

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31514

Name: Thoroughbred Associates, LLC

Address 1: 8100 E. 22nd St. No.

Address 2: B

City: Wichita State: KS Zip: 67226 + \_\_\_\_\_

Contact Person: Robert C. Patton, Managing Partner

Phone: (316) 685-1512

CONTRACTOR: License # 5123

Name: Pickrell Drilling Company, Inc.

Wellsite Geologist: Kevin Davis

Purchaser: Plains Marketing

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     SWD     SIOW
- Gas     ENHR     SIGW
- CM (Coal Bed Methane)     Temp. Abd.
- Dry     Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, 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

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled    Docket No.: \_\_\_\_\_

Dual Completion    Docket No.: \_\_\_\_\_

Other (SWD or Enhr.?)    Docket No.: \_\_\_\_\_

<u>9/5/08</u>	<u>9/18/08</u>	<u>9/18/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 025-21,465 -0000

Spot Description: \_\_\_\_\_

NE SE SW Sec. 2 Twp. 30 S. R. 22  East  West

980 Feet from  North /  South Line of Section

2420 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Clark

Lease Name: McCautland Well #: 1

Field Name: \_\_\_\_\_

Producing Formation: Mississippian

Elevation: Ground: 2432 Kelly Bushing: 2437

Total Depth: 5475 Plug Back Total Depth: 5409

Amount of Surface Pipe Set and Cemented at: 722@730 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/ \_\_\_\_\_ <sup>sq cmt</sup> Alt- Dig - 11-15-09

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

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. R. \_\_\_\_\_  East  West

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 of 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: Robert C. Patton

Title: Managing Partner Date: 4/24/09

Subscribed and sworn to before me this 24th day of April

09

Notary Public: Karri Knox

Date Commission Expires: \_\_\_\_\_

**KARRI KNOX-WOLKEN**  
Notary Public - State of Kansas  
My Appt. Expires 9/23/09

**KCC Office Use ONLY**

Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

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Operator Name: Thoroughbred Associates, LLC Lease Name: McCausland Well #: 1  
 Sec. 2 Twp. 30 S. R. 22  East  West County: Clark

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <i>micro log, Sonic, Dual Induction, Compensated Density / Neutron PE                  Dual Receiver Cement Bond</i>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  See Attached
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CASING RECORD <input checked="" 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	29	730	A-Con	200	3%cc, 2%Metzalite
					Poz-Mix	150	2%gel, 3%cc
Production		4-1/2	10.5	5469	AA2	150	w/5%calset, 5%FLA

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5353-5358	500 gls 15% MCA	
			<b>RECEIVED</b> <b>NOV 12 2009</b> <b>KCC WICHITA</b>

TUBING RECORD: Size: <u>2-3/8"</u> Set At: _____ Packer At: <u>5274</u>		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>3/18/09</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf <u>10</u>	Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>5353-5358</u>
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Customer: <u>Thoroughbred</u>	Lease No.:	Date: <u>9-5-08</u>
Lease: <u>McCaullard</u>	Well # <u>1</u>	
Field Order # <u>18963</u>	Station <u>Pratt</u>	Casing <u>8-7/8 29"</u> Depth <u>733</u> County <u>Clay</u> State <u>KS</u>
Type Job <u>CNW-Surf</u>	Formation:	Legal Description <u>2-30-23</u>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <u>8-7/8 29"</u>	Tubing Size	Shots/Ft <u>200</u>	Acid <u>200</u>	Pre Pad	Acid <u>200</u>	RATE	PRESS	ISIP
Depth <u>732</u>	Depth	From <u>140</u>	To <u>60</u>	Pad	Max <u>1.05</u>			5 Min.
Volume <u>116</u>	Volume	From	To	Frac	Min			10 Min.
Max Press	Max Press	From	To		Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <u>715</u>	Packer Depth	From	To	Flush <u>45 bbl</u>	Gas Volume			Total Load

Customer Representative: Mike Horn Station Manager: Dave Scott Treater: Steve Orlando

Service Units	<u>27783</u>	<u>17842</u>	<u>17889</u>	<u>19831</u>	<u>19861</u>
Driver Names	<u>Orlando</u>	<u>Koshoff</u>	<u>Seaman</u>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00 PM					On location - 5 min. Monitor
					Ran 1831 8-7/8 29" casing
					Casing on bottom
					Bank 3, 15 min 51"
					Bank 4 w/r
11:20	400		5	0.5	11:20 All good
11:30	400		91	5	Max 2000 Acid 10" 6/1
11:40	300		33	5	Max 1500 6/40 per @ 147"/col
					Shot down
					Rate stop
11:50	0		0	0	Shot Deployment
12:00	350		45		Plug down - 11-10
					Job complete
					1 bank 51"
					1 bank 51"

