

ORIGINAL

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

API NO. 15- 033-209490000  
County Comanche  
SE - SW - NE Sec. 16 Twp. 32S Rge. 19W E  
X

Operator: License # 31514 **KCC**

660 Feet from S/N (circle one) Line of Section

Name: Thoroughbred Associates, LLC

1980 Feet from E/W (circle one) Line of Section

Address 8100 E. 22nd St. No. **JUL 13 1998**

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

Bldg. 600, Suite F **CONFIDENTIAL**

Lease Name Bird Well # #1

City/State/Zip Wichita, Kansas 67226

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

Purchaser: Cibola Energy Services

Producing Formation Miss.

Operator Contact Person: Robert C. Patton

Elevation: Ground 1986' KB 1991'

Phone (316) 685-1512

Total Depth RTD 5825' PBDT \_\_\_\_\_

Contractor: Name: Pickrell Drilling Co., Inc.

Amount of Surface Pipe Set and Cemented at 657' Feet

License: 5123

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes XX No

Wellsite Geologist: Paul Gunzelman **CONFIDENTIAL**

If yes, show depth set \_\_\_\_\_ Feet

Designate Type of Completion

If Alternate II completion, cement circulated from \_\_\_\_\_

XX New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cm.

XX Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.

XX Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_

XX Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan Att. 1, 10-2-98 etc.  
(Data must be collected from the Reserve Pit)

If Workover: **RECEIVED**  
KANSAS CORPORATION COMMISSION

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Operator: 7-17-98

Dewatering method used \_\_\_\_\_

Well Name: JUL 17 1998

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

XX Deepening \_\_\_\_\_ Re-perf WICHITA Conv. to Inj/SWD

XX Plug Back \_\_\_\_\_ PBDT \_\_\_\_\_

XX Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

XX Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

XX Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator Name \_\_\_\_\_ **RELEASED**

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_ **SEP 28 1998**

12-15-97 01-03-98 01-21-98

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ E/W \_\_\_\_\_

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_ **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 Robert C. Patton

Title Managing Partner, Robert C. Patton Date 07-13-98

Subscribed and sworn to before me this 13th day of July, 19 98.

Notary Public Karri Wolken  
Karri Wolken

Date Commission Expires July 31, 2000

**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)



Operator Name: Thoroughbred Associates, LLC Lease Name Bird Well #        #1       

Sec. 16 Twp. 32S 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:

Log  Formation (Top), Depth and Datums  Sample

Name	Top	Datum
See attached.		

COMMANCHE COUNTY

CASING RECORD <input type="checkbox"/> 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
Surface		8-5/8"	25#	657'	Lite	250	3%cc, 1/4# FS/sx
					Common	100	3%cc, 2% gel
Production		5-1/2"	15.5#	5315'	Class H 50/50	200	500 gls preflush; 2% gel, 10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD <span style="float: right;">.5% FL10 &amp; 5# Kol-seal/sk</span>				
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 ID				
<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	5115-5119; 5093-5104; 5056-5062;	natural

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>5112'</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>April 18, 1998</u>		Producing Method <input checked="" 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 <u>2000</u>	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_

ORIGINAL

~~COPY~~

OPERATOR: Thoroughbred Associates, LLC  
LEASE NAME: Bird #1  
LOCATION: C SE SW, 660'FSL & 2014'FWL, Sec. 16-T32S-R19W  
Comanche County, Kansas  
API#: 15-033-209490000

RECEIVED  
KANSAS CORPORATION COMMISSION

JUL 17 1998

7-17-98  
CONSERVATION DIVISION  
WICHITA, KS

DST #1 4400-4511, 30-45-45-45. IF: Strong blow off bottom of bucket in 1".  
GTS in 4". Initial gas volumes: 4,146,000 CFPD after 10", after 20" - 4730 MCFD;  
after 30" - 5520 MCFD. Shut in for 45". FF: strong blow throughout. Gas  
volumes at 10" into final flow - 5245 MCFD; after 20" - 5842 MCFD; after 30"  
and stabilized - 6,440,000 CFPD. FP 1490-1490/1496-1482#. SIP 1626/1630#.  
HP 2078/2020#.

DST #2 4564-4650 ("H" & "J") 30-45-30-45. IF: Strong blow off bottom of  
bucket in 30 seconds. GTS in 3". Initial gas volumes: 1162 MCFPD after 10";  
after 20" - 1104 MCFPD; after 30" - 1092 MCFPD. FF: spray of water in 5",  
unable to gauge. Rec. 200' gcmw, 390' sw. FP 375-486/385-689#. SIP  
1722/1722#. BHT 134 degrees.

