

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 31514
 Name: Throughbred Associates, L.L.C
 Address: 8100 E 22nd St. N. Bldg. 600 Ste. F
 City/State/Zip: Wichita, KS 67226
 Purchaser: N/A
 Operator Contact Person: Robert C. Patton
 Phone: (316) 685-1512
 Contractor: Name: Pickrell Drilling Co., Inc.
 License: 5123
 Wellsite Geologist: Robert Patton
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>8-8-2002</u>	<u>8-20-2002</u>	<u>9-23-2002</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

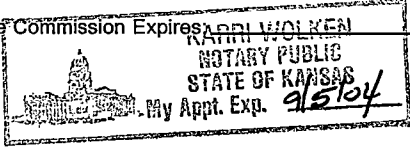
API No. 15 - 15-033-21,327-0000
 County: Comanche
C NW SE Sec. 15 Twp. 32 S. R. 19 East West
1980' feet from S N (circle one) Line of Section
1980' feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Herd Well #: 4
 Field Name: N/A
 Producing Formation: N/A
 Elevation: Ground: 2022' Kelly Bushing: 2017'
 Total Depth: 5910' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 726' 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 ACT 1 3-21-03
 (Data must be collected from the Reserve Pit) DPW
 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.: _____

RECEIVED
 KANSAS CORPORATION COMMISSION
 12-16-02
DEC 16 2002
 CONSERVATION DIVISION
 WICHITA, KS

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: [Signature]
 Title: Managing Partner Date: _____
 Subscribed and sworn to before me this 22 day of October
 192002
 Notary Public: [Signature]
 Date Commission Expires: Sept. 5, 2004



KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: 12-18-02
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

15-033-21327-0000

Side Two

Operator Name: Throughbred Associates, L.L.C Lease Name: Herd Well #: 4
 Sec. 15 Twp. 32 S. R. 19 East West County: Comanche

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 type="checkbox"/> Yes <input checked="" 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: See Attachment	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Log Name</td> <td style="width:40%;">Formation (Top), Depth and Datum</td> <td style="width:30%;">Sample Datum</td> </tr> <tr> <td>See Attachment</td> <td></td> <td></td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> <p>RECEIVED KANSAS CORPORATION COMMISSION DEC 16 2002 12-16-02 CONSERVATION DIVISION WICHITA, KS</p> </div>	Log Name	Formation (Top), Depth and Datum	Sample Datum	See Attachment		
Log Name	Formation (Top), Depth and Datum	Sample Datum					
See Attachment							

CASING RECORD New <input type="checkbox"/> Used <input checked="" type="checkbox"/>							
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
See Attachment							

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	Yes	No

Date of First, Resumed Production, SWD or Enhr.	Producing Method			
	Flowing	Pumping	Gas Lift	Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Sumit ACO-18.) Other (Specify) _____

Attachment to ACO-1

OPERATOR: Thoroughbred Associates, LLC
LEASE NAME: Herd #4
LOCATION: C NW SE, 1980' FSL 1980' FEL
Sec. 15-T32S-R19W
Comanche, County, Kansas
API# : 15-033-213270000

List of all E. Logs Run:

Sonic Log
Dual Induction Log
Compensated Neutron Density
Micro Log
Geologists Report

Casing Record:

Conductor: Set 100' of 20" csg.

Surface : Drid 12 1/4" hole to 448' and lost circ. Dry drld 12 1/4" hole to 726;. Ran 16 jst. Of new 8 5/8" 23# surface set @ 692'. Cmt w/100sx Lite, 3% CC w 1/4# FC, followed by 100sx Class A 2% gel 3% CC. Cmt did not circ. Cmt dodwn backside w/175sx Lite, 3%CC w/1/4#FC.

Heebner	4263' -2241
Brown Lime	4440' -2418
Lansing	4462' -2440
Stark	4762' -2740
Marmaton	4932' -2910
Altamont	4974' -2952
Cherokee	5063' -3041
Mississippi	5146' -3124
Cowley	5375' -3353
Viola-Dol.	5814' -3792
RTD	
LTD	5840'

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 16 2002
12-16-02
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

10113

Federal Tax I.D.# 48-0727860

MIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

15-033-2127-0000

SERVICE POINT:

Medicine, DG.

