

13-147-20563-00-00

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

API NO. 15- 147-20563-20563

ORIGINAL

County Phillips
C - SE - NW - SE Sec. 36 Twp. 3S Rge. 19W XX W

1650 Feet from S/N (circle one) Line of Section
1650 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 Miller Well # #1

Field Name unknown

Producing Formation N/A

Elevation: Ground 2055' KB 2062'

Total Depth RTD 3518' PBDT

Amount of Surface Pipe Set and Cemented at 217' 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 (Data must be collected from the Reserve Pit) D & A 4-1-96 LO

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.

Operator: License # 31514

Name: Thoroughbred Associates

Address 10 Colonial Court

City/State/Zip Wichita, KS 67207

Purchaser: N/A

Operator Contact Person: Robert C. Patton

Phone (316) 685-1512

Contractor: Name: Nebraska Drilling

License: 31730

Wellsite Geologist: Bill Petersen

Designate Type of Completion

XX New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

XX 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 PBDT

Commingle Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

10-25-95 10-30-95 10-30-95
Spud Date Date Reached TD Completion Date

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 Date 11-7-95

Subscribed and sworn to before me this 7th day of November, 19 95.

Notary Public Karri Wolken

Date Commission Expires February 7, 1996

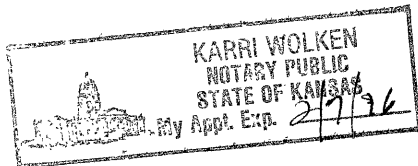
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

STATE CORPORATION COMMISSION Form ACO-1 (7-91)

DEC 13 1995

12-13-95

CONSERVATION DIVISION WICHITA, KANSAS



SIDE TWO

Operator Name Thoroughbred Associates Lease Name Miller #1 Well # _____

Sec. 36 Twp. 3S Rge. 19W East West

County Phillips

ORIGINAL

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 checked="" 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	Anhydrite	1607'	+455
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B.Anhydrite	1631'	+431
List All E.Logs Run:		Heebner	3252'	-1190
		Lansing	3294'	-1232
		BKC	3517'	-1455
		RTD	3518'	-1456

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"	28#	217'	60/40 pozmix	140	3% CC, 2% 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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input 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	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 Other (Specify) _____

Production Interval _____

Attachment to ACO-1
Page Three

ORIGINAL

Operator: Thoroughbred Associates
Lease Name: Miller
Well Number: #1
Location: C SE NW SE, Sec. 36-T03S-R19W
Phillips County, Kansas
API#: 15-147-205630

Drill Stem Test Information

DST #1 3313-3384, 45-45-45-45. Rec. 30' mud. FP 20-20/30-30#. SIP 958/897#.

Sample Tops (No Log Run)

Anhydrite	1607'	+455
B.Anhydrite	1631'	+431
Heebner	3252'	-1190
Lansing	3294'	-1232
BKC	3517'	-1455
RTD	3518'	-1456

RECEIVED
STATE CORPORATION COMMISSION

DEC 13 1995

CONSTITUTION DEPARTMENT
WICHITA, KANSAS

ALLIED CEMENTING CO., INC.

2484

TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: R

DATE <u>10-23-95</u>	SEC. <u>36</u>	TWP. <u>35</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION <u>1:30 AM</u>	JOB START	JOB FINISH <u>3:00 AM</u>
LEASE <u>Miller</u>	WELL # <u>1</u>	LOCATION <u>Speed 5N 2E 55</u>			COUNTY <u>Phillips</u>	STATE <u>K</u>	

OLD OR NEW (Circle one) NEW

CONTRACTOR Nebraska Doly

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 218

CASING SIZE 8 1/2 DEPTH 217

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10.15 28⁰⁰ 13.16

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED 140⁶⁰ 5% CC 2% gel

COMMON	<u>84</u>	@	<u>6.10</u>	<u>512.40</u>
POZMIX	<u>56</u>	@	<u>3.15</u>	<u>176.40</u>
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>4</u>	@	<u>28.00</u>	<u>112.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	_____	@	<u>1.05</u>	<u>147.00</u>
MILEAGE	<u>4 1/2</u>	@	<u>1 mile</u>	<u>369.60</u>
TOTAL				<u>1336.40</u>

EQUIPMENT

153 PUMP TRUCK CEMENTER Dave

_____ HELPER Mark

BULK TRUCK DRIVER Steve

BULK TRUCK DRIVER 272

REMARKS:

Cement Cir

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 145.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 66 @ 2.35 155.10

PLUG Surface (wooden) @ 45.00

_____ @ _____

_____ @ _____

TOTAL 645.10

CHARGE TO: Throughbred Associates

STREET 10 Colonial Court

CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT

RECEIVED

STATE CORPORATION COMMISSION

DEC 1 1995

CONSTRUCTION DIVISION

WICHITA, KANSAS

TOTAL _____

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.

SIGNATURE Thomas D. McCarroll

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING COMPANY, INC.

2486

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

ORIGINAL

SERVICE POINT: R

DATE <u>10-30-95</u>	SEC. <u>36</u>	TWP. <u>35</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 AM</u>	JOB FINISH <u>11:15 AM</u>
LEASE <u>Miller</u>	WELL # <u>1</u>	LOCATION <u>Speed 5N 1/2 E 1/2 S</u>			COUNTY <u>Phillips</u>	STATE <u>Ks</u>	

CONTRACTOR Nebraska Drlg

TYPE OF JOB plug 3518

HOLE SIZE _____ T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED 200 40 6 1/2 gal 1/4 lb flo seal

COMMON	<u>120</u>	@	<u>6.10</u>	<u>732.00</u>
POZMIX	<u>80</u>	@	<u>3.15</u>	<u>252.00</u>
GEL	<u>10</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flo Seal</u>	<u>50#</u>	@	<u>1.15</u>	<u>57.50</u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>10.5</u>	<u>210.00</u>
MILEAGE	<u>69m</u>		<u>04</u>	<u>552.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Dave

153 HELPER Mark

BULK TRUCK _____ DRIVER _____

BULK TRUCK _____ DRIVER Steve

TOTAL 1898.50

REMARKS:

25 1/2 @ 1600

100 @ 1000

40 @ 260

10 @ 40 w/c plug

10 mouse hole

13 rat hole

SERVICE

DEPTH OF JOB	<u>1600</u>			
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>69m</u>	@	<u>2.35</u>	<u>162.15</u>
PLUG <u>Dry Hole</u>		@		<u>23.00</u>
		@		
		@		

TOTAL 630.15

CHARGE TO: Throughbred Associates

STREET 10 Colonial Court

CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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SIGNATURE _____