

COPY

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

Operator: License # 31514Name: Thoroughbred Associates, LLCAddress 10 Colonial CourtCity/State/Zip Wichita, Kansas 67207

Purchaser: _____

Operator Contact Person: Robert C. PattonPhone (316) 685-1512Contractor: Name: Pickrell Drilling Co., Inc.License: 5123Wellsite Geologist: Robert C. Patton

Designate Type of Completion

XX New Well _____ Re-Entry _____ WorkoverXX Oil _____ SWD _____ SLOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

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. _____

<u>08-29-96</u>	<u>09-10-96</u>	<u>10-02-96</u>
Spud Date	Date Reached TD	Completion Date

API NO. 15- 195-221800000County TregoSpot 50' N & 140' EC - SW - SW - SW Sec. 19 Twp. 15S Rge. 25W XX W380' Feet from S (circle one) Line of Section470 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or S (circle one)Lease Name Deines "M" Well # #2

Field Name _____

Producing Formation MississippianElevation: Ground 2521' KB 2526'Total Depth 4417' PBTB _____Amount of Surface Pipe Set and Cemented at 310' KB _____ FeetMultiple Stage Cementing Collar Used? yesIf yes, show depth set 1975' FeetIf Alternate II completion, cement circulated from 1975'feet depth to surface w/ 400 sx cmt.Drilling Fluid Management Plan ALT 2 JPK 5-9-97
(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 _____

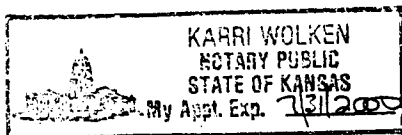
Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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. PattonTitle Managing Partner Date 12-10-96Subscribed and sworn to before me this 10th day of December, 19 96.Notary Public Karri WolkenDate 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) <u>IS</u>

Form ACO-1 (7-91)

Operator Name Thoroughbred Associates, LLC Lease Name Deines M Well # #2
☐ East
 Sec. 19 Twp. 15S Rge. 25W ☒ West County Trego

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:
 Radiation Guard Log

☐ Log Formation (Top), Depth and Datums ☐ Sample
 Name Top Datum

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	12-1/4"	8-5/8"	28#	310'	60-40 pozmix	190	2% gel, 3% CC
Production		5-1/2"	14#	4412'	ASC	175	mud preflush

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☒ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone		ACW	400	w/ 1/4# flocele per sack

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
		250 gls Dble Strength 15% FE	4412-4417

TUBING RECORD	Size 2-7/8"	Set At 4396'	Packer At	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. October 3, 1996	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil 60 Bbls.	Gas Mcf	Water 75 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

Production Interval
☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled 4412-4417
☐ Other (Specify) _____

Anhydrite	1949' +577
Heebner	3782' -1256
Lansing	3821' -1295
Stark	4055' -1529
Ft. Scott	4318' -1792
Cherokee Shale	4344' -1818
Mississippi	4411' -1885
RTD	4417' -1891
LTD	4417' -1891

[illegible]