KCC

JUL 13 1998

CONFIDENTIAL

DST #3 4860-4960 (Marmaton/Upper Pawnee) 14-47-50-60. IF: strong blow off  
bottom of bucket in 30 seconds. GTS in 3". After 10" - gauged 9270 MCF.  
Tube leaking, had to shut-in tool. FF: GTS immediately. After 10" - 7875  
MCF; after 20" - 9618 MCF; after 30" - 8572 MCF; after 40" - 8572 MCF; after  
50" - 8572 MCF. Rec. 10' condensate. FP 1296-1497/1266-1397#. SIP 1804/  
1804#. No BHT.

DST #4 5024-5110 (Top of Miss.) 30-45-60-60. IF: strong blow off bottom of  
bucket in 2". GTS in 4". Gas gauges after 10" - 2434 MCF; after 20" -  
2644 MCF; after 30" - 2644 MCF. Slide tool 3' to bottom. Rec. 350' vsgcm.  
FF: gas gauges throughout. After 10" - 2574 MCF; after 20" - 2853 MCF;  
after 30" - 2853 MCF; after 40" - 2853 MCF; after 50" 2853 MCF; and after  
60" - 2783 MCF. FP 557-587/577-598#. SIP 1865/1865#. BHT 108 degrees.

RELEASED

SEP 2 8 1998

LOG TOPS

Heebner  
Toronto  
Lansing  
Top of K.C.  
Stark  
Marmaton  
Cherokee  
Mississippi  
RTD  
LTD

4174'-2183  
4184'-2193  
4364'-2373  
4562'-2571  
4682'-2691  
4850'-2859  
4978'-2987  
5048'-3057  
5825'

FROM CONFIDENTIAL

CONFIDENTIAL

~~CONFIDENTIAL~~

15-033-20949-0000  
**ALLIED CEMENTING CO., INC.**  
**ORIGINAL**  
 KCC

6564

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

JUL 13 1998 SERVICE POINT:

**CONFIDENTIAL** **CONFIDENTIAL**

med. lodge

DATE 12-16-97	SEC. 16	TWP. 32	RANGE 19	CALLED OUT 2:30 A.M.	ON LOCATION 5:15 A.M.	JOB START 10:45 A.M.	JOB FINISH 11:45 A.M.
LEASE Bird	WELL # 1	LOCATION Coldwater Carwash - 3w-1s-		COUNTY Comanche	STATE KS.		
OLD OR <u>NEW</u> (Circle one)				1w- n/s			

CONTRACTOR Pickrell Drilg.  
 TYPE OF JOB Surface Csg.  
 HOLE SIZE 12 1/4 T.D. ~~665~~ 665  
 CASING SIZE 8 5/8 x 24 DEPTH ~~664~~ 664  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 300 MINIMUM 150  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 38 3/5  
 CEMENT LEFT IN CSG. RELEASED  
 PERFS. \_\_\_\_\_  
 SEP 28 1998

OWNER Thorough Bred Assoc. LLC  
 CEMENT

AMOUNT ORDERED 250sxs. ALW + 3% CACL2  
1/4# Flo-Seal. 100sxs. CLASS A + 3% CACL2  
2% Gel.

COMMON A	100	@	6.35	635.00
POZMIX		@		
GEL	2	@	9.50	19.00
CHLORIDE	12	@	28.00	336.00
ALW	250	@	6.00	1500.00
Flo-Seal	63#	@	1.15	72.45
		@		
		@		
HANDLING	350	@	1.05	367.50
MILEAGE	350 x 45		.04	630.00

EQUIPMENT FROM CONFIDENTIAL

PUMP TRUCK CEMENTER Army Dreiling  
 # 233-302 HELPER Justin Hart  
 BULK TRUCK  
 # 257-251 DRIVER James Holt  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

RECEIVED  
 KANSAS CORPORATION COMMISSION

TOTAL \$ 3559.95

REMARKS:

JUL 17 1998  
 7-17-98

SERVICE

Pipe on Bottom - Break Circ.  
mix + Pump 250sxs. ALW + 3% CACL2  
1/4# Flo-Seal. 100sxs. CLASS A + 3% CACL2  
2% Gel. Release Plug Pump + Displace  
Plug w/ 39 1/2 Bbbs. Fresh H<sub>2</sub>O. Bump  
Plug Shutt. In. Cement Circ. to L  
Surface.

