

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

ORIGINAL

CONFIDENTIAL

Operator: License # 31514

Name: Thoroughbred Associates, LLC

Address 8100 E. 22nd St. No.

Bldg. 600, Suite F

City/State/Zip Wichita, Kansas 67226

Purchaser: EOTT Energy

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
XX New Well Re-Entry Workover

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

If Workover: KCC

Operator:

Well Name:

Comp. Date Old Total Depth

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

04-08-00 04-20-00 04-22-00
Spud Date Date Reached TD Completion Date

API NO. 15- 033-210740000

County Comanche

 - SE - SW - Sec. 15 Twp. 32S Rge. 19W E W

660 Feet from SN (circle one) Line of Section

2100 Feet from EW (circle one) Line of Section

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

Lease Name Herd Well # #1

Field Name

Producing Formation Viola

Elevation: Ground 2012' KB 2017'

Total Depth RTD 5910' LTD 5911' PBDT

Amount of Surface Pipe Set and Cemented at 694' KB Feet

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.

Drilling Fluid Management Plan ALT 1 8/9 9/27/00
(Data must be collected from the Reserve Pit)

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 Rng. E/W

County Docket No.

STATE CORPORATION COMMISSION
RECEIVED
WICHITA, KANSAS

CONSERVATION DIVISION
WICHITA, KANSAS
JUL 13 2000

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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.

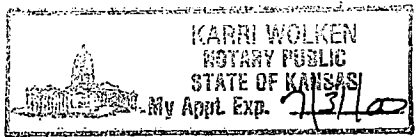
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Robert C. Patton
Title Managing Partner, Robert C. Patton Date 07-11-00

Subscribed and sworn to before me this 11th day of July, 2000.

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 Herd Well # #1

Sec. 15 Twp. 32S Rge. 19W East County Comanche

West

WARNING

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

Log Formation (Top), Depth and Datums Sample
 Name Top Datum
 See attached.

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"	23#	694'	Class A Standard	160 100	1/4# FS/sx, 3%CC 1/4#FS/sx, 3%CC
Production		5-1/2"	15.5#	5910'	ASC 60/40 poz	285	500gl mud clean 6% gel + 5#'s Kol-seal/sk, 6%gel

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	5806-5811		

TUBING RECORD

Size 2-3/8" Set At 5800' Packer At None Liner Run Yes No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	500				

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, submit ACO-18.) Other (Specify) _____

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OPERATOR: Thoroughbred Associates, LLC
 LEASE NAME: Herd #1
 LOCATION: C SE SW, 660' FSL & 2100' FWL, Sec. 15-T32S-R19W
 Comanche County, Kansas
 API#: 15-033-210740000

DST #1 4925-4999, (Altamont) 30-60-45-90. Strong blow immediately, GTS in 4". Gauges: 10" - 677,000; 20" - 793,000; 30" - 852,000. FF - gauged gas throughout. Gauges: 10" - 823,000; 20", 30" & 40" 878,000. Rec. 62' ocm, oil in form of condensate; and 296' gcm, 10% gas. HP 2416/2376#. FP 222-190/210-221#. SIP 1782/1783#. BHT 119 degrees.

DST #2 5005-5064 (Pawnee/Ft.Scott) 30-45-45-60. 3 strands of gas in pipe. Rec. 230' gip and 70' heavy mud. HP 2452/2419#. FP 30-42/47-72#. SIP 1445/1505#. BHT 114 degrees.

DST #3 5090-5205 (Miss.) 30-60-45-90. IF: Strong blow off bottom immediately, GTS in 5". Gauges: 10" - 299 MCF; 20" 314 MCF; 30" 314 MCF; Final gauges: 10" 368 MCF; 20" 343 MCF; 30" 328 MCF; and 40" 328 MCF. Rec. 325 drilling mud. HP 2503/2407#. FP 184-121/206-124#. SIP 1798/1771#. BHT 131 degrees.

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LOG TOPS

Heebner	4246'-2229
Lansing	4438'-2421
Stark	4756'-2739
Marmaton	4920'-2903
Altamont	4968'-2951
Cherokee	5060'-3043
Mississippi	5136'-3119
Viola	5780'-3763
Viola-Dolomite	5804'-3787
RTD	5910'-3893
LTD	5911'-3894

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ORIGINAL



INVOICE NO.
Date 4-8-00
Customer ID

Subject to Correction

FIELD ORDER 02353

Lease Head #1 Wildcat	Well # 1	Legal 15-32-19
County Comanche	State KS	Station Pratt KS
Depth Set 2 691	Formation	Shoe Joint 40.21
Casing 8 7/8	Casing Depth 694	TD 700
Customer Representative Mike Kern	Treater Dave Scott	Job Type 8 7/8 Surface New Well

CHARGE

AFE Number	PO Number
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Materials Received by X Mike Kern

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D101	100sk's	Common Cmt				
D200	160sk's	A-Con Cmt				
C195	59 lbs	flocele			KCC	
C310	623 lbs	Calcium chloride			JUL 12 2000	
F143	1ea	8 7/8 Wood Plug			CONFIDENTIAL	
F262	1ea	8 7/8 Baffle Plate				
F113	2ea	8 7/8 Cmt Basket's				
E107	260sk's	Cmt Serv. Charge				
E100	1ea	UNITS / way MILES 65				
E104	267tm	TONS 118 MILES 65				
R202	1ea	EA. 501'-1000' PUMP CHARGE				
		Discounted Price =	4892.09			



