

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

Operator: License # 31514

Name: Thoroughbred Associates, LLC

Address 8100 E. 22nd St. No.

Bldg. 600, Suite F

City/State/Zip Wichita, Kansas 67226

Purchaser: TransCanada Energy Marketing

Operator Contact Person: Robert C. Patton

Phone (316) 685-1512

Contractor: Name: Pickrell Drilling Co., Inc.

License: 5123

Wellsite Geologist: Paul Gunzelman

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, ~~Reservoir~~ Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

08-16-00 08-28-00 09-21-00
Spud Date Date Reached TD Completion Date

API NO. 15- 033-211270000

County Comanche

E/2 - SW - SW - Sec. 31 Twp. 31S Rge. 19W

660 Feet from S (circle one) Line of Section

990 Feet from E/W (circle one) Line of Section

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

Lease Name Butler Well # #1

Field Name _____

Producing Formation Miss.

Elevation: Ground 2140' KB 2145'

Total Depth RTD 6000' LTD 6000' PBDT

Amount of Surface Pipe Set and Cemented at 709' 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 ALT 1 97 01-16-01
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal, if ~~has~~ site: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter SEC 31 Twp. 31S Rng. 19W E/W

County _____ Docket No. _____

CONFIDENTIAL

KCC

CONFIDENTIAL

STATE CORPORATION COMMISSION

RECEIVED
12-08-2000
DEC 8 2000

CONSERVATION DIVISION
Wichita, Kansas

RELEASED

DEC 17 2001

FROM CONFIDENTIAL

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 _____

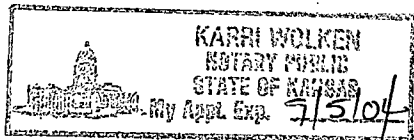
Title Managing Partner, Robert C. Patton Date 12-06-00

Subscribed and sworn to before me this 6th day of December, 2000.

Notary Public Karri Wolken

Karri Wolken

Date Commission Expires September 5, 2004



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

X

Operator Name Thoroughbred Associates, LLC Lease Name Butler Well # #1

Sec. 31 Twp. 31S Rge. 19W East County Comanche 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 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:
 Dual Induction Log
 Compensated Density/Neutron PE Log
 Micro Log
 Sonic Log
 Geologist's Report

Log Formation (Top), Depth and Datums Sample

Name Top Datum

See attached.

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
Intermediate	17-1/2"	13-3/8"	54.5#	322'	Lite Class A	175	3%cc, 1/4# FS/sx
Surface	12-1/4"	8-5/8"	23#	709'	Lite Class A	225	3%cc, 1/4# FS/sx
Production		4-1/2"	10.5#	5435'	Lite	100	3%cc, 2% gel
						250	5#CS/sx, 6% FL 10 15sxs RH/10sxs MH

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	5230-5236	750 gls 15% MCA	

TUBING RECORD Size 2-3/8" Set At 5221' Packer At None Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. January 1, 2001 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas 1000 Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval 5230'-5236'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify)

CONFIDENTIAL

ORIGINAL

OPERATOR: Thoroughbred Associates, LLC
LEASE NAME: Butler #1
LOCATION: C E/2 SW SW, 660'FSL & 990'FWL, Sec. 31-T31S-R19W
Comanche County, Kansas
API#: 15-033-211270000

KCC

DEC 06 2000

CONFIDENTIAL

DST #1 4700-4742, 30-60-45-90. IF: BOB in 2-1/2"; strong blow ISIP. 2nd open: BOB 2 seconds; BOB FSIP 30", GTS in 1". Rec. 4700' gip; 60' drlg mud (collars). FP 21-24/17-33#. SIP 1051/1539#. HP 2288/2245#. BHT 112 degrees.

DST #2 4832-4862, 30-60-45-90. IF: BOB in 14"; 2nd open: BOB 7-1/2". Rec. 2330' gip; 110' socgm, 4% oil, 40% gas; and 235' muddy wtr w/scum of oil, 10% mud, 90% wtr. FP 34-94/103-148#. SIP 1705/1547#. HP 2335/2316#. BHT 118 degrees. Shut-in tool leaked in FSIP.

