

**COPY** *Free*

KANSAS 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: Cibola Energy Services  
Operator Contact Person: Robert C. Patton  
Phone ( 316 ) 685-1512  
Contractor: Name: Pickrell Drilling Co., Inc.  
License: 5123  
Wellsite Geologist: Paul Gunzelman

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Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  S1OW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover: **KCC**  
Operator: NOV 13 1993  
Well Name: **CONFIDENTIAL**  
Comp. Date            Old Total Depth             
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No.             
 Dual Completion  Docket No.             
 Other (SWD or Inj?)  Docket No.           

08-21-98 09-02-98 09-25-98  
Spud Date Date Reached TD Completion Date

API NO. 15- 033-209690000  
County Comanche  
N/2 - NE - NW -            Sec. 21 Twp. 32S Rge. 19W            E/W  
330 Feet from S/N (circle one) Line of Section  
2074 Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Rietzke Well # #1  
Field Name             
Producing Formation Marmaton  
Elevation: Ground 1972' KB 1977'  
Total Depth RTD\_6164' PBTB             
Amount of Surface Pipe Set and Cemented at 658' 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.

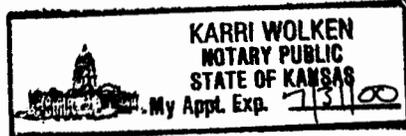
Drilling Fluid Management Plan ACT 1 DFW  
(Data must be collected from the Reserve Pit) 1-19-99  
Chloride content            ppm Fluid volume            bbls  
Dewatering method used             
Location of fluid disposal **RELEASED**            hauled offsite:  
Operator Name             
Lease Name            License No.             
**FROM CONFIDENTIAL**  
           Quarter            Sec.            Twp.            S Rng.            E/W  
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 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 11-13-98  
Subscribed and sworn to before me this 13th day of November,  
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  
IOG (Specify)



Y900

SIDE TWO

Operator Name Whorinbred Associates, LLC Lease Name Rietzke Well # #1

Sec. 21 Twp. 32S Rge. 19W  East  West  
County Comanche

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: Compensated Neutron Density Micro Log Sonic Log Dual Induction Log Geologist Report			

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#	658'	Lite	250	3%cc, 1/4# FS/sx
					Common	100	3%cc, 2% gel
Production		5-1/2"	15.5#	5403'	Class H 50/50	250	500 gls preflush: 2% gel, 10% sal

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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	5230-5234; 5249-5265; 4851-4860;	natural	

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>5180'</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>September 26, 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 4851-4860

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

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ORIGINAL

OPERATOR: Thoroughbred Associates, LLC  
 LEASE NAME: Rietzke #1  
 LOCATION: C N/2 NE NW, 330' FNL & 2074' FWL, Sec. 21-T32S-R19W  
 Comanche County, Kansas  
 API#: 15-033-209690000

DST #1 4451-4496 (Lansing "E" & "F") 30-60-60-90. GTS in 3". Initial gas volumes: 625,000 CFPD after 10"; after 20" - 750,000 CFPD; after 30" - 773,000 CFPD. FF: Gas volumes at 10" - into final flow - 796 MCFD; after 20" - 907 MCFD; after 30" - 907 MCFD; after 40" - 907 MCFD; after 50" - 930 MCFD; after 60" - 930 MCFD. Rec. 270' gcm (25% gas) FP 178-240/249-264#. SIP 1683/1673#.

DST #2 4985-5090 (Miss) 30-60-60-90. GTS in 4". Initial gas volumes 1490 MCFPD after 10"; 1420 MCFD after 20"; and 1420 MCFD after 30". FF: Gas volumes at 10" into final flow - 1490 MCFD; after 20" - 1420 MCFD; after 30", 40", 50" and 60" - 1348 MCFD. Rec. 390' gcm, (150' 15% gas, 85% mud and 240' 30% gas, 70% mud). FP 343-304/319-278#. SIP 1746/1739#. HP 2416/2353#. BHT 114 degrees.

LOG TOPS

Heebner	4146'-2169
Lansing	4336'-2359
Top of K.C.	4543'-2566
Stark	4645'-2668
Cherokee	4939'-2962
Mississippi	5015'-3038
Viola	5814'-3837
Simpson	6071'-4094
RTD	6164'-4187
LTD	6163'-4186

KCC

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REMOVED

NOV 09 1993

FROM CONFIDENTIAL

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 NOV 13 1993  
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