DEPTH OF JOB	<del>665</del> <u>665'</u>			
PUMP TRUCK CHARGE	0-300'			470.00
EXTRA FOOTAGE	365'	@	.43	156.95
MILEAGE	45	@	2.85	128.25
PLUG Rubber	85/8	@	90.00	90.00
		@		
		@		

TOTAL \$ 845.20

CHARGE TO: Thorough Bred Assoc. LLC  
 STREET 10 COLONIAL COURT  
 CITY WICHITA STATE KANSAS ZIP 67207

FLOAT EQUIPMENT

1- Baffle Plate	@	135.00	135.00
1- Sawtooth Shoe	@	340.00	340.00
1- Basket	@	200.00	200.00
	@		
	@		

TOTAL \$ 675.00

Allied Cementing Co., Inc.  
 you are hereby requested to rent cementing equipment  
 furnish cementer and helper to assist owner or  
 tractor 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 \$ 5080.15  
 DISCOUNT \$ 762.02 IF PAID IN 30 DAYS  
 NET \$ 4318.13

Mike Kern

SIGNATURE X Mike Kern

15-033-20949-0000  
**ALLIED CEMENTING CO., INC.**  
**ORIGINAL KCC**

5794

P.O. BOX 31  
 RUSSELL, KANSAS 67665

JUL 13 1998

SERVICE POINT:

Medicine Lodge

**CONFIDENTIAL**

DATE <u>1-4-98</u>	SEC. <u>16</u>	TWP. <u>32S</u>	RANGE <u>19W</u>	CALLED OUT <u>2:30 pm</u>	ON LOCATION <u>5:45 pm</u>	JOB START <u>2:50 Am</u>	JOB FINISH <u>3:40 Am</u>
EASE <u>Bird</u>	WELL # <u>1</u>	LOCATION <u>Coldwater, 3w, 1s, 12w, 1/5</u>			COUNTY <u>Comanche</u>	STATE <u>Kansas</u>	

OLD OR NEW (Circle one)

CONTRACTOR Picknell Drilling  
 TYPE OF JOB Production  
 HOLE SIZE 17 1/2 T.D.  
 CASING SIZE 5 1/2 x 15.5 DEPTH 5315.88  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Disa psi = 550 DEPTH \_\_\_\_\_  
 PRES. MAX 1000 MINIMUM 150  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 11.33  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_

OWNER THOUROUBAED Assoc LLC  
 CEMENT

AMOUNT ORDERED 15 sx 60:40:6  
200 sx CLASS H 50:50:2 + 10% salt + .5% FL-10  
+ 5% KOL-SEAL (500 Gal Mud Clean) + (13 Gal Clapno)

COMMON A	<u>9</u>	@	<u>6.35</u>	<u>57.15</u>
POZMIX	<u>106</u>	@	<u>3.25</u>	<u>344.50</u>
GEL	<u>5</u>	@	<u>9.50</u>	<u>47.50</u>
CHLORIDE		@		
CLASS H	<u>100</u>	@	<u>7.90</u>	<u>790.00</u>
SALT	<u>20</u>	@	<u>7.00</u>	<u>140.00</u>
KOL-SEAL	<u>1000#</u>	@	<u>.38</u>	<u>380.00</u>
FL-10	<u>84#</u>	@	<u>7.25</u>	<u>609.00</u>
MUD CLEAN	<u>500 Gals</u>	@	<u>.75</u>	<u>375.00</u>
HANDLING	<u>215</u>	@	<u>1.05</u>	<u>225.75</u>
MILEAGE	<u>215 x 45</u>		<u>.04</u>	<u>387.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Carl Balding  
 # 255-265 HELPER Stane Winsor  
 BULK TRUCK  
 # 259-314 DRIVER John Kelly  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

TOTAL \$3355.90

SEP 28 1998

REMARKS:

FROM CONFIDENTIAL SERVICE

Pipe on bottom, break circulation w/ Rig, set collar  
 in cellar, Drop 1 1/2" Ball circulate + open triplex shoe  
 Drop Insert Ball + load plug in head, Circulate for 45min  
 Pump Mud clean Flush, plug Rat Hole w/ 15sx 60:40:6  
 pump 200 sx 50:50 cement, wash pump + lines + release plug  
 Displace with 12 1/2 bbls 2% KOL water. (Bump plug)  
 Release pressure + Flood Hold

DEPTH OF JOB	<u>5315.88</u>		
PUMP TRUCK CHARGE			<u>1290.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>45</u>	@	<u>2.85</u> <u>128.25</u>
PLUG Rubber	<u>5 1/2"</u>	@	<u>50.00</u> <u>50.00</u>
		@	
		@	

TOTAL \$1468.25

JUL 17 1998

CHARGE TO: THOUROUBAED Assoc LLC  
 STREET 10 COLONIAL COURT  
 CITY WICHITA STATE KANSAS ZIP 67207

CONSERVATION DIVISION  
 WICHITA, KS **FLOAT EQUIPMENT**

1-Triplex shoe	@	<u>1498.00</u>	<u>1498.00</u>
1-AFU Insert	@	<u>168.00</u>	<u>168.00</u>
12-Centralizers	@	<u>56.00</u>	<u>672.00</u>
	@		
	@		

TOTAL \$2338.00

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 \$ 7162.15  
 DISCOUNT \$ 1074.32 IF PAID IN 30 DAYS  
**NET \$ 6087.83**

SIGNATURE Robert Patton SWAMPY MARSH