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**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

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.: \_\_\_\_\_

**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

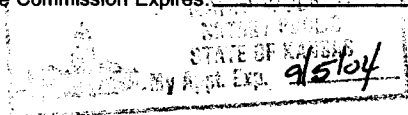
19 2002

Notary Public: [Signature]

Date Commission Expires: Sept. 5, 2004

**KCC Office Use ONLY**

Any Letter of Confidentiality Attached  
If Denied, Yes ☒ No ☐ Date: 12-18-02  
☒ Wireline Log Received  
☒ Geologist Report Received  
☐ UIC Distribution



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 ☐ Yes ☒ No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken Yes ☒ No

Electric Log Run ☒ Yes ☐ No  
 (Submit Copy)

List All E. Logs Run:

See Attachment

Log Formation (Top), Depth and Datum Sample  
 Name Top Datum  
 See Attachment

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 KANSAS CORPORATION COMMISSION

DEC 16 2002

CONSERVATION DIVISION  
 WICHITA, KS

CASING RECORD New <input checked="" 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
See Attachment							

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

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☐ 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 : Drild 12 1/4" hole to 448' and lost circ. Dry drild 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'

5906

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