

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

API NO. 15- 033-209810000  
County Comanche  
Approx. 100'N & 207'W  
S/2 - N/2 - SW - Sec. 9 Twp. 32S Rge. 19W E  
W

Operator: License # 31514  
Name: Thoroughbred Associates, LLC  
Address 8100 E. 22nd St. No.  
Bldg. 600, Suite F  
City/State/Zip Wichita, Kansas 67226

**CONFIDENTIAL**

1750 Feet from S/N (circle one) Line of Section  
1113 Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Purchaser: Cibola Energy Services  
Operator Contact Person: Robert C. Patton  
Phone (316) 685-1512  
Contractor: Name: Pickrell Drilling Co. Inc.

Lease Name Long "X" Twin Well # #1  
Field Name \_\_\_\_\_  
Producing Formation Marmaton

License: 5123  
Wellsite Geologist: Paul Gunzelman  
Designate Type of Completion  
XX New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

Elevation: Ground 2050' KB 2055'  
Total Depth RTD 6020' PBDT \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 713' KB \_\_\_\_\_ Feet

XX Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abn. \_\_\_\_\_  
XX Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes XX No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

If Workover:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PBDT  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

Drilling Fluid Management Plan A.H. 3-19-99 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used KCC  
Location of fluid disposal if hauled offsite:  
MAR 12 1999

11-17-98 \_\_\_\_\_ 11-30-98 \_\_\_\_\_ 12-14-98 \_\_\_\_\_  
Spud Date Date Reached TD Completion Date

Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

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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 03-11-99

Subscribed and sworn to before me this 11th day of March,  
19 99.

Notary Public 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)

**RELEASED**

KARRI WOLKEN  
NOTARY PUBLIC  
STATE OF KANSAS  
My Comm. Exp. 7/31/00

**MAR 12 2000**  
**FROM CONFIDENTIAL**

Operator Name Thoroughbred Associates, LLC Lease Name Long "X" Twin Well #      #1       
 Sec.   9   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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached.	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run:			
Dual Induction Log			
Compensated Neutron Density PE Log			
Micro Log			
Sonic Log			

**CASING RECORD**       New  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"	24#	713'	Lite	250	3%cc, 1/4# FS/sx
					Class A	200	3%cc, 2% gel
					Class A	200	2%cc
Production		5-1/2"	15.5#	5835'	ASC	250	500 gls preflush; 2% gel, 10% salt

**ADDITIONAL CEMENTING/SQUEEZE RECORD**      .5% FL10 & 5# Kol-seal/sk

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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	4962-4965		1500 gls 15% HCL

<b>TUBING RECORD</b>	Size <u>2-3/8"</u>	Set At <u>4980'</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. January 6, 1999	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>1000</u>	Water Bbls.	Gas-Oil Ratio      Gravity

Disposition of Gas:      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease    Open Hole    Perf.    Dually Comp.    Commingled   4962-4965'

Other (Specify) \_\_\_\_\_

OPERATOR: Thoroughbred Associates, LLC  
LEASE NAME: Long "X" Twin #1  
LOCATION: Approx. 100'N & 207'W of the S/2 N/2 SW  
Sec. 9-T32S-R19W  
Comanche County, Kansas  
API#: 15-033-209810000

CONFIDENTIAL

DST #1 4644-4694, 30-60-60-60. IF: Strong blow off bottom of bucket immediately  
GTS in 8". Initial gas volumes: 25,000 CFPD after 10", after 20" - 30.8 MCFD;  
after 30" - 30.8 MCFD. Shut in for 60". FF: Gas volumes at 10" into final  
flow - 8.89 MCFD; after 20" - 22.9 MCFD; after 30" - 38.22 MCFD; after 40" -  
6.93 MCFD; after 50" - 6.1 MCFD; and after 60" - 5.83 MCFD, all on 1/4" choke.  
Rec. 2510' clean gassy oil, 40% gas, 60% oil, gravity 34 degrees; and 300'  
gas & oil cut mud, 30% gas, 20% oil, 48% mud. FP 112-198/228-432#. SIP  
1568/1413#. HP 2317/2269#. BHT 112 degrees.

DST #2 4934-5040 30-60-60-60. IF: Strong blow, GTS in 3". Initial gas  
volumes: 965 MCFPD after 10"; after 20" - 1174 MCFPD; after 30" - 1197 MCFPD.  
FF: strong blow and gauging throughout. Gas volumes 10" into final flow -  
965 MCFD; after 20" - 1174 MCFD; after 30" - 1197 MCFD; after 40" -  
1197 MCFD; after 50" - 1197 MCFD; after 60" - 1197 MCFD, all on 3/4" choke.  
Rec. 365' gm, 10% gas, 90% mud. FP 333-355/344-352#. SIP 1843/1842#.  
HP 2462/2418#. BHT 108 degrees.