DST #3 5149-5288, 30-60-45-90. IF: BOB in 1.5"; GTS in 14". Initial gauges: 33.2 MCF in 20"; 65.56 MCF in 30"; on 1/4" choke; Final gauges: 235.4 MCF in 10"; 254 MCF in 20"; 285.5 MCF in 30"; 316.8 MCF in 40"; and 341.8 MCF in 45" on 1/2" choke. Rec. 326' gcm, 3% gas. FP 42-134/109-171#. SIP 1694/1719#. HP 2531/2470#. BHT 130 degrees.

LOG TOPS

Wabaunsee	3432'-1287
Heebner	4322'-2177
Lansing	4506'-2361
Stark	4832'-2687
Cherokee	5112'-2967
Mississippi-reworked	5194'-3049
Mississippi-clean	5216'-3071
Viola Lime	5793'-3648
RTD	6000'-3855
LTD	6000'-3855

RELEASED

DEC 17 2001

RECEIVED
STATE CORPORATION COMMISSION

FROM CONFIDENTIAL

DEC 8 2000

CONSERVATION DIVISION
Wichita, Kansas

CONFIDENTIAL

15-033-21127-00-00

ORIGINAL

ALLIED CEMENTING CO., INC. 4165

Federal Tax I.D.

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

DEC 06 2000

SERVICE POINT:

Med Lodge

DATE <i>8-29-00</i>	SEC. <i>31</i>	TWP. <i>31S</i>	RANGE <i>19 W</i>	CALLED OUT <i>2:00 AM</i>	INVOICATION <i>6:00 AM</i>	JOB START <i>12:15 PM</i>	JOB FINISH <i>1:00 PM</i>
LEASE <i>Butler</i>	WELL # <i>1</i>	LOCATION <i>Coldwater 2 N-5 W-15</i>		COUNTY <i>Comanche</i>	STATE <i>KS</i>		
OLD OR <u>NEW</u> (Circle one)		<i>3/4 W into</i>					

CONTRACTOR *Rickeral*

TYPE OF JOB *Production*

HOLE SIZE *7 7/8* T.D. *6008*

CASING SIZE *7 7/8 - 1/2* DEPTH *5435*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *22.96*

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *2% KCL 86 BBLs*

EQUIPMENT

OWNER *Thoroughbred + Assoc.*

CEMENT

AMOUNT ORDERED *25 SK 60-40.6*

250 SK ASC + 5# Kol-Seal +

16% FL-10 12 BBLs Mud Clean

Mix w/ water frk

COMMON	<i>15</i>	@	<i>6.35</i>	<i>95.25</i>
POZMIX	<i>10</i>	@	<i>3.25</i>	<i>32.50</i>
GEL	<i>1</i>	@	<i>9.50</i>	<i>9.50</i>
CHLORIDE		@		
ASC	<i>250</i>	@	<i>8.20</i>	<i>2050.00</i>
KOL-SEAL	<i>1250#</i>	@	<i>.38</i>	<i>475.00</i>
FL-10	<i>141#</i>	@	<i>7.25</i>	<i>1022.25</i>
MUD CLEAN	<i>500 BALS</i>	@	<i>.75</i>	<i>375.00</i>
CLAPRO	<i>9 BALS</i>	@	<i>22.90</i>	<i>206.10</i>
HANDLING	<i>275</i>	@	<i>1.05</i>	<i>288.75</i>
MILEAGE	<i>275 x 49</i>		<i>.04</i>	<i>539.00</i>

PUMP TRUCK CEMENTER *Justin Hart*

352 HELPER *David West*

BULK TRUCK

353-251 DRIVER *Jason T*

BULK TRUCK

DRIVER *Larry D*

RECEIVED
STATE CORPORATION COMMISSION
DEC 8 2000

RELEASED
TOTAL *5093.35*
DEC 17 2000

REMARKS:

Pipe on Bottom, Circ 5 min with swedge, remove swedge Drop Ball Head + Manifold + circ, 30 min pump flush, plug rat + mouse holes Mix 250 SK ASC @ 6 BPM - stop - wash pump + lines - stop - Release plug, Start Disp. @ 6 BPM 15# press @ 50 BBLs slow Rate to 4 BPM, press @ 650# @ 3 BPM Bumped plug latch in @ 1500# that held 86 Disp.