8-7-02	SEC. 15	TWP. 32s	RANGE 19W	CALLED OUT 2:30 P.M.	ON LOCATION 3:30 P.M.	JOB START 8:00 P.M.	JOB FINISH 9:00 P.M.
SE Herd	WELL # 4	LOCATION Coldwater Carwash			COUNTY Comanche	STATE KS	
D OR <u>NEW</u> (Circle one)		2w 1s 1/2w 1/10					

CONTRACTOR Pickrell #1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 725
 CASING SIZE 8 7/8 DEPTH 692
 CASING SIZE DEPTH
 RILL PIPE 4 1/2 DEPTH 725
 HOLE DEPTH
 RES. MAX 150 MINIMUM 4005
 CAS. LINE SHOE JOINT 43.25
 CEMENT LEFT IN CSG. 43.25 FT
 BRFS.

OWNER Thoroughbred Assoc.

CEMENT
 AMOUNT ORDERED 275sx 65' 35' 6" + 3% CC + 1/4" # Flo-Seal 100sx A" + 3% CC + 2% Gel

COMMON	100	@	6.65	665.00
POZMIX		@		
GEL	2	@	10.00	20.00
CHLORIDE	13	@	30.00	390.00
ALW-275		@	6.30	1732.50
FloSeal-69"		@	1.40	96.60
HANDLING	404	@	1.10	444.40
MILEAGE	43	@		694.88

DISPLACEMENT Fresh H₂O 4 1/2 BBL'S
 EQUIPMENT
 PUMP TRUCK CEMENTER David W.
302 HELPER Dwayne W.
 WALK TRUCK DRIVER Robert L.
 WALK TRUCK DRIVER

MILEAGE RECEIVED
 KANSAS CORPORATION COMMISSION

TOTAL \$ 4043.38

DEC 16 2002

12-16-02
 CONSERVATION DIVISION SERVICE
 WICHITA, KS

REMARKS:

Pipe on Bottom will not lift ✓
 Pump 100sx 65' 35' 6" + 3% CC + 1/4" # FloSeal
 Pump 100sx A + 3% CC + 2% Gel
 Displace w/ Fresh H₂O slow Rate
 Pump Plug Shutt in Cement Did not lift
 top out w/ 175sx 65' 35' 6" + 3% CC + 1/4" # Flo-Seal
 OK DWKCC

DEPTH OF JOB	692			
PUMP TRUCK CHARGE	0-300'			520.00
EXTRA FOOTAGE	392'	@	.50	196.00
MILEAGE	43	@	3.00	129.00
PLUG RUBBER		@	100.00	100.00

TOTAL \$ 945.00

CHARGE TO: Thoroughbred Assoc.

STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

1-Baffle Plate	@	45.00	45.00
2-Basket	@	180.00	360.00
	@		
	@		

TOTAL \$ 405.00

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.

TAX -0-
 TOTAL CHARGE \$ 5393.38
 DISCOUNT \$ 539.34 IF PAID IN 30 DAYS

SIGNATURE x Mike Kern

x Mike Kern
 PRINTED NAME

Net \$ 4854.04

ALLIED CEMENTING CO., INC.

10117

Federal Tax I.D.# 48-0727860

15-033-21327-0000

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine L.D.

DATE 8-20-02	SEC. 15	TWP. 32S	RANGE 19W	CALLED OUT 2:00 P.M.	ON LOCATION 6:00 P.M.	JOB START 1:10 A.M.	JOB FINISH 2:10 A.M.
LEASE Herd	WELL # 4	LOCATION Coldwater Cadwash			COUNTY Comanche	STATE KS	
OLD OR <u>NEW</u> (Circle one)		2W 1S 1/2W 1/4 N TO					

CONTRACTOR Picknell #1 OWNER Thoroughbred & Assoc.