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# BASIC

energy services

Pratt

THOROUGHbred ASSOCIATES  
 8100 E 22ND STREET NO BLDG 600  
 SUITE F  
 WICHITA KS 67226  
 ATTN: KARRI KNOX

PAGE 1 of 2	CUST NO 1970-THO021	INVOICE DATE 09/19/2008
INVOICE NUMBER <b>1970002531</b>		10/2/08

LEASE NAME McCaustland  
 WELL NO. 1  
 COUNTY Clark  
 STATE KS  
 JOB DESCRIPTION Cement-New Well Casing/Pipe:  
 JOB CONTACT KARRI KNOX

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
1970-02537	301			Net 30 DAYS	10/19/2008
For Service Dates: 09/18/2008 to 09/18/2008					
1970-02537					
1970-18745 Cement-New Well Casing 9/18/08					
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Pump Charge-Hourly		1.00	Hour	2880.000	2,880.00
Depth Charge; 5001'-6000'		1.00	EA	250.000	250.00
Cementing Head w/Manifold		1.00	EA	330.000	330.00
Plug Container Utilization Charge		1.00	EA	370.000	370.00
Cement Float Equipment		8.00	EA	85.000	680.00
Auto Fill Float Shoe		175.00	DH	1.400	245.00
Cement Float Equipment		110.00	DH	7.000	770.00
Latch Down Plug and Baffle		448.00	DH	1.600	716.80
Cement Float Equipment		55.00	Hour	4.250	233.75
Turbolizer		71.00	EA	7.500	532.50 T
Mileage		106.00	EA	5.150	545.90 T
Blending and Mixing Service Charge		750.00	EA	0.670	502.50 T
Mileage		500.00	EA	0.860	430.00 T
Heavy Equipment Mileage		769.00	EA	0.500	384.50 T
Mileage		25.00	EA	12.000	300.00 T
Proppant and Bulk Delivery Charges		150.00	EA	17.000	2,550.00 T
Pickup					
Unit Mileage Charge(Pickups, Vans, or Cars)					
Additives					
FLA-322					
Additives					
Gas-Blok					
Additives					
Gilsonite					
Additives					
Mud Flush					
Additives					
Salt					
Cement					
60/40 POZ					
Cement					
AA2 Cement					

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Lease No. \_\_\_\_\_ Date **9-18-06**  
 Well # \_\_\_\_\_  
 Station **PRATT** Casing **1 1/2** Depth \_\_\_\_\_ County **CLARK** State **KS.**  
 Field Order # **18795** Formation \_\_\_\_\_ Legal Description **2-30-72**  
 Type Job **CAL-LS**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
4 1/2		<b>CAT.</b>		<b>150% H<sub>2</sub>O<sub>2</sub></b>			Max 5 Min.	
Depth	Volume	From	To	Pre Pad	Max		10 Min.	
		From	To	Pad	Min		15 Min.	
Max Press	Annulus Vol.	From	To	Frac	Avg		HHP Used	
		From	To				Annulus Pressure	
Well Connection	Packer Depth	From	To	Flush	Gas Volume		Total Load	
		From	To					

Customer Representative **MIKE KERN** Station Manager **STEVE** Treater **BOBBY DEAR**  
 Service Units: 19860, 19906, 19826, 19860  
 Names: **DAVE**, **SHARLINE**, **BOB/DAVE**

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					ON LOCATION / SAFETY MEETING
2:30					Run CSB. / CUM. 2, 4, 6, 8, 10, 12, 14, 16
3:10					CSB. ON BOTTOM
3:45					HOOK UP TO CSB. / BACK CIRC. W/ RIG
4:07	4000		12	5.0	WELL FLUSH
4:10	4000		3	5.0	H <sub>2</sub> O
4:03	3000		40	5.5	MAX CUM. TO 15.0# / CUM.
4:26					RELEASE PLUG - 1" LHM PLUG 4 LINES
4:28	1500			6.0	START DISP.
4:31	3000		55	5.5	LIFT PRESSURE
4:40	1500		80		PLUG DOWN
4:45			4		PLUG RAT HEXE
					CIRCULATION THRU JOBS
					JOB COMPLETE
					THANKS BOBBY

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**Pratt**

**B I L L T O**  
 THOROUGHbred ASSOCIATES  
 8100 E 22ND STREET NO BLDG 600  
 SUITE F  
 WICHITA KS 67226  
 ATTN: KARRI KNOX

**J O B S I T E**

**LEASE NAME** McCaustland  
**WELL NO.** 1  
**COUNTY** Clark  
**STATE** KS  
**JOB DESCRIPTION** Cement-New Well Casing/Pipe:  
**JOB CONTACT** KARRI KNOX

