

JUN 21 2011

CONSERVATION DIVISION
WICHITA, KS

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

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: Bldg. 600, Suite F
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: N/A

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
11/21/06 12/04/06 12/04/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 025-21,387-0000
Spot Description: _____
SE NW NE Sec. 14 Twp. 30 S. R. 22 East West
1,240 Feet from North / South Line of Section
1,730 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Clark
Lease Name: Halling "B" Well #: 1
Field Name: _____
Producing Formation: N/A
Elevation: Ground: 2409 Kelly Bushing: 2414
Total Depth: 5501 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 727' @ 722' 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 cmt.

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 #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

AFFIDAVIT
I am the affiant and I hereby certify that 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: 06/20/11

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dag Date: 7/1/11

Operator Name: Thoroughbred Associates, LLC Lease Name: Halling "B" Well #: 1
 Sec. 14 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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center;"> RECEIVED KANSAS CORPORATION COMMISSION JUN 21 2011 CONSERVATION DIVISION WICHITA, KS </div>
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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"	24#	722'	Lite	250	3%cc w1/4#FS/sx

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or ENHR. _____	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: <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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Attachment to ACO-1

OPERATOR: Thoroughbred Associates, LLC
LEASE NAME: Halling "B" #1
LOCATION: SE NW NE, 1240'FNL & 1730'FEL
Sec. 14-T30S-R22W
Clark County, Kansas
API#: 15-025-213870000

DST #1 5288-5372 (Morrow Sand) No times reported, 5 gas increases from 10-55 units over background. 5342' GIP. Rec. 420' gwcm, 24% w, 30% m, 46% g; 720' gmw, 20% m, 20% w, 60% gas; 180' gmco, 4% m, 28% g, 28% w, 40% oil; 120' gocw, 10% g, 20% oil, 70% w; 240' ocw, 10% oil, 90% w; 660' sw. FP 281-654/694-1051#. SIP 1164/1169#. 2692/2621#.

DST #2 5298-5367 (Morrow Sand) GTS, too small to measure 55 min into final shut-in. 30-45-60-60. Rec. 2320' total fluid, 82% slwcm, 10% w, 90% m; 496' hg&ocwm, 20% g, 30% oil, 30% w, 20% m; 558' hgcm&ocw, 50% g, 10% oil, 30% w, 10% m; 1184' slmcw, 95% w, 5% m. FP 251-649/710-1055#. SIP 1174/1174#.

LOG TOPS

Heebner	4394'	-1980
Brown Lime	4565'	-2151
Stark	4936'	-2522
BKC	5043'	-2629
Pawnee	5141'	-2727
Cherokee Sh	5193'	-2779
Morrow Sh	5301'	-2887
Morrow SS	5340'	-2926
Miss	5368'	-2954
LTD	5501'	

E-LOGS

Micro Log
Sonic Log
Dual Induction Log
Dual Compensated Porosity Log
Geological Report

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 21 2011

COMMUNICATIONS DIVISION
WICHITA, KS

JUN 21 2004

ALLIED CEMENTING CO., INC.

2390

CONSERVATION DIVISION
WICHITA, KS
REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Creek

DATE <i>11/21/06</i>	SEC <i>A</i>	FWP <i>30s</i>	RANGE <i>22 W</i>	CALL LETTER <i>W:30 RUL</i>	ON LOCATION <i>3:00 PM</i>	JOB START <i>5:00 PM</i>	JOB FINISH <i>8:00 PM</i>
LEASE <i>HALLINGS</i>	WELL # <i>B-1</i>	LOCATION <i>BUCKLIN, SOUTH TO Co. Line</i>	COUNTY <i>CLARK</i>	STATE <i>KANSAS</i>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)	<i>20 WEST, 1 SOUTH, 1 WEST, 1 SOUTH</i>						

CONTRACTOR *PICUREL #10* OWNER *THOROUGH BRED ASSOC.*

TYPE OF JOB *SURFACE CASTING*

HOLE SIZE <i>12 1/4"</i>	T.D. <i>724'</i>
CASING SIZE <i>8 3/8"</i>	DEPTH <i>724'</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>700#</i>	MINIMUM
MEAS. LINE	SHOE JOINT <i>4-19'</i>

CEMENT AMOUNT ORDERED

250# 6S:3S:6 + 3% CC + 1% #150-SEAL
100# CLASS A + 3% CC + 2% #150

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *4 1/2 BBLs WATER*

COMMON A	<i>100</i>	@	<i>10.65</i>	<i>1065.00</i>
POZMIX		@		
GEL	<i>2</i>	@	<i>16.65</i>	<i>33.30</i>
CHLORIDE	<i>8</i>	@	<i>46.60</i>	<i>372.80</i>
ASC		@		
ALW	<i>250</i>	@	<i>9.95</i>	<i>2487.50</i>
FLO-SEAL	<i>63#</i>	@	<i>2.00</i>	<i>126.00</i>
		@		
		@		
		@		
		@		
HANDLING	<i>376</i>	@	<i>1.90</i>	<i>714.40</i>
MILEAGE	<i>376 X 60</i>	@	<i>.09</i>	<i>2030.40</i>
TOTAL				<i>6839.40</i>

EQUIPMENT

PUMP TRUCK CEMENTER *BOUN B*

44-302 HELPER *CURT W.*

BULK TRUCK

21-251 DRIVER *GREG C.*

BULK TRUCK

DRIVER

REMARKS:

CON 8 3/8" CEMENT + BREAK CIRCULATION
PUMP 5 BBLs FRESH WATER
250# 6S:3S:6 + 3% CC + 1% #150-SEAL
100# CLASS A + 3% CC + 2% #150
DISPLACE PUG. TO 687' BBL
CEMENT DRO. CIRCULATE
FLOAT DRO. HOLD!

CHARGE TO: *THOROUGH BRED ASSOC.*

STREET

CITY *WICHITA* STATE *KANSAS*

SERVICE

DEPTH OF JOB	<i>724'</i>		
PUMP TRUCK CHARGE 0-300'		@	<i>315.00</i>
EXTRA FOOTAGE <i>424'</i>		@	<i>65</i>
MILEAGE <i>60</i>		@	<i>6.00</i>
MANIFOLD		@	
HEAD RENTAL		@	<i>100.00</i>
		@	
TOTAL			<i>550.00</i>

PLUG & FLOAT EQUIPMENT

8 3/8"

1-AFU INSERT	@	<i>325.00</i>	<i>325.00</i>
1-BASKET	@	<i>180.00</i>	<i>180.00</i>
1-TAP	@	<i>100.00</i>	<i>100.00</i>
	@		
	@		
TOTAL			<i>605.00</i>

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 *X Mike Kern*

TAX

TOTAL CHARGE *605.00*

DISCOUNT *605.00* IF PAID BY C/D

Mike Kern
PRINTED NAME