TYPE OF JOB Prod. Csg. CEMENT

HOLE SIZE 7 7/8 T.D. 5910 AMOUNT ORDERED 215sx ASC + 5# Kol Seal + .5% FI-160 25sx 60' 40' 10'

CASING SIZE 5 1/2 DEPTH 5925

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 5910

TOOL DEPTH

PRES. MAX 1500 MINIMUM 13.10 COMMON 15 @ 6.65 99.75

MEAS. LINE SHOE JOINT 13.10 POZMIX 10 @ 3.55 35.50

CEMENT LEFT IN CSG. 13.10 GEL 1 @ 10.00 10.00

PERFS. CHLORIDE @

DISPLACEMENT KCl Water 142 BBS ASC-215 @ 8.50 1827.50

EQUIPMENT

Kol Seal 1075 # @ .50 537.50

FL-160 100 # @ 8.00 800.00

HANDLING 288 @ 1.10 316.80

MILE RECEIVED 3 @ 165.16 495.36

KANSAS CORPORATION COMMISSION

DEC 16 2002

12-16-02

CONSERVATION DIVISION SERVICE
WICHITA, KS

TOTAL # 4122.41

REMARKS:

Pipe on Bottom Break C.M.C.
Pump 12 BBS, Mud Clean Plug Rat + Mouse
w/ 25sx 60' 40' 10' Pump 215sx ASC +
5# Kol-Seal + .5% FI-160 Wash Pump
w/ Lines Displace w/ KCl Water slow.
Rate Bump Plug float Dick Hold
Wash up Rig Down.

DEPTH OF JOB 5925

PUMP TRUCK CHARGE 1428.00

EXTRA FOOTAGE @

MILEAGE 43 @ 3.00 129.00

PLUG @

@

@

TOTAL 1557.00

CHARGE TO: Thoroughbred & Assoc.

STREET

CITY STATE ZIP

5/2

FLOAT EQUIPMENT

1-AFU Float Shoe 263.00 263.00

1-Latch Down Plug @ 350.00 350.00

8-Centralizers, @ 50.00 400.00

2-Baskets @ 128.00 256.00

@ 256.00

@

TOTAL 1141.00

1269.00

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.

TAX -

TOTAL CHARGE 682.04

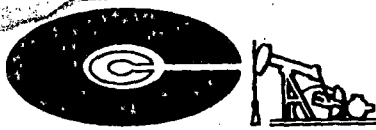
DISCOUNT 682.04 IF PAID IN 30 DAYS

SIGNATURE x Mike Kern

x Mike Kern

PRINTED NAME

Net # 6138.37



CLARKE CORPORATION • P.O. BOX 187 •
 MEDICINE LODGE, KANSAS 67104 • A.C. 620 886-5665
 FAX (620) 886-9855
 WATTS 1-(800)-371-1843

15-033-2327-0000

CALL FOR FILE #
 AND FOR FILE #
 368 E. 35TH ST.
 WICHITA, KS 67202

THOROUGHbred ASSOC.
 8100 E. 22ND ST. NORTH
 BLDG 600 STE F
 WICHITA, KS 67226

INVOICE NO.
 00084590

PAGE 2

INVOICE DATE	CUSTOMER NO.	LEASE	FIELD ORDER NO.	
08/23/02	0653	HERD #4	77553	
DATE	TICKET NO.	DESCRIPTION	AMOUNT	
08/12/02		7.50 HRS AT \$3.000 FUEL CHARGE	\$22.50*	
08/15/02	12425	1.50 HRS AT \$42.000 HAULED 80 BBLS. OFF RESERVE PIT TO HARMON SWD	\$63.00*	
08/15/02		80.00 BBLS AT \$0.160 HARMON DISPOSAL CHARGE	\$12.80*	
08/15/02		1.50 HRS AT \$2.520 FUEL CHARGE	\$3.78*	
			SALES TAX \$.00	
CURRENT	OVER 30 DAYS	OVER 60 DAYS	OVER 90 DAYS	TOTAL DUE
				\$864.12

Thank You!

A 0.0 % PER MONTH SERVICE CHARGE (18.0 % PER ANNUM)
 WILL BE CHARGED ON ALL ACCOUNTS OVER 30 DAYS PAST DUE

PLEASE PAY FROM THIS INVOICE.

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 KANSAS CORPORATION COMMISSION

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 CONSERVATION DIVISION
 WICHITA, KS