSION
193 DEC 31 P 12 11



Shields

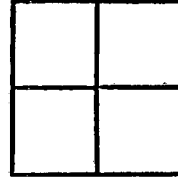
Russell, Kansas

15-103-2329-00-00 WELL LOG

ORIGINAL

Operator: Thoroughbred Associates
Well: Graham #1
Commenced: December 2, 1996
Completed: December 9, 1996
Contractor: Shields Drilling Co.

Well Description: NE SW NW



Sec. 12-9S-16W
Rooks Co., Kansas

Elevation: 2,073' K.B.

Treatment:

Production: D & A

Tops:

CASING RECORD

Size	Run	Pulled
8 5/8"	217'	Cmtd w/140 sax

..... Figures Indicate Bottom of Formations

Shale	220'
Sand & shale	1,307'
Anhydrite	1,344'
Shale	2,962'
Shale & lime	3,185'
Lime	3,504' RTD

RECEIVED
KANSAS CORP CO. 111
1996 DEC 31 P. 12:11
12/31/21

P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: R

15-163-23291-00-00

DATE <u>10-3-96</u>	SEC. <u>12</u>	TWP. <u>9S</u>	RANGE <u>16W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASEE <u>Graham</u>	WELL# <u>1</u>	LOCATION <u>Natoma 2W 4 1/2 N 1W 2 N</u>		COUNTY <u>Rooks</u>	STATE <u>Ks</u>		

OLD OR NEW (Circle one)

CONTRACTOR Shields Drig

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 220

CASING SIZE 8 1/2 DEPTH 217

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10 1/2 24 1/2 13 BBL

PERFS.

OWNER 4E 4S

CEMENT

AMOUNT ORDERED 140 60 3% CC 2% gel

100 com 4% CC

COMMON 123 @ 16 1/2 = 2000 30

POZMIX 82 @ 3 1/2 = 283 32

GEL 4 @ 9 50 = 380 00

CHLORIDE 6 @ 28 = 168 00

HANDLING 252 00

MILEAGE 4 @ 75 = 300 00

TOTAL 1812 00

SERVICE 123 00

EQUIPMENT

153 Dave

PUMP TRUCK CEMENTER

HELPER Mark

BULK TRUCK DRIVER

DRIVER Jason

REMARKS:

Cement in cellar but dropped down

Round trip for more cement

Filled up w/ 65 sk.

CHARGE TO: Thoroughbred Associates Inc

STREET 10 Colonial Court

CITY Wichita STATE Kansas ZIP 67207

DEPTH OF JOB

PUMP TRUCK CHARGE 445 00

EXTRA FOOTAGE @ 285

MILEAGE 36 @ 285 = 102 60

PLUG 8 5/8 S.W. @ 15 = 125 00

TOTAL 592 60

FLOAT EQUIPMENT

TOTAL

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Burton Beery

TAX

TOTAL CHARGE

DISCOUNT **IF PAID IN 30 DAYS**



Shields

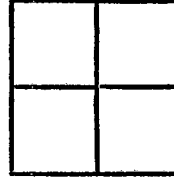
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Russell, Kansas

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RECEIVED
KANSAS CORP COM
1996 DEC 18 A 12:39
76/8/1/21