DST #3 5078-5189 30-45-90-60. IF: strong blow, GTS in 4". Initial gas  
volumes gauged 449 MCF in 10"; 436 MCF in 20" and 424 MCF in 30". Final  
flow had gas gauging throughout. Gas volumes 10" into final flow - 398 MCF;  
after 20" - 357 MCF; after 30" - 270 MCF; after 40" - 237 MCF; after 50"  
226 MCF; after 60" - 216 MCF; after 70" - 205 MCF; after 80" - 193 MCF and  
after 90" - 159 MCF. Rec. 456' gm, 12% gas and 240' hvy mud. FP 234-124/  
171-133#. SIP 1454/1175#. HP 2505/2453#.

LOG TOPS

Heebner	4261'-2206
Lansing	4452'-2397
Stark	4758'-2703
Cherokee	5040'-2985
Mississippi	5123'-3068
RTD	6020'-3965
LTD	6018'-3963

KCC  
MAR 12 1999  
CONFIDENTIAL

RELEASED

MAR 12 2000

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

MAR 15 1999  
3-15-99  
CONSERVATION DIVISION  
Wichita, Kansas

15-033-20981-0000  
**ALLIED CEMENTING CO., INC.** ORIGINAL

Federal Tax I.D.# 48-0727860

ATTN: P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge

**CONFIDENTIAL ORIGINAL**

DATE <u>11-16-98</u>	SEC. <u>9</u>	TWP. <u>32S</u>	RANGE <u>19W</u>	CALLED OUT <u>9:30 pm</u>	ON LOCATION <u>12:00 AM</u>	JOB START <u>4:20 AM</u>	JOB FINISH <u>9:15 AM</u>
LEASE <u>Long</u>	WELL # <u>1</u>	LOCATION <u>Coldwater CAR Wash</u>			COUNTY <u>Comanche</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)		<u>4 1/2 W, 1/4 W, 1/2 ME to Location</u>					

CONTRACTOR Pickrell Drilling  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 715  
 CASING SIZE 8 3/4 - 24" DEPTH 713  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 700 MINIMUM 50  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 42  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 44 Bbls Freshwater (5:00 PM)

OWNER Thoroughbred Associate  
 CEMENT  
 AMOUNT ORDERED 250 sx 65:35:6+3%cc + 4 flo seal  
+ 200 sx CLASS A + 3%cc + 2% gel  
+ 200 sx CLASS A + 2%cc

**EQUIPMENT**

PUMP TRUCK CEMENTER CARL Balding  
 # 250-265 HELPER Shane Winsor  
 BULK TRUCK  
 # 257-251 DRIVER James Holt  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON A <u>400</u>	@ <u>6.35</u>	<u>2540.00</u>
POZMIX _____	@ _____	_____
GEL <u>4</u>	@ <u>9.50</u>	<u>38.00</u>
CHLORIDE <u>22</u>	@ <u>28.00</u>	<u>616.00</u>
ALL <u>250</u>	@ <u>6.00</u>	<u>1500.00</u>
FLO-SEAL <u>63#</u>	@ <u>1.15</u>	<u>72.45</u>
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>650</u>	@ <u>1.05</u>	<u>682.50</u>
MILEAGE <u>650 x 45</u>	<u>.04</u>	<u>1170.00</u>

**KCC**  
 MAR 12 1999  
 TOTAL \$6618.95

**REMARKS: CONFIDENTIAL SERVICE**

Pipe on bottom, break circulation w/Rig  
pump 2 Bbls Freshwater, mix 250 sx 65:35:6+3%cc + 4 flo seal + 200 sx CLASS A + 3%cc + 2% gel.  
Cement in stop pumps, switch valves + Release plug  
Displace with 44 Bbls freshwater,  
wait 2 1/2 hours + Run 125 feet of 1 inch,  
Circulate cement to surface w/200 sx A+2%cc

DEPTH OF JOB <u>713'</u>		
PUMP TRUCK CHARGE <u>0-300'</u>		<u>470.00</u>
EXTRA FOOTAGE <u>413'</u>	@ <u>.43</u>	<u>177.59</u>
MILEAGE <u>45</u>	@ <u>2.85</u>	<u>128.25</u>
PLUG <u>Rubber 8 1/2"</u>	@ <u>90.00</u>	<u>90.00</u>
_____	@ _____	_____
_____	@ _____	_____

CHARGE TO: Thoroughbred Associate  
 STREET 10 Colonial Court  
 CITY WICHITA STATE KANSAS ZIP 67207  
 RELEASED  
 MAR 12 2000

MAR 15 1999  
 3-15-99  
 CONSERVATION DIVISION  
 Wichita, KS  
 FLOAT EQUIPMENT

<u>1- Baffle Plate</u>	@ <u>135.00</u>	<u>135.00</u>
<u>2- Basket</u>	@ <u>200.00</u>	<u>400.00</u>
_____	@ _____	_____
_____	@ _____	_____

To Allied Cementing Co., Inc. FROM CONFIDENTIAL  
 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.