TREATMENT REPORT

0.18.16

ORIGINAL

Customer ID		Date	
Customer <i>Thoroughbred Assoc</i>		<i>4-8-00</i>	
Lease <i>Herd</i>		Lease No.	Well #
Field Order # <i>22353</i>	Station <i>Pratt KS</i>	Casing <i>8 5/8</i>	Depth <i>694</i>
Type Job <i>8 5/8 Surface New well wildcat</i>		County <i>Comanche</i>	State <i>KS</i>
Formation		Legal Description <i>13-32-19</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>160sk's A-Con</i>		RATE	PRESS <i>1000</i>	ISIP
Depth <i>694</i>	Depth	From	To	Pre Pad <i>2.773</i>	<i>11.8 ppg</i>	Max		5 Min.
Volume <i>41.7</i>	Volume	From	To	Pad <i>100 sk's Std</i>		Min		10 Min.
Max Press <i>1000</i>	Max Press	From	To	Frac <i>1.18</i>	<i>15.6 ppg</i>	Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>41.7 Bbl's Disp</i>		Gas Volume		Total Load

Customer Representative <i>Mike Kern</i>	Station Manager <i>Dove Autry</i>	Treater <i>Dave Scott</i>
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Service Units	<i>106</i>	<i>23</i>	<i>32</i>	<i>70</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0900</i>					<i>Called Out</i>
<i>1300</i>					<i>On hoc w/ Trk's Safety mt</i>
					<i>Baskets 14 & 13th JTs</i>
					<i>Csg on Bottom Breaks Circ 4/1/20</i>
					<i>Rig up Trk's</i>
<i>1614</i>	<i>200</i>			<i>5</i>	<i>St mixing head Cmt 160sk's</i>
<i>1623</i>	<i>200</i>		<i>77</i>	<i>5</i>	<i>St mixing Tail Cmt 100 sk's</i>
<i>1635</i>	<i>0</i>		<i>21</i>	<i>0</i>	<i>finish mixing Cmt</i>
					<i>Chose In & Release Plug</i>
<i>1742</i>	<i>100</i>			<i>5</i>	<i>St Disp w/ H2O</i>
<i>1700</i>	<i>500</i>		<i>41.7</i>	<i>0</i>	<i>Plug Down on Plate</i>
					<i>Chose In manifold</i>
					<i>Circ 10 Bbl's Cmt = 23 sk's</i>
					<i>Job Complete</i>
					<i>Thank you</i>
					<i>Scotty</i>

ALLIED CEMENTING CO., INC.

1448

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: ORIGINAL
med lodge

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DATE 4-21-00	SEC. 15	TWP. 32S	RANGE 19W	CALLED OUT	ON LOCATION 9:00 P.M.	JOB START 1:15 A.M.	JOB FINISH 3:30 P.M.
LEASE	WELL #	LOCATION Coldwater Car Wash			COUNTY Comanche	STATE KS.	
OLD OR NEW (Circle one)		3w-15-1/2E-n/s					

CONTRACTOR Picknell Drig.
 TYPE OF JOB Prod. Csq.
 HOLE SIZE 7 7/8 T.D. 5910'
 CASING SIZE 5 1/2 x 15.5 DEPTH 5926'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1400 MINIMUM 200
 MEAS. LINE SHOE JOINT 12.52
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 2% KCL water / 143 Bbls

OWNER Thoroughbred + Assoc
 CEMENT
 AMOUNT ORDERED 500 gals. mud-clean
285 sx. Asc + 5# Kol-seal + 6% FL-10

EQUIPMENT
 PUMP TRUCK CEMENTER Larry Dreiling
 # 343 HELPER Justin H.
 BULK TRUCK
 # 301 DRIVER mike R.
 BULK TRUCK
 # DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
CLAYPRO	14 Gals	@ 22.90	320.60
ASC	285	@ 8.20	2337.00
KOL-SEAL	1425#	@ .38	541.50
MUD CLEAN	500 Gals	@ .75	375.00
FL-10	161#	@ 7.25	1167.25
HANDLING	285	@ 1.05	299.25
MILEAGE	285 x 45	.04	513.00
KCC			

JUL 22 2000 TOTAL \$5553.60

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REMARKS:

Pipe on Bottom - Break Circ.
 Pump 500 gals. mud-clean Plug
 Rathole w/ 1.5 sx. Cement w/ 270 sx
 Asc + 5# Kol-seal + 6% FL-10. Wash
 out Pump + lines. Release Plug
 Displace w/ 2% KCL water. Pump
 Plug. Release PST. Float Held

SERVICE

DEPTH OF JOB	5909'		
PUMP TRUCK CHARGE			1378.00
EXTRA FOOTAGE	@		
MILEAGE	45	@ 3.00	135.00
PLUG	5 1/2 TRP	@ 50.00	50.00
	@		
	@		

TOTAL \$1563.00

CHARGE TO: Thoroughbred + Associates
 STREET 10 Colonial Court
 CITY Wichita STATE Ks ZIP 67207

FLOAT EQUIPMENT

1- Guide Shoe	@ 150.00	150.00
1- AFD Insert	@ 235.00	235.00
2- Baskets	@ 128.00	256.00
12- Centralizers	@ 50.00	600.00
	@	

TOTAL \$1241.00

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 \$ 8357.60
 DISCOUNT 835.76 IF PAID IN 30 DAYS
\$ 7521.84

SIGNATURE x Robert Patton

x SWAMPY MARSH
 PRINTED NAME