CONSERVATION DIVISION
VICTORIA, Kansas

DEPTH OF JOB *5435*

PUMP TRUCK CHARGE			<i>1290.00</i>
EXTRA FOOTAGE	@		
MILEAGE	<i>49</i>	@	<i>3.00</i>
PLUG	@		
	@		
	@		
TOTAL			<i>1437.00</i>

CHARGE TO: *Thoroughbred + Assoc.*

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<i>1 - Acker shoe</i>	@	<i>1325.00</i>	<i>1325.00</i>
<i>1 - latch down Plug</i>	@	<i>300.00</i>	<i>300.00</i>
<i>5 - Baskets</i>	@	<i>116.00</i>	<i>232.00</i>
<i>8 - Centralizers</i>	@	<i>45.00</i>	<i>360.00</i>
	@		
TOTAL			<i>2217.00</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.

TAX _____

TOTAL CHARGE *8747.35*

DISCOUNT *874.74* IF PAID IN 30 DAYS

7872.61

SWAMPY MARSH

PRINTED NAME

SIGNATURE *R Patton*

CONFIDENTIAL

15-033-21127-00-00

ORIGINAL

ALLIED CEMENTING CO., INC.

4178

Federal Tax I.D.#

KCC

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

DEC 06 2000

SERVICE POINT:

Medicine Lodge

CONFIDENTIAL

DATE 8-16-00	SEC. 31	TWP. 31s	RANGE 19W	CALLED OUT 4:00 Am	ON LOCATION 6:45 Am	JOB START 12:10 pm	JOB FINISH 12:40 pm
LEASE Butter	WELL# 1	LOCATION Coldwater 2N, 5W			COUNTY Comanche	STATE KS.	
OLD OR NEW (Circle one)			1S, 3/4W				

CONTRACTOR Pickrell Drilling
 TYPE OF JOB Conductor
 HOLE SIZE 17 1/2 T.D. 330'
 CASING SIZE 13 3/4 DEPTH 323
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 150 MINIMUM -
 MEAS. LINE SHOE JOINT 4
 CEMENT LEFT IN CSG. 15

OWNER Thoroughbred + Assoc.

PERFS.
DISPLACEMENT BBls freshwater

CEMENT
AMOUNT ORDERED

175 SX 6S:3S:6 + 3%cc + 1/4" flo-seal
100 SX CLASS A + 3%cc + 2%gel

EQUIPMENT

COMMON 100 @ 6.35 635.00

POZMIX @

GEL 2 @ 9.50 19.00

CHLORIDE 9 @ 28.00 252.00

Alw 175 @ 6.00 1050.00

FLO-SEAL 44# @ 1.15 50.60

@

@

HANDLING 275 @ 1.05 288.75

MILEAGE 275 x 49 @ .04 539.00

PUMP TRUCK CEMENTER Carl Balding

261-265 HELPER Stane Winsor

BULK TRUCK

259 DRIVER Mike Rucker

BULK TRUCK

DRIVER

RELEASED

TOTAL \$2834.35

DEC 17 2001

SERVICE

REMARKS:

Pipe on bottom break circulation.
 pump 175 SX 6S:3S:6 + 3%cc + 1/4" flo-seal
100 SX CLASS A + 3%cc + 2%gel
 cement in stop pumps,
 switch valves + Release plug,
 Displace with 47 1/2 BBls freshwater,
 cement did circulate, shut in.