TOTAL \$535.00  
 TAX \_\_\_\_\_

SIGNATURE Mike Kern

TOTAL CHARGE \$ 8019.79  
 DISCOUNT 1202.96 IF PAID IN 30 DAYS  
 Net # 6816.83  
Mike Kern  
 PRINTED NAME

15-033-20981-0000  
**ALLIED CEMENTING CO., INC.** ORIGINAL 9832

Federal Tax I.D.# 48-0727860

O P.O. BOX 31  
 RUSSELL, KANSAS 67665

CONFIDENTIAL ORIGINAL SERVICE POINT: med. lodge

DATE 11-29-98	SEC 9	TWP. 32S	RANGE 19W	CALLED OUT 10:00 A.M.	ON LOCATION 5:30 A.M.	JOB START 10:45 A.M.	JOB FINISH 1:30 P.M.
LEASE Long	WELL # X #1	LOCATION Coldwater CARWASH			COUNTY Comanche	STATE KS.	
OLD OR NEW (Circle one)			4 1/4 w - n/s				

CONTRACTOR Pickrell Drng.  
 TYPE OF JOB Prod. Csg.  
 HOLE SIZE 7 7/8 T.D. 6020'  
 CASING SIZE 5 1/2 x 15.5 DEPTH 58.30'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 x hole DEPTH 6020  
 TOOL Triplex DEPTH 58.30  
 PRES. MAX 1500 MINIMUM 200  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 15.97  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_

OWNER Thoroughbred Assoc.  
 CEMENT  
 AMOUNT ORDERED 500gals. mud-Clean  
265 SXS. Asc + 5# Kol-Seal + FL-10

DISPLACEMENT 140 Bbls 2% KCL water

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	265	@ 8.30	2173.00
KOL-SEAL	1325#	@ .38	503.50
FL-10	75#	@ 7.25	543.75
MUD CLEAN	500	@ .75	375.00
HANDLING	265	@ 1.05	278.25
MILEAGE	265 x 45	-.04	477.00

EQUIPMENT  
 PUMP TRUCK CEMENTER Harry Dreiling  
 # 343 HELPER Justin Hart  
 BULK TRUCK  
 # 259 DRIVER John Kelley  
 BULK TRUCK **KCC**  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

RECEIVED  
 STATE REGISTRATION COMMISSION  
 TOTAL \$4350.50

REMARKS: **CONFIDENTIAL** MAR 12 1999 MAR 15 1999  
 3-15-99 SERVICE  
 CONSERVATION DIVISION  
 Wichita, Kansas

Pipe on Bottom - Break Circ. Drop Ball  
 open Triplex Drop Ball thru Insert  
 mix + Pump 500gals. mud-Clean. Plug  
 Rathole w/ 15 SXS. Asc. Cement 250 SXS  
 Asc + 5# Kol-Seal + 5% FL-10 Washout  
 Pump lines Release Plug Pump Displace  
 Plug w/ 140 Bbls 2% KCL water  
 Bump Plug Release PST. Float Held.

DEPTH OF JOB	58.30'		
PUMP TRUCK CHARGE			1378.00
EXTRA FOOTAGE		@	
MILEAGE	45	@ 2.85	128.25
PLUG Rubber	5 1/2	@ 50.00	50.00
		@	
		@	

CHARGE TO: Thoroughbred Assoc.  
 STREET 10 COLONIAL COURT  
 CITY WICHITA STATE KANSAS ZIP 67207

RELEASED TOTAL \$1556.25  
 MAR 12 2000  
 FLOAT EQUIPMENT  
 FROM CONFIDENTIAL

1-Triplex Shoe	@ 1498.00	1498.00
1-AFU Insert	@ 263.00	263.00
2-Baskets	@ 142.00	284.00
15-Centerlizers	@ 56.00	840.00
	@	

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.

TOTAL \$2885.00  
 TAX \_\_\_\_\_  
 TOTAL CHARGE 8791.75  
 DISCOUNT 1318.76 IF PAID IN 30 DAYS  
 NET # 7472.99  
 X SWAMPY MARSH  
 PRINTED NAME

SIGNATURE X Robert Patton