9/15/08

<b>PAGE</b> 1 of 2	<b>CUST NO</b> 1970-THO021	<b>INVOICE DATE</b> 09/08/2008
<b>INVOICE NUMBER</b> <b>1970002480</b>		

<b>JOB #</b> 1970-02487	<b>EQUIPMENT #</b> 301	<b>PURCHASE ORDER NO.</b>	<b>TERMS</b> Net 30 DAYS	<b>DUE DATE</b> 10/08/2008
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	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 09/05/2008 to 09/05/2008</b>				
<b>1970-02487</b>				
<b>1970-18963 Cement-New Well Casing 9/5/08</b>				
Pump Charge-Hourly <i>Depth Charge; 501'-1000'</i>	1.00	Hour	1200.000	1,200.00
Cementing Head w/Manifold <i>Plug Container Utilization Charge</i>	1.00	EA	250.000	250.00
Cement Float Equipment <i>8 5/8" Basket</i>	2.00	EA	315.000	630.00
Cement Float Equipment <i>Flapper Type Insert Float Valves</i>	1.00	EA	280.000	280.00
Cement Float Equipment <i>Top Rubber Cement Plug</i>	1.00	EA	225.000	225.00
Mileage <i>Blending and Mixing Service Charge</i>	350.00	DH	1.400	490.00
Mileage <i>Heavy Equipment Mileage</i>	110.00	DH	7.000	770.00
Mileage <i>Proppant and Bulk Delivery Charges</i>	872.00	DH	1.600	1,395.20
Pickup <i>Unit Mileage Charge(Pickups, Vans, or Cars)</i>	55.00	Hour	4.250	233.75
Additives <i>Cello-flake</i>	88.00	EA	3.700	325.60 T
Calcium Chloride	951.00	EA	1.050	998.55 T
Cement <i>60/40 POZ</i>	150.00	EA	12.000	1,800.00 T
Cement <i>A-Con Blend Common</i>	200.00	EA	18.000	3,600.00 T
Supervisor <i>Service Supervisor Charge</i>	1.00	Hour	175.000	175.00

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Attachment to ACO-1

OPERATOR: Thoroughbred Associates, LLC  
LEASE NAME: McCaustland #1  
LOCATION: NE SE SW, 980'FSL; 2420'FWL  
Sec. 2-T30S-R22W  
Clark County, Kansas  
API#: 15-025-214650000

**DST #1 5224-5346** (Miss) 30-60-60-90. Rec. 110' gcm; GTS in 2<sup>nd</sup> open, too small to measure.  
Fp 65-54/46-56#. SIP 438/433#. HP 2619/2474#.

**DST #2 5340-5367** (Miss) 30-60-30-60. IF: strong blow BOB in 10 secs; gts in 22 minutes; ISI: no blow; FF: strong blow BOB in 30 secs; FSI: weak blow, built to 1/2". Rec. 400' total fluid, 4943' gip; 40'socgm, 10% g; 5% oil; 85% mud; 120' g&hocm, 20% g, 40% o, 40% mud; 120' sw&mco, 40% g, 45% o, 10% wtr, 5% mud; 90' sgw&mco, 20% g, 65% o, 10% wtr, 5% m; and 30' sw. FP 102-113/134-167#. SIP 1046/948#. HP 1656/2572#. Final flow gas rates: 10" 25 mcf; 20" 24 mcf; and 30" 23 mcf.

LOG TOPS

Heebner	4402'	-1965
Brown Lime	4565'	-2128
Stark	4925'	-2488
BKC	5028'	-2591
Pawnee	5124'	-2687
Cherokee Sh	5173'	-2736
Miss	5312'	-2875
LTD	5475'	

E-LOGS

Micro Log  
Sonic Log  
Dual Induction Log  
Compensated Density/Neutron PE  
Dual Receiver Cement Bond Log  
Geo Report

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# THOROUGHBRED ASSOCIATES

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November 10, 2009

Kansas Corporation Commission  
130 S. Market, Room 2078  
Wichita, Kansas 67202

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KCC WICHITA

RE: API #15-025-214650000  
McCaustland #1  
980' FSL; 2420' FWL  
Sec. 2-T30S-R22W  
Clark County, Kansas

Dear Sirs:

Enclosed herewith are the following for the above-captioned well:

- (1) Two original ACO-1's
- (2) Copies of all cement jobs performed
- (3) Complete set of all logs

Please hold the information pertaining to this well confidential for two years. If you should need any additional information, please do not hesitate to call.

Sincerely,

THOROUGHBRED ASSOCIATES

  
Karri Knox Wolken