FROM CONFIDENTIAL

DEPTH OF JOB 323

PUMP TRUCK CHARGE 0-300' 470.00

EXTRA FOOTAGE 23' @ .43 9.89

MILEAGE 49 @ 3.00 147.00

PLUG wooden 133/8" @ 70.00 70.00

@

@

TOTAL \$696.89

CHARGE TO: Thoroughbred + Assoc.

STREET

FLOAT EQUIPMENT

CITY STATE ZIP

@

1-Basket @ 250.00 250.00

@

@

@

TOTAL \$250.00

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 \$3781.24

DISCOUNT 378.13 IF PAID IN 30 DAYS

\$3403.11

SIGNATURE Mike Kern

Mike Kern

PRINTED NAME

CONFIDENTIAL

15-033-21127-00-00 ORIGINAL

ALLIED CEMENTING CO., INC.

4179

Federal Tax I.D.#

KCC

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

DEC 06 2001 SERVICE POINT:

Medicine Lodge

CONFIDENTIAL

DATE <u>8-12-00</u>	SEC. <u>31</u>	TWP. <u>31</u>	RANGE <u>19</u>	CALLED OUT <u>11:00 pm</u>	ON LOCATION <u>1:00 Am</u>	JOB START <u>3:45 Am</u>	JOB FINISH <u>4:15</u>
LEASE <u>Butler</u>	WELL# <u>1</u>	LOCATION <u>Coldwater, 2 N, 5 W,</u>			COUNTY <u>Comanche</u>	STATE <u>KS.</u>	
OLD OR <u>NEW</u> (Circle one)			<u>15, 3/4 w into</u>				

CONTRACTOR Pickrell Drilling
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 710
 CASING SIZE 8 7/8 x 24 DEPTH 709
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 500 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT 38.68
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 301s Freshwater

OWNER Thoroughbred + Assoc
 CEMENT AMOUNT ORDERED
225 sx 6S:3S:6+3 1/2 cc + 1/4 Flo-seal
100 sx CLASS A + 3 1/2 cc + 2 1/2 gel
 COMMON A 100 @ 6.35 635.00
 POZMIX _____ @ _____
 GEL 2 @ 9.50 19.00
 CHLORIDE 4 @ 78.00 308.00
ALW 225 @ 6.00 1350.00
FLO-SEAL 56# @ 1.15 64.40
 _____ @ _____
 _____ @ _____
 HANDLING 325 @ 1.01 341.25
 MILEAGE 325 x 49 @ 0.04 637.00

EQUIPMENT
 PUMP TRUCK CEMENTER Carl Balding
#261-265 HELPER Steve Winsor
 BULK TRUCK
#259 DRIVER Mike Rucker
 BULK TRUCK
 # _____ DRIVER _____

RELEASED TOTAL \$3354.65

DEC 17 2001

SERVICE

REMARKS:

FROM CONFIDENTIAL
Pipe on bottom Break circulation.
pump 225 sx 6S:3S:6+3 1/2 cc + 1/4 Flo-seal
+ 100 sx CLASS A + 3 1/2 cc + 2 1/2 gel.
Cement in stop pumps, switch valves.
+ Release plug, Displace w/44 BPLs,
Bump plug & shut in,
Cement did circulate 45 sx

DEPTH OF JOB 710'
 PUMP TRUCK CHARGE 0-300' 470.00
 EXTRA FOOTAGE 410' @ .43 176.30
 MILEAGE 49 @ 3.00 N/C
 PLUG Rubber 8 5/8" @ 90.00 90.00
 _____ @ _____
 _____ @ _____

TOTAL \$1136.30

CHARGE TO: Thoroughbred + Assoc
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

1 Baffle plate @ 45.00 45.00
1 Basket @ 180.00 180.00
 _____ @ _____
 _____ @ _____

TOTAL \$225.00

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 4315.95
 DISCOUNT 431.60 IF PAID IN 30 DAYS
3884.35

SIGNATURE Mike Kern

Mike Kern
 PRINTED NAME